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NAVAL AIR STATION
PENSACOLA, FLORIDA

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ENVIRONMENTAL ACTION NAVY (CLEAN)
NAVAL AIR STATION
PENSACOLA, FLORIDA

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The Contractor, EnSafe/Allen & Hoshall, hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-89-D-0318 is complete, accurate, and complies with all requirements of the contract.

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June 30,1997

FOREWORD

This remedial investigation report for NAS Pensacola OU6 was originally published in 1995 and 1996, respectively, as the *Remedial Investigation Report, NAS Pensacola Sites 9, 29, and 34*. The OU6 report is presented as a final document for these sites. Due to extensive changes between the original RI and the current report, modifications to the original text are not presented in a bolded/bracketed format. This is done to preserve the readability of the report.

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19. Abstract

A r e d i a l investigation was conducted for OU6, which includes Site 9 (the Navy Yard Disposal Area), Site 29 (the Soil South of Building 3640), and Site 34 (the Solvent North of Building 3557), at Naval Air Station Pensacola.

The ——— . . . . the presence of contamination in soil and groundwater apparently resulting from past releases in the Chevalier Field area. The OU6 area has been subject to extensive demolition and construction since the 1994 field investigation. The investigation considered that interim soil removals were performed at these sites, and used the most up-to-date list of preliminary remediation goals. The OU6 area has been subject to extensive demolition and construction since the 1994 field investigation. Except for the extrema western portion of Site 9, the remainder of the site area has been covered by fill dirt, new construction. or landscaping. Prior to construction, areas of contaminated roil identified during the field investigation were subject to interim removal. These soil removals mitigated the severest areas of contaminated roil on u c h site (Site 9A is still pending removal in 1997). Evaluation of current conditions considered the soil removals, and used the most up-to-date list of soil and groundwater preliminary remediation goals. These evaluation standards examine subsurface leaching values for roil, state/federal leachability standards, and tap water risk-based concentrations.

Parameters detected included heavy metals, cyanide, pesticides, polycyclic aromatic hydrocarbons, and nonchlorinated and chlorinated aromatic volatiles. At Site 9, inorganic soil contamination appears to be aggregated in the west central portion of the site, which has been redesignated as Site 9A (to be removed during 1997 — removal report to be submitted as an addendum to the remedial investigation). Organic contamination appears to be concentrated in the same area, though some semivolatiles above standards were also found south of Site 9A, at boring 09S17. The investigation data showed a distribution of pesticides above state and federal leachability standards at Site 9. Most concentrations of pesticides ware in sodded areas, indicating that the pesticides encountered may be consistent with application. At Site 29, roil inorganic constituents were below standards. Organic soil contamination is limited to subsurface dieldrin in the northwest portion of the site. As with Site 29, at Site 34, roil inorganics were below standards. Organic roil contamination is also limited to scattered subsurface dieldrin at the site. The dieldrin contamination at these sites is attributable to application, and grading, backfilling, and construction activities. All three sites have aluminum, iron. and manganese above Federal Secondary Maximum Contaminant Levels and Florida Secondary Drinking Water Standards in groundwater. However, aluminum and iron above standards ware below reference concentrations. Site 29 displayed e single cyanide concentration above standards (29GM07); however, there was no corresponding cyanide in soil samples, and no history of this constituent exists onsite. Site 34 revealed a single localized lead concentration above standards. However, lead was not detected in any other site groundwater samples. Site 34 groundwater also displayed localized concentrations of naphthalene above standards, confirmed with second phase resampling. The soils surrounding the Site 34 wells in question also contained these constituents, and were subject to removal action.

The roil and groundwater contamination found on these sites are *considered* delineated for purposes of the remedial investigation. The main areas of roil contamination on each site, with the exception of Site 9A, were previously subject to interim removal. The metals and semivolatiles contaminated soils within Site 9A are scheduled for interim removal during 1997 (removal report to be submitted as an addendum to the remedial investigation.) Elsewhere within these sites, roil contamination is limited to scattered surface and subsurface soil inorganics, semivolatiles, and pesticides. Evaluation of remaining OU6 surface and subsurface roil contamination compared to groundwater contamination reveals that: (1) there are soil constituents above leachability-based preliminary remediation goals, but these same constituents are not repeated in the accompanying groundwater samples; (2) there are groundwater constituents above applicable standards, but they are not present in accompanying roil samples. Given the lack of the soil/groundwater analytical correlations, the empirical evidence indicates that leaching of constituents is not substantial nor significant. In the unlikely case where groundwater constituents above applicable standards were to be transported, the *(potential)* receptors are identified.

The primary receiving aquifer within the OU6 area is the surficial zone of the Sand-and-gravel. The primary surface water body receptors ere the adjacent wetlands and Bayou Grande. Currently, groundwater within the surficial zone is not utilized for any purpose at NAS Pensacola. Elsewhere in southern Escambia *County*, it is used after being filtrated, a treatment which would be effective for constituents detected on the OU6 Sites. Slow advective contaminant migration, coupled with low concentrations of groundwater contaminants, along with other factors. act together to minimize the impact of constituents in groundwater to nearby surface waters. Potential ecological impacts of contaminant migration via groundwater from these sites on the adjacent areas of Pensacola Bay and wetlands will be evaluated in investigations for Naval Air Station Pensacola Sites 40 (Bayou Grande), 41 (base wetlands), and 42 (Pensacola Bay).

The human health risk associated with exposure to environmental media at the OU6 sites was assessed for hypothetical future rite residents. A soil exposure scenario was considered unnecessary. The maximum arsenic groundwater risk pored at Sites 9 and 34 (1E-4) exceeds the state and federal point of departure (1E-6). Although the calculated risk exceeds the state and federal risk point of departure, factors supporting a no further action recommendation for groundwater, include: (1) the relative absence of semivolatiles contamination in groundwater (except at Site 34); (2) the lack of correlation between soil and groundwater inorganic contamination; and (3) only the shallow zone is contaminated at OU6, and its use would be restricted due to the probability of saltwater intrusion. Further delineation and assessment within the OU6 area is unwarranted. The site area does *not* warrant the detailed evaluation associated with a feasibility study. No further action is recommended, alone with a proposed plan leading to an interim record of decision for the OU6 sites.

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List of Acronyms

5X	Five times
10X	Ten times
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARARS	Applicable or Relevant and Appropriate Requirements
AT	Average Time
ASTM	American Society for Testing and Materials
bls	Below land surface
BRA	Baseline Risk Assessment
BRAC	Base Closure and Realignment
BW	Body Weight
CCB	Continuing Calibration Blank
CDI	Chronic Daily Intake
CEC	Cation Exchange Capacity
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CG	Cleanup Goal
CLEAN	Comprehensive Long-term Environmental Action Navy
CLP	Contract Laboratory Program
COC	chain of custody
COPC	Chemical of Potential Concern
CPSS	Chemical Present in Site Samples
CRQL	Contract Required Quantitation Limit
CSAP	Comprehensive Sampling and Analysis Plan
CSS	Contaminant Source Survey
CSV	Chemical-Specific Value
CT	Central Tendency
C_w	Chemical Concentration in Groundwater
DAF	Dilution Attenuation Factor
DCB	Decachlorobipheny1
E/A&H	EnSafe/Allen & Hoshall
E&E	Ecology and Environment, Inc.
ED	Exposure Duration
EF	Exposure Frequency
EPC	Exposure Point Concentration

FB	Field Blank
FDEP	Florida Department of Environmental Protection
FDWS	Florida Drinking Water Standard
FGGC	Florida Groundwater Guidance Concentration
f_{oc}	Organic Carbon Fraction
FPDWS	Florida Primary Drinking Water Standard
FS	Feasibility Study
FSDWS	Florida Secondary Drinking Water Standard
ft/day	Feet per day
G&M	Geraghty & Miller, Inc.
GPS	Global Positioning System
GS	Grain Size
HEAST	Health Effects Summary Tables
HI	Hazard Index
HQ	Hazard Quotient
IAS	Initial Assessment study
ICB	Initial Calibration Blank
ICSA	Interference Check Sample Analysis
IDL	Instrument Detection Limit
ILCR	Incremental Lifetime Cancer Risk
IR	Ingestion Rate
IRIS	Integrated Risk Information System
IRP	Installation Restoration Program
IWTP	Industrial Wastewater Treatment Plant
J	Estimated data result
K	Hydraulic Conductivity
K_d	Distribution Coefficient
K_{oc}	Carbon Partitioning Coefficient
LCSA	Laboratory Control Sample Analysis
mg/L	Milligrams per liter
MCL	Maximum Contaminant Level
mg/kg	Milligrams per kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
msl	Mean sea level
NADEP	Naval Aviation Depot
NAS	Naval Air Station

NATTC	Naval Air Technical Training Center
NEESA	Naval Energy and Environmental Support Activity
NFESC	Naval Facilities Engineering Service Center
OERR	Office of Emergency and Remedial Response
OSWER	Office of Solid Waste and Emergency Response
OU	Operable Unit
PAH	Polycyclic Aromatic Hydrocarbon
PBLK	Pesticide/PCB Method Blank
PBS1	Soil Preparation Blank
PBW	Water Preparation Blank
PIBLK	Pesticide/PCB Instrument Blank
PPE	Personal Protective Equipment
ppm	Parts-per-million
PPS	Physical parameters, soil
PPW	Physical parameters, water
PRG	Preliminary Remediation Goal
PVC	Polyvinyl chloride
PWC	Public Works Center
QA/QC	Quality Assurance/Quality Control
R	Rejected data result
RAGS	Risk Assessment Guidance for Superfund
RBC	Risk-based Concentration
RC	Reference Concentration
R_f	Retardation Factor
RfD	Reference Dose
RGO	Remedial Goal Option
RI	Remedial Investigation
RME	Reasonable Maximum Exposure
ROD	Record of Decision
RRF	Relative Response Factor
SAP	Sampling and Analysis Plan
SBLK	Semivolatile Method Blank
SDG	Sample Delivery Group
SEGS	Southeastern Geological Society
SF	Cancer Slope Factor
SMCL	Secondary Maximum Contaminant Level
SMP	Site Management Plan
SOP/QAM	Standard Operating Procedures and Quality Assurance Manual

SOUTHNAVFACENGCOM	Southern Division Naval Facilities Engineering Command
SOW	State of Work
SPLP	Synthetic Precipitation Leaching Procedure
SQAG	Sediment Quality Assessment Guideline
SSL	Sediment Screening Level
SVOC	Semivolatile Organic Compound
TAL	Target *Analyte* List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TCX	Tetrachloro-m-xylene
TEF	Toxicity Equivalency Factor
TIC	Tentatively Identified Compound
TOC	Total Organic Carbon
TRPH	Total Recoverable Petroleum Hydrocarbon
U	Undetected data result
UJ	Estimated undetected data result
UCL	upper Confidence Limit
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United states Geological Survey
VBLK	Volatile Method Blank
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

A remedial investigation was conducted for OU6, which includes Site 9 (the Navy Yard Disposal Area), Site 29 (the Soil South of Building 3640), and Site 34 (the Solvent North of Building 3557), at Naval Air Station Pensacola. The investigation identified the presence of contamination in soil and groundwater that could be attributed to past releases in the Chevalier Field area.

The OU6 area has been subject to extensive demolition and construction since the 1994 field investigation. Except for the extreme western portion of Site 9, the remainder of the site area has been covered by fill dirt, new construction, or landscaping. Prior to construction, areas of contaminated soil identified during the field investigation were subject to interim removal. These soil removals mitigated areas of contaminated soil on each site (Site 9A is still pending removal in 1997 — removal report to be submitted as an addendum to the remedial investigation). Evaluation of current conditions considered the soil removals, and used the most up-to-date list of soil and groundwater preliminary remediation goals. These evaluation standards examine subsurface leaching values for soil, state/federal leachability standards, and tap water risk-based concentrations.

The OU6 work plans and sampling and analysis plans, developed and approved in mid-January 1994, outline a phased approach to the field investigation. This was driven by forthcoming construction deadlines at Chevalier Field, as mandated by the Base Closure and Realignment Commission. The first phase utilized soil borings and temporary monitoring wells to identify the presence or absence of contaminants at each OU6 site, and establish preliminary remediation goals for identified constituents. Further assessment phases focused on where soil and groundwater samples exceeded the applicable standards. This explains why there are multiple soil samples from the investigation, but only one complete set of groundwater data.

Approximately 60 constituents in the defined parameters were detected in laboratory-analyzed samples, including heavy metals, cyanide, pesticides, polycyclic aromatic hydrocarbons, and nonchlorinated and chlorinated aromatic volatiles.

At Site 9, inorganic soil contamination appears to be concentrated in the west central portion of the site, principally among four borings (09S02, 09S18, 09S26, 09S27). Most of this area has been redesignated as Site 9A (to be removed during 1997). Organic contamination appears to be concentrated in the same area, though some semivolatiles concentrations exceeding standards were also present south of Site 9A, at boring 09S17. Comparison to the preliminary mediation goals show a wide distribution of pesticides at Site 9 at concentrations exceeding state and federal leachability standards. Most of the borings containing pesticides Were in sodded areas maintained by base landscaping contractors, suggesting that the low levels of pesticides encountered are a result of current application.

At Site 29, no soil samples contained inorganic constituents at concentrations exceeding standards. Organic soil contamination is limited to subsurface dieldrin in the northwest portion of the site. As with Site 29, no soil samples from Site 34 contained inorganic constituents at concentrations exceeding standards. Organic soil contamination is limited to scattered subsurface dieldrin at the site, attributed to application, grading, backfilling, and construction activities.

All three sites have concentrations of aluminum, iron, and manganese exceeding Federal Secondary Maximum Contaminant Levels and Florida secondary Drinking Water Standards for groundwater. However, most aluminum and iron concentrations above these standards were below the NAS Pensacola reference concentration for these constituents. Site 29 had a single cyanide concentration exceeding standards; however, no soil cyanide source was verified at the site and no history of this constituent exists where it was present. Site 34 had a single localized groundwater lead concentration exceeding standards. However, lead was not detected in any other site groundwater samples. Site 34 groundwater also had localized concentrations of naphthalene at concentrations exceeding standards, which was confirmed with second-phase resampling. The soils surrounding the Site 34 wells in question also contained these constituents and were subject to removal action.

The soil and groundwater contamination at these sites is considered delineated. The main areas of soil contamination on each site, with the exception of Site 9A, were previously subject to

interim removal. The metal and semivolatile contaminated soils at Site 9A are scheduled for interim removal during 1997. Elsewhere within Site 9, soil contamination is limited to scattered surface and subsurface soil inorganics, semivolatiles, and pesticides. On Sites 29 and 34, soil contamination appears to be limited to scattered surface and subsurface soil dieldrin.

Evaluation of remaining OU6 surface and subsurface soil contamination compared to groundwater contamination reveals that: (1) there are soil constituents above leachability-based preliminary remediation goals, but these same constituents are not repeated in the accompanying groundwater samples; (2) there are groundwater constituents above applicable standards, but they are not present in accompanying soil samples. Given the lack of the soil/groundwater analytical correlations, the empirical evidence indicates that leaching of constituents is not substantial nor significant. In the unlikely case where groundwater constituents above applicable standards were to be transported, the *(potential)* receptors are identified.

The primary receiving aquifer within the OU6 area is the surficial zone of the Sand-and-Gravel aquifer. The primary surface water body receptors are the adjacent wetlands and Bayou Grande. Currently, groundwater within the surficial zone is not used at NAS Pensacola. Elsewhere in southern Escambia County, it is used after filtrating, a treatment that would be effective for constituents detected on the OU6 sites. Advective contaminant migration, coupled with the low concentrations of contaminants, retardation, mechanical dispersion, and chemical diffusion, would reduce the impact of groundwater constituents on nearby surface waters. Potential ecological impacts of contaminant migration via groundwater from these sites to adjacent Pensacola Bay and wetlands areas will be evaluated in investigations for Sites 40 (Bayou Grande), 41 (base wetlands), and 42 (Pensacola Bay).

The human health risk associated with exposure to environmental media at the OU6 sites was assessed for hypothetical future site residents. This assessment considered that extensive fill dirt would cover parts of the site area resulting from the onsite construction, that known areas of contamination were subject to interim removal, and that the new construction would cover significant portions of these sites with pavement or buildings. Accordingly, a soil exposure

scenario was considered unnecessary. The maximum arsenic groundwater concentrations reported for any site do not exceed the primary standard of 0.05 milligrams/liter (mg/L). However, the risk posed by arsenic at Sites 9 and 34 (1E-4) exceeds the state and federal point of departure (1E-6). Although the calculated risk exceeds the state/federal threshold, factors supporting a no-further action recommendation for groundwater are: (1) the relative absence of semivolatiles contamination in groundwater (except for naphthalene at Site 34); (2) the lack of correlation between soil and groundwater inorganic contamination in a comparison of reported concentrations to appropriate standards; and (3) Only the shallow zone at OU6 is contaminated, and its use would be restricted due to the probability of salt water intrusion.

Further delineation and assessment within the OU6 area is unwarranted. It is further recommended that the site area does not warrant the detailed evaluation of remedial alternatives associated with a feasibility study. No further action is recommended, along with a proposed plan leading to an interim record of decision for the OU6 sites.

10 INTRODUCTION

Under the authority of the U.S. Navy Comprehensive Long-Term Environmental Action Navy (CLEAN) program, a Remedial Investigation (RI) was recently completed at the following sites at Naval Air Station (NAS) Pensacola:

- Site 9 — Navy Yard Disposal Area
- Site 29 — Soil South of Building 3460
- Site 34 — Solvent North of Building 3557

The investigation was undertaken by EnSafe/Allen & Hoshall (E/A&H) to meet the requirements of the federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) program, which administers the investigation and cleanup of hazardous waste sites. These sites are listed under Operable Unit 6 (OU6) of the Site Management Plan (SMP) of the Installation Restoration Program (IRP) for NAS Pensacola (SOUTHNAVFACENGCOM, 1996). They are on Chevalier Field, on the southeast portion of the naval installation. The RI report summarizes the activities, results, and conclusions of the investigation, including a baseline risk assessment (BRA), and provides the basis for the site's feasibility study (FS). The RI objectives are outlined below.

Objectives of the Remedial Investigation

- To determine the source, nature, and the extent of soil and groundwater contamination.

- To evaluate risk to human health and the environment from onsite contaminated media. This goal is accomplished through the BRA process.

1.1 Project Organization

The RI was completed in phases. First, to develop a comprehensive understanding of the site history and background, all available previous investigation reports in the administrative record were reviewed. This information was used to develop the Sampling and Analysis Plans (SAPs) for the OU6 sites (E/A&H, 1994a, 1994b, 1994c). Next, a contaminant source survey (CSS) was performed to gather additional information about the sites' history, and past and present activities that may have contributed to contamination there. During the field investigation, soil borings were advanced and monitoring wells were installed to collect soil and groundwater samples for chemical and physical analyses. Finally, interim soil removals were performed at all three sites in order to accommodate Base Closure and Realignment (BRAC) construction schedules for Chevalier Field.

1.2 Purpose of Report

This RI report summarizes the activities, results, and conclusions of the overall investigation and provides the basis for an FS, and ultimately, a record of decision (ROD) for these sites. The report also documents the data collection and analytical methods used during the investigation. Extensive changes occurred at Chevalier Field during this investigation, due to BRAC demolition and construction, and interim soil removals in the OU6 area. Accordingly, this RI discusses contaminant nature and extent relative to current OU6 conditions.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Area Description

Sites 9, 29, and 34 of OU6 are near the southwest portion of Chevalier Field as shown on Figure 2-1, Site Location Map and Figure 2-2, Site Distribution Map. Now the site of the Naval Air Technical Training Center (NATTC), this area was once used by the Naval Aviation Depot (NADEP) to rebuild, repair, and paint aircraft. Helicopter airframe work was conducted in two large hangars (Buildings 3460 and 3557) near the investigation area. The hangars were surrounded by a concrete aircraft parking apron, a grassy field, and asphalt parking lots. Figures 2-3 and 2-4 detail the phases of E/A&H's RI relative to the Pre-BRAC layout of Chevalier Field.

Beginning in 1995, the area was changed radically. Under BRAC, NADEP was closed, and the current campus for the NATTC was constructed. During BRAC construction, Building 3557 was razed and Building 3460 was incorporated into what is now known as the NATTC's Consolidated Training School. The concrete aircraft parking apron was removed from the site area, and the surrounding areas altered to incorporate new roadways, parking lots, and landscaping. Other than Building 3460 and some hangars south of the site area, nothing remains of the former NADEP facilities at Chevalier Field.

The OU6 sites are described below:

Site 9

The Navy Yard Disposal Area, used for trash and refuse disposal from 1917 until the early 1930s, includes the large grassy area and parking lot west of Building 3460, along with portions of Murray Road, Industrial Road, the places where Murray and Moffett Roads intersect Ellyson Avenue, and a portion of the concrete apron next to Building 3460. The land surface at Site 9 is approximately 5 feet above mean sea level (msl). The terrain is relatively flat. Prior to

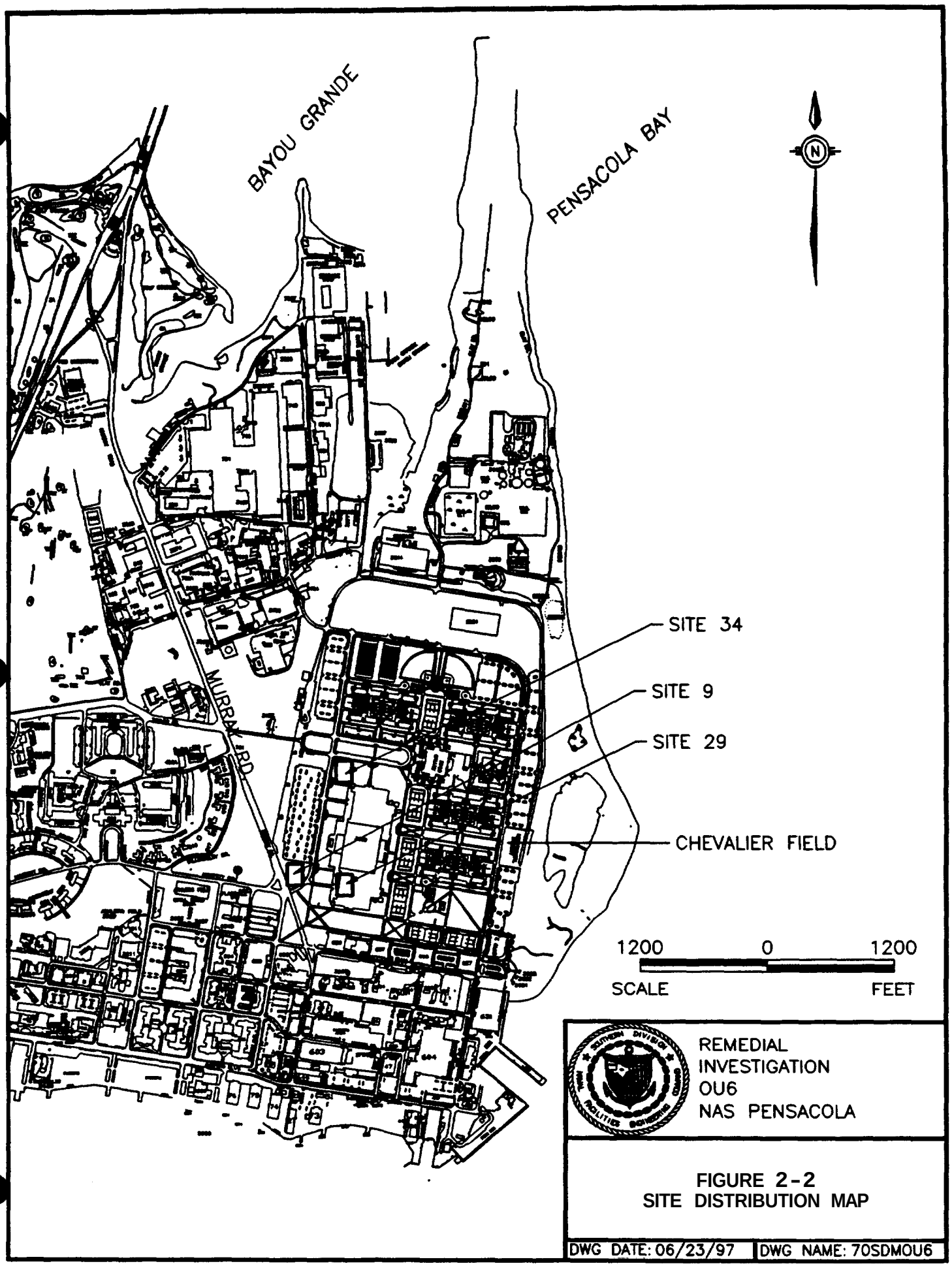
BRAC construction, the site incorporated a picnic shelter in the northeast portion of the site known as Building 3615. An aboveground steam pipeline originated near this shelter and crossed the eastern portion of the site, northeast to southwest, where it re-entered the ground. The northeast portion of the site included a parking lot, while the northwest and southern portions of the site were mostly unpaved areas of sandy soil landscaped with grass. The site's southeast corner included a portion of the concrete apron that surrounded Building 3460. The west and southwest portions of the site encompassed those areas near Industrial, Murray, and Moffett roads, and Ellyson Avenue (Ecology and Environment [E&E], 1992a).

Currently, Site 9 lies beneath the parking lot for the Consolidated Training School and a grassy area between the parking lot and the drainage ditch that traverses the western edge of the site. This drainage ditch is known as Wetland 6.

Site 29

Most of the site (the Soil South of Building 3460) included the concrete aircraft parking apron on the southern side of the Building 3460. A small portion of the site's western side included a part of the flat grassy field described for Site 9. Activities surrounding the site included those described for Building 3460. To the east was Building 3588, where airframes were painted. To the south are Building 607, which was used for general maintenance and repair of helicopters, and Building 630. A fenced outside storage area north of Building 630 was used to store helicopter rotor blades and fuel tanks. Immediately north of this former storage area was an automobile parking area used by NADEP employees. The site also encompassed a portion of the industrial wastewater treatment plant (IWTP) sewer line which serviced:

- The Chevalier Field NADEP buildings described.
- Other NADEP buildings in Chevalier Field's southeast portion.
- NADEP buildings near the waterfront (Building 604/former Building 71 area).


BAYOU GRANDE
PENSACOLA BAY
N
SITE 34
SITE 9
SITE 29
CHEVALIER FIELD
MURRAY RD
1200
0
1200
SCALE
FEET
REMEDIAL
INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 2-2
SITE DISTRIBUTION MAP
DWG DATE: 06/23/97
DWG NAME: 70SDMOU6

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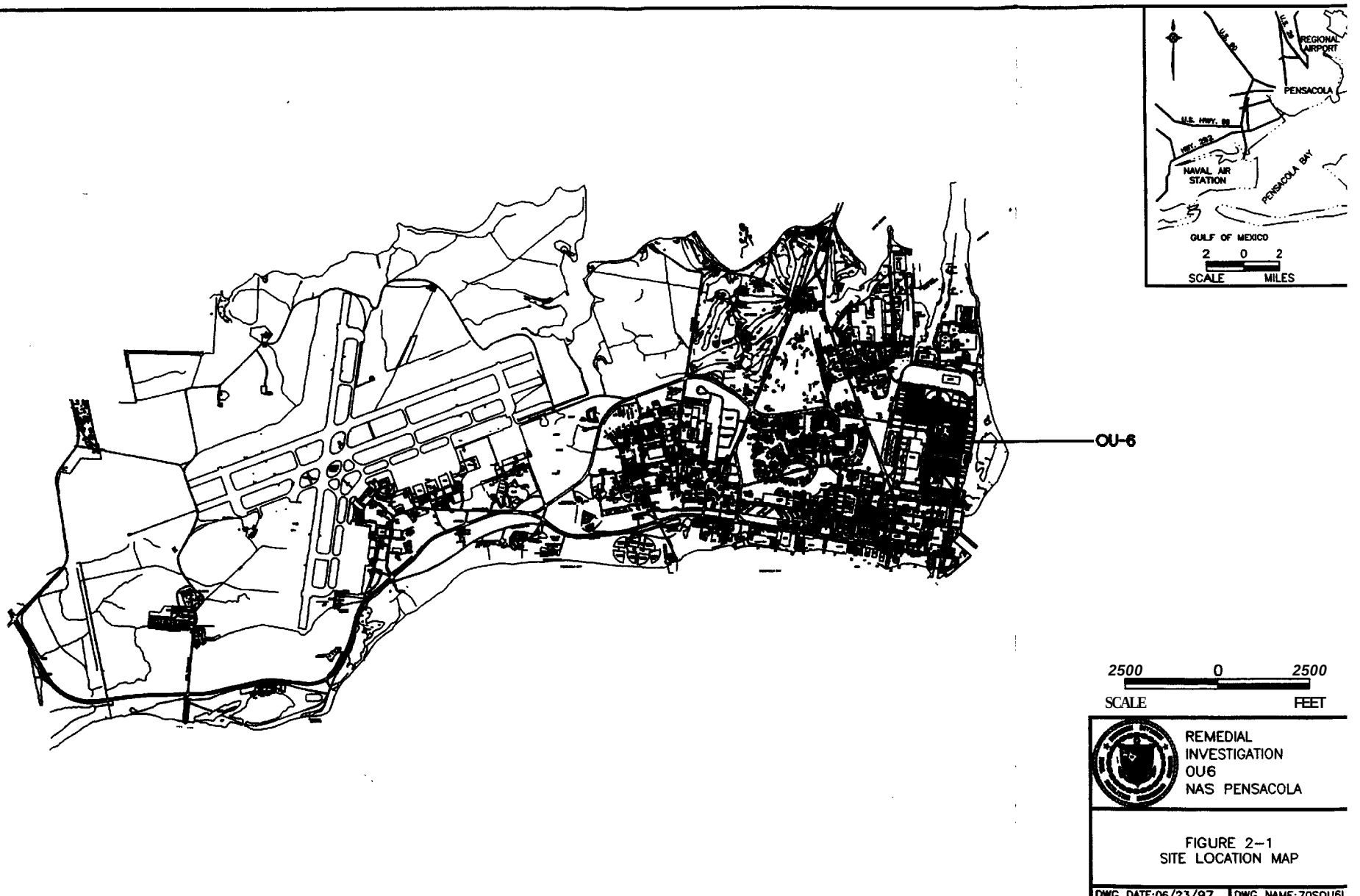
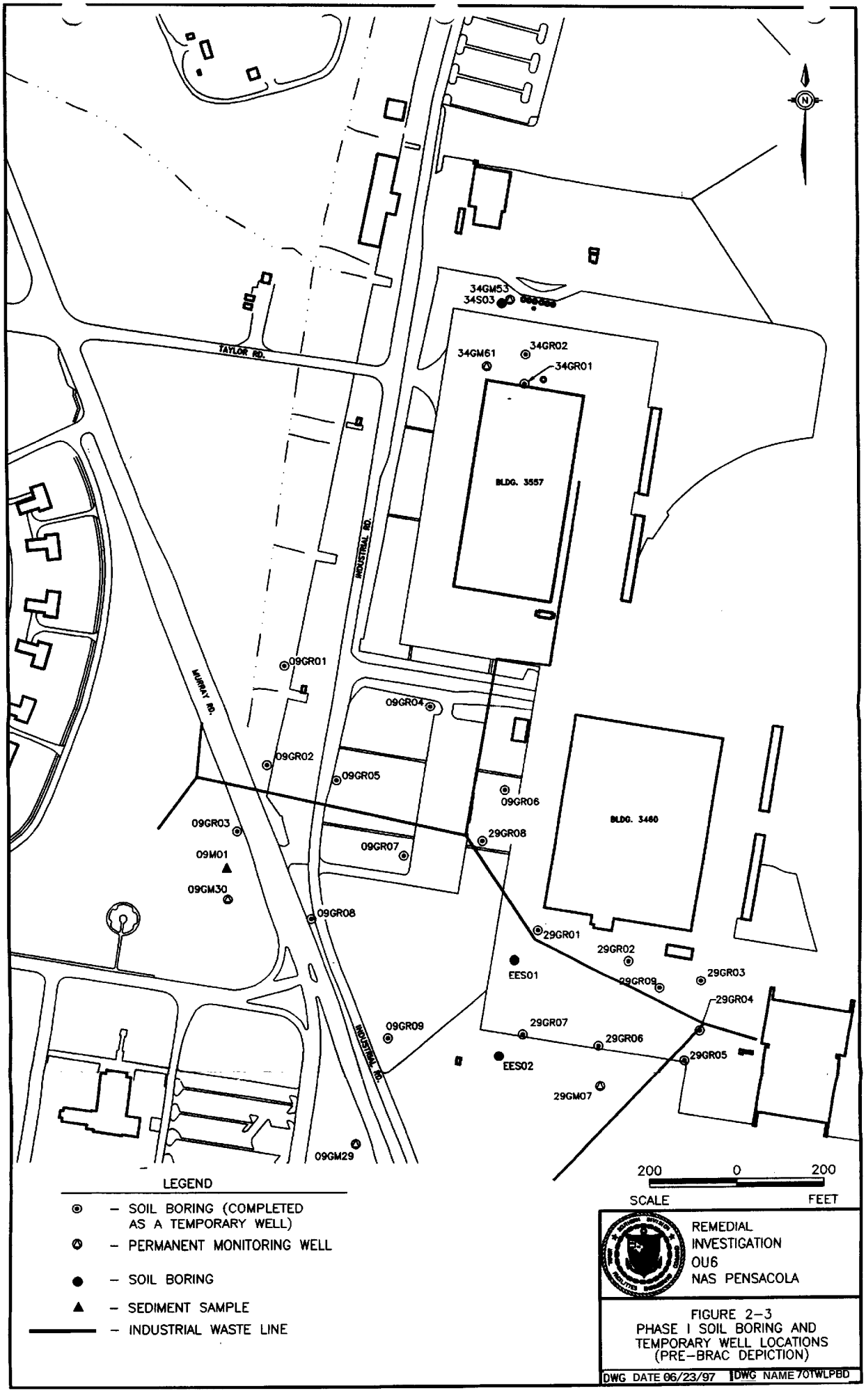
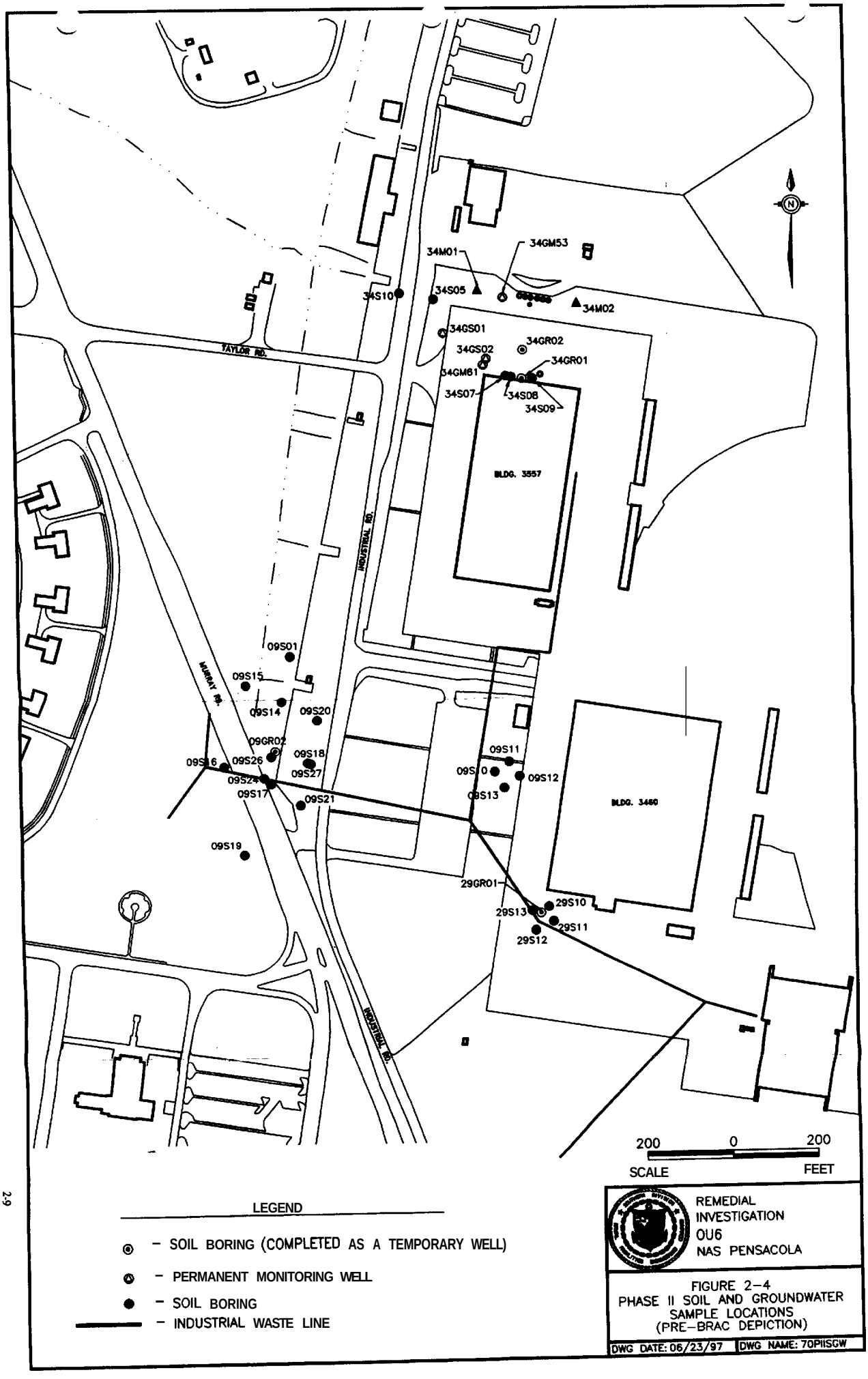

OU-6
REGIONAL AIRPORT
PENSACOLA
U.S. HWY. 98
HWY. 292
NAVAL AIR STATION
PENSACOLA BAY
GULF OF MEXICO
2 0 2
SCALE MILES
2500 0 2500
SCALE FEET
REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 2-1
SITE LOCATION MAP
DWG DATE:06/23/97
DWG NAME:70SOU6L


34GM53
34S03
34GM61
34GR02
34GR01
TAYLOR RD.
BLDG. 3557
INDUSTRIAL RD.
MURRAY RD.
09GR01
09GR04
09GR02
09GR05
09GR06
09GR03
09GR07
29GR08
09M01
09GM30
09GR08
BLDG. 3460
29GR01
29GR02
EES01
29GR09
29GR03
29GR04
09GR09
29GR07
29GR06
29GR05
EES02
29GM07
09GM29
200
0
200
SCALE
FEET
LEGEND
– SOIL BORING (COMPLETED AS A TEMPORARY WELL)
– PERMANENT MONITORING WELL
– SOIL BORING
– SEDIMENT SAMPLE
– INDUSTRIAL WASTE LINE
REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 2–3
PHASE I SOIL BORING AND TEMPORARY WELL LOCATIONS (PRE–BRAC DEPICTION)
DWG DATE 06/23/97
DWG NAME 70TWLPBD


34M01
34GM53
34S10
34S05
34M02
34GS01
34GR02
34GS02
34GR01
34GM61
34S07
34S08
34S09
BLDG. 3557
TAYLOR RD.
INDUSTRIAL RD.
09S01
09S15
09S14
09S20
MURRAY RD.
09GR02
09S18
09S16
09S26
09S27
09S24
09S17
09S21
09S19
09S11
09S10
09S12
09S13
BLDG. 3460
29GR01
29S10
29S13
29S11
29S12
200 0 200
SCALE FEET
LEGEND
- SOIL BORING (COMPLETED AS A TEMPORARY WELL)
- PERMANENT MONITORING WELL
- SOIL BORING
- INDUSTRIAL WASTE LINE
REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 2-4
PHASE II SOIL AND GROUNDWATER SAMPLE LOCATIONS
(PRE-BRAC DEPICTION)
DWG DATE: 06/23/97
DWG NAME: 7OPIISGW

The portion of the sewer line crossing Site 29 runs southeast-northwest across the site, continuing to the northwest across Site 9. This gravity-fed line segment is constructed of 15-inch vitreous clay pipe and buried 7.2 to 7.8 feet below land surface (bls), approximately 3 to 4 feet below the top of the saturated zone. An 8-inch, vitreous clay line running southwest from Building 3460 connects into the main line approximately 60 feet from the building's southwest comer. Land surface elevation at the site is approximately 7 to 8 feet above msl (E&E, 1992a).

Site 29 currently lies beneath the south wing of the Consolidated Training School. During BRAC construction, Building 3460 was expanded, incorporating most of the area investigated for the site.

Site 34

The site, the Solvent North of Building 3557, was beneath the concrete apron immediately north of the building. It included a small tank farm at the edge of the concrete apron approximately 150 feet north of the building. This tank farm consisted of six large and two smaller cylindrical storage tanks, on concrete foundations above the ground. The larger tanks had an approximately 20,000-gallon capacity, and contained: T-101 (epoxy stripper MIL-R-81924), T-105 (detergent MIL-C-43616), T-106 (Stoddard solvent PD680-Type II), and T-107 (unknown). A paved trench from the tank farm to Building 3557 piped materials from the tanks to activities in the building. Land surface elevation at the site is approximately 4 feet above msl (E&E, 1992a).

During BRAC construction, Building 3557, the tank farm and piping, and the surrounding concrete apron were razed. The Site 34 area is now part of the entry promenade for the NATTC, and is covered by asphalt pavement and landscaping near the intersection of Taylor and Chevalier Field roads.

2.2 Site!History and Previous Investigations

2.2.1 General History

site 9

This site, which was used for trash and refuse disposal between 1917 and the early 1930s, is shown on several old maps as the Navy Yard Dump or the Warrington Village Dump. Part of Site 9 was excavated in the late 1960s during trenching for an industrial wastewater treatment plant sewer. Glass, scrap metal, and debris were unearthed, but no unusual odor was reported (E&E, 1992a).

Site 29

According to an Initial Assessment Study (IAS) performed by the Naval Facilities Engineering Service Center (NFESC, formerly the Naval Energy and Environmental Support Activity [NEESA]) in 1981, workers received minor skin burns while excavating a trench to repair a 16-inch water main south of Building 3460. These injuries were attributed to a black, oily liquid mixed with soil floating on water in the trench. When the water was pumped out, a residue coated the sides of the trench and pipe, and the workers noticed an odor similar to paint remover. Because the excavation site was approximately 100 feet from the section of IWTP sewer line crossing the site, industrial waste from the line could have leaked into the surrounding soil (E&E, 1992b). The chemical that caused the bums was unknown (NEESA, 1983). During the CSS there was no physical evidence on the concrete apron suggesting repairs had been made to the sewer line. Also, the NAS Pensacola Public Works Center (PWC) has no utility maps depicting repairs conducted during this time. A second leak in the industrial sewer line was repaired in September 1986. This leak was under the grassy portion of the site immediately west of Building 3460, beneath the aboveground steamline system. The leak occurred along a portion of the industrial waste sewer line about 7.2 feet bls and approximately 3 to 4 feet below the top of the saturated zone. Information about the amount of leakage was sketchy (NAS Pensacola PWC, 1994).

Site 34

In May 1984, a leak in a pipeline at the north end of Building 3557 reportedly resulted in the loss of approximately 45,000 gallons of a solvent detergent used to clean aircraft (Geraghty & Miller [G&M], 1986). The solution contained 1.7 percent chlorinated aromatic hydrocarbon solvent, resulting in a calculative total of 750 gallons of solvent released. Local sediment, soil, and/or groundwater may have been impacted from the solvent detergent release. Constituents may have penetrated to the soil beneath the concrete apron via expansion joints, and may have run off via a drainage swale near the tank farm to the drainage ditch west of Chevalier Field. It was presumed that contaminants were carried offsite via this route (E&E, 1992a).

2.2.2 Chronology of Events and Previous Investigations

This section summarizes previous work with a connection to the OU6 sites.

1983 — IAS

The IAS was conducted by the NFESC (formerly NEESA), and identified sites posing a potential threat to human health or the environment due to contamination from past hazardous materials operations. Historical records, aerial photographs, field inspections, and personnel interviews were used to identify 29 potentially contaminated sites at NAS Pensacola. Sites 9 and 29 were among those identified for evaluation by this study. According to the IAS report, Site 9 was used only to dispose of domestic trash and refuse, and not for hazardous waste. Also according to the report, there is no danger to human health or the environment from Site 9, and no further study at the site was recommended. Because several workers received minor skin burns from contact with an unknown chemical during excavation, it was concluded that Site 29 constitutes a potential threat to human health. Further study was recommended for Site 29 (NEESA, 1983).

1984 — Verification Study

The 1984 Verification Study performed by G&M examined Sites 9, 23 (a petroleum site immediately west of Site 9 where two reported releases occurred from an underground supply line), 29, and 34 by installing four monitoring wells along the southwest perimeter of Chevalier Field (GM-7, GM-29, GM-30, and GM-6). Piezometric information from these wells indicated that groundwater moved toward the paved ditch west of Chevalier Field. Groundwater samples from these wells and surface water collected from a downstream ditch were analyzed for volatile organic carbons (VOCs). No VOCs were present in groundwater samples in concentrations at or above method detection limits, although surface water samples contained low VOC concentrations. The study suggested that contaminants were very localized or had been purged from the shallow aquifer. No further inquiry was recommended for Sites 9 and 29. Since the Site 34 spill was very recent, the study recommended additional monitoring wells and surface water sampling for Site 34 (G&M, 1984).

1986 — Characterization Study

Site 34 was further studied by G&M in the 1986 Characterization Study. As part of this study, three additional shallow monitoring wells and one deep well (GM-53, GM-56, GM-57, GM-61) were installed. Groundwater samples were analyzed for VOCs, along with three surface water samples from downstream in the paved ditch. VOCs were detected in the sample from GM-53 (2 parts-per-million [ppm] benzene, 4 ppm toluene) and in all three surface water samples (2 to 42 ppm total VOCs). However, the types of VOCs identified in the groundwater and surface water were different, suggesting that the source of VOCs in the surface waters is not related to Site 34. The study suggested that the site does not appear to pose a threat to human health; no further action was recommended (G&M, 1986).

1991 — Contamination Assessment/Remedial Activities Investigation

As part of the Navy's IRP, E&E performed Phase I contamination assessments for 22 IRP sites at NAS Pensacola to identify principal areas and primary contaminants of concern at each site and to recommend any subsequent investigations. Fieldwork included site reconnaissance, surface emission surveys, particulate air screening, utilities surveys, collection of soil and groundwater samples, and hydrologic assessments. Sites 9, 29, and 34 were included in these investigations. It should be noted that the lab analyses were conducted as screening *analyses, and* were intended *only* to focus additional investigations. These screening analyses were somewhat deficient because they lacked reproducibility; and they used a single column-type gas chromatograph analysis (no confirmation samples run). Groundwater samples were also unfiltered and had very high turbidities, turbidity being commonly associated with erroneously high metal results. Findings were presented in Interim Data Reports for each site and are summarized below:

- Site 9 — The Site 9 Phase I investigation identified soil and groundwater contaminated primarily with total recoverable petroleum hydrocarbons (TRPHs) and polycyclic aromatic hydrocarbons (PAHs). Low amounts of radiation were also identified at the site. The report referred to repeated soil disturbance from grading, backfilling, and construction activities, and how these activities have most likely affected the redistribution of contaminants. Low concentrations of metals such as lead and arsenic were widespread. The distribution of these metals in the unsaturated zone was attributed to localized sources of contamination and redistribution of soil. Concentrations of TRPHs were identified in soil along the site's perimeter and near the point where the industrial waste sewer line crosses the site. PAHs were present at twice the detection limit at one location. Groundwater was contaminated mostly with metals, primarily lead. The scattered. distribution of elevated lead in the saturated zone was attributed to localized contaminant sources, the extensive redistribution of soil from construction and earth moving, and/or

leakage from the industrial waste sewer line. E&E concluded that further investigation was required at and near Site 9 (E&E, 1992c).

- Site 29 — The Site 29 Phase I investigation indicated the presence of metals, TRPHs, PAHs, and VOCs. TRPHs appeared to be limited to soil in the northern area of the site and along the section of the industrial waste sewer line passing through the site. The northern concentration of TRPHs indicated a potential local source of contaminants. PAHs present in a single sample from the eastern part of the site also suggested a local contaminant source. Higher concentrations of metals were in groundwater samples collected along the sewer line than in samples from other locations on the site. However, arsenic was found at concentrations above Florida Primary Drinking Water Standards (FPDWS) in a groundwater sample from the southern edge of the site. Methylene chloride from an unknown source was present in a groundwater sample from the western part of the site. E&E concluded that further investigation was required at and near Site 29 (E&E, 1992d).

- Site 34 — During the Site 34 Phase I investigation, soil and groundwater analyses identified the presence of metals, TRPHs, PAHs and phenols. E&E concluded that the contaminants were not related to the solvent detergent leak and that additional contaminant sources might be impacting Site 34. Low concentrations of chromium, lead, zinc, and cadmium were detected from land surface to the water table in soil samples collected south of the onsite drainage swale. Limited TRPH contamination was found in the soil near the pipeline conduit between the tank farm and Building 3557, and along the portion of the industrial waste sewer line passing under the-site. Low concentrations of PAHs were also present in soil at two areas along the sewer line. Groundwater samples exhibited slightly elevated concentrations of metals, with chromium, iron, and manganese exceeding FPDWS and Florida secondary drinking water standards (FSDWS). Elevated concentrations of

metals were also identified in groundwater along the industrial sewer line at Site 34. Low concentrations of VOCs, base-neutral acid extractables, PAHs, and phenols were also detected from groundwater samples at Site 34. A 25-foot deep concrete-lined sump pit under the northern half of Building 3557 received wash water from six aircraft cleaning bays. E&E estimated that 50,000 to 70,000 gallons of infiltrated groundwater were pumped to the industrial waste sewer daily, along with collected aircraft washdown from the building. This continuous pumping operation was assumed to dewater portions of Site 34 and influence groundwater flow direction. It was thought that the sump pumping might have removed detergent or solvent-contaminated groundwater from the shallow aquifer and directed it to the industrial waste sewer north of the building. E&E concluded that further investigation was required at and near Site 34 (E&E, 1992e).

1992 — Data Summary/Preliminary Scoping Report for Ecological Assessment Work Plans

This E&E report documented data for the scoping of work plans for NAS Pensacola OUs 15, 16, and 17 (Bayou Grande, the NAS Pensacola wetlands, and Pensacola Bay). The report was also intended to outline the need for risk assessment studies at these sites. Sites 9, 29, and 34 are among 11 contributing sources that potentially discharge into the Bayou Grande yacht basin via groundwater migration and surface runoff. The report suggested that an ecological risk assessment was warranted for the yacht basin due to the high risk quotients associated with contaminants in the sediments, surface waters, and multiple contributing sources (E&E, 1992f).

1994 — Phase 1/11 Remedial Investigation for Sites 9, 29, and 34

Figures 2-3 and 2-4 detail E/A&H's sampling locations within the OU6 area. These investigations occurred several months before the NADEP facilities at Chevalier Field were demolished and the NATTC was built.

Analytical data for soils at these sites were initially compared to risk-based, surface soil preliminary remediation goals (PRGs) exclusively. These PRGs were considered because of conservative assumptions, fast-track remediation requirements, and Tier 1 agreement. Analytical data revealed the following results for each site:

- Site 9 — Site 9 contained localized concentrations of arsenic and manganese above PRGs in soil. The central portion of the site, apparently near the former dump, exhibited relatively elevated levels of inorganics and PAHs in soil above PRGs. Isolated soil PAH constituents were found in other places onsite, attributable to pavement runoff, nearby road construction, and vehicle activity. Localized pesticide constituents were found in soil that would be consistent with surface application. Groundwater contained inorganic constituents above PRGs (but mostly below NAS Pensacola groundwater reference concentrations) consistent with the general quality of groundwater at NAS Pensacola and the Sand-and-Gravel aquifer in southern Escambia County. No PAHs or pesticides were detected in site groundwater. An isolated lead hit above PRGs in groundwater during the first sampling phase was not substantiated in a follow-on sample.

- Site 29 — Site 29 exhibited localized manganese above PRGs in soil. Localized surface and subsurface soil dieldrin and PAH contamination was determined to result from previous grading, backfilling and construction (and consequent soil redistribution) in the area. Groundwater contained ubiquitous inorganic constituents like Site 9. Localized cyanide was also detected in a single groundwater sample on the south side of the site. The cyanide did not appear to be related to any soil source found at the site, and no history of cyanide existed where this constituent was found. An isolated dieldrin hit above PRGs in groundwater during the first sampling phase was not substantiated in a follow-on sample.

- *Site 34* — Site 34 contained localized lead and naphthalene in soil above PRGs at a single location. As with Sites 9 and 29, groundwater contains ubiquitous inorganic constituents. Naphthalene was also found in groundwater above PRGs, correlated to on-site soil naphthalene concentrations. Localized lead concentrations above PRGs were also found in groundwater.

The soil and groundwater contamination found on these sites was considered delineated. The main areas of soil contamination for each site @re-interim removal) included: (1) the presumed former dump on Site 9; (2) dieldrin and PAH contamination on Site 29; and (3) lead and naphthalene contamination on Site 34. Groundwater constituents above PRGs were mostly inorganics, with one organic on Site 34 (naphthalene). No correlation was found between the distribution and concentrations of inorganics above PRGs in soil and inorganics above PRGs in groundwater, which in many cases were below groundwater reference concentrations. Also, comparison with groundwater inorganics at other NAS Pensacola sites did not indicate anything unusual. Further delineation and assessment in the area surrounding Sites 9, 29, and 34 were considered unwarranted. An FS detailing suggested remedial alternatives was discouraged, and no further action was recommended.

1995 — Interim Removal Actions

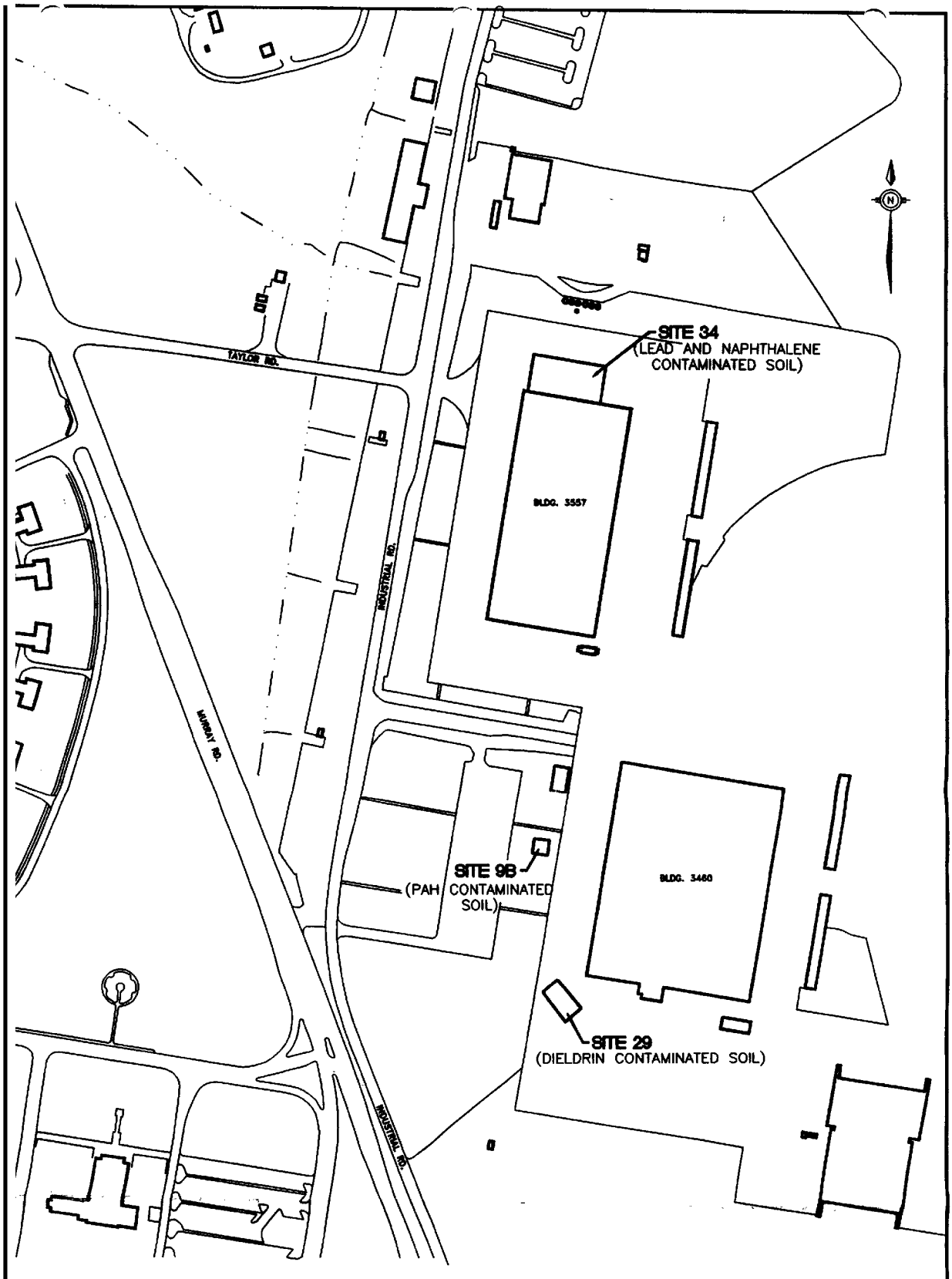
In order to accommodate the BRAC construction agenda scheduled to begin on Chevalier Field in early 1995, several soil interim removal actions were performed on Sites 9, 29, and 34 commensurate with NADEP demolition and new construction work. These interim soil removals are described in the Soil Removal Summary Report (E/A&H 1996a). This report discusses the removal actions, confirmatory samples/results collected by E/A&H, sampling techniques, disposal of removed soil, and subsequent backfilling of excavated areas. The removal actions are briefly summarized as follows:

- *Si 9* — This site was divided into two areas for removal, Sites 9A (encompassing lead and PAH contamination in the west-central portion of the site), and 9B (encompassing PAH contamination in and around boring location 09S06). Approximately 214.9 cubic yards of PAH *contaminated* soil was excavated from Site 9B December 11 through 14, 1995. The site was backfilled prior to confirmatory sampling by E/A&H, and portions had to be re-excavated for confirmatory sampling on December 29, 1995. Site 9A was not remediated and is pending removal during 1997 (E/A&H, 1996a). currently, Site 9A lies in a landscaped area between the parking lot of the Consolidated Training School, and *the* drainage ditch west of the site. Site 9B lies beneath concrete adjacent to the air conditioning cooling towers for *the* school.

- Site *29* — Removal for this site was performed to remove dieldrin contaminated soil from the area around boring location 29S01. About 422.22 cubic yards of soil was removed from this location May 1 and 2,1995, and confirmatory samples were collected by E/A&H on May 15,1995 (E/A&H, 1996a). Currently, Site 29 lies beneath the foundation of the Consolidated Training School's south wing.

- Site 34 — Removal for this site was conducted to remove lead and naphthalene contaminated soil from in and around boring location 34S01. About 1,111.1 cubic yards of material was excavated between December 11 and 14, 1995. *As* with Site 9B, the site was backfilled prior to confirmatory sampling by E/A&H, and portions had to be re-excavated for confirmatory sampling on December 28, 1995 (E/A&H, 1996a). Site 34 is now part of the entry promenade for the NATTC, and is covered by asphalt pavement and landscaping near the intersection of Taylor and Chevalier Field roads.

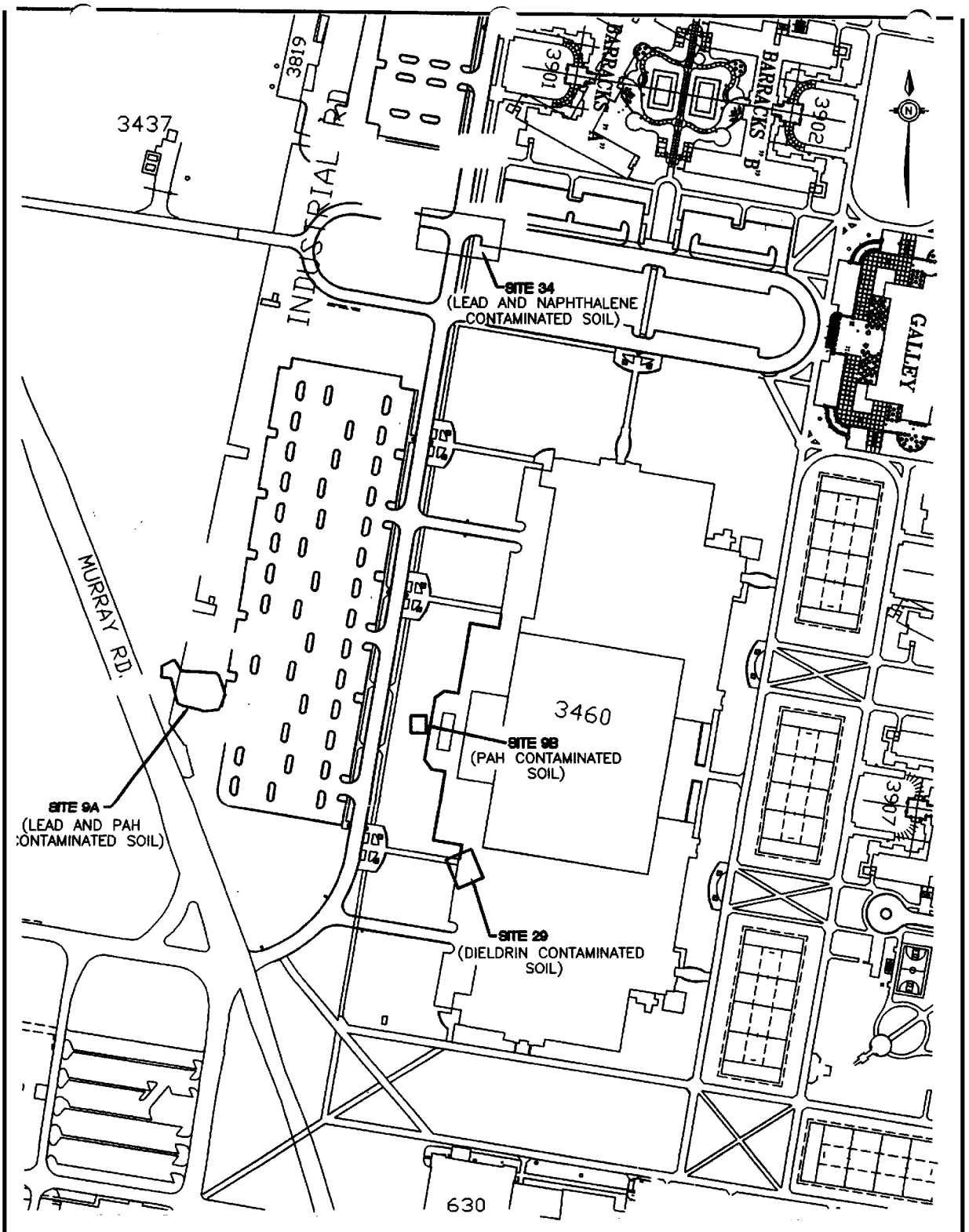
Figure 2-5 details the Pre-BRAC layout of the OU6 Interim Soil Removals. Figure 2-6 details this layout under current site conditions. Site 9A is depicted on both figures.



REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA

FIGURE 2–5
INTERIM SOIL REMOVAL LOCATIONS
(PRE–BRAC DEPICTION)

DWG DATE: 06/23/97 DWG NAME: 70ISRC25



LEGEND

SITE – INTERIM SOIL REMOVAL LOCATION

200 0 200
SCALE FEET

REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA

FIGURE 2-6
INTERIM SOIL REMOVAL LOCATIONS (CURRENT CONDITIONS) AND SITE 9A

DWG DATE: 06/23/97 | DWG NAME: 70ISRLC6

Confirmatory samples collected from Site 9B (the area in and around boring 09S06) revealed only dieldrin sightly above the USEPA soil screening level (SSL). No PAHs above PRGs were found in the confirmatory samples. At Site 29, confirmatory samples revealed dieldrin above the SSL at two locations. At Site 34, all perimeter confirmatory samples contained dieldrin above the SSL, however, no lead or naphthalene above PRGs were found in the confirmatory samples. Also, dieldrin was not found in groundwater at Sites 29 and 34.

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3.0 ENVIRONMENTAL SETTING

3.1 Physiography

NAS Pensacola is in the Gulf Coast lowlands on a peninsula bounded by Pensacola Bay to the south and east and Bayou Grande to the north. Its main topographic feature is a bluff paralleling the peninsula's southern and eastern shorelines. Landward of the bluff is a gently rolling upland with elevations up to 40 feet above msl (U.S. Geological Survey [USGS], 1970a and 1970b). In the eastern part of the base, a low and nearly level marine terrace lies east of the bluff with elevations of approximately five feet or less above msl. This area was formerly Chevalier Field and Magazine Point.

As sandy soil is typical in the NAS Pensacola area, most rainfall infiltrates directly into the subsurface, resulting in few natural streams. Streams on base generally are man-made and channelized. Numerous natural wetlands occur in low-lying areas.

3.2 Stratigraphy and Hydrogeology

Stratigraphy beneath the Florida Panhandle generally consists of Quaternary marine terrace and fluvial deposits, underlain by a thick sequence of interlayered fine-grained clastic deposits and carbonate strata of Tertiary age (Southeastern Geological Survey [SEGS] 1986). Three main regional hydrogeologic units have been described within this stratigraphic column (in descending order): the Surficial/Sand-and-Gravel Aquifer, the Intermediate System, and the Floridan Aquifer System. Figure 3-1 provides a generalized cross-section of these hydrogeologic units in northwest Florida.

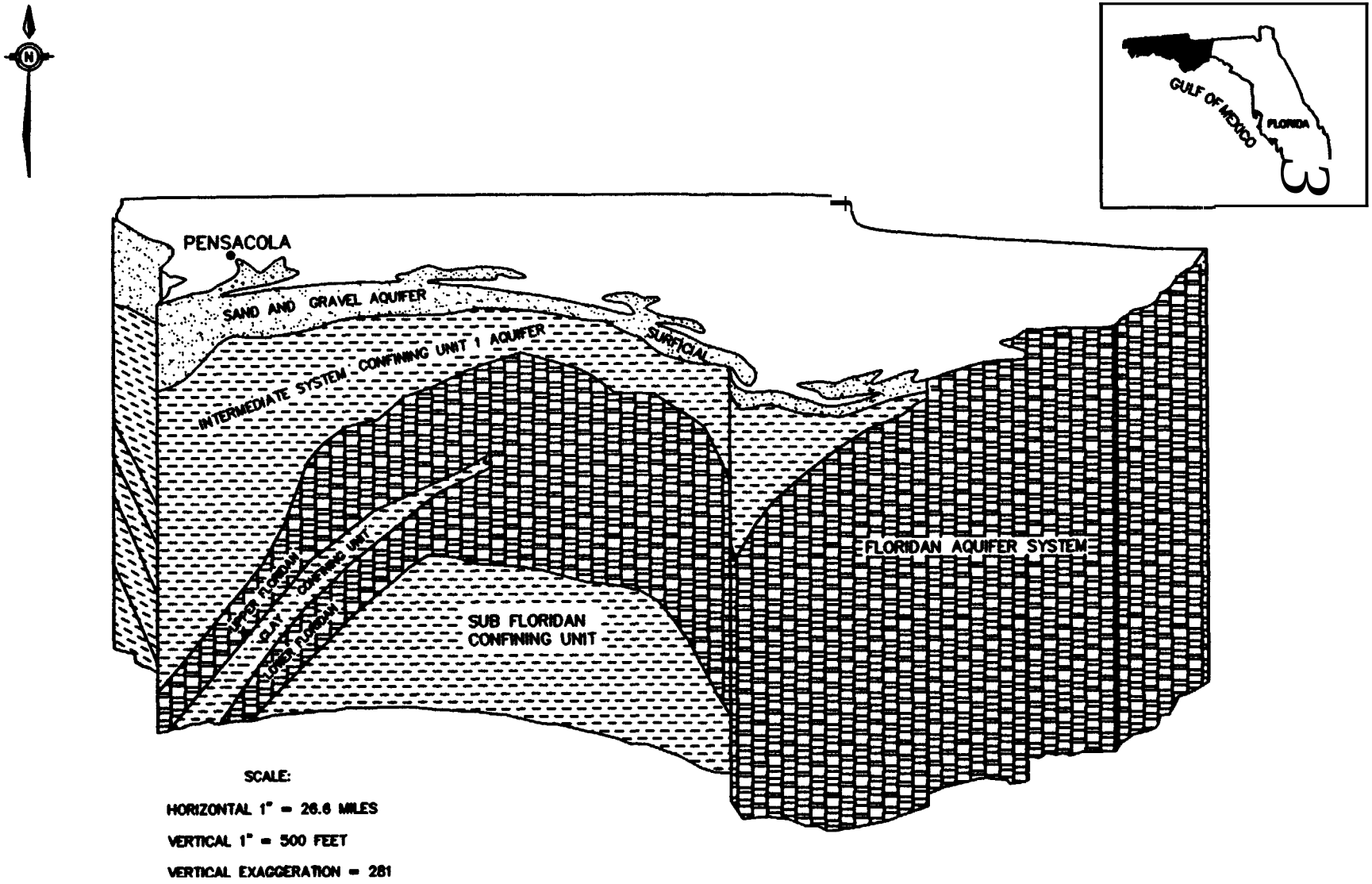
Surficial/Sand-and-Gravel Aquifer

The Surficial Aquifer, comprised primarily of unconsolidated siliciclastic sediments is approximately 300 feet thick at NAS Pensacola. These sediments belong to undifferentiated Pleistocene-Holocene terrace deposits, the Pliocene Citronelle formation, and underlying Miocene

coarse clastics (Wilkins et al. 1985). West of the Choctawhatchee River in northwest Florida, the Surficial Aquifer is referred to as the Sand-and-Gravel Aquifer, and is a major source of drinking water (SEGS, 1986). The Florida Department of Environmental Protection (FDEP) classification of the Surficial Aquifer is G-1 with a USEPA classification of IIA. Because the Sand-and-Gravel Aquifer is the uppermost Unit contiguous with land surface and receives recharge through direct infiltration, it is susceptible to contamination from surface activities. In the vicinity of NAS Pensacola, the Unit has been subdivided into three distinct zones based on hydrogeologic differences (in descending order): *the surficial* zone, *the low permeability zone,* and *the main producing zone* (Wilkins et al., 1985). This investigation focuses on the upper (shallow depth) and basal (intermediate depth) portions of the surficial zone. A generalized cross-section of the Sand-and-Gravel Aquifer produced by G&M (1984), as shown in Figure 3-2, illustrates the stratigraphic relationship of these zones.

Surficial Zone

The surficial zone is contiguous with land surface and contains groundwater under water table or perched conditions. At NAS Pensacola, the surficial zone is approximately 40 to 60 feet thick and is generally composed of a poorly graded quartz sand (G&M, 1984 and 1986). Beneath the western side of the base, a substantial stratum of *sand* with abundant organic matter occurs within the zone and pinches out to the east. Depth to groundwater ranges from 0 to 20 feet depending on ground surface elevation. Aquifer tests have yielded high hydraulic conductivities, on the order of 10^{+1} to 10^{+2} feet/day (E&E, 1990). The lower contact with the low permeability zone is transitional, resulting in a *fining* downward sequence in the lower portion of the surficial zone proper. Generally, the low permeability zone is thicker to the west, and thins to the east. This increased clay content in the transition from the surficial to the low permeability zone is responsible for the lower hydraulic conductivities that have been measured in the base of the surficial zone.



SOURCE: E&E 1992c.

REMEDIAL
INVESTIGATION
OU6
NAS PENSACOLA

FIGURE 3-1
GENERALIZED GEOLOGIC CROSS-SECTION OF
HYDROGEOLOGIC UNITS IN
NORTHWEST FLORIDA

DATE: 06/23/97 | DWG NAME: 70GCSOU6

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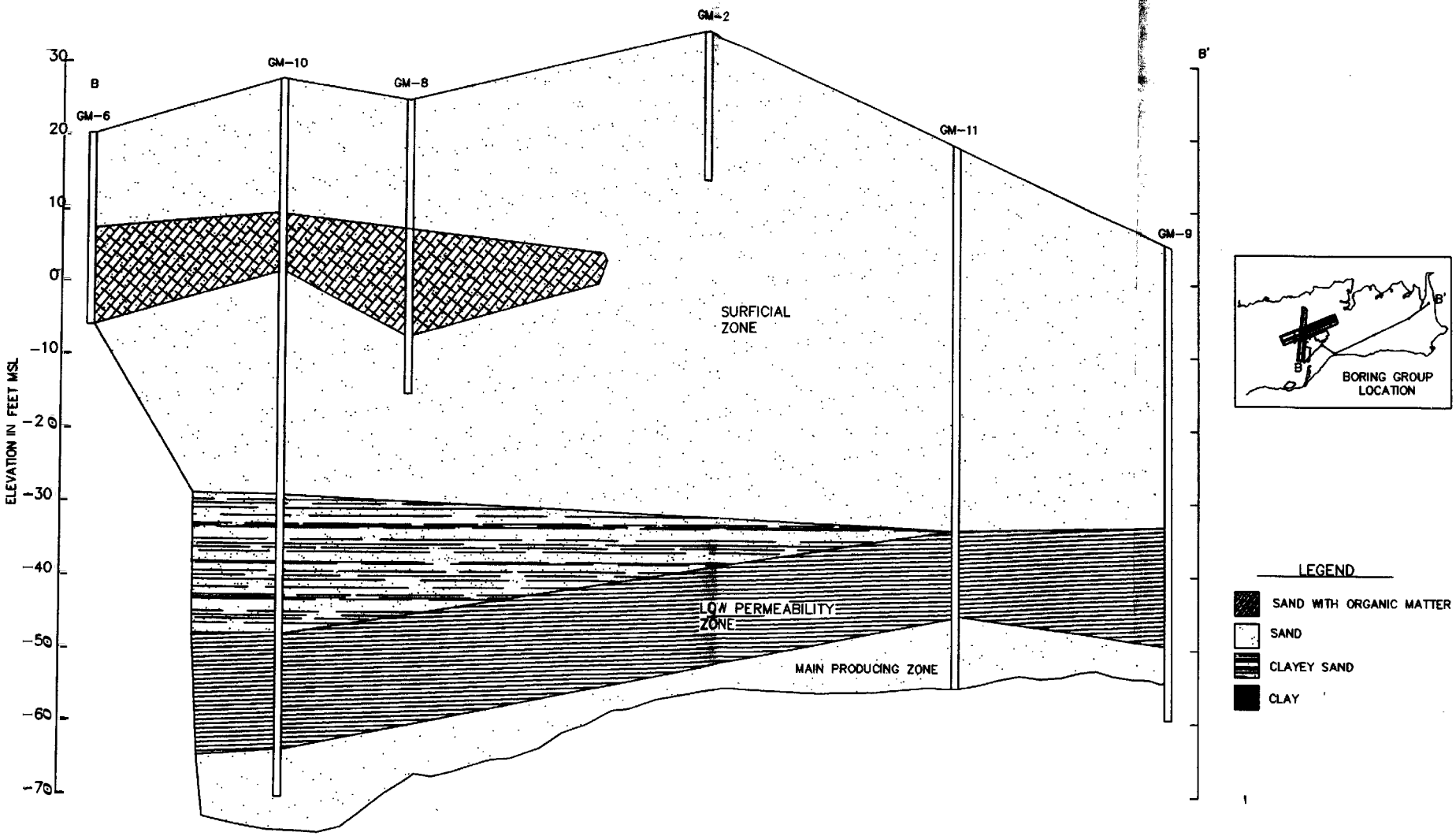

SOURCE: GERAGHTY & MILLER, 1986

REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA

FIGURE 3-2
GEOLOGICAL CROSS-SECTION OF THE SURFICIAL AQUIFER AT NAS PENSACOLA

DATE: 06/23/97 | DWG NAME: 70CSSAU6

Shallow groundwater flow in the surficial zone is generally influenced by topography, usually flowing toward and discharging to the nearest surface water body.

Low Permeability Zone

The low permeability zone underlies the surficial zone and is characterized by clay and silt-sized sediments. At NAS Pensacola, this zone is composed of gray to blue, gray sandy and silty marine clay with some shell fragments and clayey sands, with total thickness ranging from 8 to 40 feet (G&M, 1984 and 1986). The upper contact is transitional with the overlying surficial zone; however, the top of the low permeability zone is marked by the first occurrence of a stiff blue-gray clay. Studies at NAS Pensacola indicate the low permeability zone is continuous beneath the air station. Hydraulic conductivities of the low permeability zone are much lower than the overlying surficial zone, ranging between the orders of 10^{-4} feet/day for clays and 10^{+0} feet/day for clayey sands (G&M, 1986). Hence, the low permeability zone acts as a confining or semiconfining layer to inhibit groundwater flow between the overlying surficial and underlying main producing zones.

Main Producing Zone

The main producing zone underlies the low permeability zone and comprises the bottom portion of the Sand-and-Gravel Aquifer. Regionally, depth to the top of the zone ranges from 60 to 120 feet. The zone is composed of sand and gravel with thin beds of silt and clay, and is estimated to be approximately 300 feet thick at NAS Pensacola. Of the three zones in the Sand-&-Gravel Aquifer, this one is generally the most permeable and is the principal source of water supply for the Pensacola area (Wilkins et al., 1985). Groundwater in this zone generally is confined. It recharges primarily north of southern Escambia County and is supplemented by leakage in the southern parts of the county. Regional groundwater flows generally east toward Pensacola Bay and south toward the Gulf of Mexico. Three supply wells at NAS Pensacola produce water from this zone. However, the water has a high iron content and the wells are used to supplement the base water supply, to irrigate the base golf course, and for fire protection (G&M, 1984 and 1986).

For potable water, NAS Pensacola depends on an offsite water source provided from main producing zone wells at Corry Field, approximately 3 miles to the north.

Intermediate system

The Intermediate System, a regionally and vertically extensive, laterally persistent hydrologic unit, underlies the Surficial/Sand-and-Gravel Aquifer. The system is comprised of fine-grained clastic units of Miocene age (Pensacola Clay, Alum Bluff Group) that lie beneath coarse clastics of the overlying Sand-and-Gravel Aquifer. In the vicinity of NAS Pensacola, depth to the top of the unit is approximately 300 feet, with a thickness of approximately 1,100 feet (Wilkins et al., 1985; SEGS, 1986). The system is regionally characterized by poor to non-water-bearing conditions. Permeabilities are much lower than those of the overlying Sand-and-Gravel Aquifer and the underlying Floridan Aquifer System, and consequently the system functions as a confining unit for the underlying Floridan Aquifer System (SEGS, 1986).

Floridan Aquifer System

The Floridan Aquifer System underlies the Intermediate System at an approximate depth of 1,400 feet in the NAS Pensacola area. The unit is predominantly limestone, but is separated into upper and lower units by a significant clay layer *called* the Bucatunna Clay (see Figure 3-1). Groundwater within the Floridan System is highly mineralized in the area of NAS Pensacola and is not used for water supply (Wagner et al., 1984). However, groundwater from the Upper Floridan Aquifer is used for water supply as close as approximately 25 miles east of NAS Pensacola.

3.3 Ecological *setting*

3.3.1 Regional Ecological *Setting*

According to Wolfe et al. (1988), the Florida panhandle has a wide variety of surface waters and physiographic regions, resulting in an ecological diversity found in few other areas of the

United States. Watersheds of the panhandle support a diverse array of habitats and vegetation communities. Bottom-land hardwoods predominate in river floodplains, and pines and shrubs prevail in upland areas. Wetlands are prevalent along the coastal fringe and river floodplains. Barrier islands support dune vegetation communities and salt marshes. Bays in intertidal and subtidal areas support seagrass meadows and oyster reefs.

Seven major rivers in the region discharge into seven bar-built estuaries at their mouths. The Florida panhandle is a crossroads where animals and plants from the Gulf Coastal Plain reach their eastward distributional limits, and where many northern species reach their southern limits. Many peninsular Florida species are also distributed there. Due to the wet temperate climate, the panhandle area may support greater species diversity than any other similar-sized territory in the United States.

The high annual rainfall and low, gently sloping terrain creates numerous wetlands in the region. Bogs, swamps, marshes, wet prairies, and wet flatwoods provide a diversity of wetland types supporting a wide variety of flora and fauna. Terrestrial vegetation includes open pine woods and hardwood forests; most are second-growth forests of pines and encroaching hardwoods.

The Florida Panhandle's estuaries and nearshore marine habitats are some of the greatest natural and economic assets of the region. Important commercial organisms (such as oysters and fish) abound in these areas and contribute to the region's economy. Coastal saltmarsh habitats provide critical nursery, feeding, and refuge for these important commercial species. Seagrass beds within estuaries also are vital to the seafood industry.

3.3.2 Ecological Setting at NAS Pensacola

NAS Pensacola, which occupies approximately 5,800 acres, is bounded by Bayou Grande to the north and Pensacola Bay to the east and south. To the west, the installation transitions to less

developed swampy lowlands. NAS Pensacola's eastern portion is largely developed, with military and industrial facilities and historical/cultural sites. Most of the installation's activities are on the eastern side of the base. The less developed west side of the base has approximately 3,500 acres of natural or semi-natural beach areas, forests, and wetlands.

NAS Pensacola has numerous aquatic and terrestrial habitats, from coastal strand and estuarine environments along the bay and bayou to inland pine flatwoods communities. Wetland environments include a broad spectrum of both estuarine and palustrine wetlands, as well as various disturbed habitats, many in states of recovery as they undergo reforestation or return to their natural condition.

Vegetation Communities

NAS Pensacola's natural vegetation communities fall into several broad categories: (1) coastal dune scrub communities, (2) pine flatwoods communities, (3) hardwood/pine communities, (4) sand pine scrub communities, (5) bay swamps, (6) freshwater marshes, and (7) estuarine coastal marshes (U.S. Fish and Wildlife Service [USFWS], 1987). Coastal dune scrub communities are associated with shorelines subject to high energy waves. The vegetation consists of salt-tolerant plants able to establish themselves in shifting sands. Pine flatwood communities in coastal lowlands are characterized by trees that can tolerate various soil moisture conditions. Tree species in flatwoods communities are short, with a wide variety of small shrubs and herbaceous plants in the understory. Hardwood/pine communities are a highly diverse mixture of hardwood trees and pines. Sand pine scrub communities on well-drained sandy soils contain sand pines, oaks, and various shrubs. Bay swamps are wetlands with titi and cypress swamps known to contain permanent standing water and high accumulations of organic peat. Freshwater marshes occur as grass/sedge/rush/herb communities in areas with high soil saturation or standing water. Estuarine coastal marshes, including salt marshes, occur along low energy shorelines and in tidal bayous (USFWS, 1987).

Wildlife

NAS Pensacola habitats provide potential *ranges* for a wide variety of animal life such as deer, squirrel, opossum, raccoon, fox, beaver, and bobcat. The station's beaches serve as resting, feeding, and nesting areas for various shorebirds. Ospreys have been observed nesting along undeveloped shoreline areas of the Big Lagoon, southeast of the Forrest Sherman Airfield. Numerous small mammals, amphibians, and reptiles also inhabit the base. The coastal marsh, submerged grass bed, and shallow water habitats at NAS Pensacola help support fishery communities within the Pensacola Bay estuarine complex. Approximately 180 species of bony fishes form the basis of the Pensacola Bay fish community (USFWS, 1987).

Threatened and Endangered Species

Appendix A of the Comprehensive Natural Resources Management Plan for NAS Pensacola and OLF Bronson lists the rare, threatened, and endangered species that may be found within NAS Pensacola boundaries (USFWS, 1987). E/A&H investigations of different areas of NAS Pensacola have identified osprey, great blue heron (as well as other shorebirds), alligator, snapping turtle, Godfrey's golden aster, Carolina lilaeopsis, white-top pitcher plant, and narrow-leaved sundew. All are considered rare or endangered for Escambia County, Florida, by the Florida Natural Areas Inventory (1994).

3.4 Area Climate

The Pensacola area has a mild subtropical climate, with average annual temperature ranging from 55°F in the winter to 81°F in the summer. Daily temperatures can be more extreme, ranging from less than 7°F in *the* winter to more than 102°F in *the* summer. Thunderstorms, which occur on approximately half the summer days, *can* cause a precipitous drop in temperature of 10 to *20* degrees in a matter of minutes (E&E, 1992f).

November is the driest month of the year, with an average rainfall of 3.2 inches, based on climatological data from 1962 to 1991. Rainfall averages approximately 60 inches a year, with the highest amounts in July and August when thunderstorms occur almost daily. Thunderstorms resulting in 3 to 4 inches of rain per hour are common. Rainfall is lowest *during* spring and fall (4 inches average per month). In general, spring and fall rains are less intense, last longer, and produce less surface runoff, but result in higher rates of infiltration and net recharge (E&E, 1992f).

Winds, which prevail from the north during the winter and the south during the summer, are generally moderate in velocity, except during thunderstorms. A difference in the ocean-land temperature produces the sea-breeze effect, a daily clockwise rotation in the surface wind direction near the coast. Hurricanes and tornadoes can substantially damage the nearshore environment. Since 1980, eight hurricanes have passed within 50 miles of Pensacola, the most recent being Hurricanes Erin and Opal in August and October 1995, respectively.

4.0 PRELIMINARY SURVEYS

4.1 Phase I Surveys

Preliminary surveys for each site were performed *during* the 1991 Phase I investigations conducted by E&E. Section 2.2 of this report, Site History and Previous Investigations, summarizes the *findings*, and the investigations are discussed in each site's Interim Data Report (E&E, 1992c,d,e).

4.2 CSS

A CSS was conducted before each field investigation. The survey was used to quantify information on past and present site activities or incidents that may have resulted in known or suspected releases of contamination to the environment.

The following sources were reviewed:

- Previous investigation reports and site historical information
- NAS Pensacola PWC drawings and utility maps
- Aerial photographs

NAS Pensacola personnel were also interviewed.

CSS Findings

Aerial photographs from 1951 to 1989 indicate changes in site activities and surface features, such as repeated *earth* moving, backfilling, and paving. Early photographs depict the eastern portion of the site as largely beneath the pavement of Chevalier Field's runways, taxiways, and parking apron. The western portion of the site was largely unpaved, with a sandy soil surface. Surface drainage appears to be westward, toward the paved ditch leading to the yacht basin (E&E, 1992c). Further construction activities appear in later photographs, with the installation of the industrial waste sewer line throughout the site area, and the construction of Buildings 3460, 3557, and other

buildings or structures currently associated with NADEP. Extensive reconstruction of the concrete parking apron also occurred. Commensurate with construction of facilities on Chevalier Field, new road construction occurred in the southwest portion of the site area. Road modifications and construction included Murray, Moffett, and Industrial Roads, and Ellyson Avenue. The excavation, trenching, backfilling, and grading activities associated with the extensive construction could have redistributed pre-existing contaminants (E&E, 1992c,d,e).

The industrial waste sewer line, which traverses portions of Sites 9, 29, and 34, was a potential source of contaminants for these sites. Approximately 2,700 feet of gravity-fed sewer line constructed of vitreous clay pipe branched throughout the site area. The sewer line transported various wastes to the industrial waste water treatment plant on Magazine Point. Most wastes entered the sewer line without any pretreatment, and may have included everything used at NADEP facilities (strippers, solvents, waste oils, etc.). The sewer line was subject to numerous failures, such as pipes breaking and lift stations failing, which caused leaks and spills along the route. It was assumed that leaks from the industrial waste sewer line south of Building 3460 in 1981 caused the hazards identified at Site 29 (see Section 2.2) and any contamination associated with the site (E&E, 1992b). Results of the Phase I investigations suggest that the industrial waste sewer line may have contributed contaminants to all three sites (E&E, 1992c,d,e).

In addition to these sources, at least one spill was documented in relation to the tank farm north of Building 3557 and piping leading south into the building (Site 34) (E&E, 1992a).

4.3 Habitat and Biota Survey

Sites 9, 29, and 34 are in the southwest portion of the former Chevalier Field. The area encompasses the portion of the NATTC near the Consolidated Training School, and the entry promenade to the NATTC. No natural plant or animal habitats exist at the site, which consists of weedy, ruderal habitat outside of developed or landscaped areas. There is heavy pedestrian and

vehicular traffic during the work week. The shoreline of Pensacola Bay is approximately 2,700 feet east of the center of the site area, and shorebirds are often seen near Chevalier Field. These sightings are normally associated with wetlands east of Chevalier Field and the drainage ditch to the west. E/A&H biologists involved in the RI field investigation did not notice shorebird activity within the site boundaries. However, this does not mean that shorebirds do not visit the site area during periods of reduced human activities (weekends, after working hours, etc.).

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5.0 FIELD INVESTIGATION APPROACH

The U.S. Navy-, USEPA-, and FDEP-approved work plans and SAPs for the OU6 sites outline a multi-phased investigation consisting of soil borings, installation of temporary and permanent monitoring wells, and collection of soil and groundwater samples for Target Analyte List/Target Compound List (TAL/TCL) analyses using Contract Laboratory Program (CLP) protocol. This phased approach was developed and agreed to by E/A&H, USEPA, FDEP, and the Navy in mid-January 1994. The forthcoming BRAC Commission construction deadlines at Chevalier Field mandated high priority for these sites.

Phase I of the investigation was conducted to determine whether or not contaminants at each site, and establish PRGs for identified constituents. Further assessment activities were determined by whether soil and groundwater samples exceeded the applicable PRGs. Phase II of the investigation was implemented to identify plume/soil contaminants that exceeded PRGs. Based on cost/time estimates, the approving organizations agreed to use temporary monitoring wells during the initial phases in addition to soil borings. The goal was to rapidly identify sources and types of contaminants above PRGs for soil and groundwater.

Contamination assessment data from the Phase I/II investigations were used to implement interim soil removal actions at select areas within OU6. These pre-BRAC assessments were discussed in detail in a technical memorandum for Phase I (E/A&H, 1994d), used to develop subsequent fieldwork phases, and in a draft RI report for Sites 9, 29, and 34 (E/A&H, 1995a). These assessments are summarized in the Site Description and History section (Section 2) of this RI.

PRGs and analytical results are discussed in Section 7 of this report, which reflects current conditions in the OU6 area subsequent to the interim soil removals and BRAC construction.

Analytical Parameters

In accordance with the SAPs for the OU6 sites, Phase I soil and groundwater samples were collected for full scan analyses using CLP TAL/TCL parameters. Analyses in subsequent phases were limited to specific groups of contaminants. Physical Parameters Soil (PPS), Grain Size (GS), and Physical Parameters Water (PPW) samples were also collected at selected soil and groundwater sampling locations.

Two different laboratories were used to process CLP samples. All Phase I and initial Phase II CLP samples were processed by Pace Laboratories, Inc., Hampton, NH. CLP samples collected during the final Phase II sampling effort (December, 1994) were processed by CompuChem Laboratories, Inc., Research Triangle Park, NC. PPS/PPW and GS samples were processed by Savannah Laboratories, Inc. and Thompson Engineering and Testing, Inc., both in Mobile, AL.

Sample Identification

The final Comprehensive Sampling and Analysis Plan (CSAP) specifies a 10-digit identification code for soil and groundwater samples. This code identifies samples by site, sample medium, and location, with other pertinent information as required (E/A&H 1994e):

- **Site** — The first three digits denote the site where the sample was collected.

- **Sample Matrix** — The fourth digit identifies the sample matrix as follows:

S	=	soil
C	=	Soil duplicate sample
G	=	Groundwater
H	=	Groundwater duplicate sample

T = Trip blank

E = Equipment rinsate blank

F = Field blank

K = Matrix spike sample

X = Matrix spike duplicate sample

- **Sampling Location** — The fifth through eighth digits represent the sampling location.

- **Depth** Interval — The ninth and tenth digits represent the depth interval or sample serial number.

An example of the final sample identification method is as follows:

009S002001 Site 9/soil boring/location 20/0-1 foot depth interval

5.1 Phase I Investigation

The Phase I Investigation for the OU6 sites was conducted by E/A&H during February, 1994, in conjunction with similar investigations for other sites falling under Category V of the NAS Pensacola SMP. All sample locations were placed in accordance with the final SAPs for these sites.

5.1.1 Phase I Soil Investigation

Figure 5-1 shows the Phase I soil boring and temporary well locations for the OU6 sites under current conditions. A total of 23 soil borings were advanced across the site area during Phase I:

- Site 9 — 9 soil borings

- Site 29 — 11 soil borings
- Site 34 — 3 soil borings

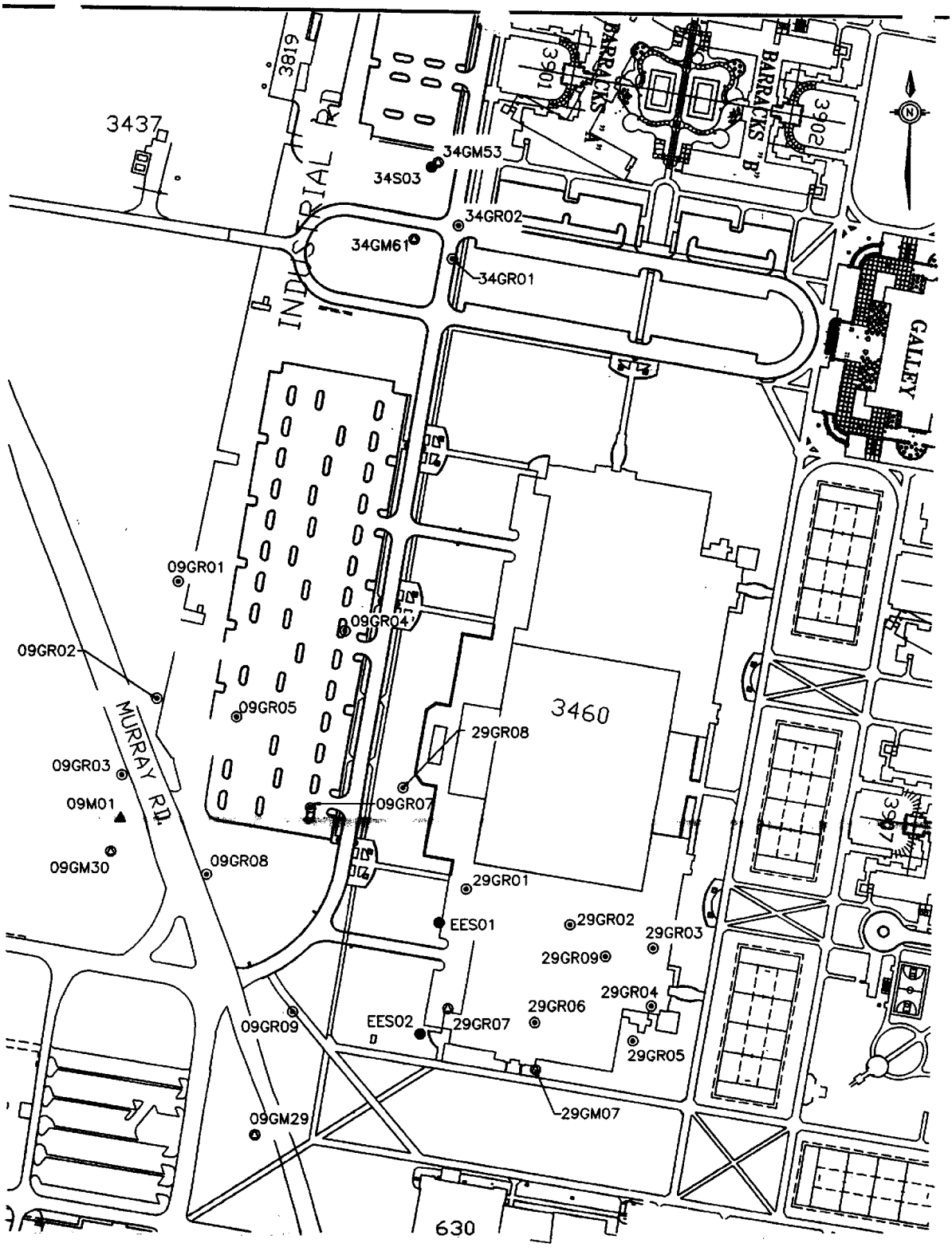
Twenty of these borings were converted into temporary monitoring wells. Two on Site 29 and one boring on Site 34 were not converted. The extra borings on Site 29 were advanced to verify findings of detectable concentrations of soil volatile constituents by another contractor. This contractor completed 50 composite soil samples (land surface to water table) across Chevalier Field on January 2, 1994. E/A&H added two borings to the scope of work for Site 29 at the same locations where these volatiles were detected by this contractor (E/A&H 1994d).

Phase I Soil Boring and Sampling Methodology

Twelve boring locations on Sites 29 and 34 required coring through concrete on the Chevalier Field parking apron to reach natural soil before drilling and sampling could begin: Constructed of unreinforced concrete, the apron varied in thickness from 16 to 18 inches. In accordance with Section 4.6.1 of the CSAP, soil samples were retrieved using a 24-inch stainless-steel split spoon pushed or hammered into the subsurface. The following intervals were sampled at each boring location: 0 to 1 foot, 1 to 3 feet, 3 to 5 feet bls, etc., until the saturated zone was reached. Lithologic descriptions, time and depth of sample, and vapor concentrations were noted on boring logs. Additional samples were taken at or just below the water table if odor and/or visual contamination was noted. Soil samples were collected according to the CSAP, with aliquots for VOC analysis collected immediately after retrieving the split spoon sampler to reduce degassing. Soil borings were performed at each site as follows:

site 9

A total of 15 soil samples, plus two duplicate samples, was collected from the nine Phase I soil borings. All samples were processed for TAL/TCL analysis. The water table varied in depth from 2 to 4 feet across the site. Borings were advanced to depths between 11.5 and 13.5 feet bls across the site for temporary well installation (E/A&H 1994d). Sampling interval lithologies for Site 9 are described in Section 6, Table 6-1.



LEGEND

- ◎ – SOIL BORING (COMPLETED AS A TEMPORARY WELL)
- ◐ – PERMANENT MONITORING WELL
- ● – SOIL BORING,
- A – SEDIMENT SAMPLE

200 0 200

SCALE FEET

REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA

FIGURE 5–1
PHASE I SOIL BORING AND TEMPORARY WELL LOCATIONS (CURRENT CONDITIONS)

DWG DATE: 06/23/97 | DWG NAME: 70TWLCC5

Site 29

Twenty-eight soil samples, plus four duplicate samples, were collected from the 11 soil borings advanced during the Phase I investigation. All samples were processed for fill TAL/TCL analysis. The water table varied in depth from 3 to 5 feet bls across the site. The nine borings converted into temporary monitoring wells were advanced to depths between 13 and 15 feet bls for well installation (E/A&H 1994d). Sampling interval lithologies for Site 29 are described in Section 6, Table 6-1.

site 34

Eleven soil samples, plus two duplicate samples, were collected from three Phase I soil borings. All samples were processed for full TAL/TCL analysis. The water table varied in depth from 3 to 9 feet bls across the site. The two borings converted into temporary monitoring wells were advanced to depths between 14 and 16 feet bls for well installation (E/A&H 1994d). Sampling interval lithologies for Site 34 are described in Section 6, Table 6-1.

Table 5-1 lists the OU6 Phase I soil samples and analytical parameters.

Table 5-1
OU6 Phase I Soil Samples

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Remarks
09S01	009S000101	0-1 ft.	2/2/94	Temporary well location.
	009S000103	1-3 ft.		
09S02	009S000201	9 1 ft.	2/2/94	Temporary well location.
09S03	009S000301	0-1 ft.	2/2/94	Temporary well location.
	009S000303	1-3 ft.		
09S04	009S000401	0-1 ft.	2/1/94	Temporary well location.
	009C000401[a]			
	009S000403	1-3 ft.		
09S05	009S000501	0-1 ft.	2/1/94	Temporary well location.

Table 5-1
OU6 Phase I Soil Samples

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Remarks
09S06	009S000601	0-1 ft.	2/1/94	Temporary well location.
	009C000601[a]			
	009S000603	1-3 ft.		
09S07	009S000701	0-1 ft.	2/1/94	Temporary well location.
09S08	009S000801	0-1 ft.	2/1/94	Temporary well location.
	009S000803	1-3 ft.		
09S09	009S000901	0-1 ft.	2/1/94	Temporary well location.
	009S000903	1-3 ft.		
09M01	009M000101	0-0.5 ft.	3/2/94	Sediment sample.
	009M000101D			
29S01	029S000101	0-1 ft.	2/2/94	Temporary well location.
	029C000101[a]			
	029S000103	1-3 ft.		
	029S000105	3-5 ft.		
29S02	029S000201	0-1 ft.	2/2/94	Temporary well location.
	029S000203	1-3 ft.		
	029S000205	3-5 ft.		
29S03	029S000301	0-1 ft.	2/3/94	Temporary well location.
	029C000301[a]			
	029S000303	1-3 ft.		
	029S000305	3-5 ft.		
29S04	029S000401	0-1 ft.	2/3/94	Temporary well location.
	029S000403	1-3 ft.		
	029S000405	3-5 ft.		
29S05	029S000501	0.1 ft.	2/3/94	Temporary well location.
	029S000503	1-3 ft.		
29S06	029S000601	0-1 ft.	2/4/93	Temporary well location.
	029S000603	1-3 ft.		
29S07	029S000701	0-1 ft.	2/4/94	Temporary well location.
	029C000701[a]			
	029S000703	1-3 ft.		
29S08	029S000801	0-1 ft.	2/2/94	Temporary well location.
	029S000803	1-3 ft.		
29S09	029S000901	0.1 ft.	2/3/94	Temporary well location.
	029C000901[a]			
	029S000903	1-3 ft.		
	029S000905	3-5 ft.		
EES01 (Site 29)	EES0101	0-1 ft.	2/11/94	Soil boring only.
	EES0103	1-3 ft.		
	EES0105	3-5 ft.		

Table 5-1
OU6 Phase I Soil Samples

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Remarks
EES02 (Site 29)	EES0201	0-1 ft.	2/11/94	Soil boring only.
	EES0203	1-3 ft.		
34S01	034S000101	0-1 ft.	2/7/94	Temporary well location.
	034C000101[a]			
	034S000103	1-3 ft.		
	034S000105	3-5 ft.		
	034S000107	5-7 ft.		
	034S000109	7-9 ft.		
34S02	034S000201	0-1 ft.	2/7/94	Temporary well location.
	034S000203	1-3 ft.		
	034C000203[a]			
	034S000205	3-5 ft.		
	034S000206	5-6 ft.		
34S03	034S000301	0-1 ft.	2/7/94	Soil boring only.
	034S000303	1-3 ft.		

Note:
a = Duplicate sample.

Sediment Sample

A single sediment sample was collected from the channelized ditch west of Site 9 to characterize possible contaminants that may be migrating from Site 9 into surface runoff. The sample, plus one duplicate sample, was collected for TAL/TCL analysis accordance with procedures outlined in Chapter 7 of the CSAP (E/A&H 1994e).

5.1.2 Phase I Groundwater Monitoring

Temporary Monitoring Well Installation

Twenty of the 23 soil brings completed on Sites 9, 29, and 34 were converted into temporary monitoring wells (Figure 5-1). After collecting appropriate soil samples, boreholes were advanced using hollow-stem auger *techniques* with decontaminated 4.25-inch inside diameter hollow-stem augers. Section 5 of the CSAP outlines the monitoring well installation procedures used for the OU6 sites. During temporary well construction, boreholes were advanced deep enough for the screed interval to bracket the water table. Each well was constructed of flush threaded, 2-inch

diameter Schedule 40 polyvinyl chloride (PVC) casing, terminating with a 10-foot length of 0.01-inch factory slotted well screen. Twenty/thirty silica sand was used to fill the annular space between the well assembly and borehole, to approximately 2 feet above the top of the screen. Ten of the 11 monitoring wells on Sites 29 and 34 were installed through holes cored through the concrete apron surrounding these sites. Risers on these wells were terminated at ground surface due to the high traffic activity in the site area. One Site 29 monitoring well and all Site 9 monitoring wells were constructed off of the pavement. The risers on these wells extended approximately 18 to 40 inches above land surface. Temporary monitoring well locations for the OU6 sites are shown on Figure 5-1. No cement surface seals or protective casings were installed in temporary wells. However, a 6-inch bentonite seal was emplaced around the top of each well riser to prevent infiltration of surface runoff through the borehole, and the open end of each PVC well riser was secured with a locked well cap.

Information regarding drilling activities was recorded in site logbooks and on boring log forms (E/A&H 1994d). The latter are provided in Appendix A. Table 5-2 lists construction details for the OU6 temporary monitoring wells.

Existing Monitoring Wells

Six existing monitoring wells, installed by G&M during the 1984 and 1986 Verification/Characterization studies, were sampled along with the temporary wells. Table 5-3 lists construction details for the OU6 existing monitoring wells.

Well Development

Well development was performed in accordance with Section 5.4 of the CSAP, using a 3.5 hp centrifugal pump/decontaminated 0.75-inch PVC hose and footvalve assembly. Wells were first surged for 10 minutes to loosen fines within the filter pack before development. Development continued until turbidity, conductivity, pH, and temperature stabilized. In many cases, to realize

Table 5-2
Construction Details for OU6 Temporary Monitoring Wells

Well No.	Surface Elev. (ft.)	TOC* Elev. (ft.)	Total Depth (ft./bls)	Screened Interval (ft./bls)	Depth to H2O** (ft./bls)	GW Elev. (ft./msl)
09GR01	5.26	8.51	12.01	1.52-10.52	2.78	2.48
09GR02	5.31	6.82	11.72	1.37-11.37	4.37	0.94
09GR03	4.82	6.73	11.52	1.02-11.02	2.36	2.46
09GR04	5.30	7.17	11.87	1.37-11.37	2.44	3.26
09GR05	4.86	6.53	12.63	2.13-12.13	1.91	2.95
09GR06	7.11	9.54	12.58	2.08-12.08	3.86	3.25
09GR07	5.88	7.76	11.32	0.82-10.82	2.45	3.43
09GR08	5.47	7.56	11.63	1.13-11.13	2.31	3.16
09GR09	6.58	10.39	11.57	1.07-11.07	2.98	3.60
29GR01	8.34	7.86	11.92	1.42-11.42	4.88	3.46
29GR02	8.81	8.24	13.86	3.36-13.36	5.48	3.33
29GR03	8.73	8.78	13.08	2.58-12.58	5.35	3.38
29GR04	8.27	8.20	12.46	1.96-11.96	4.99	3.28
29GR05	7.90	7.56	12.46	1.96-11.96	4.65	3.25
29GR06	7.47	7.33	13.43	2.93-12.93	4.04	3.43
29GR07	7.16	6.63	12.59	2.09-12.09	3.56	3.60
29GR08	7.22	10.64	11.72	1.22-11.22	3.83	3.39
29GR09	8.52	7.n	14.53	4.03-14.03	5.17	3.35
34GR01	9.78	10.00	16.24	5.74-15.74	7.89	1.89
34GR02	8.80	8.03	15.00	4.50-14.50	6.78	2.02

Notes:
* = Top of casing.
** = Depths to water measured February 15, 1994. Depths measured from top of casing.

Table 5-3
Construction Details for OU6 Existing Monitoring Wells

Well No.	Surface Elev. (ft.)	TOC* Elev. (ft.)	Total Depth (ft./bls)	Screened Interval (ft./bls)	Depth to H2O** (ft.)	GW Elev. (ft.)
GM-07 (Site 29)	7.10	8.59	10.75	8.25-10.75	3.57	3.53
GM-29 (Site 9)	6.60	7.55	11.62	9.12-11.62	3.19	3.41
GM-30 (Site 9)	4.56	5.71	11.65	9.15-11.65	2.77	1.79
GM-53 (Site 34)	3.27	5.62	15.50	13.00-15.50	3.59	2.03
GM-61 (Site 34)	8.76	8.52	86.89	84.39-86.89	6.76	2.00
GM-57 (Site 34)	9.03	8.68	13.20	10.70-13.20	6.64	2.39

Notes:
* = Top of casing.
** = Depths to water measured February 15, 1994.

lower turbidity, development continued after the other parameters had stabilized. Once turbidity had stabilized under 20 nephelometric turbidity units, the well was considered developed. On average, 40 gallons of groundwater was pumped from each temporary well *during* development (E/A&H, 1994d).

Groundwater Contamination Assessment Sampling

Section6 of the CSAP discusses the procedures used for groundwater sampling at OU6 in detail. Wells were purged and sampled using the "quiescent" sampling method. A peristaltic pump and decontaminated, 0.25-inch outside diameter Teflon tubing were used to purge wells at a slow, controlled pumping rate (varying from 0.04 to 0.25 gpm). Temperature, conductivity, pH, turbidity, and purge volume were monitored and recorded. Wells were sampled after at least three volumes were purged and when field parameters and turbidity stabilized to within ±10 percent

over three consecutive readings. If high turbidity was encountered, additional water was purged until turbidity fell within acceptable limits (20 NTU or less). Groundwater samples were collected immediately through the purge tubing into a 300 series, laboratory certified, 80 oz. glass jug ("transfer bottle"). The transfer bottle was used to carefully decant the groundwater into the appropriate sample bottles. The order of sampling was metals, cyanides, SVOCs, and pesticides/PCBs. Volatiles were collected directly from the Teflon purge tubing. Table 5-4 outlines the OU6 Phase I groundwater samples.

5.2 Phase II Investigation

A second phase (Phase IIa) of field work was conducted at the OU6 sites during May 1994. Follow-on Phase II (Phase IIb) sampling took place during August, September, December 1994, and January 1995. The Phase IIa work was based on analysis of results from the Phase I sampling effort. The Phase IIb work was conducted to further delineate contamination, to verify/clarify the findings of the earlier phases, and to fill data gaps. The phase IIa/b effort included select soil borings across all three OU6 sites, the installation of two permanent monitoring wells on Site 34, and select groundwater sampling. Analyses of samples collected during the Phase IIa/b sampling were based on data requirements resulting from previous sampling. Phase II sample analyses thus varied from the full TAL/TCL component list to select contaminants from the list. PPS, GS, and PPW samples were also collected during the Pbase IIb sampling. Figure 5-2 depicts the Site 9, 29, and 34 Phase II soil and groundwater sample locations.

5.2.1 Phase II Soil Investigation

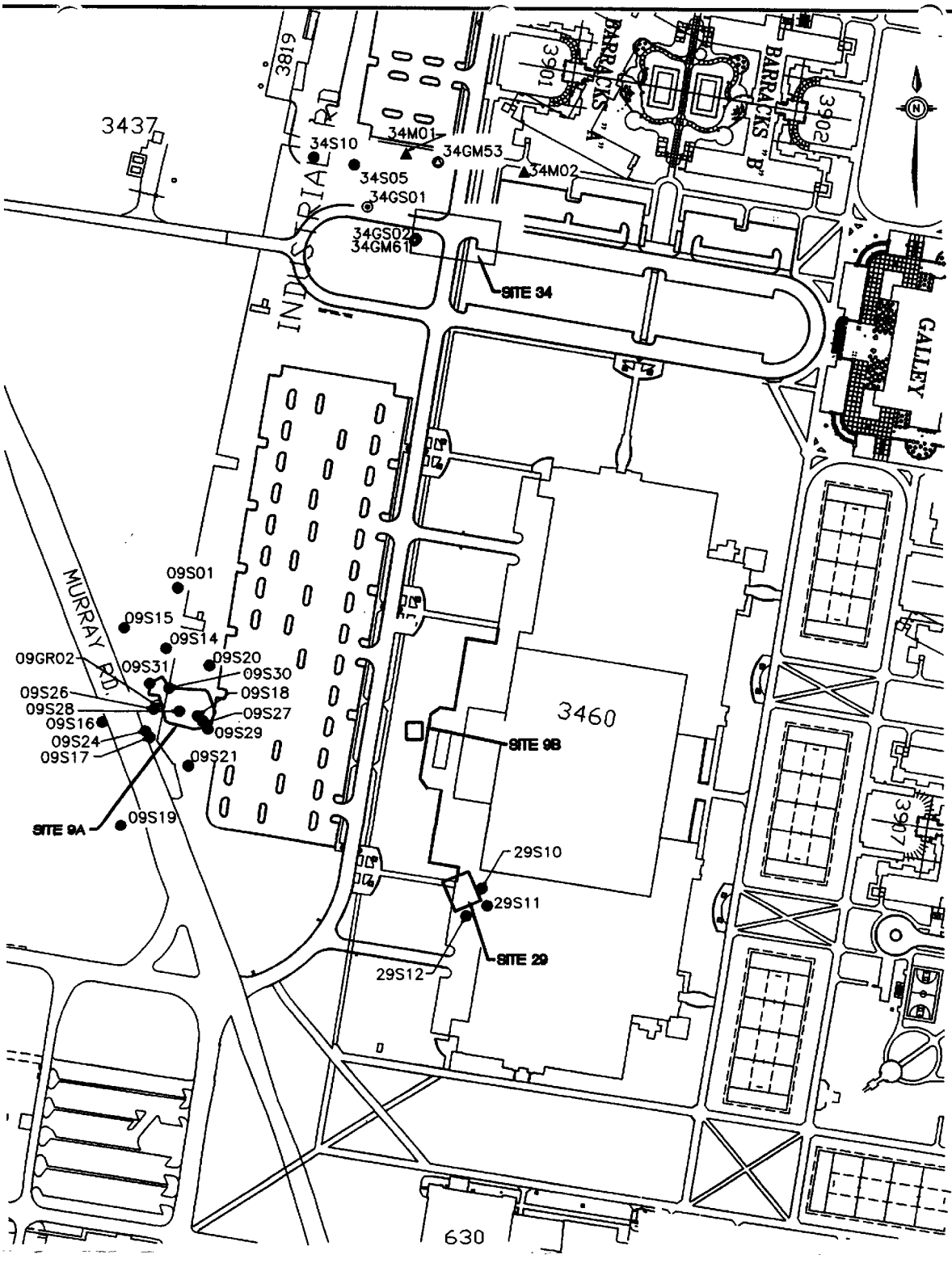
A total of 36 borings were advanced across the site area during the Phase II investigation:

- Site 9 – 22 borings
- Site 29 – 6 borings
- Site 34 – 8 borings

Table 5-4
Phase I Groundwater Samples

Well Number	Sample Number	Date Sampled
09GR01	009G000100 009H000100[a]	2/4/94
09GR02	009G000200	2/3/94
09GR03	009G000300	2/3/94
	009G000400 009H000400[a]	2/3/94
09GR05	009G000500	2/3/94
009GR06	009G000600	2/3/94
09GR07	009G000700	2/3/94
09GR08	009G000800	2/3/94
09GR09	009G000900	2/3/94
GM-29	009GGM2900	2/4/94
GM-30	009GGM3000	2/4/94
29GR01	029G000100	2/8/94
29GR02	029G000200	2/8/94
29GR03	029G000300	2/8/94
29GR04	029G000400	2/8/94
29GR05	029G000500	2/8/94
29GR06	029G000600	2/8/94
29GR07	029G000700	2/8/94
29GR08	029G000800 029H000800[a]	2/8/94
29GR09	029G000900	2/8/94
G M M	029GGM0700	2/8/94
34GR01	034G000100	2/10/94
34GR02	034G000200 034H000200[a]	2/10/94
OM-53	034GGM5300	2/10/94
GM-57	034GGM5700	2/10/94
GM-61	034GGM6100	2/10/94

Note:
a = Duplicate sample.



LEGEND

- SOIL BORING (COMPLETED AS A TEMPORARY WELL)
- PERMANENT MONITORING WELL
- SOIL BORING
- A – SEDIMENT SAMPLE
- SITE – INTERIM SOIL REMOVAL LOCATION

200 0 200

SCALE FEET

REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA

FIGURE 5-2
PHASE II SOIL AND GROUNDWATER SAMPLE LOCATIONS (CURRENT CONDITIONS)

DWG DATE: 06/24/97 | DWG NAME: 70SLCCII

Phase IIa/b soil samples were analyzed according to data requirements determined during previous sampling. Some samples were analyzed for the full TAL/TCL component, while others were analyzed for select contaminants. PPS and GS samples wen also collected at each site to delineate the physical properties of the soil.

Phase II Soil Boring and Sampling Methodology

Eight Phase II borings on sites 29/34 were on the concrete apron surrounding Buildings 3460 and 3557, requiring coring prior to sampling. This was done as described for the Phase I sampling. Other samples located on grassy or sandy soil could be retrieved without any site preparation. Phase II soil samples were retrieved using hand auger procedures, as outlined in Section 4.4 of the CSAP, rather than by the 24-inch split-spoon method used during Phase I. Lithological descriptions, time and depth of sample, and vapor concentrations were noted on boring logs. Boreholes were backfilled with unused auger cuttings once sampling was completed. Soil borings were performed on each site as follows:

Site 9

Ten Phase IIa soil borings were advanced across Site 9 between May 18 and 23, 1994. Twenty-four samples plus two duplicate samples were collected from nine borings. These were analyzed for semivolatiles only, based on the distribution of semivolatile concentrations found to exceed applicable PRGs during the Phase I sampling. The remaining boring, 09S18, yielded two samples that were analyzed for full TAL/TCL due to the appearance of an unidentified "burned" material in the borehole cuttings. Three Phase IIb soil borings were advanced across the site area on August 30, 1994 and sampled for PPS and GS analyses. Two Phase IIb brings were performed on September 12, 1994 to bracket and further characterize sample results from Phase IIa boring 09S18, which had concentrations of inorganics and semivolatiles above PRGs. Four samples plus one duplicate sample were collected from these borings and analyzed for

semivolatiles, cyanide, and metals. Three Phase IIb borings were advanced between December 7 and December 9, 1994, and analyzed for TAL/TCL

Four Phase IIb borings were advanced on June 5, 1996 to characterize metals contamination at Site 9A. Four samples were collected and analyzed for metals only.

Site 29

Four Phase IIa borings were advanced across the site on May 24, 1994. These borings were *spaced* around phase I boring location 29S01, to further characterize elevated pesticides and semivolatiles found at this location. Eight samples plus one duplicate sample were collected and analyzed for SVOCs and pesticides only. Two Phase IIb borings were advanced on August 30, 1994 and sampled for PPS and GS analyses. The water table level and subsurface lithologies were the same as in the Phase I investigation.

Site 34

Four phase IIa borings were advanced *across* the *site* on May 23, 1994. *One* soil boring (34S07) was located near Phase I sample location 34S01 to characterize elevated lead concentrations found there during Phase I. Four samples were collected from this boring and analyzed for lead only. A second Phase IIa soil boring (34S05) was advanced near the industrial waste water sewer line to characterize soil contaminants adjacent to the sewer line where it passes Site 34. Two samples plus one duplicate sample were collected and analyzed for full TAL/TCL. A third Phase IIa boring (34S06) was advanced near the shallow/deep well cluster installed on Site 34 by G&M in 1985. Cuttings from this boring were not sampled, and a permanent shallow monitoring well was constructed to replace shallow well GM-56 (found to need replacement *during* a previous well inventory). The fourth Phase IIa boring (34S04) was advanced at the western edge of Site 34 to *characterize* contaminants in the path of groundwater migration from the *site*. Three samples from this boring were analyzed for semivolatiles and volatiles only. One Phase IIb boring (34S01) was

a d d on *August* 30, 1994 and sampled for PPS and GS analyses. Two sediment samples were also collected from two locations on September 20, 1994 and analyzed for GS analysis. Two Phase IIb borings were advanced on December 7, 1994, and analyzed for TAL/TCL. A final Phase IIb boring was advanced on January 16, 1995 near the northwestern edge of the site. This sample was collected because of high headspace readings found by another contractor during a soil removal from a directly adjacent *site* (the aviation *gas* pipeline on the west side of Industrial Blvd.), and to ensure that Site 34 was not the source of elevated headspace readings. One sample plus one duplicate sample were collected from the auger cuttings and analyzed for full TAL/TCL. The water table level and subsurface lithologies at Site 34 were the same as in the Phase I investigation.

Table 5-5 lists the OU6 Phase II soil samples, analytical parameters, and sampling rationale.

5.2.2 Phase II Groundwater Monitoring

As with Phase 11 soil sampling, Phase 11 groundwater monitoring was conducted to further delineate sources of contamination, to verify/clarify the findings of the earlier phases, and to fill data gaps. Analyses of Phase II groundwater samples were tailored to data requirements determined during previous sampling. Some samples were analyzed for the full TAL/TCL component, while others were analyzed for select contaminants. PPW were also collected on each site to delineate the physical properties of the groundwater for potential remedial design purposes. Phase IIa/b groundwater monitoring was performed at each site as follows:

Site 9

Three temporary monitoring wells were re-sampled for PPW analysis on August 30, 1994. Additionally, well 09GR02 was re-sampled on December 15, 1994 for TAL metals only. This sample was collected to verify the lead concentration found in the Phase I sample collected from this well.

Table 5-5
OU6 Phase II Soil Samples, Analytical Parameters, and Sampling Rationale

Boring Location	Sample Identification/ Interval	Sample Interval	Date Sampled	Sample Analysis	Sampling Rationale	Remarks
09S01 (Phase IIb)	009S000101 009C000101[a]	0-1 ft.	12/7/94	TCL VOCs	Phase I sample contained elevated detection limits for VOCs.	Soil boring only.
09S02 (Phase IIb)	009S000203 009S000205	0-3 ft. 3-5 ft.	8/30/94	PPS/GS	Sampled to define physical properties of soil.	Soil boring only.
09S04 (Phase IIb)	009S000402 009S000404	0-2 ft. 2-4 ft.	8/30/94	PPS/GS	Sampled to define physical properties of soil.	Soil boring only.
09S09 (Phase IIb)	009S000902	0-2 ft.	8/30/94	PPS	Sampled to define physical properties of soil.	Soil boring only.
09S10 (Phase IIa)	009S001001 009S001003 009C001003[a] 009S001004	0-1 ft. 1-3 ft. 3-4 ft.	5/18/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S11 (Phase IIa)	009S001101 009S001103 009S001104	0-1 ft. 1-3 ft. 3-4 ft.	5/18/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S12 (Phase IIa)	009S001201 009S001203 009S001204	0-1 ft. 1-3 ft. 3-4 ft.	5/18/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S13 (Phase IIa)	009S001301 009S001303 009S001304	0-1 ft. 1-3 ft. 3-4 ft.	5/18/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S14 (Phase IIa)	009S001401 009S001403 009S001404	0-1 ft. 1-3 ft. 3-4 ft.	5/18/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.

Table 5-5
OU6 Phase II Soil Samples, Analytical Parameters, and Sampling Rationale

Boring Location	Sample Identification/ Interval	Sample Interval	Date Sampled	Sample Analysis	Sampling Rationale	Remarks
09S15 (Phase IIa)	009S001501 009S001503	0-1 ft. 1-3 ft.	5/19/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S16 (Phase IIa)	009S001601 009C001601[a] 009S001603 009S001604	0-1 ft. 1-3 ft. 3 4 ft.	5/19/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S17 (Phase IIa)	009S001701 009S001703	0-1 ft. 1-3 ft.	5/19/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S18 (Phase IIa)	009S001801 009S001803	0-1 ft. 1-3 ft.	5/23/94	CLP TAL/TCL	Sampled for full CLP due to observed materials in bore cuttings.	Soil boring only.
09S19 (Phase IIa)	009S001901 009S001903	0-1 ft. 1-3 ft.	5/19/94	TCL SVOCs	Phase I sample contained SVOCs.	Soil boring only.
09S20 (Phase IIb)	009S002001 009C002001 009S002012	0-1 ft. 1-2 ft.	9/12/94	TCL SVOCs/CN; TAL Metals	Confirmatory sampling adjacent boring 09S18.	Soil boring only.
09S21 (Phase IIb)	009S002101 009S002112	0-1 ft. 1-2 ft.	9/12/94	TCL SVOCs/CN; TAL Metals	Confirmatory sampling adjacent to boring 09S18.	Soil boring only.
09S22 (Phase IIb)	–	–	12/7/94	–	–	Sample collected; deleted.
09S23 (Phase IIb)	–	–	12/7/94	–	–	Sample collected; deleted.
09S24 (Phase IIb)	009S002403	0 3 ft.	12/7/94	CLP TAL/TCL		Collocated with boring 09S17.

Table 5-5
OU6 Phase II Soil Samples, Analytical Parameters, and Sampling Rationale

Boring Location	Sample Identification/ Interval	Sample Interval	Date Sampled	Sample Analysis	Sampling Rationale	Remarks
09S25 (Phase IIb)	--	--	12/7/94	--	--	Sample collected; deleted.
09S26 (Phase IIb)	009S002603 009C002603[a]	0-3 ft.	12/9/94	CLP TAL/TCL		Collocated with boring 09S02.
09S27 (Phase IIb)	009S002703	0-3 ft.	12/9/94	CLP TAL/TCL		Collocated with boring 09S18.
09S28 (Phase IIb)	009S002802	0-2 ft.	6/05/96	TAL Metals	Sampled to characterize metals at Site 9A.	Soil boring only.
09S29 (Phase IIb)	009S002903	0-3 ft.	6/05/96	TAL Metals	Sampled to characterize metals at Site 9A.	Soil boring only.
09S30 (Phase IIb)	009S003003	0-3 ft.	6/05/96	TAL [redacted]	[redacted] characterize metals at Site 9A.	Soil boring only.
09S31 (Phase IIb)	009S003103	0-3 ft.	6/05/96	TAL Metals	Sampled to characterize metals at Site 9A.	Soil boring only.
29S01 (Phase IIb)	029S000103 029S000105	0-3 ft. 0-5 ft.	8/30/94	PPS/GS	Sampled to define physical properties of soil.	Soil boring only.
29S06 (Phase IIb)	029S000603 029S000605	0-3 ft. 0-5 ft.	8/30/94	PPS/GS	Sampled to define physical properties of soil.	Soil boring only.
29S10 (Phase IIa)	029S001001 029C001001[a] 029S001003	0-1 ft. 1-3 ft.	5/24/94	TCL SVOCs/ Pesticides	Phase I sample contained SVOCs/pesticides.	Soil boring only.
29S11 (Phase IIa)	029S001101 029S001103	0-1 ft. 1-3 ft.	5/24/94	TCL SVOCs/ Pesticides	Phase I sample contained SVOCs/pesticides.	Soil boring only.

Table 5-5
OU6 Phase II Soil Samples, Analytical Parameters, and Sampling Rationale

Boring Location	Sample Identification/ Interval	Sample Interval	Date Sampled	Sample Analysis	Sampling Rationale	Remarks
29S12 (Phase IIa)	029S001201 029S001203	0-1 ft. 1-3 ft.	5/24/94	TCL SVOCs/ Pesticides	Phase I sample contained SVOCs/pesticides.	Soil boring only.
29S13 (Phase IIa)	029S001301 029S001303	0-1 ft. 1-3 ft.	5/24/94	TCL SVOCs/ Pesticides	Phase I sample contained SVOCs/pesticides.	Soil boring only.
34S01 (Phase IIb)	034S000103 034S000105 034S000106 034S000108	0-3 ft. 3-5 ft. 5-6 ft. 6-8 ft.	8/30/94	PPS/GS	Sampled to define physical properties of soil.	Soil boring only.
34S04 (Phase IIa)	034S000401 034S000403 034S000405	0-1 ft. 1-3 ft. 3-5 ft.	5/23/94	TCL VOCs/SVOCs	Sampled to characterize constituents in the path of groundwater migration from the site.	Permanent Well 34GS01 installed.
34S05 (Phase IIa)	034S000501 034C000501[a] 034S000503	0-1 ft. 1-3 ft.	5/23/94	CLP TAL/TCL	Sampled to characterize constituents adjacent to IWTP sewer line segment passing through Site 34.	Soil boring only.
34S06 (Phase IIa)	No Samples taken (well construction only).	0-18 ft.	5/23/94	–	Replace shallow monitoring well GM-56.	Permanent well 34GS02 installed.
34S07 (Phase IIa)	034S000701 034S000703 034S000705 034S000707	0-1 ft. 1-3 ft. 3-5 ft. 5-7 ft.	5/23/94	Lead Only	Phase I sample contained lead.	Soil boring only.
34S08 (Phase IIb)	034S000803	0-3 ft.	12/7/94	CLP TAL/TCL		Soil boring only.
34S09 (Phase IIb)	034S000903	0-3 ft.	12/7/94	CLP TAL/TCL		Located adjacent to boring 34S01.

Table 5-5
OU6 Phase II Soil Samples, Analytical Parameters, and Sampling Rationale

Boring Location	Sample Identification/ Interval	Sample Interval	Date Sampled	Sample Analysis	Sampling Rationale	Remarks
34S10 (Phase IIb)	034S001002 034C001002a	0-2 ft.	1/16/95	CLP TAL/TCL	Confirmatory sample collected adjacent to western edge of site.	Located adjacent to boring 34S01.
34M01 (Phase IIb)	034M000101	0.5 ft.	9/20/94	GS	Sampled to define [redacted] properties of soil.	Sediment sample.
34M02 (Phase IIb)	034M000201	0.5 ft.	9/20/94	GS	Sampled to define physical properties of soil.	Sediment sample.

Note:
a = Duplicate sample.

site29

Two temporary monitoring wells were re-sampled for PPW analysis on August 30, 1994. Additionally, well 29GR01 was re-sampled on December 15, 1994 for TCL pesticides only to verify the dieldrin concentration found in the Phase I sample.

Site 34

Two permanent monitoring wells were installed and subsequently sampled on Site 34 during the Phase IIa investigation conducted in May, 1994. These wells were constructed in accordance with Section 5 of the CSAP (E/A&H 1994e). Table 5-6 lists the construction details for the OU6 Phase IIa permanent monitoring wells. The Phase IIa wells were developed, purged and sampled using the same procedures as for Phase I groundwater *sampling*. Samples collected from the two newly constructed permanent monitoring wells on May 24, 1994, were analyzed for volatiles and semivolatiles. Several wells were re-sampled on Site 34 *during* the Phase IIb work. *On* August 30, 1994, two monitoring wells were sampled for PPW analysis. On December 14, 1994, three wells were re-sampled for volatiles and semivolatiles. These wells were re-sampled for those compounds because the Phase I results contained detection limits above the CLP method detection limits. Also on December 14, two wells were re-sampled for full TAL/TCL analysis. This was done to better clarify the range of contamination found in previous Site 34 groundwater results.

Table 5-6
Construction Details for OU6 Phase II Permanent Monitoring Wells (Site 34)

Well No.	Surface Elev. (ft.)	TOC Elev. (ft.)	Total Depth (ft.)	Screened Interval (ft.)	Depth to H2O (ft.)	GW Elev. (ft.)
34GS01	7.07 ft.	6.87 ft.	12.07 ft.	1.57-11.57 ft.	5.04 ft.	1.83
34GS02	8.m ft.	8.50 ft.	17.02 ft.	6.52-16.52 ft.	6.58 ft.	1.92

Notes:
TOC = Top of casing.
Datum = mean sea level (NAD-89).

Table 5-7 details the OU6 Phase II groundwater sampling analytical parameters, and sampling rationale.

Table 5-7
OU6 Phase II Groundwater Samples and Analytical Parameters

Well Number	Sample Number	Date Sampled	Analytical Parameters	Sampling Rationale
09GR02	009GR00201	8/30/94	PPW	Sampled to define physical properties of groundwater.
	009GGR0202	12/15/94	TAL Metals	Phase I sample contained lead.
09GR04	009GR00401	8/30/94	PPW	Sampled to define physical properties of groundwater.
09GR09	009GR00901	8/30/94	PPW	Sampled to define physical properties of groundwater.
29GR01	029GR00101	8/30/94	PPW	Sampled to define physical properties of groundwater.
	029GGR0102	12/15/94	TCL Pesticides	Phase I sample contained dieldrin.
29GR06	029GR00601	8/30/94	PPW	Sampled to define physical properties of groundwater.
34GR01	034GR00101	8/30/94	PPW	Sampled to define physical properties of groundwater.
	034GGR0102	12/14/94	TCL VOCs/SVOCs	Phase I sample contained elevated detection limits for VOCs/SVOCs.
34GR02	034GGR0202	12/14/94	TCL VOCs/SVOCs	Phase I sample contained elevated detection limits for VOCs/SVOCs.
34GS01	034G000100	5/24/94	TCL VOCs/SVOCs	Sampled to characterize constituents in the path of groundwater migration from the site.
	034GS00101	8/30/94	PPW	Sampled to define physical properties of groundwater.
34GS02	034G000200 034H000200[a]	5/24/94	TCL VOCs/SVOCs	Well replaced previously installed GM-56.
	034GGS0202 034HGS0202[a]	12/14/94	CLP TAL/TCL	Sampled to better clarify the range of contamination found in previous Site 34 groundwater results.
34GM53	034GGM5302	12/14/94	TCL VOCs/SVOCs	Phase I sample contained elevated detection limits for VOCs.
34GM61	034GGM6102	12/14/94	CLP TAL/TCL	Sampled to better clarify the range of contamination found in previous Site 34 groundwater results.

Note:
a = Duplicate sample.

Monitoring Well Abandonment

All temporary and permanent monitoring wells m OU6 were abandoned March 2-3, 1994 to facilitate ongoing BRAC demolition and construction in the site area. Abandonment was performed by a permitted, *certified* well contractor, in accordance with Northwest Florida Water Management District Guidelines. Abandonment included all wells installed by E/A&H, and previously installed permanent monitoring wells.

5.3 Interim Soil Removals

The OU6 interim soil removals were performed subsequent to the field investigation, in conjunction with commencement of BRAC construction in tk site area. The removals were based on the presence of soil contamination above 1995 PRGs, which were established to support the removals and to formulate the BRA. The soil removals were mandated by the BRAC construction schedule at Chevalier Field, and were performed by Hyman Construction, Inc. under the Resident Officer In Charge of Construction (E/A&H, 1996a). They are briefly described as follows:

- **Site 9** — This site was divided into two areas for removal, Sites 9A (encompassing the PAH contamination in the west-central portion of the site), and 9B (encompassing the PAH contamination in and around boring location 09S06). Site 9A was not excavated, and is pending removal in 1997. Approximately 214.9 cubic yards of PAH contaminated soil were excavated from Site 9B December 11-14, 1995. The site was backfilled prior to confirmatory sampling by E/A&H, and portions of the location had to be re-excavated for confirmatory sampling on December 29, 1995 (E/A&H, 1996a).

- *Site 29* — The removal for this site was performed to remove dieldrin contaminated mil in and around boring location 29S01. About 422.22 cubic yards of soil were removed from this location on May 1-2, 1995, and confirmatory samples were collected by E/A&H on May 15, 1995 (E/A&H, 1996a).

- *Site* 34 – The removal for *this* site was conducted to remove lead and naphthalene contaminated soil in and around boring location 34S01. About 1,111.1 cubic yards of materials were excavated December 11-14, 1995. *As* with Site 9B, the site was backfilled prior to confirmatory sampling by E/A&H, and portions of *the* location had to be re-excavated for confirmatory sampling on December 28, 1995 (E/A&H, 1996a).

Confirmatory soil samples were collected by E/A&H subsequent to *each* removal using methods prescribed in Section 4 of the *CSAP*. Samples were collected from the approximate mid-point of each wall of the excavated pit, *just* above the water talk. Where fill had to be re-excavated, undisturbed in-situ soils along the excavation boundary were sampled. The center of Sites 9B and 34 were also sampled. All samples were submitted for full TAL/TCL analyses. These removals were reported in the *Soil Removal Summary Report* (E/A&H, 1996a). Table 5-8 describes the confirmatory samples collected.

5.4 Field Work and Sampling Protocols

All sampling activities were conducted in accordance with the U.S. Navy-, FDEP- and USEPA-approved SAPs for OU6, the CSAP, and the USEPA Region IV SOP/QAM (USEPA, 1996a). Where warranted by field conditions, deviations from the approved procedures were *carried* out and appropriately documented. Specific sampling procedures varied with each task and are detailed in Sections 5.1 and 5.2 of this report.

Sample Handling

Handling of sample media was conducted in accordance with the CSAP. Clean plastic sheeting was laid down at *each* sampling location *to* minimize the potential for contamination of samples. Clean latex gloves were donned each time a new sample was collected. Decontaminated sampling devices were kept wrapped until the samples were collected. Samples were carefully and quickly transferred to sample containers, which were kept m a clean environment until needed. Care was

made to correctly label each sample as it was collected, and to document all necessary sampling information. If necessary, the appropriate protocols were reviewed prior to each *sampling* event.

Table 5-8
OU6 Soil Removal-Confirmatory Samples

Sample Location	Sample Identifier	Date Sampled	Remarks
09B01	09B0000101	12/29/95	Northern perimeter sample.
09B02	09B0000201	12/29/95	Southern perimeter sample.
09B03	09B0000301	12/29/95	Eastern perimeter sample.
09B04	09B0000401	12/29/95	Western perimeter sample.
09B05	09B0000501	12/29/95	Site center sample.
29S14	029S001401	5/15/95	Southern perimeter sample.
29S15	029S001501	5/15/95	Eastern perimeter sample.
29S16	029S001601	5/15/95	Western perimeter sample.
29S17	029S001701	5/15/95	Northern perimeter sample.
us11	034S110101	12/28/95	Northern perimeter sample.
us12	034S120101	12/28/95	Southern perimeter sample.
34S13	034S130101	12/28/95	Western perimeter sample.
34S14	034S140101	12/28/95	Eastern perimeter sample.
34S15	034S150101	12/28/95	Site center sample.

Aqueous samples were preserved with the correct chemical preservatives as soon as collected, and all samples were placed in a chilled environment until packaged for shipment.

Quality Assurance/Quality Control (QA/QC) Samples

QA/QC samples were collected to monitor the quality of field and laboratory procedures. These samples tested the level of reproducibility in the sampling ami analytical process, quality of equipment decontamination, quality of source waters and materials, sample exposure to ambient

contamination during handling, and level of laboratory precision. Quality assurance samples were analyzed for the same contamination assessment parameters as the environmental samples.

All field QA/QC samples were collected in accordance with the Site SAPs, the CSAP, and the SOP/QAM. The samples taken are as follows:

- Duplicate samples were collected for every 10 samples of each sampling task (due to Navy requirements, this *frequency* was changed to one duplicate sample per 20 samples in March, 1994).

- Equipment rinsates were collected from the sampling equipment specific to *each* task on a frequency of one per sampling event (or one per week) per sampled media.

- Material blanks were collected once for each accessory material used in drilling and well construction (filter *sand*, etc.).

- One field blank was collected per sampling event (or one per week) per sampled media. Field blanks were also collected for potable water and reagent grade water. Field blanks were collected considering the OU6 sites as a whole, and not necessarily by individual site.

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples were collected at a *frequency* of one per every 20 for each sampling medium.

Confirmatory samples collected to verify removal of contaminated soils were not subject to the same QA/QC as contamination assessment samples. This was due to the small sample population submitted and the desire for cost savings. The data were exclusively used to provide confirmati'on of contaminants removed.

Sample Containers and Preservation

All laboratory-provided containers were precleaned and certified. Table 5-9 lists the sample containers, sample media, and analyses for which they were used.

Chain-of-Custody

To preserve the integrity of the sample-transfer process, strict chain-of-custody (COC) was followed for all samples collected. Proper COC was initiated in the field for each sampling event and carried out through custody transfer to the contracted laboratory. A COC form was completed for each shipping cooler. Custody transfer information included all details pertinent to the proper relinquishing and shipment of samples.

Sample Packing and Shipment

All samples were carefully packed in accordance with the USEPA Region IV SOP/QAM and Section 12 of the *CSAP*. These documents detail the correct labeling, preservation, packaging, and shipment of samples.

Field Data

Auxiliary data pertinent to field sampling activities were collected in accordance with Chapter 14 of the *CSAP*:

- Weather conditions, sampling personnel, time of sampling, sampling location.
- Methodology, test equipment used, physical/chemical parameters measured.
- Soil lithology and stratigraphy, problems encountered, procedural deviations.

Field data were recorded in appropriate field logbooks, boring logs, well completion logs, groundwater sampling forms, etc. Daily site activities were summarized in a site master log.

Table 5-9
Sample Containers and Preservation Per Medium and Analysis

Medium	Analysis	Sample Container	Preservative
Soil	CLP TAL/TCL; TCLP	Pace Labs — 4 oz. glass jars (2 ea.) CompuChem Labs — 8 oz. glass jars (2 ea.)	4°C
Soil	CLP TCL VOCs	Pace Labs — 2 oz. glass jars (1 ea.) CompuChem Labs — 4 oz. glass jar (1 ea.)	4°C
Soil	Heterotrophic Plate Count/TKN/Total Phosphate/Cation Exchange Capacity	100 ml sterile polyethylene jar	4°C
Soil	Grain Size Analysis	1 liter polyethylene bottle	N/A
Groundwater	CLP TCL VOCs	Pace/CompuChem Labs — 40 ml. glass vial (3 ea.)	4°C — HCL (pH<2)
Groundwater	CLP TCL SVOCs CLP TCL Pesticides/PCBs	Pace Labs — 1 liter amber bottle (3 ea.) CompuChem Labs — 1 liter amber bottle (4 ea.)	4°C
Groundwater	CLP TAL Metals	Pace Labs — 500 ml polyethylene bottle CompuChem Labs — 1 liter polyethylene bottle	4°C — HNO_3 (pH<2)
Groundwater	Cyanide	Pace Labs — 1 liter polyethylene bottle CompuChem Labs — 1 liter amber bottle	4°C — NaOH (pH>12)
Groundwater	Heterotrophic Plate Count	100 ml sterile bottle	4°C
Groundwater	BOD	1 qt. polyethylene bottle	4°C
Groundwater	COD	250 ml polyethylene bottle	4°C — H_2SO_4 (pH<2)
Groundwater	Hardness	250 ml polyethylene bottle	4°C — HNO_3 (pH<2)

Notes:
BOD = Biological oxygen demand
COD = Chemical oxygen demand.

Decontamination

All exploration and sampling equipment used in the field investigation was decontaminated in accordance with guidelines set forth in the site-specific *SAP*, Chapter 11 of the *CSAP*, and the SOP/QAM:

- Wash and scrub with a laboratory-grade detergent and clean water wash solution.
- Rinse with clean water.

- Rinse with American Society for Testing and Materials (ASTM) Type III water.
- Rinse twice with pesticide-grade isopropanol.
- Rinse with ASTM Type III water.
- Air dry.

Decontaminated sampling equipment was wrapped in aluminum foil for storage prior to use. Large equipment was decontaminated at a dedicated decontamination area set up for such purpose. A high-pressure-steam washing machine was used to spray down the large equipment and drill rig/hollow-stem auger bits with water and soap. Small equipment was decontaminated by field personnel at the E/A&H field trailer.

Investigation-Derived Wastes

Wastes derived from the field investigation were handled in accordance with the Investigation-Derived Waste Plan for NAS Pensacola (E/A&H 1994f), and Chapter 13 of the *CSAP*. Wastes generated included drill cuttings, well development and purge waters, decontamination water, used personal protective equipment (PPE), and *drilling* site materials used in well construction. Generated wastes were handled so that contact with the environment was minimized. Generated wastes at each well site and at the decontamination station were containerized and sealed in federal Department of Transportation approved 55-gallon drums pending proper disposal by the U.S. Navy. All drums were marked with the sample location (well number, etc.), date, and type of investigationderived waste. Soil retrieved from shallow hand auger borings were contained on plastic sheeting, and unused cuttings were backfilled down the borehole. Drill cuttings were also contained on plastic *ground* covers prior to containerization. Wastewater from activities at the decontamination area was contained within the liner of the station until being pumped into the appropriate containers. PPE and well construction materials were containerized appropriately.

5.5 Site Area Land Survey

A land survey of the OU6 area was conducted by E/A&H personnel using Global Positioning System (GPS) surveying equipment. All temporary monitoring well and soil boring locations were surveyed using this technique. At boring locations, position and ground surface elevation were surveyed. At well locations, position, ground surface elevation, and top of casing elevation were surveyed. These data were used to produce accurate maps of all sampling locations in the site area.

5.6 Site Area Hydrologic Investigation

A hydrologic investigation was conducted across the Site 9, 29, and 34 area. Water levels were measured across the sites and normalized to elevation data gathered during the GPS survey. These data were used to develop a map of the piezometric surface across Chevalier Field, and analyze the flow direction, gradient, and velocity of groundwater through the sites. The hydrology of the site area is discussed in detail in Section 6 of this report.

6.0 GEOLOGIC AND HYDROLOGIC RESULTS

6.1 Site Hydrogeological Setting

The subsurface stratigraphy across the OU6 area is consistent with findings in previous NAS Pensacola studies. All borings were limited to the uppermost portion of the surficial zone of the Sand-and-Gravel Aquifer (see Appendix A). The upper 3 to 5 feet generally consists of fine-tomedium grained quartz sand, varying in color, mixed with clayey silt, organics, limonite, and fragments of rock, gravel, oyster shell, asphaltic slag, etc., depending upon the location in the site area. Beginning at the water table (3 to 5 feet bls), native fine- to medium-grained quartz sands are encountered. No borings were advanced through the low permeability zone of the Sand-and-Gravel Aquifer within the site area, or into deeper stratigraphic horizons during the field investigation. However, borings into the low permeability zone in the site vicinity during previous field investigations indicate that the clay of the low permeability zone of the Sand-and-Gravel Aquifer is encountered about 50 feet bls in the vicinity of Site 34, and about 36 feet bls east of Site 29. The estimated depth of the clay unit is predicted to be between these intervals from the northwestem to the southeastern extremes of Chevalier Field. Table 6-1 displays the results of lithologic examination of the surficial zone of the Sand-and-Gravel Aquifer underneath the OU6 area.

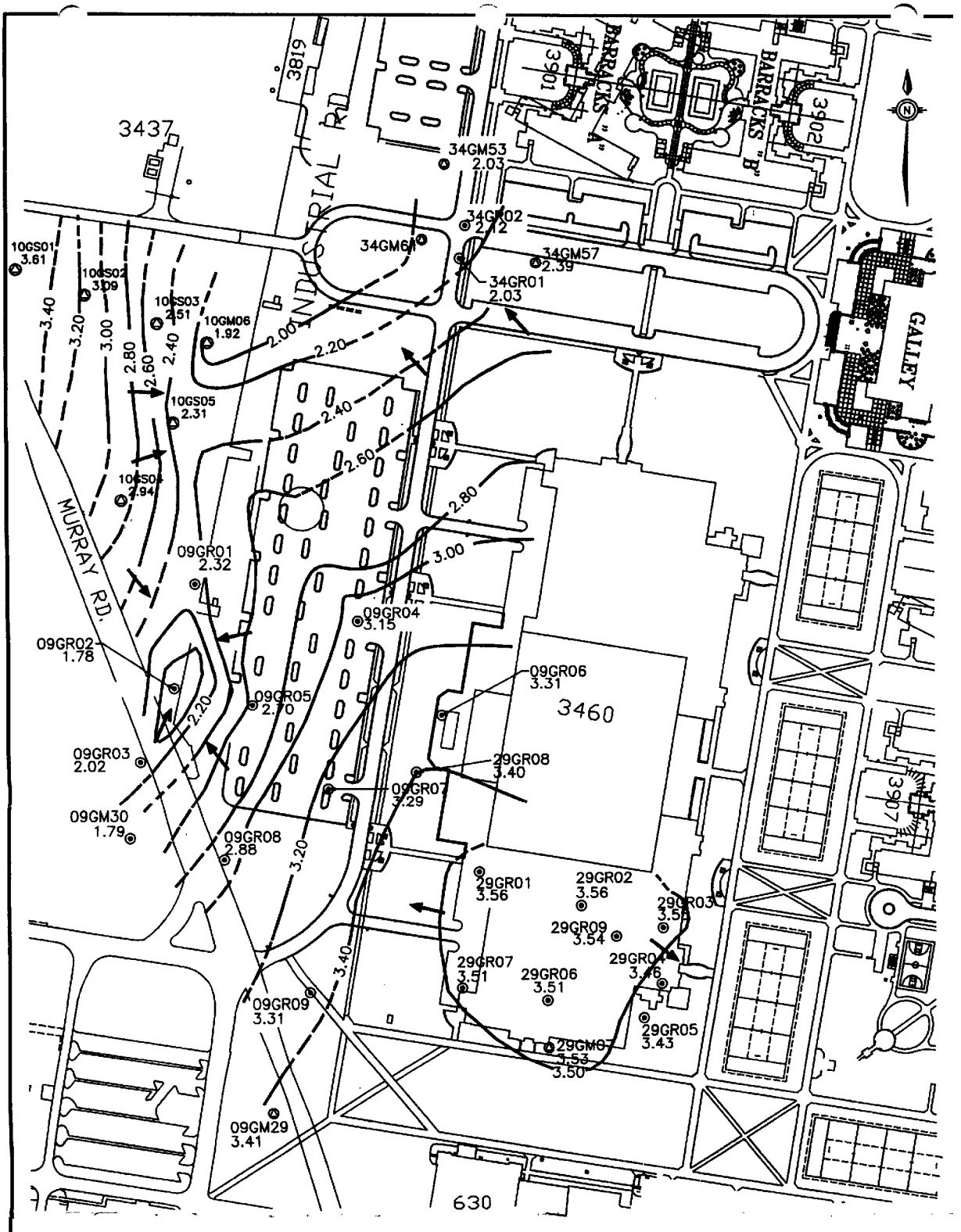
6.2 Water Level Elevations and Piezometric Results

Water level measurements were collected from all new monitoring wells for OU6 and several previously installed wells to define the piezometric surface of the site area. Groundwater elevation varies from roughly 3.5 feet msl in the Southeastern portion of the site area (Site 29), to 2 feet msl along the western and northwestern portions of the site area (westernmost part of Site 9/northwestern part of Site 34). This highest-to-lowest groundwater elevation drop occurs across an approximate 800- to 1,000-foot horizontal distance, depending on the reference point within the site area. Groundwater elevations generally indicate a west-to-northwest flow in the uppermost part of the surficial zone of the Sand-and-Gravel Aquifer. Groundwater generally flows

toward the concrete tile-lined drainage ditch that traverses the western edge of the site area, although, there is an element of flow southeast from Site 29. This finding is verified by earlier studies, which state that horizontal movement of groundwater in the surficial sand generally mimics topography (G&M, 1984). Figure 6-1 displays the shallow surficial piezometric surface for the OU6 area.

Table 6-1
Generalized Soil Boring Sample Interval Lithology
OU6

Site Number	Sample Interval	Lithology
Site 9	0-1 ft.	White-to-tan-to-dark brown, reddish, gray, fine-to-medi grained quartz sand, mixed with sandy loam, loamy soil, clayey silt, organics, rock fragments, gravel, oyster shell. debris, and asphaltic slag.
	1-3 ft.	White-to-tan-to-dark brown, red-to-orange, gray mottled, fine-to-medium grained quartz sand, mixed with limonite, gravel, rock fragments, and clay fragments.
	3-5 ft.	White-to-tan-to-dark brown, fine-to-medium grained quartz sand.
	Screened Interval (well locations)	Tan-to-brown, light-to-dark gray, silty, fine-to-medium grained quartz sand.
Site 29	0-1 ft.	Light tan-to-brown, red-to-orange, fine-to-medium-grain quartz sand, mixed with some organics and pea gravel.
	1-3 ft.	White-to-orange-to-medium brown, fine-to-medium-grain quartz sand, mixed with a grayish tint, a brown silty interval, limonite, and organics.
	3-5 ft.	White-to-tan-to brown, orange, gray, silty clayey, fine-to-medium grain quartz sand, occasionally mixed with gravel and burned material.
	Screened Interval (well locations)	White-to-tan-to-gray, fine-to-medium grained quartz sand.
Site 34	0-1 ft.	Light tan-to-brown, red-to-orange, fine-to-medium grained quartz sand, mixed with silt, clay, limonite, and organics.
	1-3 ft.	White-to-tan-to-brown, red-to-orange, grayish, fine-to-medium-grained quartz sand, mixed with silty clay sand and concrete pieces.
	3-5 ft.	White-to-tan-to brown, silty, clayey, brown mottled, fine-to-medium grained quartz sand.
	5-7 ft.	White-to-tan-to-brown, grayish, red-to-orange, brown mottled, fine-to-medium grained quartz sand, with silty clay streaks.
	7-9 ft.	Tan-to-brown, grayish, red-to-orange, fine-to-medium grained quartz sand.
	Screened Interval (well locations)	White-to-tan-to-dark brown, orange, silty, clayey, fine-to-medium grained quartz sand.



200 SCALE 200 FEET

LEGEND

- TEMPORARY MONITORING WELL
- PERMANENT MONITORING WELL
- DIRECTION OF GROUNDWATER FLOW

REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA

FIGURE 6-1
SHALLOW SURFICIAL
PIEZOMETRIC SURFACE

DWG DATE: 06/25/97 DWG NAME: 70SSPOUI

The horizontal hydraulic gradient varies slightly across the site area, with the gradient becoming less steep at the northern extreme (Site 34 area). An exception is a very low gradient across the interior and immediately west of Site 29. The horizontal hydraulic gradient across most of the rest of the site area (east to west) averages about 0.002. This includes the gradient extending west across Site 9 from Site 29 (southern portion of the site area). Included also is the gradient to the northwest, extending from the northern portion of the Site 9 area. The horizontal hydraulic gradient lessens from the center of Site 9/north Site 29 area, to the north across Site 34, becoming approximately 0.001. Table 6-2 presents horizontal hydraulic gradients for selected well pairs in the OU6 area. These well pairs were selected with the intervening distance azimuth perpendicular to isopleths to determine the horizontal hydraulic gradient along the predominant flow directions. The table generally depicts how the horizontal hydraulic gradient lessens as groundwater flow shifts west to northwest across the site area.

Average transmissivity and hydraulic conductivity data were calculated for the shallow and intermediate portions of the surficial aquifer during the field investigation conducted for NAS Pensacola's OU10 and Site 13. Given the close proximity of these sites and the lithologic similarity, this information is extrapolative for use on Chevalier Field. The geometric mean of the hydraulic conductivity for the shallow zone at OU10 was calculated at 44.0 ft./day (E/A&H, 1996b).

Table 6-2
Horizontal Hydraulic Gradients
OU6

Well Pair	Distance Between Wells (feet)	Difference Between Water Levels (feet)	Hydraulic Gradient	Groundwater Horizontal Velocity (feet/day)
29GR07/09GGM30	738	1.72	0.00233	0.342
29GR01/09GR03	713	1.54	0.00214	0.314
09GR06/09GR01	571	0.99	0.00173	0.254
09GR04/10GGM06	547	0.85	0.00154	0.226

Using this value, the average darcian groundwater velocity for the upper level of the surficial zone beneath the site area was calculated using the following formula:

$$V = Ki/n_e$$

Where:

V	=	horizontal groundwater velocity
K	=	hydraulic conductivity
i	=	horizontal hydraulic gradient
n_e	=	effective porosity

An effective porosity of 0.30 was estimated for unconsolidated sand (Heath, 1989). Table 6-2 also lists the horizontal flow velocities of groundwater at various points in the site area. Toward the Southern end of Site 9, groundwater flows west at a calculated velocity of 0.342 ft./day, whereas in the Site 34 area, groundwater flows northwest at a calculated velocity of 0.226 ft./day.

7.0 NATURE AND EXTENT OF CONTAMINATION

The nature and extent of contamination at OU6 will be discussed by site. The sampling approach, methods, and sample locations for this investigation are discussed in Sections 5.1 through 5.2 of this report. The draft RI report (E/A&H, 1995a) compared Phase I and II soil and groundwater data to PRGs used to formulate the draft BRA and to justify interim soil removals on each site. These PRGs took into consideration conservative assumptions, fast-track remediation requirements, and Tier 1 agreement. Analytical data for soils were initially compared to risk-based, surface soil PRGs exclusively.

The nature and extent discussion of this version of the RI report will reflect current conditions in the site area. The OU6 area has been subject to extensive demolition and construction since the 1994 field investigation. Except for the extreme western portion of Site 9, the site area has been covered by fill dirt, new construction, or landscaping. Prior to construction, areas of contaminated soil discovered during the field investigation were subject to interim removal. In order to consider current conditions, the comparison of soil and groundwater data will use the most up-to-date list of PRGs. These newer PRGs consider subsurface leaching values for soil, as state/federal leachability standards are now available. Even though there was grading, backfilling, paving, sodding, and construction over different portions of the site area, conservative assumptions still compared original surface soil sample results to Surface soil PRGs. This was done regardless of whether any particular boring is currently covered over by fill, sod, pavement, or construction. This discussion does not, however, include borings located within areas subject to interim removals. These areas were considered remediated (E/A&H, 1996a).

Comparison to PRGs

The following updated general and site-specific PRGs were used for the current conditions comparison:

Soil

- Risk-based concentrati'cm(RBCs) soil ingestion *scenario* for residential soil (surface soil) and SSLs transfer scenario from soil to groundwater (subsurface soil) (USEPA, 1996b).

- Selected Cleanup Goals (CGs), considering residential cleanup goals for surface soil, and leachability goals (CGLs) for subsurface soil (FDEP, 1995 and 1996).

- USEPA, Office of Solid Waste and Emergency Response *draft,* revised, *Interim Soil Lead Guidance* (USEPA, 1994b).

Groundwater

- USEPA Maximum/Secondary Maximum Contaminant Levels (MCLs/SMCLs) (USEPA 1996c).

- USEPA Tapwater RBCs (USEPA 1996b).

- FPDWS/FSDWS and Florida Groundwater Guidance Concentrations (FGGC) (FDEP, 1994a).

sediment

- Sediment Screening Values (USEPA, 1995a).

- Sediment Quality Assessment Guidelines (SQAGs), Threshold Effects Levels (FDEP, 1994b).

In addition, soil and groundwater were compared to NAS Pensacola-specific reference concentrations, developed by the Navy during the Site 1 investigation. These are equal to two times the detected mean for any given parameter (E/A&H, 1996c).

The PRGs for soil and groundwater contaminants (including reference concentrations for inorganics) are listed in Appendix B. Sample values exceeding PRGs, to include a reference concentration comparison where applicable, are tabulated in Appendix C. Appendix D contains a tabulated summary of validated analytical data. Additionally, maps within this section illustrate the distribution of inorganic and organic soil and groundwater contamination for each site within the area of investigation.

7.1 Site9

7.1.1 Soil Contamination Assessment

Soil at Site 9 exhibited contaminants above respective PRGs and reference concentrations for several constituents. Although downhill vapor concentrations ranged from 2.8 to 8.0 ppm, only trace VOCs were verified by laboratory analysis. Inorganics generally exceeding PRGs in surface soils included aluminum, arsenic, iron, and manganese. Exceptions included boring 09S18 (associated with Site 9A), where high concentrations of surface soil lead, copper, and other inorganics were found. Barium, cadmium, lead, nickel, and thallium exceeded PRGs in subsurface soils. Subsurface concentrations at boring 09S18 were higher for these analytes than elsewhere within the site. Surface and subsurface soil dieldrin was found at several locations around the site. SVOCs detected were predominantly PAH compounds, with the highest encountered in the western part of the site at bores 09S02, 09S17, 09S18 and 09S27. These bores all lie within or very close to Site 9A. Boring 09S02 was found to contain fill material, including concrete rubble and aircraft wire. Boring 09S18 contained visible metal objects such as screws and wire, solder, metal oxides, electrical components, and burned/charred materials.

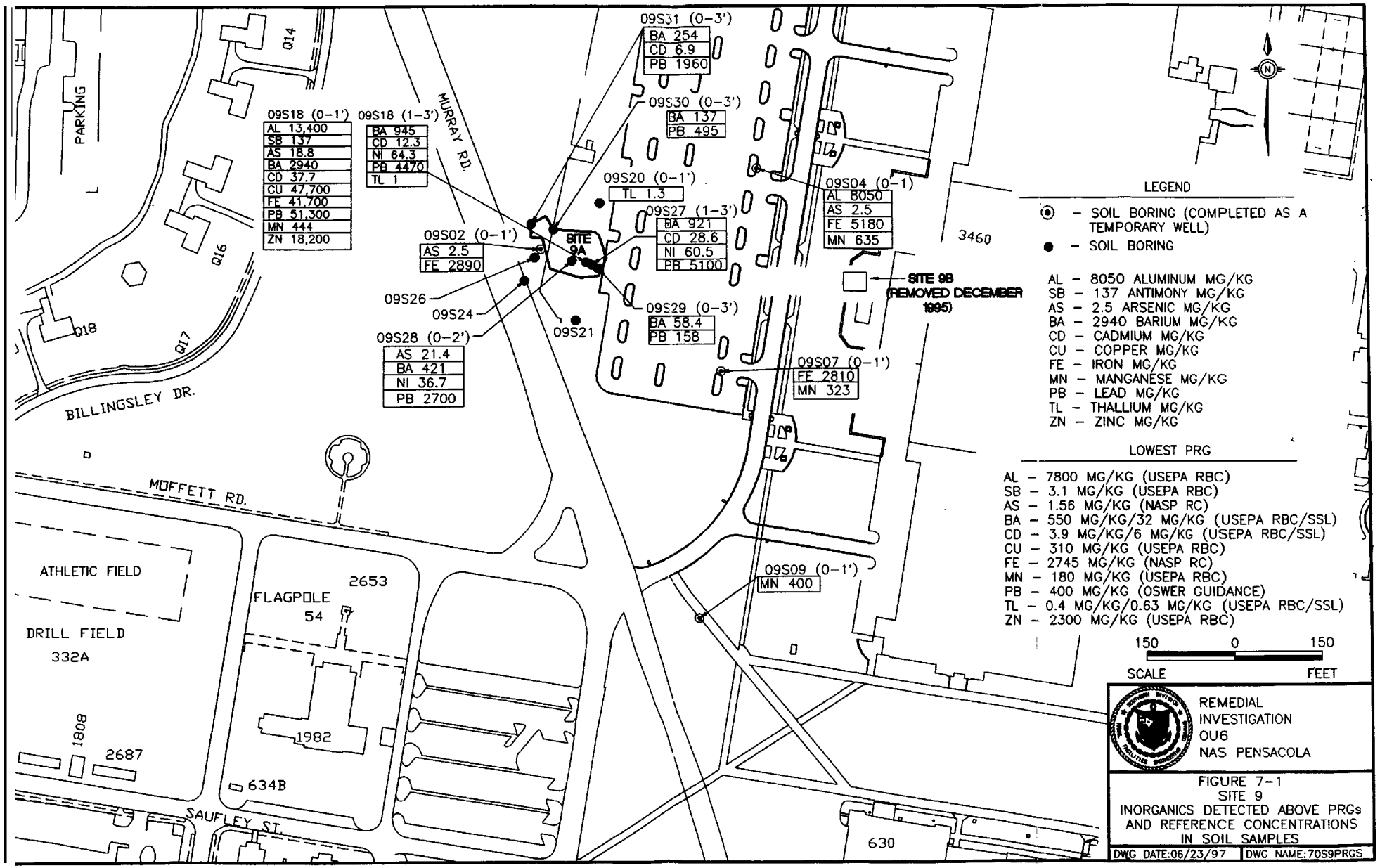
Inorganics

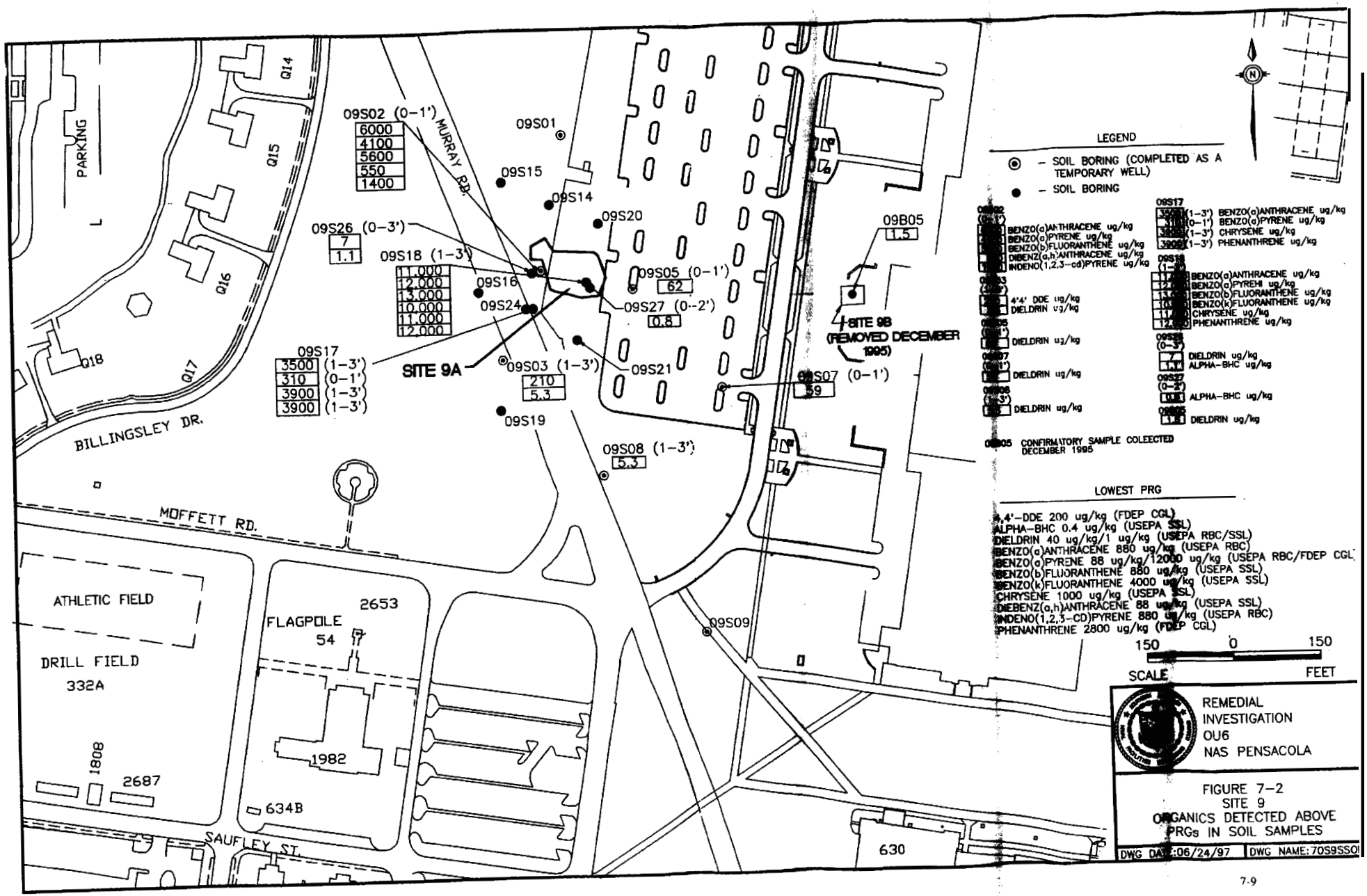
Figure 7-1 diagrams soil inorganics that exceeded PRGs and reference concentrations detected on Site 9. The highest concentrations of inorganics exceeding PRGs were located within Site 9A. Boring 09S18 contained *surface* soil aluminum, antimony, arsenic, barium, *cadmium*, copper, lead, *manganese*, and zinc above respective PRGs. *Copper* (47,700 mg/kg) and lead (51,300 mg/kg) considerably exceeded their respective PRGs. *subsurface* soil concentrations of barium, cadmium, nickel, lead and thallium also exceeded leachability PRGs. Bores 09328, 09S29, 09S30, and 09S31, collected and analyzed for metals to confirm lead above PRGs, showed several inorganic parameters above PRGs. Arsenic, barium, *cadmium*, and nickel exceeded PRGs at these bores. Lead was also found at each location, ranging from 495 to 5,100 mg/kg.

Surface soil constituents above standards outside of Site 9A included aluminum, arsenic, iron, manganese, and thallium. Aluminum at boring 09S04 (8,050 mg/kg) and thallium at boring 09S20 (1 mg/kg) each exceeded their lowest PRGs ad reference concentrations. Arsenic (ranging from 0.78 mg/kg to 2.5 mg/kg) exceeded the lowest PRG (0.43 mg/kg) at six boring locations. Iron (ranging from 2,560 mg/kg to 5,180 mg/kg) exceeded the lowest PRG (2,300 mg/kg) at four locations outside of Site 9A. However, only *two* arsenic concentrations above PRGs (bores 09S02, and 09S04), were also above the NAS Pensacola reference concentration for arsenic (1.56 mg/kg). Three of the four iron concentrations above PRGs (bores 09S02, 09S04, and 09S07) also exceeded the iron reference concentrati'on (2,745 mg/kg) as well as *the* PRG (set Figure 7-1).

Soil Reference Concentration Comparison

The NAS Pensacola soil reference concentration for arsenic (1.56 mg/kg) and iron (2,743 mg/kg) each exceed their respective PRGs (0.43 mg/kg and 2,300 mg/kg, respectively). As discussed, of seven *surface* soil arsenic concentrations above PRGs, five were below the arsenic reference concentration. Of four iron concentrations above lowest PRG, one was below the iron reference concentration. All other inorganic constituents exceeding PRGs also exceeded their respective NAS Pensacola reference concentrations.


09S31 (0-3')
BA 254
CD 6.9
PB 1960
09S30 (0-3')
BA 137
PB 495
09S18 (0-1')
AL 13,400
SB 137
AS 18.8
BA 2940
CD 37.7
CU 47,700
FE 41,700
PB 51,300
MN 444
ZN 18,200
09S18 (1-3')
BA 945
CD 12.3
NI 64.3
PB 4470
TL 1
09S20 (0-1')
TL 1.3
09S04 (0-1)
AL 8050
AS 2.5
FE 5180
MN 635
09S27 (1-3')
BA 921
CD 28.6
NI 60.5
PB 5100
09S02 (0-1')
AS 2.5
FE 2890
SITE 9A
SITE 9B (REMOVED DECEMBER 1995)
09S26
09S24
09S21
09S29 (0-3')
BA 58.4
PB 158
09S28 (0-2')
AS 21.4
BA 421
NI 36.7
PB 2700
09S07 (0-1')
FE 2810
MN 323
09S09 (0-1')
MN 400
PARKING
Q14
Q16
Q17
Q18
MURRAY RD.
BILLINGSLEY DR.
MOFFETT RD.
SAUFLEY ST.
ATHLETIC FIELD
DRILL FIELD
332A
FLAGPOLE
54
2653
1982
1808
2687
634B
630
3460
LEGEND
- SOIL BORING (COMPLETED AS A TEMPORARY WELL)
- SOIL BORING
AL - 8050 ALUMINUM MG/KG
SB - 137 ANTIMONY MG/KG
AS - 2.5 ARSENIC MG/KG
BA - 2940 BARIUM MG/KG
CD - CADMIUM MG/KG
CU - COPPER MG/KG
FE - IRON MG/KG
MN - MANGANESE MG/KG
PB - LEAD MG/KG
TL - THALLIUM MG/KG
ZN - ZINC MG/KG
LOWEST PRG
AL - 7800 MG/KG (USEPA RBC)
SB - 3.1 MG/KG (USEPA RBC)
AS - 1.56 MG/KG (NASP RC)
BA - 550 MG/KG/32 MG/KG (USEPA RBC/SSL)
CD - 3.9 MG/KG/6 MG/KG (USEPA RBC/SSL)
CU - 310 MG/KG (USEPA RBC)
FE - 2745 MG/KG (NASP RC)
MN - 180 MG/KG (USEPA RBC)
PB - 400 MG/KG (OSWER GUIDANCE)
TL - 0.4 MG/KG/0.63 MG/KG (USEPA RBC/SSL)
ZN - 2300 MG/KG (USEPA RBC)
150 0 150
SCALE FEET
REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-1
SITE 9
INORGANICS DETECTED ABOVE PRGs AND REFERENCE CONCENTRATIONS IN SOIL SAMPLES
DWG DATE:06/23/97
DWG NAME:70S9PRGS


LEGEND
SOIL BORING (COMPLETED AS A TEMPORARY WELL)
SOIL BORING
BENZO(a)ANTHRACENE ug/kg
BENZO(a)PYRENE ug/kg
BENZO(b)FLUORANTHENE ug/kg
DIBENZ(a,h)ANTHRACENE ug/kg
INDENO(1,2,3-cd)PYRENE ug/kg
4'4' DDE ug/kg
DIELDRIN ug/kg
BENZO(a)ANTHRACENE ug/kg
BENZO(a)PYRENE ug/kg
BENZO(b)FLUORANTHENE ug/kg
BENZO(k)FLUORANTHENE ug/kg
CHRYSENE ug/kg
PHENANTHRENE ug/kg
ALPHA-BHC ug/kg
CONFIRMATORY SAMPLE COLEECTED DECEMBER 1995
LOWEST PRG
4,4'-DDE 200 ug/kg (FDEP CGL)
ALPHA-BHC 0.4 ug/kg (USEPA SSL)
DIELDRIN 40 ug/kg/1 ug/kg (USEPA RBC/SSL)
BENZO(a)ANTHRACENE 880 ug/kg (USEPA RBC)
BENZO(a)PYRENE 88 ug/kg/12000 ug/kg (USEPA RBC/FDEP CGL)
BENZO(b)FLUORANTHENE 880 ug/kg (USEPA SSL)
BENZO(k)FLUORANTHENE 4000 ug/kg (USEPA SSL)
CHRYSENE 1000 ug/kg (USEPA SSL)
DIEBENZ(a,h)ANTHRACENE 88 ug/kg (USEPA SSL)
INDENO(1,2,3-CD)PYRENE 880 ug/kg (USEPA RBC)
PHENANTHRENE 2800 ug/kg (FDEP CGL)
150 0 150
SCALE FEET
REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-2
SITE 9
ORGANICS DETECTED ABOVE PRGs IN SOIL SAMPLES
DWG DATE:06/24/97
DWG NAME:70S9SSO!
09S02 (0-1')
6000
4100
5600
550
1400
MURRAY RD.
09S01
09S15
09S14
09S20
09S26 (0-3')
7
1.1
09S18 (1-3')
11,000
12,000
13,000
10,000
11,000
12,000
09S16
09S24
09S05 (0-1')
62
09S27 (0-2')
0.8
09B05
1.5
SITE 9B (REMOVED DECEMBER 1995)
09S17
3500 (1-3')
310 (0-1')
3900 (1-3')
3900 (1-3')
SITE 9A
09S03 (1-3')
210
5.3
09S21
09S07 (0-1')
59
09S19
09S08 (1-3')
5.3
09S09
PARKING
Q14
Q15
Q16
Q17
Q18
BILLINGSLEY DR.
MOFFETT RD.
ATHLETIC FIELD
DRILL FIELD
332A
FLAGPOLE
54
2653
1982
1808
2687
634B
SAUFLEY ST.
630

organics

Figure 7-2 diagrams soil organics detected above PRGs on Site 9. Compared to the PRGs, PAHs represent the largest family of *surface* soil constituents above standards. Within Site 9A, boring 09S18 contained subsurface Benz(a)anthracene, Benz(a)pyrene, Benz(b)fluoranthene, Benz(k)fluoranthene, chrysene, and phenanthrene above either the SSL or CGL. Nearby boring 09S02 contained *surface* soil Benz(a)anthracene, Benz(a)pyrene, Benz(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene above their respective PRGs.

Outside of Site 9A, boring 09S17 revealed surface soil Benz(a)pyrene above the PRG, and subsurface Benz(a)anthracene, chrysene, and phenanthrene above either the SSL or CGL.

Pesticide constituents above PRGs included surface soil dieldrin above the RBC at bores 09S05 and 09S07. Subsurface pesticides, including dieldrin, 4'4'- DDE, and alpha-BHC above either the SSL or CGL, are widely distributed *among* several borings.

7.1.2 Groundwater Contamination Assessment

Analysis of groundwater samples collected at Site 9 revealed detections of certain inorganic constituents above groundwater PRGs, with no organic detections above standards.

Inorganics

Figure 7-3 maps inorganics detected above PRGs and reference concentrations in Site 9 groundwater. Though aluminum exceeded the SMCL/FSDWS (50 μg/L) in nine Phase I groundwater samples (ranging from 258 μg/L to 2,050 μg/L), none of these concentrations exceeded the NAS Pensacola groundwater reference concentration for aluminum (3,882.8 μg/L).

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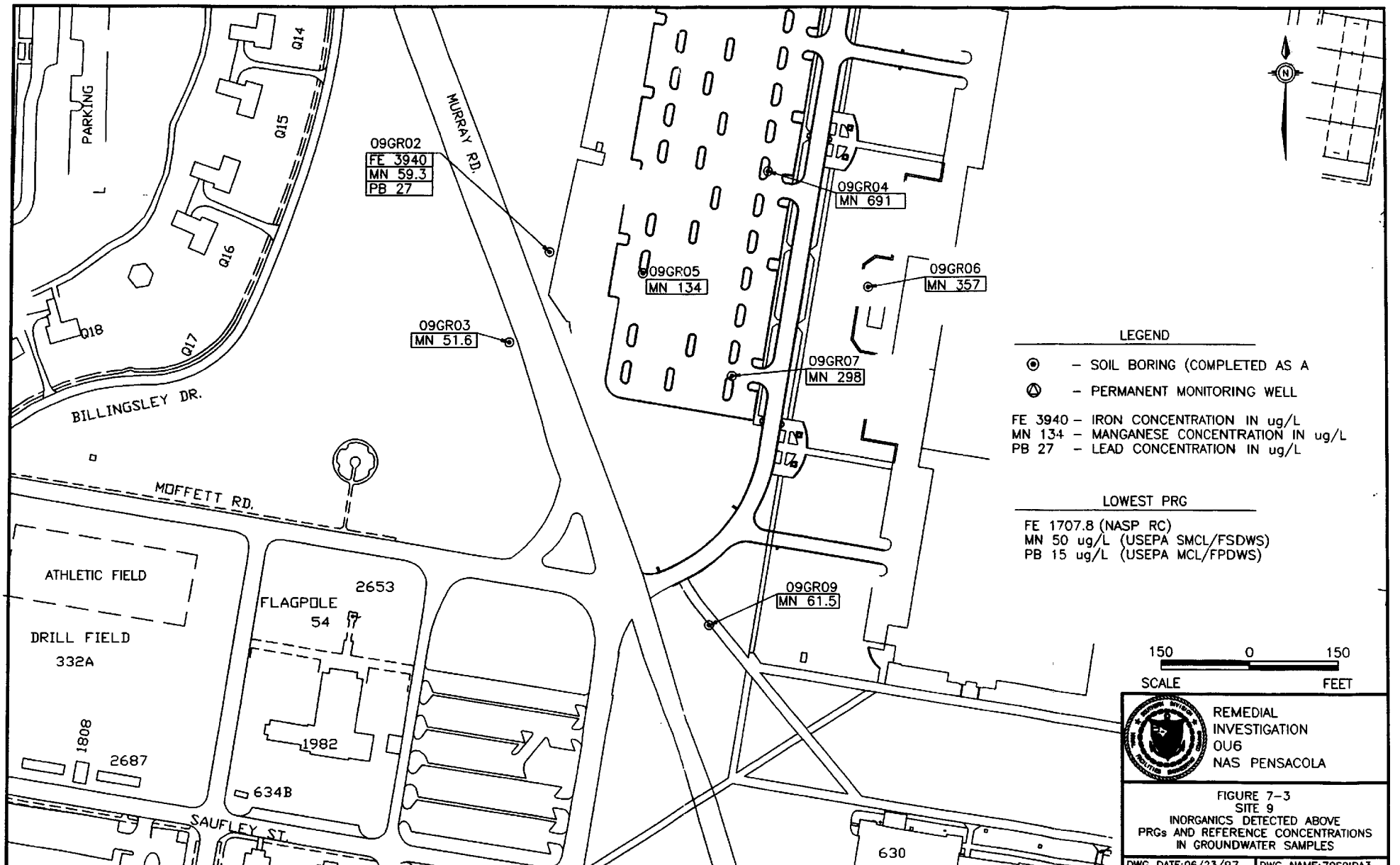

PARKING
Q14
Q15
Q16
Q17
Q18
MURRAY RD.
09GR02
FE 3940
MN 59.3
PB 27
09GR03
MN 51.6
09GR04
MN 691
09GR05
MN 134
09GR06
MN 357
09GR07
MN 298
09GR09
MN 61.5
BILLINGSLEY DR.
MOFFETT RD.
ATHLETIC FIELD
DRILL FIELD
332A
FLAGPOLE
54
2653
1982
1808
2687
634B
SAUFLEY ST.
630
LEGEND
– SOIL BORING (COMPLETED AS A
– PERMANENT MONITORING WELL
FE 3940 – IRON CONCENTRATION IN ug/L
MN 134 – MANGANESE CONCENTRATION IN ug/L
PB 27 – LEAD CONCENTRATION IN ug/L
LOWEST PRG
FE 1707.8 (NASP RC)
MN 50 ug/L (USEPA SMCL/FSDWS)
PB 15 ug/L (USEPA MCL/FPDWS)
150 0 150
SCALE FEET
REMEDIAL
INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-3
SITE 9
INORGANICS DETECTED ABOVE
PRGs AND REFERENCE CONCENTRATIONS
IN GROUNDWATER SAMPLES
DWG DATE:06/23/97
DWG NAME:70S9IDA3

Likewise, ten Phase I groundwater samples also exceeded secondary standards for iron (300 µg/L). However, nine samples (ranging from 318 to 1,300 µg/L) were below the NAS Pensacola reference concentration for iron (1,707.8 µg/L). One sample (09GR02) contained iron (3,940 µg/L) above both the PRG and reference concentration. Manganese exceeded both the PRG (50 µg/L) and reference concentration (22 µg/L) in seven Phase I groundwater samples (ranging from 59.3 to 691 µg/L) (see Figure 7-3). Lead exceeded its MCL/FPDWS (15 µg/L) at a single sampling location (09GR02) at a concentration of 27 µg/L. During the Phase II investigation, temporary well 09GR02 was resampled for metals only to further clarify the lead contamination found in the Phase I groundwater sample from this well. Lead was not detected in the second sample.

Reference Concentration Comparison

The NAS Pensacola groundwater reference concentrations for aluminum (3,882.8 µg/L) and iron (1,707.8 µg/L) both exceed the SMCL/FSDWS for each analyte. As discussed above, aluminum concentrations exceeding the lowest PRG in groundwater at Site 9 ranged below the NAS Pensacola groundwater reference concentration. All but one iron concentration above PRGs in Site 9 groundwater (09GR02) were below the reference concentration for iron. The NAS Pensacola reference concentration for manganese (22 µg/L) is below the lowest PRG (50 µg/L), which was exceeded in seven of nine groundwater samples analyzed for the site (see Figure 7-3).

7.1.3 Sediment Analysis

A single sediment sample was collected from the drainage ditch west of Site 9 to evaluate potential contaminant migration from the site area to downgradient wetlands. A more complete investigation of this possibility will be forthcoming in the Site 41 (NAS Pensacola wetlands) investigation. All PRGs exceeded were FDEP values. Lead at 38.8 mg/kg was found in this sample. Pesticides exceeding PRGs included 4'4-DDD, 4'4-DDD, and 4'4-DDT. PAHs exceeding the PRGs were Benz(a)anthracene, Benz(a)pyrene, chrysene, fluoranthrene, and pyrene.

Summary and Conclusions — Site 9

Inorganic soil contamination appears to be aggregated in the west central portion of the site, concentrated in four bores (09S02, 09S18, 09S26, 09S27). Most of this area has been redesignated as Site 9A (to be removed during 1997). PAH contamination appears to be concentrated in the same area, though some PAHs above PRGs were also found south of Site 9A, at boring 09S17. The investigation data shows a wide distribution of pesticides slightly above SSLs or CGLs at Site 9. Most of the borings containing pesticides were in sodded areas maintained by NAS Pensacola landscaping contractors, indicating that the low levels of pesticides encountered appear consistent with current application. Notably, of the pesticides and PAHs found above standards in surface or subsurface soils at Site 9, none were detected above PRGs in site groundwater. Groundwater contamination was otherwise limited to inorganics above PRGs (secondary standards for aluminum, iron, and manganese). However, all aluminum and most iron concentrations exceeding PRGs were below the reference concentrations for these analytes. A lead concentration found in a Phase I groundwater sample was not *confirmed* in a subsequent resampling effort.

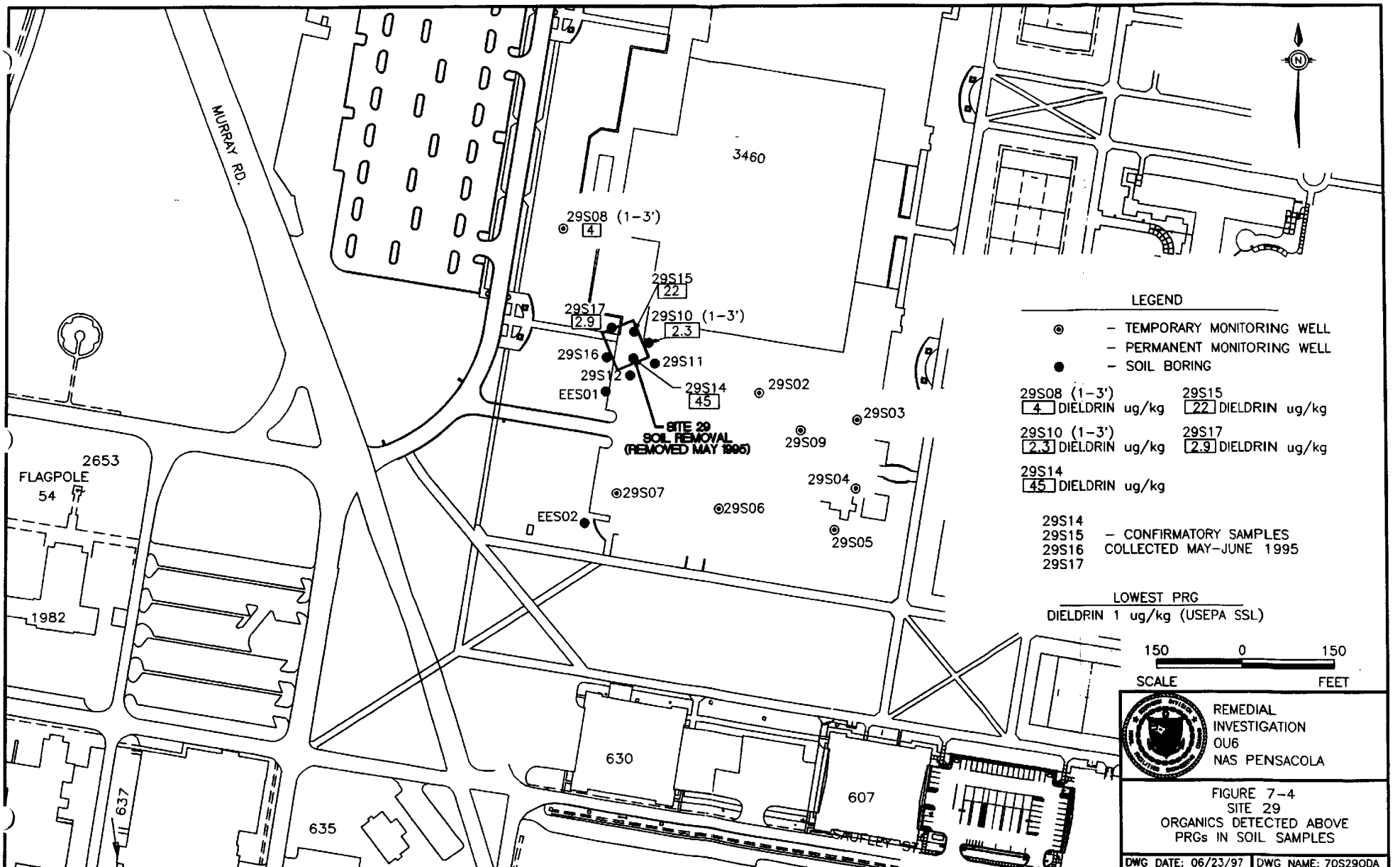
7.2 Site29

7.2.1 Soil Contamination Assessment

Downhill vapor concentrations at Site 29 ranged from 0 to 38.1 ppm, with the highest encountered in the eastern part of the site in bores 29S03, 29S04 and 29S09 (E/A&H 1994d). No surface or subsurface soil inorganics were detected above PRGs at this site.

Organics

Figure 7-4 diagrams soil organics above PRGs detected on Site 29. Subsurface dieldrin above the SSL (1 μg/kg), ranging from 2.3 to 45 μg/kg, was found in five samples collected from the northwest portion of the site area (bores 29S08 and 29S10; confirmatory samples 29S14, 29S15, and 29S17).


MURRAY RD.
3460
29S08 (1-3')
4
29S15
22
29S17
2.9
29S10 (1-3')
2.3
29S16
29S11
29S12
EES01
29S14
45
29S02
29S03
SITE 29
SOIL REMOVAL
(REMOVED MAY 1995)
29S09
29S04
29S07
29S06
EES02
29S05
2653
FLAGPOLE
54
1982
630
607
637
635
SAUFLEY ST.
LEGEND
- TEMPORARY MONITORING WELL
- PERMANENT MONITORING WELL
- SOIL BORING
29S08 (1-3')
4 DIELDRIN ug/kg
29S15
22 DIELDRIN ug/kg
29S10 (1-3')
2.3 DIELDRIN ug/kg
29S17
2.9 DIELDRIN ug/kg
29S14
45 DIELDRIN ug/kg
29S14
29S15
29S16
29S17
- CONFIRMATORY SAMPLES
COLLECTED MAY-JUNE 1995
LOWEST PRG
DIELDRIN 1 ug/kg (USEPA SSL)
150
0
150
SCALE
FEET
REMEDIAL
INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-4
SITE 29
ORGANICS DETECTED ABOVE
PRGs IN SOIL SAMPLES
DWG DATE: 06/23/97
DWG NAME: 70S29ODA

7.2.2 Groundwater Contamination Assessment

Inorganics

Figure 7-5 depicts the inorganics above PRGs and reference concentrations in Site 29 groundwater samples. Site wide, aluminum (ranging from 203 μg/L to 2,060 μg/L) exceeded the lowest PRG (50 μg/L) in seven of eleven site groundwater samples. Iron (ranging from 740 μg/L to 1,400 μg/L) exceeded the lowest PRG (300 μg/L) in three samples (29GR01), 29GR08, 29GM07). However, all aluminum and iron samples were below their respective NAS Pensacola groundwater reference concentrations. Manganese (ranging from 69.1 μg/L to 270 μg/L) exceeded the lowest PRG (50 μg/L) and groundwater reference concentration (22 μg/L) in eight of eleven site groundwater samples. Cyanide was found at one sample location at a concentration of 276 μg/L.

Reference Concentration Comparison

The NAS Pensacola groundwater reference concentrations for aluminum and iron both exceed the SMCL/FSDWS for each constituent. Though they were above the SMCL and/or FSDWS, as discussed above, aluminum and iron concentrations detected on Site 29 were below the groundwater reference concentrations for these analytes. Also, the NAS Pensacola reference concentration for manganese is below the PRG, which was exceeded in eight of 11 groundwater samples analyzed for the site.

Contamination Assessment — organics

Dieldrin at 0.13 μg/L (above the FGGC) was found in Phase I sample 29GR01. During the Phase II investigation, temporary well 29GR01 was resampled for pesticides to confirm the Phase I finding for dieldrin. No dieldrin was detected in the Phase II sample.

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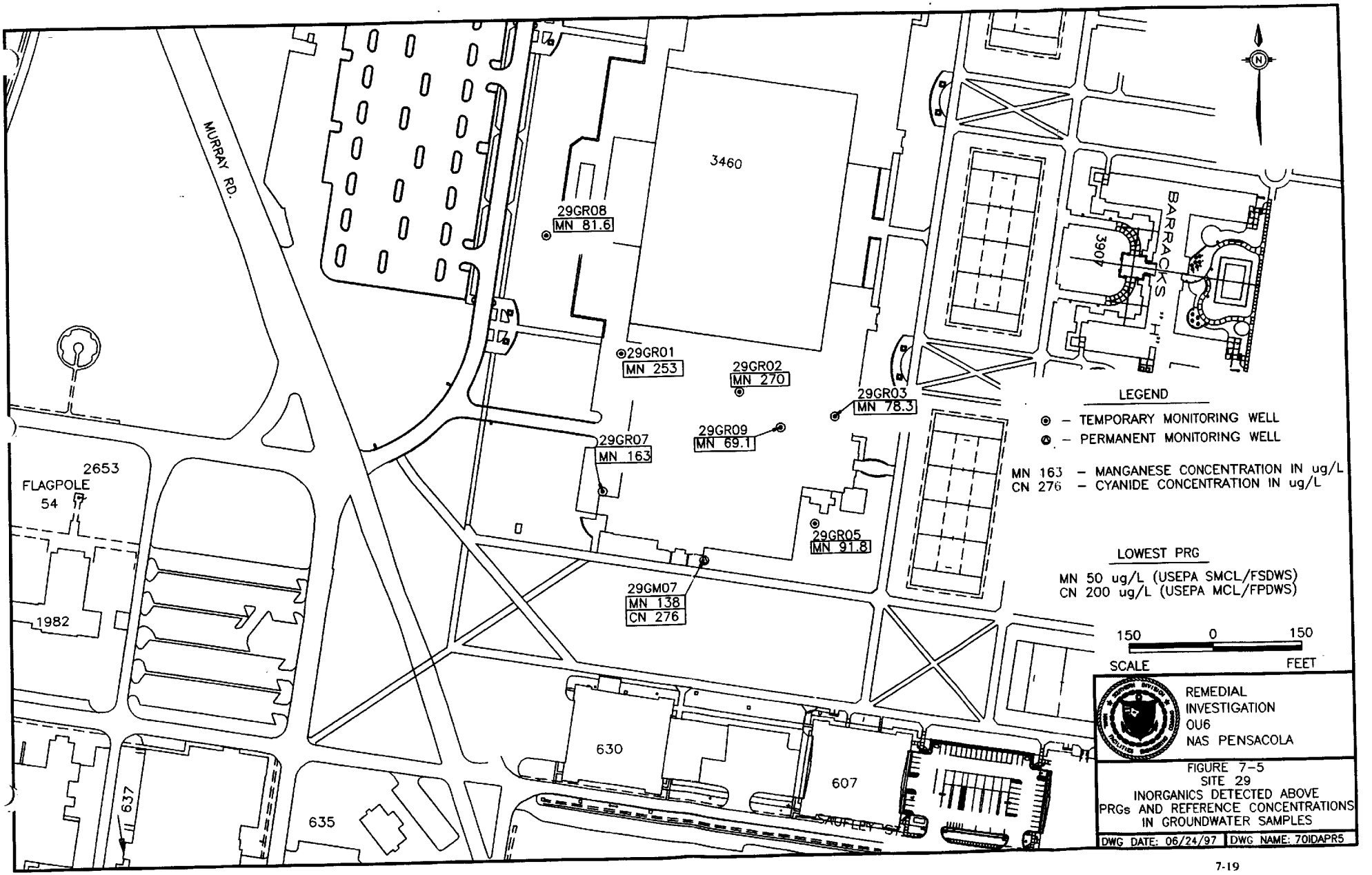
MURRAY RD.
3460
29GR08
MN 81.6
29GR01
MN 253
29GR02
MN 270
29GR03
MN 78.3
29GR09
MN 69.1
29GR07
MN 163
29GR05
MN 91.8
29GM07
MN 138
CN 276
2653
FLAGPOLE
54
1982
637
635
630
607
SAUFLEY ST.
BARRACKS
4063
3907
N
LEGEND
– TEMPORARY MONITORING WELL
– PERMANENT MONITORING WELL
MN 163 – MANGANESE CONCENTRATION IN ug/L
CN 276 – CYANIDE CONCENTRATION IN ug/L
LOWEST PRG
MN 50 ug/L (USEPA SMCL/FSDWS)
CN 200 ug/L (USEPA MCL/FPDWS)
150 0 150
SCALE FEET
REMEDIAL
INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-5
SITE 29
INORGANICS DETECTED ABOVE
PRGs AND REFERENCE CONCENTRATIONS
IN GROUNDWATER SAMPLES
DWG DATE: 06/24/97
DWG NAME: 70IDAPR5

Summary and Conclusions— Site 29

No inorganic constituents were found above PRGs in site soil samples. Organic soil contamination is limited to subsurface dieldrin in the northwest portion of the site. Though found in one Phase I groundwater sample, a Phase II resampling from the same well showed no dieldrin. Groundwater contamination was limited to inorganics above secondary standards (aluminum, iron, and manganese, along with one cyanide concentration). However detected concentrations are below reference concentrations for aluminum and iron. Also, there is no correlation between soil and groundwater concentrations of these parameters.

7.3 site34

7.3.1 Soil Contamination Assessment

Downhill concentrations on Site 34 varied between boring locations, ranging from 0 to 31 ppm. Field personnel noted that some of the higher readings were attributed to emissions from the northern end of Building 3557 where aircraft cleaning operations were being conducted. During advancement of boring 34S01, vapor concentrations up to 60 ppm were found at the nearby concrete trench where solvent pipes from the tank farm enter the foundation of Building 3557 (E/A&H, 1994d). No surface or subsurface soil inorganics were detected above PRG at this site.

organics

Figure 7-6 diagrams soil organics detected on Site 34 which exceeded 1997 PRGs. As with Site 29, scattered subsurface dieldrin above the SSL, ranging from 1.6 to 6 μg/kg, was found in samples collected from the site area (boring 34S05, confirmatory samples 34S11, 34S12, 34813, and 34814).

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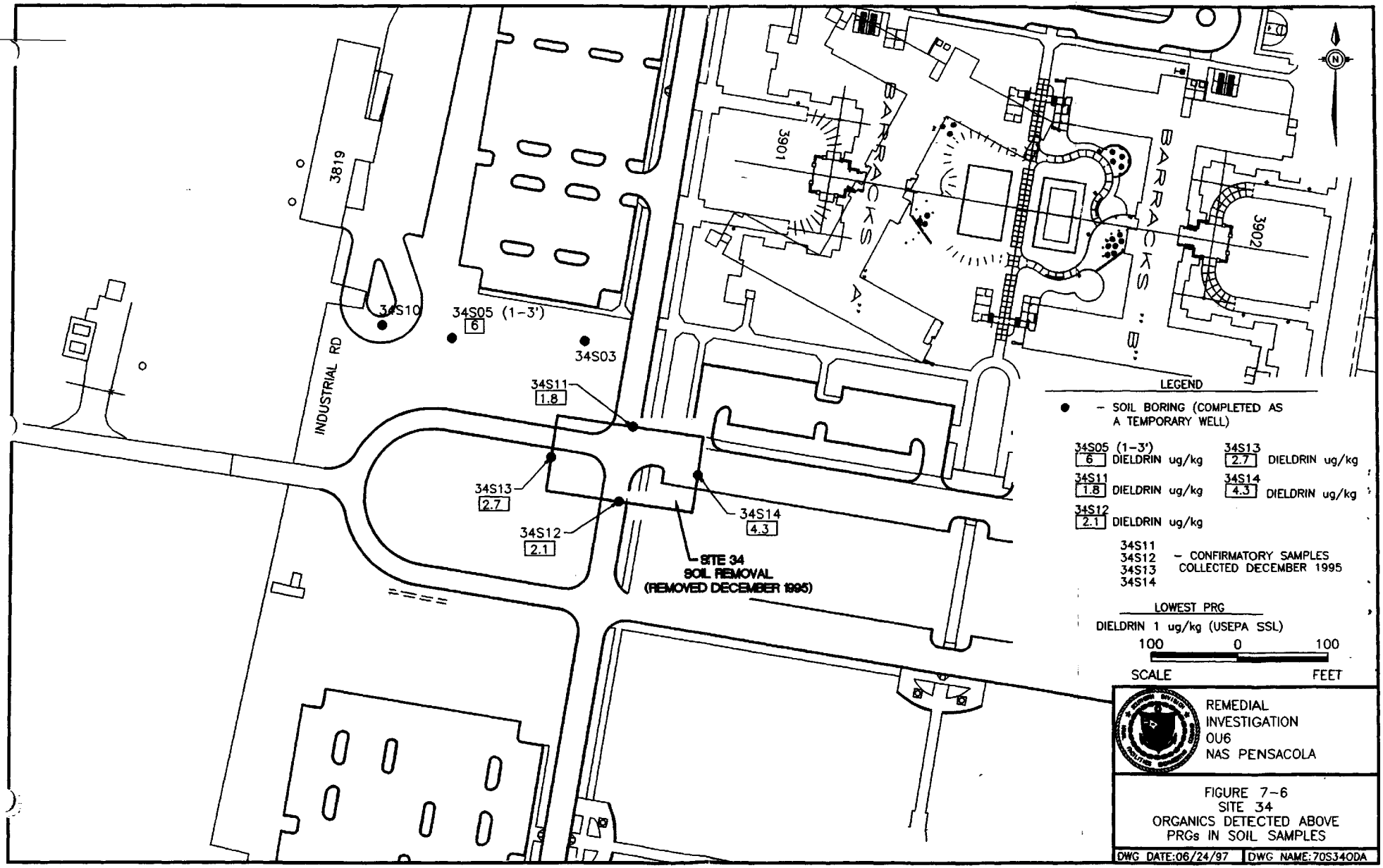
3819
3901
3902
BARRANCAS AVE
BARRANCAS AVE
INDUSTRIAL RD
34S10
34S05 (1-3')
6
34S03
34S11
1.8
34S13
2.7
34S12
2.1
34S14
4.3
SITE 34
SOIL REMOVAL
(REMOVED DECEMBER 1995)
LEGEND
- SOIL BORING (COMPLETED AS A TEMPORARY WELL)
34S05 (1-3') 6 DIELDRIN ug/kg
34S13 2.7 DIELDRIN ug/kg
34S11 1.8 DIELDRIN ug/kg
34S14 4.3 DIELDRIN ug/kg
34S12 2.1 DIELDRIN ug/kg
34S11
34S12
34S13
34S14
- CONFIRMATORY SAMPLES COLLECTED DECEMBER 1995
LOWEST PRG
DIELDRIN 1 ug/kg (USEPA SSL)
100 0 100
SCALE FEET
REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-6
SITE 34
ORGANICS DETECTED ABOVE PRGs IN SOIL SAMPLES
DWG DATE:06/24/97
DWG NAME:70S340DA

7.3.2 Groundwater Contamination Assessment

Inorganics

Figure 7-7 depicts the inorganics above PRGs and reference concentrations in Site 34 groundwater samples. Site wide, aluminum (ranging from 63.2 μg/L to 482 μg/L) exceeded the lowest PRG (50 μg/L) four of six site groundwater samples (34GR01, 34GS02, 34GM53, and 34GM61). Iron (ranging from 295 μg/L to 5,520 μg/L) exceeded the lowest PRG (300 μg/L) in all six site groundwater samples. However, all aluminum samples were below the respective NAS Pensacola groundwater reference concentration (3,882.8 μg/L). Three iron concentrations (ranging from 1,260 μg/L to 2,340 μg/L) at 34GR01, 34GR02, and 34GM61, exceeded both the PRG (300 μg/L) and reference concentration (1,707.8 μg/L). Manganese (ranging from 55.2 μg/L to 475 μg/L) at 34GR01, 34GR02, and 34GS02, exceeded the lowest PRG (50 μg/L) and groundwater reference concentration (22 μg/L) in four of six site groundwater samples (34GR01, 34GR02, 34GS01, and 34GM61). Lead was detected above MCL/FPDWS (15 μg/L) in the Phase IIb sample from well 34GS02 at 73.2 μg/L. This well had previously been sampled for semivolatiles and volatiles only.

Groundwater Reference Concentration Comparison

As discussed, the NAS Pensacola groundwater reference concentrations for aluminum and iron both exceed the SMCL/FSDWS for each compound. Site 34 aluminum concentrations above the SMCL were below the NAS Pensacola reference concentration for this analyte. The reference concentration for iron was exceeded in four of six Site 34 groundwater iron concentrations that also exceeded the SMCL/FSDWS. However, these results were within the range for groundwater iron in NAS Pensacola reference concentrations. The NAS Pensacola reference concentration for manganese is below the PRGs, which was exceeded in samples from four of six wells from the site.

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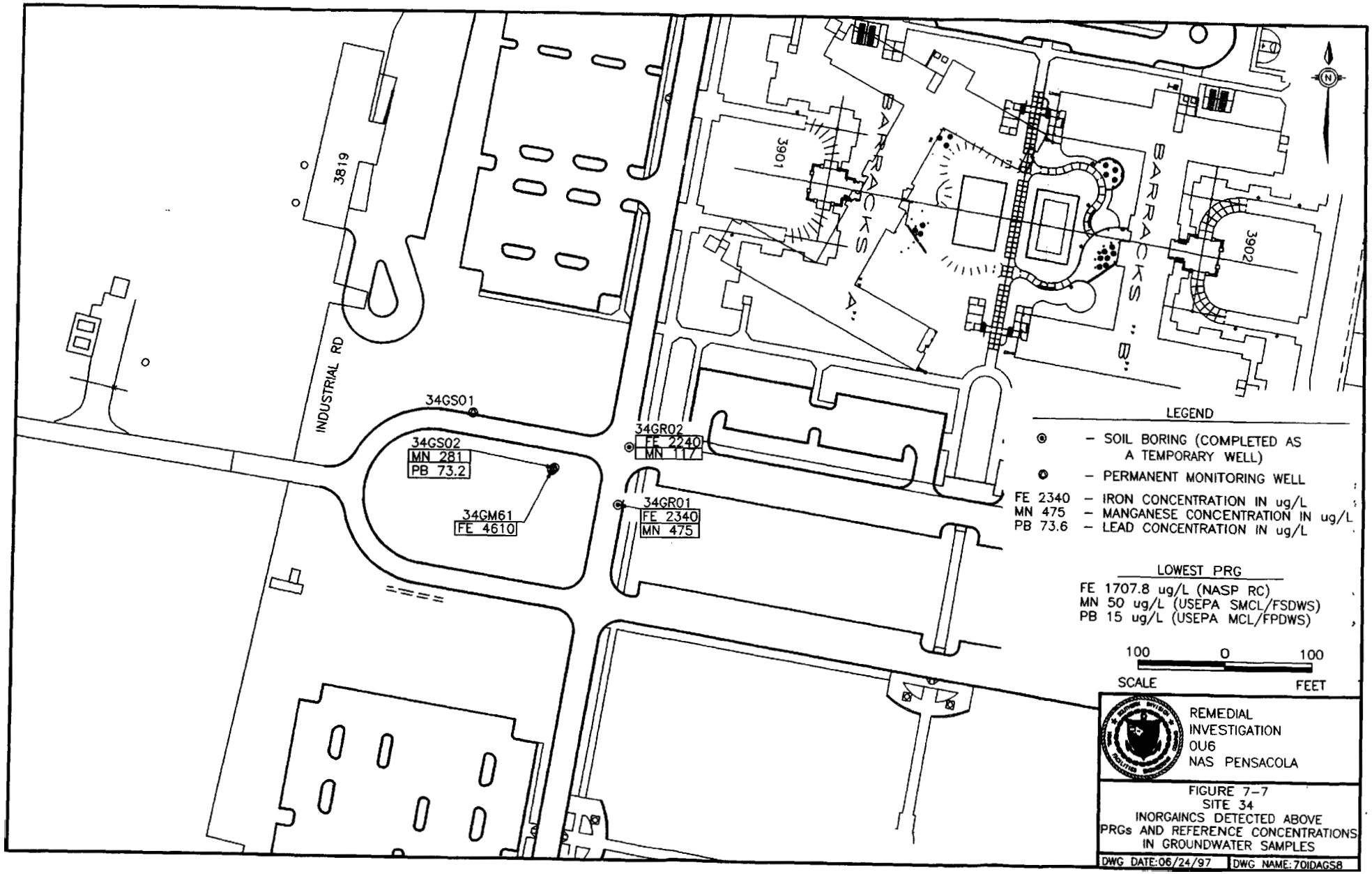
3819
INDUSTRIAL RD
34GS01
34GS02
MN 281
PB 73.2
34GM61
FE 4610
34GR02
FE 2240
MN 117
34GR01
FE 2340
MN 475
3901
BARRACKS A
BARRACKS B
3902
LEGEND
– SOIL BORING (COMPLETED AS A TEMPORARY WELL)
– PERMANENT MONITORING WELL
FE 2340 – IRON CONCENTRATION IN ug/L
MN 475 – MANGANESE CONCENTRATION IN ug/L
PB 73.6 – LEAD CONCENTRATION IN ug/L
LOWEST PRG
FE 1707.8 ug/L (NASP RC)
MN 50 ug/L (USEPA SMCL/FSDWS)
PB 15 ug/L (USEPA MCL/FPDWS)
100 0 100
SCALE FEET
REMEDIAL INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-7
SITE 34
INORGAINCS DETECTED ABOVE PRGs AND REFERENCE CONCENTRATIONS IN GROUNDWATER SAMPLES
DWG DATE:06/24/97
DWG NAME:70IDAGS8

organics

Figure 7-8 displays organics detected in Site 34 groundwater that exceeded PRGs. Naphthalene and 2-methylnaphthalene were found to exceed applicable PRGs for groundwater on Site 34. The Phase I samples from temporary wells 34GR01 and 34GR02 each contained naphthalene above the FGGC at 320 μg/L. The Phase I sample from well 34GR02 also contained 2-methylnaphthalene (270 μg/L) above the tapwater RBC. The Phase II resampling of 34GR01 also contained naphthalene (39 μg/L) above the FGGC. The Phase II resampling of 34GR02, however displayed no organics above standards.

Summary and Conclusions — Site 34

No inorganic constituents were found above PRGs in site soil samples. Organic soil contamination is limited to scattered subsurface dieldrin. This dieldrin contamination *can* be attributed to application, and grading/backfilling/construction activities. Notably, dieldrin was not detected in site groundwater. Groundwater contamination included inorganics above PRGs (aluminum, iron, and manganese, *along* with one lead concentration). All aluminum and three of six iron concentrations were below the reference concentrations for these constituents. There is no correlation between soil and groundwater concentrations of aluminum, iron and *manganese* at this site. The groundwater sample from 34GS02 contained lead above PRGs. Lead was not detected in groundwater from the immediately adjacent deep well (34GM61); neither was lead detected in groundwater samples from downgradient monitoring wells (34GM53 and 30GS118 [OU2 well]). While the lead exceeding PRGs might be attributable to adsorption to a suspended particulate, it apparently affects only a small area of groundwater and is sufficiently delineated for *this* report's purpose. Organics in groundwater above PRGs included naphthalene (34GR01). *Also,* soils previously found to be contaminated with this semivolatile were subject to interim removal, and no semivolatiles above standards appeared in the confirmatory samples. The source of this groundwater contamination should be considered removed.

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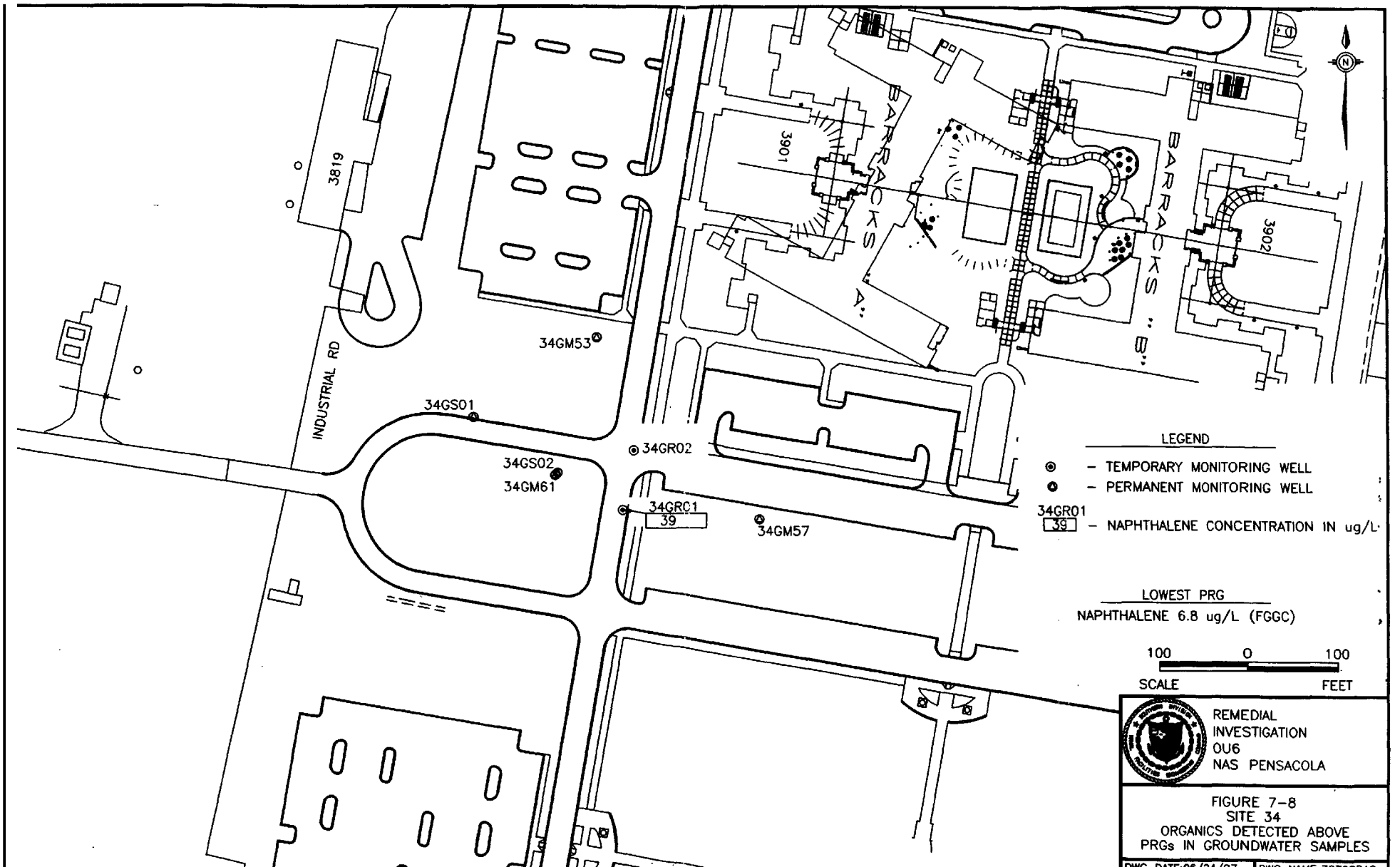
3819
INDUSTRIAL RD
34GM53
34GS01
34GS02
34GM61
34GR02
34GR01
39
34GM57
3901
3902
BARRACKS
LEGEND
– TEMPORARY MONITORING WELL
– PERMANENT MONITORING WELL
34GR01
39
– NAPHTHALENE CONCENTRATION IN ug/L
LOWEST PRG
NAPHTHALENE 6.8 ug/L (FGGC)
100
0
100
SCALE
FEET
REMEDIAL
INVESTIGATION
OU6
NAS PENSACOLA
FIGURE 7-8
SITE 34
ORGANICS DETECTED ABOVE
PRGs IN GROUNDWATER SAMPLES
DWG DATE:06/24/97
DWG NAME:7079ODAG

8.0 DATA VALIDATION

Data have been validated for all field and analytical data collected from the investigation of OU6 at NAS Pensacola, with the exception of confirmatory sampling data for soil removals and the 1996 samples collected at Site 9A. Initial analyses were conducted by Pace Laboratories, Inc., at its Hampton, New Hampshire and Minneapolis, Minnesota facilities. Secondary sample analyses were performed by CompuChem Laboratories, Inc., Research Triangle Park, North Carolina, and S-Cubed Laboratories, San Diego, California. The analytical protocols were performed in accordance with the following guidance documents:

- USEPA CLP, ***Statement*** of Work ***(SOW) for Organic Analyses (CLP*** 3/90) (USEPA, 1991a).

- USEPA CLP, ***SOW for Inorganic Analyses (CLP 3/90)*** (USEPA, 1990b).

- Determination of Total Organic Carbon in soil, sediment, sludge and aqueous samples based on ***EPA Method 505,*** contained in ***Standard Methods for Examination of Water and Wastewater (17th Edition, 1989)*** (USEPA, 1989a).

- Organic and inorganic analyte mobility in liquid, solid and multiphasic waste samples was determined according to the Toxicity Characteristic to identify hazardous waste, based on the ***Toxicity Characteristic Leaching Procedure (TCLP) EPA Method 1311*** contained in ***Test Methods for Evaluating Solid Wastes (SW-846, 3d Edition)*** (USEPA, 1986).

- Organic and inorganic analyte mobility in liquid, solid, and multiphasic waste samples was determined according to the Toxicity Characteristic to identify hazardous waste, based on the ***Synthetic Precipitation Leaching Procedure (SPLP) EPA Method 1312*** contained in ***Test Methods for Evaluating Solid Wastes (SW-846, 3d Edition)*** (USEPA, 1986).

- NEESA Level D QA/QC guidelines as stated in the *Sampling and Chemical Analysis Quality Assurance Requirements for the Navy Installation and Restoration Program (NEESA 20.2-047B)* (NEESA, 1988).

- Data validation was performed in accordance with the *USEPA CLP National Functional Guidelines For Organic and Inorganic Data Review, February 1994.* Office of Solid Waste and Emergency Response (USEPA, 1994b).

8.1 Data Quality

The overall investigational data quality for OU6 site remediation and risk assessment was evaluated and validated with the appropriate qualifiers based on data usability and CLP contractual satisfaction. Sample collection and analysis was performed under 12 organic and 12 inorganic CLP Sample Delivery Groups (SDGs). Secondary sample collection and analysis was performed under 16 organic and five inorganic SDGs. All case numbers were designated with the abbreviation PENSA to designate Pensacola.

8.2 Organic Analysis

Each SDG was received by the laboratory in good condition with the proper chain-of-custody documents and seals intact. All technical and contractual holding times from sampling date and Verified Time of Sample Receipt until the time of sample extraction and/or analysis were in compliance with contract and technical requirements.

8.2.1 Blanks

Blanks klp determine the existence and magnitude of any contamination resulting from the laboratory or field. All associated data are evaluated to determine whether there are inherent variabilities in the data, or if the problem is an isolated occurrence and does not affect the data. The blank data provided for the OU6 investigation indicated various concentrations of toluene,

methylene chloride, and acetone for volatiles and several phthalate esters for semivolatiles. These compounds are considered common laboratory artifacts and were evaluated and qualified based on the action levels found for each SDG.

Action levels are based on the highest positive sample concentration of any laboratory artifact found in each method blank(s) or QC sample above the Contract Required Quantitation Limit (CRQL). In other words, no positive sample result for a common laboratory artifact is reported unless the concentration of that particular artifact exceeds the action level of 10 times (10X) the amount found in any blank(s). For compounds that are not considered common laboratory artifacts, the action level is five times (5X) the amount found in any blank or QC sample.

Two types of blanks were created in the laboratory during preparation and sample analysis. Each sample designation will be followed by a number corresponding to that blank. For example, the third volatile method blank would be designated "VBLK03."

Method Blank

VBLK	–	Volatile Method Blank
SBLK	–	Semivolatile Method Blank
PBLK	–	Pesticide/PCB Method Blank

These blanks are used by the laboratory to determine contamination concentrations associated with sample processing and analysis. Method blanks are identified by the laboratory using the first letter of the analysis fraction performed, followed by the abbreviation BLK for "Blank."

Instrument Blank

PIBLK	–	Pesticide/PCB Instrument Blank

The laboratory uses the instrument blank to determine whether or not pesticide/PCB contamination can be attributable to the measuring instrument.

SDG 501 Volatile Organic Analyses

In SDG 501, the compound methylene chloride was detected at concentrations of 5 µg/L, 3 µg/L, and 740 µg/L in method blanks VBLKCP, VBLKCQ, and VBLKCT. The trip blank 09ST01 and the equipment blank 09SE01 contained 4 µg/L of methylene chloride.

SDG 504 Volatile Organic Analyses

In SDG 504, the compounds acetone, 2-butanone, and 2-hexanone were detected at concentrations of 3 µg/kg, 2 µg/kg, and 5 µg/kg, respectively, in soil method blank VBLK01. Acetone and 2-hexanone were detected at 5 µg/kg and 4 µg/kg, respectively, in soil method blank VBLK02. Acetone and 2-hexanone were detected at 3 µg/kg and 4 µg/kg, respectively, in soil method blank VBLK03. No positive detection of acetone, 2-butanone, or 2-hexanone was found in the associated samples. All positive results for acetone were qualified using the equipment blank 29SE03 because acetone was detected at 47 µg/L in that blank. Detections of acetone in the associated samples below 10X this amount were flagged as undetected (U). Also, the detection limit was raised to the concentration of contamination and/or quantitation limit for each sample.

Acetone was also detected at 12 µg/L in the field blank 70FB04. Because the concentration in the field blank was less than that in the equipment blank, the equipment blank was used to qualify all associated sample results. In trip blank 29ST05, acetone and methylene chloride were detected at 4 µg/L and 2 µg/L, respectively. The detection of methylene chloride in the associated sample 29S0601 below 10X the amount was flagged as undetected, with the detection limit being raised to the concentration of contamination in the sample. Acetone and methylene chloride contamination was also detected at 4 µg/L and 2 µg/L, respectively, in trip blank 29ST05. Acetone was qualified using equipment blank 29SE03. The detection of methylene chloride in the

associated sample 29S0601 below 10X the amount was flagged as undetected, with the detection limit being raised to the level of contamination in the sample. Acetone and methylene chloride were detected at 3 μg/L and 2 μg/L, respectively, in trip blank 29ST03. Acetone was qualified using equipment blank 29SE03, and methylene chloride was qualified using trip blank 29ST05. Blank contaminations below the CRQL were raised to the CRQL and flagged as undetected (U).

SDG 504 Semivolatile Organic Analyses

In SDG 504, dioctyl ester hexanedioic acid, a tentatively identified compound (TIC), was detected at 4,900 μg/kg in soil method blank SBLK41. Using the 5X rule, this concentration was sufficient to eliminate the detection in associated sample 29S0703, and the compound was flagged as undetected (U). Di-n-butylphthalate and bis(2-ethylhexyl)phthalate were both detected at 5 μg/L in field blank 70FB04. The detection of bis(2-ethylhexyl)phthalate in associated sample 2980701 below 10X this amount was flagged as undetected, with the detection limit being raised to the concentration of contamination in the sample. Blank contaminations below the CRQL were raised to the CRQL and flagged as undetected (U).

During the laboratory's day-today activities and operations, samples from several different NAS Pensacola sites were analyzed together within several SDGs. As a result equipment rinsate blanks, equipment rinsate/trip blanks, potable water blanks and trip blanks from these other sites were also used in the evaluation of pesticide/PCB sample results for Sites 9, 29, and 34. Although none of the target pesticide/PCB analytes are considered to be common laboratory artifacts, E/A&H believes that the associated QA/QC blank sample contamination was introduced by the laboratory at the time of sample preparation, dilution, and/or sample analysis. Therefore, as in the case of volatiles, semivolatiles, and pesticides/PCBs, action levels were calculated based on the analyte concentrations indicated in each SDG, and all associated sample results were qualified accordingly.

SDG 508 Volatile Organic Analysis

Acetone and methylene chloride were detected at 12 µg/L and 2 µg/L, respectively, in water method blank VBLKGU. Detections of these compounds in the associated samples below 10X these amounts were flagged as undetected (U), with the detection limit being raised to the concentration of contamination in each sample. The TIC compound trimethylsilanol was detected at 8 µg/L in rinsate blank 29GE01. Using the 5X rule, this concentration was sufficient to eliminate the detection in associated sample 29GR07, and the compound was flagged as undetected (U). Acetone was detected at 11 µg/L in trip blank 29GE01. Acetone was qualified using method blank VBLKGU. No further action was necessary. Blank contaminations below the CRQL were raised to the CRQL and flagged as undetected (U).

SDG 511 Volatile Organic Analyses

Acetone was detected at 3.0 µg/L in method blank VBLKGW. There were no positive detections for acetone in the associated samples. Also, there were no positive detections in any of the associated blanks for semivolatile and pesticide/PCB analysis, therefore no action was taken.

In evaluating the data provided by these QC samples, all frequencies and compliance requirements were found to be satisfactory. E/A&H believes that these common laboratory artifacts and other blank contaminants are partially, if not all, a result of laboratory conditions at the time of sample analysis. Therefore, no conclusions or recommendations for Sites 9, 29, and 34 at NAS Pensacola are based on laboratory artifacts.

8.2.2 Calibration

Requirements for instrument calibration were established to ensure that the data provided are qualitatively and quantitatively acceptable. The initial calibration measures the instrument's stability, which gives an indication of its sensitivity and capabilities before the analytical run. The continuing calibration indicates the instrument's performance throughout and at the end of each

subsequent analytical run. Historical performance data indicate poor response and/or erratic behavior by those compounds known as common laboratory artifacts. Since no contractual criteria for these compounds exists, for review and data validation purposes all compounds, including the common laboratory artifacts, were considered for qualification when the following criteria were not met.

- Initial/continuing calibration standard relative response factors (RRFs) for all target compounds and surrogates must be equal to or 'greater than *0.05.*

- Percent relative standard deviation (%RSD) must not exceed ± 30 percent in the initial calibration.

- Percent difference (%D) not exceeding ± 25 percent in the continuing calibration.

SDG *504* Volatile Organic **Analyses**

Several volatile compounds, including methylene chloride, acetone, 2-butanone, 2-hexanone, and chloromethane, consistently failed %RSD criteria during the initial calibration analysis for almost every organic **SDG.** Also acetone, 2-butanone, 2-hexanone, and chloromethane each failed %D criteria during the continuing calibration analysis for several SDGs. In **SDG 504,** the **%RSDs** exceeded the **30** percent QC limit for the initial calibration standard analysis on September **17, 1993** for the following compounds:

Compounds	**%RSD**
Chloromethane	**34.9%**
Acetone	**39.9%**

There were no positive detections of chloromethane in the associated samples. Also in SDG 504, positive detections of acetone in associated samples 29S0403 and 29S0701D were flagged as estimated (J). In the continuing calibration the %Ds for the standard analysis on February 7, 1994 exceeded the 25 percent QC limit for the following compounds:

Compounds	%RSD
Chloromethane	34.3%
Acetone	33.7%

The %Ds for the continuing calibration standard analyzed on February 8, 1994, exceeded the 25 percent QC limit for the following compounds:

Compounds	%RSD
Chloromethane	26.9%
Acetone	32.3%

The %Ds for the continuing calibration standard analyzed on February 9, 1994, exceeded the 25 percent QC limit for the following compounds:

Compounds	%RSD
Chloromethane	34.1%
Chloroethane	38.7%
2-Butanone	61.1%
4-Methyl-2-pentanone	36.8%
2-Hexanone	139.6%

No positive detections of these compounds were found in the associated samples; no action was required.

SDG 504 Semivolatile Organic Analyses

In the case of semivolatile analysis, the compounds **4-chloroaniline,** 3,3-dichlorobenzidine, di-n-octylphthalate, **bis(2-ethylhexyl)phthalate,** 4-chlorophenyl-phenylether, and **hexachlorocyclopentadiene** failed %D criteria due to poor response and/or frequent intervals of erratic behavior. Although this was a systematic occurrence, these poor responders represent the large majority of compounds that failed both %D and/or %RSD for nearly each **SDG.** If the %RSD was greater than 30 percent and elimination of either the high or low point on the initial calibration curve and recalculation did not restore the %RSD result to a value of 30 percent or less, all associated positive sample results outside the linear portion of the initial calibration curve were qualified with a J flag. However, if *this* action did restore the %RSD result to a value of 30 percent or less, no action is deemed necessary based on CLP QC protocols. The initial calibration semivolatile standard analyzed on October 11, 1993, exceeded the **30** percent QC limit for %RSDs for the following compounds:

Compounds	**%RSD**
4-Chloroaniline	97.5%
Hexachlorocyclopentadiene	42.8%
Diethylphthalate	**44.5%**
4-Chloropheny l-pheny lether	33.0%
Fluorene	33.9%
3,3'-dichlorobenzidine	48.3%

Associated nondetect results for 4-chloroaniline are flagged as estimated (UJ). Because there were no positive detections of the other compounds in the associated samples, no data qualification was necessary.

The continuing calibration semivolatile standard analyzed on February 9, 1994, exceeded the 25 percent QC limit for the following compounds:

Compounds	%D
4-Chloroaniline	54.4%
Hexachlorocyclopentadiene	26.6%

No data qualification was required because there were no positive detections of these compounds in the associated samples. The RRF for 4-chloroaniline was 0.039, which was below the QC limit of 0.050. All results for this compound were rejected (R) in associated samples 29S0405, 29S0601, 29S0603 and 29SO701D, which consisted entirely of nondetects. The %Ds exceeded the 25 percent QC limit for the continuing calibration standard analyzed on February 12, 1994, for the following compounds:

compounds	%D
4-Chloroananiline	70.2%
Hexachlorocyclopentadiene	53.1%
2,4-Dinitrophenol	64.31
4,6-Dinitro-2-methylphenol	45.7%
3,3'-Dichlorobenzidine	60.0%
Di-n-octylphthalate	28.2%
Benzo(g,h,i)perylene	31.6%

No data qualification was necessary because there were no positive detections of the other compounds in the associated samples. The RRFs were below the QC limit of 0.05 for the following compounds:

Compounds	RRF
4-Chloroaniline	0.026
Hexachlorocyclopentadiene	0.048
2,4-Dinitrophenol	0.047
3,3'-Dichlorobenzidine	0.022

The results for these compounds were flagged as rejected (R) in associated sample 29S0703, which consisted entirely of nondetects.

SDG 50 Volatile Organic Analyses 8

In the case of volatile analysis for the initial calibration standard analyzed on December 10,1993, the %RSD was 58.9 percent for acetone, which exceeded the 30 percent QC limit. There were no positive detections of acetone in the associated samples, so no action was taken. In the continuing calibration standard analyzed on February 10, 1994, the %D exceeded the 25 percent QC limits for the following compounds:

Compounds	%D
Chloromethane	27.7%
1,2-Dichloroethane	26.6%
4-Methyl-2-pentanone	56.9%
2-Hexanone	31.4%

There were no positive detections of these compounds in the associated samples, so no action was taken. The %Ds for the calibration standard analyzed on February 8, 1994, exceeded the 25 percent QC limit for the following compounds:

Compounds	%D
Acetone	28.5%
4-Methyl-2-pentanone	56.9%

Because there were no positive detections of these compounds in the associated samples, no action was required.

SDG 508 Semivolatile Organic Analyses

The %Ds for the continuing calibration standard analyzed on February 10, 1994, exceeded the 25 percent QC limit for the following compounds:

Compounds	%D
2.4-Dinitrophenol	27.4%
Pentachlorophenol	39.7%

Because there were no positive detections of these compounds in the associated samples, no data qualification was required.

SDG 508 Pesticide/PCB Organic Analyses

The %RSDs for alpha-BHC and gamma-BHC were 29.3 percent and 22.1 percent, respectively, for the initial calibration analyses on February 8, 1994, on the primary column (SPB-1701), which exceeded the 20 percent QC limit. Because these were the only two exceedances, no action was required. The %RSD for methoxychlor was 23.3 percent for the initial calibration analyses on

February 8, 1994, on the secondary column (SPB-608), which exceeded the 20 percent QC limit. Because this was the only exceedance, no action was necessary. The relative %D was 28.5 percent for the surrogate DCB reported in the continuing calibration analyses analyzed on February 8, 1994, on the secondary column (SPB-608). All results for associated sample 29GR07, which consisted entirely of nondetects, were flagged as estimated (UJ).

SDG 511 Semivolatile Organic **Analyses**

All the initial calibration CLP QC criteria were met for SDG 511, therefore no action was deemed necessary. However, the %Ds for the continuing calibration standard analyzed on February 14, 1994, exceeded the 25 percent QC limit for the following compounds:

Compounds	%D
2,2'-Oxybis(1-chloropropane)	45.8%
Hexachlorocyclopentadiene	39.6%
2,4-Dinitrophenol	33.1%
4-Chloropheny l-pheny lether	26.0%
4,6-Dinitro-2-methylphenol	29.8%
Hexachlorobenzene	25.2%
Pentachlorophenol	30.9%

Because there were no positive detections of these compounds in the associated samples, data qualification was not required. The %Ds for the continuing calibration standard analyzed on February 15, 1994, exceeded the 25 percent QC limit for the following compounds:

Compounds	%D
2,2'-Oxybis(l-chloropropane)	49.6%
2,4-Dinitrophenol	41.1%
4-Chloropheny l-pheny lether	32.0%
Pentachlorophenol	35.4%

Continuing Calibration Standard Analyzed **on February 17,1994**

Compounds	%D
2,2'-Oxybis(1-chloropropane)	62.6%
2,4-Dinitrophenol	44.8%
2,4-Dinitrotoluene	30.5%
4,6-Dinitro-2-methylphenol	47.3%
4-Chlorophenyl-phenylether	30.2%
Pentachlorophenol	35.9%

Continuing Calibration Standard Analyzed **on February 18,1994**

Compounds	%D
2,2'-Oxybis(1-chloropropane)	57.0%
2,4-Dinitrophenol	31.9%
4-Chlorophenyl-phenylether	25.4%
4,6-Dinitro-2-methylphenol	38.9%
Pentachlorophenol	29.8%

There were no positive detections of these compounds in the associated samples, therefore no action was necessary.

8.2.3 Precision

In each method used to analyze environmental samples, there are variations in the reported results that may be due to random differences in the handling and analysis of that matrix. These variations are referred to as the *precision* or the *reproducibility of results*. To demonstrate reproducibility, the CLP SOW specifies the addition of known quantities of several compounds

to two separate aliquots of each sample matrix type. The "spiked" aliquots are referred to as the MS and the MSD. These samples then can be analyzed by applying the same preparation techniques and analytical methods used for all the samples of similar matrix types. This enables the MS and MSD to be used to detect matrix effects caused by contamination during analysis that could also interfere with and/or cover up target compounds present in the sample.

SDG 508 Semivolatile Organic Analysis

The percent recovery of 4-nitrophenol was 84 percent for MSD sample 29GR07MSD, which exceeded the 10 to 80 percent QC limits. Because there were no positive detections of this compound in the associated samples, no action was required.

E/A&H believes the MS/MSD results indicate the effect of sample matrix on the associated sample data, including the MS/MSD samples themselves. This *can* be determined by consistent high percent recoveries when deionized water is analyzed, and the inconsistent percent recoveries and %RPDs reported when soil samples are analyzed. As a general rule, no action is taken on MS/MSD data alone. However, the MS and MSD results are used in conjunction with other QC criteria such as surrogate recoveries, internal standard area QC requirements, and the comparison of %RSD results of nonspiked compounds with the original sample results to determine the need to qualify some of the associated positive results as estimated or unusable.

8.2.4 Accuracy

Accuracy is the degree to which a given result agrees with the *true* value. To check the accuracy in a volatile, semivolatile, pesticide, and/or PCB analysis, the CLP SOW requires the addition of known amounts of surrogate compounds and *internal* standard compounds, or compounds which are not likely to be found in the actual samples. If upon analysis of the sample, the percent recovered for the surrogate and/or internal standard compounds is accurate, that is, close to the

known concentrations as defined within the limits set by the CLP, then the reported target compound concentrations are assumed to be accurate.

Also, the accuracy of the overall measurement system is an indication of any bias that may exist in the environmental laboratory and/or in the field sampling/analysis plan. Possible sources of error may include the sampling process, field and/or laboratory contamination, preservation, and handling or the sample matrix itself. Other methods used to determine field inaccuracies include trip blanks and the preparation and analysis of field blanks, potable water blanks, and equipment rinsate blanks.

In SDG 504, the internal standard area counts were below the 50 to 200 percent QC limits for the following samples and internal standards. This is described in Table 8-1.

All laboratory data were considered acceptable with qualification. Samples 29S0501, 29S0403, 29S0701, and 29S0701D were diluted and re-analyzed. The concentrations of acetone exceeded the five standards calibration range in the undiluted samples. The values of this compound in the diluted samples are considered more accurate. Two samples, 29S0405 and 70FB04, were re-analyzed. Because the two re-analyses are essentially the same as the first analyses, they are considered to be of comparable data quality.

Table 8-1
Internal Standards Performance

Sample	Internal Standards	Area count
29S0501	Bromochloromethane	17%
29S0501	1,4-Difluorobenzene	14%
29S0501	Chlorobenzene-d5	11%
29S0403	Chlorobenzene-d5	37%
29S0405	1,4-Difluorobenzene	41%
29S0405RE	Chlorobenzene-d5	45%
70FB04	1,4-Difluorobenzene	26%
70FB04RE	1,4-Difluorobenzene	47%

SDG 508 Pesticide/PCB Organic Analyses

The Percent Recoveries of tetrachloro-m-xylene (TCX) and decachlorobiphenyl (DCB) for the following samples were below the 60 to 150 percent QC limits:

Samples	TCX (%R)	DCB (%R)
29GR07	—	In/58
29GR06	—	51/48
29GR05	—	49/46
29GR02	—	40/38
29GR09	—	36/34

Samples	TCX (%R)	DCB (%R)
29GR01	—	40/36
29GR04	—	39/37
29GR03	—	55/52
29GR08	—	31/30

samples	TCX (%R)	DCB (%R)
29GR08D	—	56/54
29GGW07	15/15	6/6
29GE01	—	20119

All sample data for sample 29GGW07 due to low surrogate recoveries (< 10 percent). All remaining laboratory data were acceptable with qualification.

However, as indicated earlier, the pesticide/PCB analytical data within each SDG were determined to be reliable and usable with the appropriate data qualifiers. This was based on the evaluation of all associated QC such as the initial and continuing calibrations, retention time criteria, and %D and %RSD criteria. CLP QC limits are advisory and no action is provided for samples with failing surrogate recoveries.

8.2.5 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represent the characteristic of a population, parameter variations at a sampling point, or an environmental condition. The duplicate samples assist in giving an indication of overall field and laboratory precision. A greater variance should be expected for the soil sample duplicates than for water sample duplicates due to the differences in matrix. In all cases, the duplicate results were found to be in close agreement with the original results, because most variations are due mainly to common laboratory artifacts.

8.2.6 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid. One hundred eighty-four samples were analyzed for full CLP TAL/TCL investigation of Sites 9, 29,

and 34. All positive organic sample results were determined to be valid with some qualification. Therefore, the data meet the 90 percent completeness level.

8.2.7 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. All samples for Sites 9, 29 and 34 were collected using the USEPA Region IV standard operating procedures and analyzed according to CLP SOW protocol.

8.3 Inorganic Analysis

The analytical methods were performed in accordance with the USEPA CLP SOW for Inorganics Analyses (3/90) guidelines. However, for hexavalent chromium analysis the laboratory employed Method 7196A, and for the determination of characterized contaminants in hazardous waste leachate, TCLP Method 1311 was used. Each method is listed in the USEPA's *Test Methods for Evaluating Solid Wastes, SW-846, 3d Edition* (USEPA, 1986). Results were reported according to CLP format outlined, including forms, but were not limited to those listed under NEESA Level D guidelines.

8.3.1 Holding Times

All inorganic SDGs indicated that all inorganic samples were received by the laboratory in good condition with the proper custody documents and seals intact. From the date of collection to the date of sample digestion/preparation, sample holding times were within contractual requirements.

8.3.2 Calibration

The purpose of initial and continuing calibration is to ensure the instrument is capable of acceptable and quantitative performance at the beginning of and throughout each analytical run. Initial and continuing calibrations were performed for the inorganics analysis within the criteria established by the EPA CLP Inorganics SOW.

8.3.3 Blanks

Blank results are used to determine the presence and magnitude of any contamination problems. In review of the data, the following blank results represent the highest detections associated with the samples and thus were used for data qualification:

SDG 501 Inorganic *Analyses* For:

Blank	Element	Max. Conc. (µg/kg)	Action Level (µg/kg)
CCBl	Antimony	17.2	86
CCBl	Barium	8.0	40
CCB2	Copper	2.7	13.5
CCB2	Iron	29.58	147.9
CCBl	Zinc	6.1	30.5
CCB2	Manganese	1.1	5.5
CCBl	Magnesium	24.6	123

SDG 504 Inorganic Analyses For :

Blank	Element	Max. Conc. (mg/kg)	Action Level (mg/kg)
PBW1	Arsenic	0.96	4.80
CCB3	Barium	0.58	2.90
PBSl	Calcium	26.1	130
ICB1	Copper	0.96	4.8
FB	Iron	3.76	18.8
PBSl	Magnesium	14.8	74.2
FB	Sodium	3.16	15.8
FB	Zinc	2.40	12.0

Notes:

CCB = Continuing Calibration Blank

ICB = Initial Calibration Blank

PBW = Water Preparation Blank

PBS1 = Soil Preparation Blank

FB = Field Blank (70FB04)

All results greater than the instrument detection limit (IDL) but less than 5X the blank amount (action level, μg/L for water samples, mg/kg for soil samples), for which the contaminated blank is an associated calibration or field/equipment blank, were flagged as undetected. Continuing calibration blank CCB3 analysis indicated that silver had a negative value of -1.90 mg/kg. The absolute value of the negative blank contamination was greater than its IDL. All associated positive sample results less than 5X the absolute value of the negative blank result and all non-detects were flagged as estimated (J and UJ).

Inorganic Analyses for SDG 508

Blank	Element	Max. Conc. (μg/L)	Action Level (μg/L)
CCB6	Aluminum	19.5	97.5
CCB4	Barium	6.8	34.0
PBW1	Calcium	103	515
ICB1	chromium	2.4	12.0
CCB1	Iron	37.1	186
CCB6	Manganese	1.9	9.5
ICB1	Silver	**4.0**	**20.0**
CCB6	Sodium	66.9	335
CCB5	Vanadium	4.1	20.5
CCB3	zinc	4.2	21.0

All results greater than the IDL but less than 5X the blank amount (Action Level, µg/L for water samples, mg/kg for soil samples), for which the contaminated blank is an associated calibration or field/equipment blank, were flagged as undetected (U).

Copper had a negative value (4.3 µg/L) in continuing calibration blank CCB5. The absolute value of the negative blank contamination was greater than its IDL. All associated positive sample results less than 5X the absolute value of the negative blank result, and all nondetects were flagged as estimated (J and UJ).

8.3.4 ICP Interference Check Sample Analyses

The inductive coupled plasma interference check sample analysis (ICSA) is performed to check the laboratory's instrument and the background correction factors.

SDG 504

Negative results were observed for antimony (-21.6 mg/kg), copper (-0.80 mg/kg), and manganese (-2.80 mg/kg) in ICSA Solution A. Therefore, all associated positive sample results less than 5X the absolute value of the ICS result, and all nondetects were flagged as estimated (J and UJ). The ICSA samples also satisfactorily met the contractual compliance requirements as stated under CLP.

SDG 508

All Percent Recovery criteria for the method were met, so no action was taken. Also in SDG 508, barium at 8.0 µg/L, manganese at 4.0 µg/L, and sodium at 179 µg/L were detected in ICSA Solution A at concentrations greater than 2X IDL. These analytes should not be present. Since neither aluminum, calcium, iron, nor manganese were present at concentrations greater than 50 percent of the amount in Solution A in any of the associated samples, no data qualification was required. Negative results in ICSA Solution A were observed for the following analytes:

Compounds	Neg. Detection (µg/L)	5X Absolute Value (µg/L)
Arsenic	- 3.0	15.0
Copper	- 7.0	35.0
Selenium	- 4.0	20.0
Thallium	- 4.0	20.0
zinc	- 8.0	40.0

8.3.5 Laboratory Control Sample Analyses

The Laboratory Control Sample Analysis (LCSA) is designed to monitor the efficiency of the overall performance in all steps of analysis, including the digestion procedures. All LCSA samples were within QA/QC control limits.

8.3.6 Duplicate/Spike

Duplicate samples are used to determine the precision of analytical methods for each parameter. Spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. If the spike is added to the sample prior to any distillation steps, or before the digestion, it is referred to as a spiked sample, a predigestion/predistillation spike. If the spike is added to the sample after the completion of the distillation or digestion procedures, it is then referred to as a postdigestion/postdistillation spike. In SDG 501, the analytes antimony, manganese, selenium and silver reported a spike recovery of 44.1 percent, 38.1 percent, 70.3 percent, and 71 percent, respectively. All associated positive sample data and all nondetects were qualified as estimated (J and UJ).

In SDG 504, one set of field duplicates, 29S0701 and 29S0701D, was analyzed by the laboratory. The calculable RPDs are listed below:

Analyte	29S0701 (mg/kg)	29S0701D (mg/kg)	RPD
Aluminum	3,870	8,880	79
Barium	21.4	9.8	74
calcium	739	883	17
Chromium	4.8	9.9	69
Iron	2,290	4,730	70
Lead	25.2	44.5	55
Magnesium	89.5	81.8	9.0
Manganese	71.4	58.3	20
Vanadium	6.1	14.2	80

The RPDs for aluminum, barium, chromium, iron, and vanadium exceeded the 60 percent QC limit for soil samples. The positive results for these analytes in the associated samples were flagged as estimated (J).

8.3.7 Validation Worksheets

In every E/A&H data validation project, worksheets are used that detail the evaluation of the analytical data. On certain sheets, the validation procedures will be equivalent to the Standard Operating Procedures provided by the *USEPA CLP National Functional Guidelines for Organic and Inorganic Data Review* (USEPA, 1994a). Other sections will cover those areas which are more subjective due to the complexities of the analytical methods, and will only provide documentation on the actions taken by the data evaluator.

8.3.8 Data Assessment

The method blanks, trip blanks, potable water blanks, de-ionized system blanks, equipment rinsate blanks, and the equipment rinsate trip blanks contained several volatile target compounds which were reported by the laboratory as contamination introduced during sample preparation, handling,

and/or analysis. Volatile analyses of SDG 504 indicated that all laboratory data were acceptable with qualification. Samples 29S0501, 2930403, 29S0701, and 29S0701D were diluted and re-analyzed. The concentrations of acetone exceeded the calibration range in the undiluted samples. The values of this compound in the diluted samples are considered more accurate. Two samples, 29S0405 and 70FB04, were re-analyzed. Because the two re-analyses are essentially the same as the first analyses, they are considered to be of comparable data quality. Low RRFs (<0.050) resulted in the rejection of nine analyses. The remaining laboratory data in SDG 504 for semivolatiles and all the laboratory pesticide/PCB data were acceptable with qualification.

The cyanide contamination found in sample 29GGM07 should be considered an isolated occurrence and is not an indication of the inherent variability normally associated with sample data. The cyanide concentration was significantly higher in this groundwater sample than in any other sample. This includes all of the surrounding monitoring wells and soil borings. Furthermore, the cyanide contamination is questionable due to the fact that the cyanide is in a highly oxidizing environment. Oxidizing agents such as chlorine, bromine, and fluorine decompose most cyanides quite readily. However, in this case, uncharacteristically high concentrations can be attributed to samples that contain nitrate and/or nitrite contamination. This occurs in the distillation procedure for cyanides, nitrates, and when nitrites will form nitrous acid, which reacts with several organic compounds to form oxime. These newly formed compounds will decompose under test conditions to generate hydrocyanic acid, which produces an unusually high false reading for cyanides.

In conclusion, the overall data quality of the analytical work done for Sites 9, 29, and 34, except for those sample results that were qualified as unusable, was considered satisfactory and usable for site remediation and risk assessment.

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9.0 CONTAMINANT FATE AND TRANSPORT

9.1 Extent of Contamination

Section 7 of this report documents the nature and extent of contamination at the OU6 sites, briefly discussed as follows.

Site 9

Inorganics exceeding applicable PRGs and reference concentrations in Site 9 surf.. soils included aluminum, antimony, arsenic, barium, cadmium, copper, lead, manganese, and zinc. Subsurface soil inorganics included barium, cadmium, iron, lead, nickel and thallium. Surface and subsurface soil PAHs exceeding PRGs included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h,)anthracene, indeno(1,2,3-cd)pyrene, and phenanthrene. The highest concentrations of PAHs were found at Site 9A, in the west-central portion of the site (vicinity of soil borings 09S02 and 09S18), and at boring 09S17. Pesticides exceeding surface and subsurface PRGs included occasional dieldrin, a metabolite of DDT, and alpha-BHC. Groundwater parameters detected above PRGs consisted of aluminum, iron, and manganese.

Site 29

No surface or subsurface soil inorganics were detected above PRGs and reference concentrations at Site 29. Organic soil contamination was limited to occasional subsurface dieldrin above the SSL, from northwest portion of the site area. Groundwater inorganic contamination was limited to aluminum, iron, manganese, as well as a singular cyanide occurrence.

Site 34

No surface or subsurface soil inorganics were detected above PRG and reference concentrations at Site 34. As with Site 29, occasional subsurface dieldrin above the SSL was found within site area. Groundwater inorganic contamination was limited to aluminum, iron, manganese, and a

singular lead occurrence. Groundwater organics above PRGs at Site 34 included naphthalene, and 2-methylnaphthalene. However, soils contaminated with these constituents were subject to interim removal at this site.

9.2 Contaminant Migration

9.2.1 Leaching of Soil Constituents to Groundwater

The leaching of contaminants from soil to groundwater may be facilitated via percolation to the water table of rainwater or through direct continual contact between soil and groundwater. Although soil within the site area is very permeable, resulting in quick infiltration and minimal contact time between percolating water and soil above the water table, the relative absence of most cont[illegible]ts m groundwater at OU6 indicates that leaching is not substantial nor significant. To facilitate the assessment of potential for leaching, those parameters that exceeded both surface PRGs (risk-based, but may represent significant mass that could migrate to subsurface soils) and subsurface PRGs (leachability-based) will be discussed.

site 9

Site 9A and vicinity contained the highest concentrations of inorganic and organic constituents above PRGs. Parameters of concern included surface soil aluminum, antimony, arsenic, barium, cadmium, copper, iron, lead (copper and lead were considerably above PRGs), manganese, and zinc above respective PRGs and reference o[illegible] ions. Leachability PRGs were exceeded for barium, cadmium, nickel, lead and thallium. Several PAH compounds were also present in surface and subsurface soils at the site, as well as occasional surface and subsurface soil pesticides. Groundwater samples from the nearest well downgradient from Site 9A (09GR02) indicated the presence of aluminum, iron, and manganese, with an absence of the remaining soil PRG-exceeding parameters. Given that Al, Fe, and Mn occur at significant levels under ambient conditions, it is difficult to quantify the mass of these, if any, which may have been derived from Site 9 soil. The potential for leaching of the remaining soil contaminants is clearly minimal, however.

Site 29

No soil inorganics were found above PRGs and reference concentrations at Site 29. Phase 1 soil organics were limited to an isolated area of subsurface dieldrin above leachability PRGs, however, this area was subject to interim removal. Groundwater inorganics above PRGs were limited to aluminum, iron, and manganese, along with one cyanide detection. Again, without a clear soil/groundwater connection established in the analytical data, empirical evidence suggests that leaching of inorganics is not substantial.

Site 34

No soil inorganics were found above PRGs and reference concentrations at Site 34. Soil organics were limited to subsurface dieldrin above leachability PRGs. It should be noted that Phase 1 soil analyses also detected lead, naphthalene and 2-methylnaphthalene. Groundwater inorganics above PRGs were limited to aluminum, iron, and manganese, along with one lead concentration. Dieldrin was not found in site groundwater. Organics in groundwater above PRGs included napthalene. However, the Phase 1 soils previously discovered as contaminated with this semivolatile and lead were subject to interim removal, and no semivolatiles above standards appeared in the confirmatory soil samples. The apparent source, then, for this groundwater contamination is considered removed. Empirical evidence suggests that leaching of inorganics is not substantial.

Soil Physical Analyses

TOC, pH, redox potential, and cation exchange capacity (CEC) affect the migration potential for inorganic species of the bearing soil. These measurements gauge the ionic strength relative to solution, precipitation, co-precipitation, chelation, and ionic particle binding. Sites 9 and 29 have almost identical soil types, consequently the following discussions treat their associated data together. CEC varied across Site 9 and 29, from 4.2 meq/100g in the Site 9 area to 0.49 meq/100g at Site 29, averaging 2.5 meq/100g (derived from five samples). CEC varied

across Site 34, from a high of 1.5 meq/100g to a low of 1.2 meq/100g, with an average of 1.3 meq/100g (derived from three samples). TOC varied across Site 9 and 29 from 2,500 mg/kg to 57 mg/kg, averaging 1299 mg/kg. This indicates a heterogenous and highly variable TOC content across the two sites. TOC varied across Site 34 from 650 mg/kg to 500 mg/kg, indicating a less variable matrix.

9.2.2 Surface Water Transport

The site area contains landscaped and sodded-over sandy soil, occasional patches of open ground, and impervious surfaces, all of which affect the transport of surface water in different ways. Recent construction of the new training facility has resulted in increased fill, pavement, and sod over previous site areas. This has decreased the potential for surface water contact with previous site surface soil, thus surface water transport concerns focus on stormwater drainage from paved and filled areas. Several drainage conduits receive surface runoff from the western Chevalier Field area and convey it into a channelized drainage ditch (Wetland 6) west of the site complex. Since the construction of the NATTC, much of Site 9 encompasses a paved parking lot, and an adjacent landscaped/sodded area. Surface runoff which does not percolate through the sod cover on Site 9 is conducted toward the channelized drainage ditch to the west of the site area. Site 29 is now largely covered by the south wing of the NATTC's Consolidated Training School. The site also has no storm-drains or conduits for surface runoff, however the soil and groundwater are protected beneath building foundation and surrounding pavement. Surface runoff from Site 29 is conducted across the Site 9 area, to the drainage ditch. Site 34 is now largely incorporated into the entry promenade to the NATTC complex. The site is covered by the extension of Taylor Road leading to this area, and sodded soil. Stormwater that does not percolate in this area is conducted into the channelized drainage ditch west of the site, as in Site 9. In summary, given the construction-minimized potential for contact between surface water and previous site surface soil, surface water transport of documented surface soil constituents is negligible.

9.2.3 Groundwater Transport

The direction of groundwater flow shifts from a westerly direction at Site 29 to a northwesterly direction at or near Site 34. Due to a reduction in gradient, the average calculated Darcian groundwater flow velocity also slows as it shifts from a westerly to northwesterly direction. Travel time for constituents directly west of Site 29 to the drainage ditch (approximately 710 feet to the west) would be about 4.7 years, assuming advective transport only (the rate of migration is equal to groundwater velocity [0.410 ft/day]). The most contaminated area of Site 9 lies about 139 feet east of the drainage ditch. With an average calculated groundwater flow of 0.304 ft/day, advective travel time for contaminants from this area would be approximately 1.25 years. Constituents from the eastern portions of Site 9 would take about 5.7 years to travel roughly 630 feet to the drainage ditch. Groundwater flows from Site 34 to the northwest at an acute angle to the drainage ditch, and appears to intercept the ditch roughly 790 feet from the site. With an average calculated groundwater velocity of 0.271 ft/day, it would take eight years for contaminants to reach the ditch. Notably, these travel times assume advective transport only. Considering retardation and dispersion (which would alter both travel time and ending concentrations), this is a very conservative transport determination. For example, a physical constant, called the distribution coefficient, (K_d), may be used as a relative measure of a solid media's (in this case, aquifer matrix) adsorptive capacity. For organic compounds, the K_d may be estimated as a function of site organic carbon content and literature values for the organic carbon partitioning coefficient (K_{oc}). The K_{oc} indicates the degree to which a specific chemical partitions between organic matter and water under equilibrium conditions. The partitioning coefficient may be estimated as the product of organic carbon fractions of site soil, times the organic carbon partitioning coefficient by the equation:

$$K_d = (f_{oc})(K_{oc})$$

For inorganic constituents, determining the Kd is more complex, and is a function of a number of other factors in addition to organic carbon content of the matrix. The most significant of these factors include pH, redox conditions, presence of ferrous oxides, CEC, and major ion chemistry. Given the potential variability of these types of parameters in the field, and variability of analytical procedures to measure these, there are a wide range of Kd values possible for any given inorganic species.

The effect of Kd on potential migration in groundwater is presented in the following example. Based on soil samples collected at Sites 9 and 29 (and making an assumption that TOC content is similar for the aquifer matrix), organic carbon values in subsoil range from 2.5 percent to a low of .057 percent with an average of 1.30 percent. The value .013 (f_{oc}) is used to calculate the K_d for dieldrin, an organic site constituent. The median value for K_{oc} for dieldrin is 9440 (Howard, 1991).

$$K_d = (.013)(9440$$
$$K_d = 123$$

The actual K_d for site constituents could be derived by plotting the log of the matrix concentration versus the log of the concentration in groundwater. The slope of this fitted to the data would represent the K_d. However, because of the limited number of data points and groundwater nondetects, these K_d values would have limited utility.

A retardation factor for dieldrin migration can be calculated based on the following assumptions and laboratory data:

- Average bulk dry density of the media (1.62 gram/cubic centimeter (g/cc))
- An effective porosity of 30 -50% for the surficial sand (Freeze and Cherry, 1979)

%

Where:

Rf	=	retardation factor
Pb	=	average *dry* density of the media, 1.62 g/cc
n	=	effective porosity, 30-50 % (Freeze and Cherry, 1979)
Rf	=	$[1 + (K_d)(Pb)/n]$

The retardation factor range for dieldrin migration calculated from this equation is 4.99 to 7.64. The contaminant migration velocity *can* be estimated by dividing the velocity of the groundwater by the calculated retardation factor. These numbers suggest significant retardation to potential dieldrin migration as a result of adsorption. Other processes *can* attenuate the eventual contaminant concentration presented to a receptor, including but not limited to, mechanical dispersion and chemical diffusion.

9.3 Current and Potential Receptors

The primary receiving aquifer within the OU6 area is the surficial zone of the Sand-and Gravel Aquifer. Based on previous RIs, and regional water quality analysis, the general quality of groundwater at NAS Pensacola and the shallow Sand-and-Gravel aquifer in southern Escambia County has been shown to contain aluminum and iron concentrations exceeding SMCLs/FSDWS. Because of these natural qualities, the surficial zone of the Sand-and-Gravel aquifer is not considered suitable as a drinking water supply without treatment for these constituents, and is currently not used as such at NAS Pensacola. Further, at OU6, dieldrin contaminated soil from where dieldrin was found in Site 29 groundwater, as well napthalene contaminated soil from where naphthalene was found in Site 34 groundwater, were subject to interim removal. Lead and PAH contaminated soil at Site 9A will be removed during 1997. Potentially, the sources for organic and lead contamination in OU-6 groundwater either have been or will be mitigated by these removal actions. However, for the purpose of identification, the potential receptors of groundwater contamination are listed:

- The main producing zone of the Sand-and-Gravel Aquifer, which underlies the surficial zone (separated from it by a confining unit), and is used as a potable water source in Escambia County.

- The tile-lined drainage ditch, also known as NAS Pensacola Wetland 6, which traverses the western portion of the site area.

- Bayou *Grande,* which receives runoff from the tile-lined *drainage* ditch.

The low permeability clay layer between the surficial ami main producing zones of the Sand-and-Gravel aquifer functions as a *confining* unit, and generally inhibits any downward contaminant migration into the deeper groundwater below the clay. *As* for Bayou *Grande,* the coastal waters of surrounding NAS Pensacola have been classified by the Florida Department of Environmental Protection as *Class* II water, indicating their use for recreation and maintenance of a well-balanced fish and wildlife population. By conservatively estimating the rate of contamination migration to *equal* groundwater velocity, the low concentrations of contaminants and the mount of dilution they are likely to undergo before reaching Wetland 6 and Bayou *Grande* minimizes their impact to nearby *coastal* waters. Potential ecological impacts on these receptors will be addressed in separate upcoming RI/FSs for Bayou Grande (Site 40), ami the NAS Pensacola Wetlands (Site 41).

10.0 BASELINE RISK ASSESSMENT

10.1 Introduction

A BRA analyzes the potential adverse effects of releases of hazardous substances on actual or hypothetical human and ecological receptors should no remedial actions be taken to reduce a site's environmental contamination. This BRA is divided into two subsections — the first addresses human health risk, and the second, assesses ecological risk.

10.1.1 Human Health Risk Assessment

Human health risk was assessed for the OU6 sites. Algorithms and procedures used in data management and risk calculations are discussed in this section. The results of their application were used to reach the conclusions of this human health risk assessment. The following guidelines were used in preparing this assessment:

- *Risk Assessment Guidance for Superfund, Volume I — Human Health Evaluation Manual, Part A*, U.S. Environmental Protection Agency (USEPA)/Office of Emergency and Remedial Response (OERR), EPA/540/1-89/002, December 1989 (Interim). (RAGS Part A)(USEPA, 1989b).

- *RAGS, Volume I — Human Health Evaluation Manual, (Part B, Development of Risk-based Preliminary Remediation Goals)*, EPA/OERR, EPA/540/R92/003, December 1991 (Interim). (RAGS Part B)(USEPA, 1991a).

- *RAGS, Volume I — Human Health Evaluation Manual, Supplemental Guidance-Standard Default Exposure Factors — Interim Final*, EPA/OERR, OSWER Directive: 9285.6-03, March 25, 1991. (RAGS Supplement)(USEPA, 1991b).

- *RAGS, Volume I — Human Health Evaluation Manual, Supplemental Guidance-Dermal Risk Assessment — Interim Guidance, EPNOERR,* August 18, 1992. (Supplemental Dermal Guidance)(USEPA, 1992a).

- Supplemental Guidance to RAGS: Region N Bulletin, *Development of Health based Preliminary Remediation Goals, Remedial Goal Options (RGO) and Remediation Levels* (Supplemental RGO Guidance)(USEPA, 1995b).

- Supplemental Guidance to RAGS: Region IV Bulletin, *Technical Memorandum Guidance on Estimating Exposure to VOCs During Showering* (USEPA, 1991c)

- Supplemental Guidance to RAGS: Region IV Bulletin, *Provisional Guidance of Quantitative Risk Assessment of PAHs* (USEPA Document EPA/600/R-93-089 July 1993)(USEPA, 1993a).

- USEPA Region III *Selecting Exposure Routes and Contaminants of Concern by Risk-Based Table*, June 3, 1996, (Roy L. Smith); (RBC *Screening* Tables) (USEPA, 1996b).

10.1.1.1 Objectives

The objectives of the baseline risk assessment are to:

- Characterize the source media and determine the chemicals of potential concern (COPCs) for the NAS Pensacola OU6 sites;

- Identify potential receptors and quantify potential *exposures* under current and future conditions;

- Qualitatively and quantitatively evaluate the adverse effects associated with the site-specific COPCs;

- Characterize the potential baseline risks associated with the OU6 sites under current and future conditions; and

- Evaluate the uncertainties related to exposure predictions, toxicological data, and resultant carcinogenic risk and non-carcinogenic hazard predictions.

The value of the risk assessment as a basis for making remedial decisions depends on an adequate characterization of chemical contamination. It must determine whether detected site concentrations have potential for toxic effects or increased cancer risk. Variables used to characterize the study area and its associated risks include: (1) the amount, type, and location of sources; (2) the pathways of exposure (media type and migration routes); and (3) and the type, sensitivities, exposure duration, and dynamics of the exposed populations (receptors). The RI characterized the investigation of the site area for this assessment.

The focus of the investigation at OU6 centered on the Navy Yard Disposal Area (Site 9), the soils south of Building 3460 (Site 29), and the solvent spill north of Building 3557 (Site 34). Grab soil samples from the surface and various depths were collected and analyzed for the TCL and TAL using CLP March 1990 Statement of Work methods. In addition, groundwater samples were collected from monitoring wells, and analyzed using the same methods.

10.1.1.2 Site Background

NAS Pensacola is five miles southwest of the City of Pensacola, on a peninsula in southern Escambia County. The OU6 sites are located near the southwest portion of Chevalier Field as

shown on Figure 2-1, Site Location Map. This was once an industrial area is used by NADEP to rebuild, repair, and paint aircraft. It is now a part of the NATTC.

Site 9, the Navy Yard Disposal Area, lies beneath the parking lot for the Consolidated Training School, and a grassy area between the parking lot and the drainage ditch that traverses the western edge of the site (known as Wetland 6 at NAS Pensacola). Previously, this site was used for the disposal of trash and refuse between 1917 and the early 1930s. Part of Site 9 was excavated in the late 1960s during trenching for an IWTP sewer line. Although glass, scrap metal, and debris were unearthed, no unusual odor was reported.

Site 29, the soil south of Building 3460, currently lies beneath the south wing of the Consolidated Training School. During BRAC construction, Building 3460 was expanded in size, incorporating most of the area investigated for the site. In 1981, while repairing a water main south of Building 3460, workers received minor skin burns from contact with a black liquid in the soil. This liquid was also floating on water in an excavated trench, and an odor similar to paint remover was noted by the workers.

Site 34, is now apart of the entry promenade for the NATTC, and is covered by asphalt pavement and landscaping near the intersection of Taylor and Chevalier Field roads. It previously included a small tank farm (containing various solvents/strippers) at the edge of the concrete apron north of Building 3557. In May of 1984, a leak in a pipeline at the north end of Building 3557 reportedly resulted in the loss of approximately 45,000 gallons of a solvent detergent used to clean aircraft (G&M 1986). The solution contained approximately 1.7 percent chlorinated aromatic hydrocarbon solvent, resulting in the release of approximately 750 gallons of solvent. In addition to the potential impact on Site 34 soils and groundwater, escaped solvent detergent might have run off via an unpaved drainage swale that leads from the tank farm to the west. This pathway discharges via culverts beneath Industrial Road into the Wetland 6 drainage ditch west of

Chevalier Field. Wetland 6 will be investigated as part of the Site 41 RI for NAS Pensacola and is not addressed in this report.

10.1.1.3 Organization

A human health risk assessment, as defined by RAGS Part A, includes the following steps:

- Site characterization: data regarding site geography, geology, hydrogeology, climate, and demographics in the area are evaluated.

- Data collection: samples of environmental media, including reference samples, are analyzed.

- Data evaluation: the analytical data are analyzed statistically to identify the nature and extent of contamination and establish a preliminary list of COPCs, to be subsequently refined to identify chemicals of concern (COCs).

- Exposure assessment: potential receptors are identified under current and future conditions, and potential exposure pathways are identified. Exposure point concentrations and chemical intakes are also quantified.

- Toxicity assessment: the adverse effects of the COPCs are qualitatively evaluated. Quantitative estimates of the relationship between exposure and severity or probability of effect are made.

- Risk characterization: the output of the exposure assessment and the toxicity assessment are combined. This quantifies the total non-cancer and cancer risk to the hypothetical receptors.

- **Uncertainty:** the areas of recognized uncertainty in human health risk assessments are discussed and evaluated, in addition to medium- and exposure pathway-specific influences.

- **Risk/Hazard Summary:** the results of the quantification of exposure (risk and hazard) are presented and discussed for exposure pathways and potential receptors identified under the current and future conditions.

- Remedial Goal Options: exposure concentrations are quantified within the USEPA target risk range of 10^{-6} to 10^{-4} for carcinogenic COCs and 0.1, 1, and 10 for non-carcinogenic COCs.

10.1.2 Identification of chemicals of Potential Concern

When constructing a BRA, sample analytical data are compiled and analyzed to determine potential site-related chemicals and exposures for each medium as outlined in RAGS Part A. The OU6 sites are considered one area of investigation; however, this BRA separately addresses the potential risks posed by chemicals detected in groundwater. During BRAC construction, the OU6 area was extensively reworked. There was prolific grading, filling, paving, and construction of new buildings over parts of each site area. Contaminated soils found during the field investigation were also subject to interim removal (Site 9A is to be removed during 1997). Because of the extensive grading, filling, construction work, and the soil removals, no populations were identified which would be exposed to site soils other than hypothetical site residents (i.e., no complete direct exposure pathways for soil). The current land use for these sites is clearly non-residential use for military training. Hypothetical future site residents could be exposed to groundwater, assuming the residents choose to derive potable water from a well in the surficial aquifer rather than using more commonly used base/municipal water.

10.1.2.1 Data Sources

For this investigation, soil and groundwater samples were collected and analyzed to delineate the sources, nature, magnitude, and extent of any soil and groundwater contamination. E/A&H performed the RI at OU6 in three phases. Phase I was conducted during February 1994, which included full TAL/TCL analysis of all samples. A total of 23 soil borings and 20 temporary monitoring wells were completed *during* the Phase I investigation. Nine, 11, and three soil borings were advanced across Sites 9, 29, and 34, respectively. All borings were converted into temporary monitoring wells except two at Site 29 and one at Site 34.

In December of 1994, a second round of groundwater samples was collected at the OU6 sites to verify some of the results of the Phase I sampling. Only wells of concern (noted in the Nature and Extent of Contamination Section 7.0) of the previously installed monitoring wells were resampled, and specific parameters were targeted (such as volatiles and semi-volatiles only). Sample results gathered during the Phase I and Phase II sampling rounds were combined and used in the risk/hazard evaluation of the shallow and intermediate groundwater. Because of the targeted sampling effort, the number of organic analyses performed differs from the number of inorganics analyses. Sample identification numbers, sample dates, and analytes targeted are listed in Tables 10-1 and 10-2 for Sites 9, 29, and 34. The first three digits of the sample number indicate the site (i.e., 009G000100 is a Site 9 sample location), and the sample identification methods are discussed in detail in Section 5.

10.1.2.2 Data Validation

Data validation is an after-the-fact, independent, systematic process of evaluating data, which are compared to preestablished criteria to confirm that they contain the required technical quality support the decisions made through the remedial RI/FS process. Specific parameters associated with the data are reviewed to determine whether they meet the stipulated data quality objectives.

Table 10-1
OU6 Phase I Groundwater Samples

Well Number	Sample Number	Date Sampled
09GR01	009G000100 009H000100[a]	2/4/94
09GR02	009G000200	2/3/94
09GR03	009G000300	2/3/94
09GR04	009G000400 009H000400[a]	2/3/94
09GR05	009G000500	2/3/94
009GR06	009G000600	2/3/94
09GR07	009G000700	2/3/94
09GR08	009G000800	2/3/94
09GR09	009G000900	2/3/94
GM-29	009GGM2900	2/4/94
GM-30	009GGM3000	2/4/94
29GR01	029G000100	2/8/94
29GR02	029G000200	2/8/94
29GR03	029G000300	2/8/94
29GR04	029G000400	2/8/94
29GR05	029G000500	2/8/94
29GR06	029G000600	2/8/94
29GR07	029G000700	2/8/94
29GR08	029G000800 029H000800[a]	2/8/94
29GR09	029G000900	2/8/94
GM-07	029GGM0700	2/8/94
34GR01	034G000100	2/10/94
34GR02	034G000200 034H000200[a]	2/10/94
GM-53	034GGM5300	2/10/94
GM-57	034GGM5700	2/10/94
GM-61	034GGM6100	2/10/94

Notes:
a = Duplicate Sample
all Phase I samples were analyzed for full CLP TAL/TCL

Table 10-2
OU6 Phase II Groundwater Samples and Analytical Parameters

Well Number	Sample Number	Date Sampled	Analytical Parameters	Sampling Rationale
09GR02	009GR00201	8/30/94	PPW	Sampled to define physical properties of groundwater
	009GGR0202	12/15/94	TAL Metals	Phase I sample contained lead
09GR04	009GR00401	8/30/94	PPW	Sampled to define physical properties of groundwater
09GR09	009GR00901	8/30/94	PPW	Sampled to define physical properties of groundwater
29GR01	029GR00101	8/30/94	PPW	Sampled to define physical properties of groundwater
	029GGR0102	12/15/94	TCL Pesticides	Phase I sample contained dieldrin
29GR06	029GR00601	8/30/94	PPW	Sampled to define physical properties of groundwater
34GR01	034GR00101	8/30/94	PPW	Sampled to define physical properties of groundwater
	034GGR0102	12/14/94	TCL VOCs/SVOCs	Phase I sample contained elevated detection limits for VOCs/SVOCs
34GR02	034GGR0202	12/14/94	TCL VOCs/SVOCs	Phase I sample contained elevated detection limits for VOCs/SVOCs
34GS01	034G000100	5/24/94	TCL VOCs/SVOCs	Sampled to characterize constituents in the path of groundwater migration from the site
	034GS00101	8/30/94	PPW	Sampled to define physical properties of groundwater
34GS02	034G000200 034H000200[a]	5/24/94	TCL VOCs/SVOCs	Well replaced previously installed GM-56
	034GGS0202 034HGS0202[a]	12/14/94	CLP TAL/TCL	Sampled to better clarify the range of contamination found m previous Site 34 groundwater results.
34GM53	034GGM5302	12/14/94	TCL VOCs/SVOCs	Phase I sample contained elevated detection limits for VOCs
34GM61	034GGM6102	12/14/94	CLP TAL/TCL	Sampled to better clarify the range of contamination found in previous Site 34 groundwater results.

Note:
a = Duplicate Sample

The *quality* objectives address five principal parameters: precision, accuracy, completeness, comparability, and representativeness. To verify that these objectives are met, field measurements, sampling and handling procedures, laboratory analysis and reporting, and non-conformances and discrepancies in the data are examined to determine compliance with appropriate and applicable procedures. The procedures and criteria for validation are defined in the *RI/FS* Data Validation *Program Guidelines*, which are based on the *USEPA National Functional* Guidelines *for Organic and Inorganic* Data *Review* (USEPA, 1994b). For further discussion of data validation, please refer to Section 8 of the RI.

10.1.2.3 Management of Site-Related Data

All environmental sampling data were evaluated for suitability for use in the quantitative BRA. Data obtained via the following methods were not considered appropriate for the quantitative BRA:

- Analytical methods that are not specific for a particular chemical, such as total organic carbon or total organic halogens.

- Field screening instruments including total organic vapor monitoring units (HNu) and organic vapor analyzers.

Once the dataset was complete, statistical methods were used *to* evaluate the RI analytical results to: (1) identify chemicals of potential concern (COPCs) and (2) establish exposure point concentrations of potential receptor locations. The statistical methods used in data evaluation are discussed below. The rationale used to develop this methodology and the statistical techniques *are* based on the following sources:

- RAGS Part A
- *Statistical Methods for Environmental Pollution Monitoring* (Gilbert, 1987)

Foxpro and Quattro Pro were used for data management and statistical calculations. For each set of data used to describe the concentration of chemicals in a contaminated area, the following information was tabulated: frequency of detection, range of detected values, mean concentrations, and upper confidence limit (UCL) on the mean of the concentration. In accordance with RAGS, the lesser of either the maximum concentration detected or the UCL was used in the risk calculations.

10.1.2.4 Selection of Chemicals of Potential Concern

This section of the BRA screens information that is available on the substances detected at the OU6 sites (chemicals present in site samples [CPSSs]) in order to develop a list or group of COPCs. The information, as discussed herein, consists of both federal and State of Florida cleanup criteria and standards for groundwater. COPCs are those chemicals selected in consideration of their comparison to screening concentrations (risk-based and reference), intrinsic toxicological properties, persistence, fate and transport characteristics, and cross-media transfer potential. A COPC carried through the risk assessment process becomes a chemical of concern (COC) if it contributes: (1) to a pathway that exceeds a 10^{-6} incremental lifetime cancer risk (ILCR); or (2) a hazard index (HI) greater than 1 for any exposure scenario; or (3) has an individual risk greater than 10^{-6} or hazard quotient (HQ) greater than 0.1.

Prior to evaluating the potential risks/hazards at the OU6 sites, it was first necessary to determine the nature and extent of onsite contamination. This was accomplished by noting the CPSSs for Sites 9, 29, and 34. The nature and extent of CPSSs was discussed in detail in Section 7 of the RI. In order to reduce the list of CPSSs and focus the risk assessment on COPCs, two comparisons were performed which are described below.

Comparison of Site-Related Data to Screening Concentrations

The maximum concentrations of CPSSs detected during the June 1994 groundwater sampling round were compared to the lesser of up to four screening values: RBCs for tap water as listed in the RBC screening table, MCLs, SMCLs, and FPDWS/FSDWS (groundwater PRGs). The most conservative of these screening values were used in this BRA. As stated in the text of the USEPA Region III document referenced in this BRA, a target hazard quotient of 0.1 and a risk goal of 10^{-6} were used by USEPA Region III to calculate screening concentrations for non-carcinogens and carcinogens, respectively. The maximum detected concentrations of CPSSs in shallow groundwater were compared to the lowest of the four groundwater screening criteria. CPSSs with maximum detected concentrations exceeding their corresponding groundwater PRG were retained for further evaluation and reference screening in the risk assessment.

Comparison of Site-Related Data to Reference Concentrations

Reference data for the OU6 groundwater results for inorganic chemicals were obtained from the background wells used for the Site 1 investigation.. Table 10-3 lists the results of samples numbered 01GS67, 01GI69, 01GS69, and 01GI70, which identify reference (background) concentrations for inorganic *chemicals* detected in shallow groundwater.

Groundwater CPSSs exceeding screening concentrations, goals, levels, and/or standards were compared to reference concentrations established for the OU6 sites. Twice the reference criterion was used for *comparing* the concentrations of inorganic chemicals onsite with those in reference samples. Inorganic CPSSs from Sites 9, 29, and 34 whose maximum detected concentrations exceeded corresponding reference concentrations were retained for further consideration as a COPC in the BRA. This comparison assists in accounting for naturally occurring chemicals that are ubiquitous in nature such as aluminum.

Table 10-3
Reference Concentrations — Shallow Groundwater
NAS Pensacola OU6

Chemical	01GS67 (µg/L)	01GI69 (µg/L)	01GS69 (µg/L)	01GI70 (µg/L)	Average Concentration (µg/L)	2X Average Concentration (µg/L)
Aluminum	***4,***	146.5 U	***3,270***	109 U	***1,941.4***	***3882.8***
Arsenic	1.4 U	1.4 U	1.4 U	1.4 U	1.4	2.8
Barium	5.5 U	6.75 U	9.45 U	4.75 U	6.6	13.2
Cadmium	1.7 U	1.7 U	1.7 U	1.7 U	1.7	3.4
Calcium	17,800	5,670	6,300	5,350	8.780	17,560
Chromium	4.85 U	2.6 U	59.9	2.6 U	16.9	34
cobalt	2.05 U	2.05 U	2.05 U	2.05 U	2.05	4.1
Copper	5.4 U	5.4 U	16.2	5.4 U	8.1	16.2
Iron	***677***	***942***	***1,770***	26.65	***853.9***	*I,707.8*
Lead	0.8 U	0.8 U	0.8 U	0.8 U	0.8	1.6
Magnesium	7% U	665 U	1,255 U	3,030	1,256.25	2,512.5
Manganese	5.7	8.9	26.7	1.55 U	11.0	22
Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.2
Nickel	19.95 U	19.95 U	19.95 U	19.95 U	19.95	39.9
Potassium	13,300	1,275 U	6,560	3,200	6,083.8	12,167.6
Sodium	10,700	8,350	7 830	9,810	9,172.5	18,345
Vanadium	7.9	3.75 U	3.75 U	3.75 U	4.8	9.6
Zinc	8.75 U	3.9 U	290	3.75 U	75.3	150.6

Notes:
µg/L = Micrograms per liter.
U = Chemical not detected, value reported equals one-half detection Limit.
Bold Italics = The reported value exceeds the Florida *Secondary* Drinking Water Standard (FSDWS).
One-half the lowest reported detection *limit* or the lowest positive detection, whichever was lower, was used m the calculation of the average concentration.

Shallow and intermediate well results were combined to evaluate shallow groundwater reference.

Monitoring wells 01GS67 and 01GS69 (shallow depth) and 01GI68/69 and 01GI70 (intermediate depth) were resampled using low-flow purge methods to reduce turbidity suspected to have been a source for elevated metal concentrations in the initial groundwater reference sampling round.

For organic CPSSs, the twice reference criterion can be applied to eliminate chemicals from the risk assessment. However, it is assumed that organic chemicals are not present in reference samples. Deviations from this assumption are discussed in the Risk Characterization Section. Unless deemed appropriate based on chemical-specific characteristics, those chemicals with maximum concentrations less than two times reference are not considered further in this risk assessment.

Comparison of Essential Elements to U.S. Recommended Daily Allowances

In accordance with RAGS Part A, essential elements that are potentially toxic only at extremely high concentrations may be eliminated from further consideration as COPCs in a risk assessment. Specifically, an essential nutrient may be screened out of the assessment if it can be proven to be present at concentrations unassociated with adverse health effects. Based on RAGS, the lack of risk-related data, and USEPA Region IV's recommendations, the following essential nutrients were eliminated from the human health risk assessment: calcium, iron, magnesium, potassium, and sodium.

Calculation of Risk and Hazard

Those CPSSs with chemical-specific exceedances of RBCs, CGs, MCLs, SMCLs, FPDWS/FSDWS, and reference concentrations are considered COPCs. The final step in identifying COCs from the refined list of COPCs involves calculating chemical-specific cancer risks and HQs for COPCs, and evaluating frequency ami consistency of detection and relative chemical toxicity.

A COC is defined by FDEP as any chemical having an ILCR greater than 1E-6 or a HI greater than 1.0. As previously discussed, the identification of COCs is a two-phase process. First, exposure pathways which exceed the criteria established by FDEP are identified. Those COPCs which individually exceed 1E-6 ILCR or a HQ greater than 0.1 in a pathway of concern are

retained as COCs. Section 10.1.4, Toxicity Assessment, provides a more detailed discussion of cancer risk thresholds and non-cancer toxicity.

10.1.2.5 COPCs in Groundwater

Tables 10-4, 10-5, and 10-6 list the Sites 9, 29, and 34 maximum detected concentrations of CPSSs in shallow groundwater with their corresponding chemical-specific concentrations, as well as the PRGs and reference criteria. CPSSs that exceed the lowest of the PRGs and reference concentrations are denoted with the symbol "*" next to the chemical name, in order to identify them as COPCs. CPSSs with concentrations below these criteria are eliminated from further consideration in the BRA and are denoted in the tables by the numerical symbols of "1," and "2", respectively. As previously discussed, sample results gathered during the Phase I and Phase II sampling rounds were combined and used in the risk/hazard evaluation for groundwater. Because of the targeted resampling effort (i.e., Phase II as discussed in Section 7.0), the number of organics analyzed differs from the number of inorganics.

As indicated in Table 10-4, arsenic, lead, and manganese were identified as COPCs in Site 9 groundwater. Sites' 29 and 34 screening evaluation, shown in Tables 10-5 and 10-6, respectively, identified cyanide, dieldrin, and manganese as COPCs for Site 29 and arsenic, cadmium, lead, manganese, and naphthalene for Site 34. These chemicals were further evaluated in this risk assessment.

10.1.3 Exposure Assessment

The purpose of the exposure assessment is to determine the magnitude of contact that a potential receptor may have with site-related COPCs. Exposure assessment involves four stages:

Table 10-4
Chemicals Detected in Site 9 Groundwater
NAS Pensacola, Sites 9, 29, and 34
Pensacola, Florida

Chemical	Frequency of Detection	Range of Detected Concentrations (ug/l)	Average of Detected Concentrations (ug/l)	Screening Value (ug/l)	Source	Reference Concentration (ug/l)	Notes
Aluminum	10 / 12	221 - 2050	606	3800	RBCr	3882.8	1 2
* Arsenic	2 / 12	6.6 - 10.2	8.4	0.038	RBCr	2.8	
Barium	9 / 12	15.4 - 129	41	260	RBCr	13.2	1
Calcium	12 / 12	3600 - 36100	15618	NA		17560	
* Copper	4 / 12	4.6 - 5.9	5.5	140	RBCr	16.2	1 2
Iron	11 / 12	318 - 3940	1239	NA		1707.8	
* Lead	8 / 12	2 - 27	6	15	TT	1.6	
Magnesium	12 / 12	1340 - 5210	2574	NA		2512.5	
* Manganese	12 / 12	10.8 - 691	147	18	RBCr	22	
Potassium	12 / 12	601 - 2550	1555	NA		12167.6	2
Selenium	2 / 12	S.2 - 6.1	5.65	18	RBCr	NA	1
Sodium	12 / 12	2430 - 20000	8054	NA		18345	
Zinc	10 / 12	11 - 75.1	40.74	1100	RBCr	150.6	1 2

NOTES:

*	Retained as a chemical of potential concern based on comparison to the most conservative screening value
1	Docs not exceed the screening value
2	Docs not exceed reference concentration
CG and/or RBC	Residential screening value from FDEP or USEPA Region III Screening Concentration Table (March 1994
TT	Treatment technique action level for lead in tap water
r	Residential Risk Based Screening Value
CG	FDEP residential soil screening value; excerpted from July 1994 CG table

NA Indicates not available

- CG are based on noncarcinogenic or carcinogenic effects; screening values for aggregate residents were use for carcinogen based CG, and child exposure (more conservative) was used for noncarcinogen based C
- The screening value for endrin was used as a surrogate for endrin aldehyde based on structural similarity
- The screening value for endosulfan was used as a surrogate for endosulfan sulfate due to structural similarit
- The aluminum RBC was modified to reflect the recent change in the RfD (i.e., from 2.9 to 1.0 mg/kg-day)

Table 10-5
Chemicals Detected in Site 29 Groundwater
NAS Pensacola, Sites 9, 29, and 34
Pensacola, Florida

Chemical	Frequency of Detection	Range of Detected Concentrations (ug/l)	Average of Detected Concentrations (ug/l)	Screening Value (ug/l)	Source	Reference Concentration (ug/l)	Notes
Aluminum	7 / 10	203 - 2060	704	3800	RBCr	3882.8	1 2
Barium	1 / 10	53.6 - 53.6	53.6	260	RBCr	13.2	1
Calcium	10 / 10	19900 - 36900	30200	NA		17560	
* Cyanide	1 / 10	276 - 276	276	73	RBCr	NA	
* Dieldrin	1 / 11	0.13 - 0.13	0.13	0.0042	RBCr	NA	
Iron	8 / 10	39.1 - 1400	521	NA		1707.8	2
Lead	4 / 10	4.1 - 9.2	6.4	15	TT	1.6	1
Magnesium	10 / 10	631 - 1840	1212	NA		2512.5	2
* Manganese	8 / 10	69.1 - 270	143	18	RBCr	22	
Potassium	10 / 10	1250 - 15600	7467	NA		12167.6	
Silver	1 / 10	3.9 - 3.9	3.9	18	RBCr	NA	1
Sodium	10 / 10	2210 - 10000	5243	NA		18345	2
Vanadium	9 / 10	4.4 - 7.6	6.2	26	RBCr	9.6	1 2
Zinc	5 / 10	4.2 - 22.1	13.3	1100	RBCr	150.6	1 2

NOTES:

*	Retained as a chemical of potential concern based on comparison to the most conservative screening value
1	Does not exceed the screening value
2	Does not exceed reference concentration
CG and/or RBC	Residential screening value from FDEP or USEPA Region III Screening Concentration Table (March 1994)
TT	Treatment technique action level for lead in tap water
r	Residential Risk Based Screening Value

CG FDEP residential soil screening value; excerpted from July 1994 CG table

NA Indicates not available

CG are based on noncarcinogenic or carcinogenic effects; screening values for aggregate residents were used for carcinogen based CG, and child exposure (more conservative) was used for noncarcinogen based CG

The aluminum RBC was modified to reflect the recent change in the RfD (i.e., from 2.9 to 1.0 mg/kg-day)

Table 10-6
Chemicals Detected in Site 34 Groundwater
NAS Pensacola, Sites 9, 29, and 34
Pensacola, Florida

Chemical	Frequency of Detection	Range of Detected Concentrations (ug/l)	Avenge of Detected Concentrations (ug/l)	Screening Value (ug/l)	Source	Reference Concentration (ug/l)	Notes
2-Methylnaphthalene	7 / 12	2 - 270	65	3800	RBCr	NA	I
4,4'-DDD	1 / 7	0.0021 - 0.0021	0.0021	0.28	RBCr	NA	1
4,4'-DDT	1 / 7	0.0009 - 0.0009	0.0009	0.2	RBCr	NA	I
Acenaphthene	1 / 12	1 - 1	1	220	RBCr	NA	I
Aluminum	3 / 7	63.2 - 482	207	3800	RBCr	3882.8	I 2
* Arsenic	2 / 7	3.1 - 4.3	3.7	0.038	RBCr	2.8	
Barium	2 / 7	26.3 - 37.5	31.9	260	RBCr	13.2	I
* Cadmium	1 / 7	4.4 - 4.4	4.4	1.8	RBCr	3.4	
Calcium	7 / 7	8550 - 78900	56050	NA		17560	
Chromium	1 / 7	7.8 - 7.8	7.8	18	RBCr	34	1 2
Cobalt	1 / 7	3.7 - 3.7	3.7	220	RBCr	4.1	1 2
Copper	1 / 7	53.2 - 53.2	53.2	140	RBCr	16.2	1
Cyanide	1 / 7	4 - 4	4	73	RBCr	NA	I
Heptachlor	1 / 7	0.0012 - 0.0012	0.0012	0.0023	RBCr	NA	1
Iron	7 / 7	295 - 5520	2581	NA		1707.8	
* Lead	1 / 7	75.6 - 75.6	75.6	15	TT	1.6	
Magnesium	7 / 7	1560 - 6440	3771	NA		2512.5	
* Manganese	5 / 7	42.3 - 475	195.9	18	RBCr	22	
* Naphthalene	5 / 12	1 - 320	136.4	150	RBCr	NA	
Nickel	1 / 7	11.8 - 11.8	11.8	73	RBCr	39.9	1 2
Potassium	7 / 7	1600 - 4470	2736	NA		12167.6	2
Sodium	7 / 7	2850 - 124000	37470	NA		18345	

Vanadium	2 / 7	0.56 - 1.8	1.18	· 26	RBCr	9.6	1	2
Zinc	1 / 7	55.9 - 55.9	55.9	1100	RBCr	150.6	1	2
delta-BHC	1 / 7	0.0019 - 0.0019	0.0019	0.011	RBCr	NA	1	

NOTES:

- * Retained as a chemical of potential concern based on comparison to the most conservative screening value
- 1 Does not exceed the screening value
- 2 Does not exceed reference concentration
- CG and/or RBC Residential screening value from FDEP or USEPA Region III Screening Concentration Table (March 1994)
- TT Treatment technique action level for lead in tap water
- r Residential Risk Based Screening Value
- CG FDEP residential soil screening value; excerpted from July 1994 CG table
- NA Indicates not available
- CG are based on noncarcinogenic or carcinogenic effects; screening values for aggregate residents were used for carcinogen based CG, and child exposure (more conservative) was used for noncarcinogen based CG
- The RBCr for alpha-BHC, the most conservative of the BHC isomers, was used as a surrogate RBCr for delta-BHC
- The aluminum RBC was modified to reflect the recent change in the RfD (i.e., from 2.9 to 1.0 mg/kg-day)

- o the physical setting and land use of the site

- *Identifying* COPC release and migration pathways

- Identifying the potential receptors, under various land use or site condition scenarios, and the pathways by which they might be exposed

- *Quantifying* of intakes, or contact rates, of COPCs.

10.1.3.1 Characterization of Exposure Setting

10.1.3.1.1 Physical Setting

NAS Pensacola is a 5,800-acre facility *on* the western edge of the Florida panhandle, on a peninsula bounded by Pensacola Bay to the east and Bayou Grande to the west. The Sites' history and physical settings were previously discussed in Sections 2 and 3.

climate

NAS Pensacola has a mild, subtropical climate, with average annual temperature ranging from 55°F in the winter to 81°F in the summer. Extremes in temperatures *can range* from less than 7°F in the winter to more than 102°F in the *summer.* November is the driest month of the year, with an average rainfall of 3.2 inches based on climatological data from 1962 to 1991. Annual rainfall averages approximately 60 inches, with the highest amounts in July and August. During the spring and fall, rainfall is the lowest (an average of 4 inches per month).

Winds originate from the north during the winter and the south *during* the summer. Hurricanes and tornadoes *can* substantially damage the nearshore environment. According to recorded history, eight hurricanes have passed within 50 miles of Pensacola, the most recent being Hurricanes Erin and Opal, in 1995.

Hydrogeology

Three main regional hydrogeologic units have been identified within the stratigraphy beneath the Florida Panhandle. In descending order the units are the Sand-&-Gravel Aquifer, the Intermediate System, and the Floridan Aquifer System. The surficial aquifer comprises unconsolidated clastic deposits approximately 300 feet thick at NAS Pensacola. It is referred to as the Sand-and-Gravel Aquifer and is used as a major source of drinking water in the region (SEGS, 1986). Due to the Sand-and-Gravel Aquifer being the uppermost unit contiguous with land surface and receiving recharge through direct infiltration, it is susceptible to contamination from surface activities. The Sand-and-Gravel Aquifer is not used as a potable or non-potable water source within OU6. Investigations at the OU6 sites were to the upper portion (surficial zone) of the Sand-and-Gravel Aquifer.

The groundwater zones defined at OU6 *are* the shallow and intermediate groundwater zones. The two monitoring well depths are present within the Sand-and-Gravel Aquifer. The shallow wells monitor conditions near the water table, whereas the intermediate wells monitor conditions at the base of the surficial zone immediately above the underlying clays and silts of the low-permeability zone. At OU6, however, the groundwater investigation was limited to the shallow water bearing zone.

Groundwater flow studies at the site have indicated that groundwater within the upper and lower surficial zones flows toward Pensacola Bay, to the southeast and south, respectively. The flow direction is consistent with the site topography. Piezometric information derived from the low- and high-tide groundwater elevations measured at sites near OU6 on September 14,1993, indicate the water table lies between 3 and 7 feet below the surface and ranges in elevation from 3.9 to 2.9 feet above mean sea level.

The vertical groundwater gradients measured between paired wells indicate an upward potential component of flow from the lower surficial zone to the upper surficial zone. The potential communication between the surficial zone and the underlying main producing zone is minimized due to this upward potential component of flow coupled with the presence of a low-permeability zone underlying the site between the two water-bearing zones.

Tidal effects on water levels are considered to be minimal at NAS Pensacola, but appear most substantial on the intermediate depth monitoring wells, varying from 0.00 to 0.05 feet or more. The overall groundwater flow directions and gradients are minimally affected by tidal fluctuations.

10.1.3.1.2 Potentially Exposed Populations

Access to NAS Pensacola is restricted. However, under current land use conditions at OU6, access is not specifically restricted for each site other than general restrictions applicable to construction zones. The current post-BRAC use for these sites is a military operations school in which training classes and exercises will be conducted for military aircraft mechanics, firefighters, etc.

As previously discussed, the OU6 sites have undergone extensive grading, filling, paving, construction, as well as the fully executed interim removal of [redacted]ed soil areas (removal of Site 9A is pending). Because of these, no populations were identified which would be exposed to site soils other than hypothetical site residents (i.e., no complete direct exposure pathways for soil). Site residents could be exposed to groundwater, assuming the residents derived potable water from a well constructed within the surficial aquifer beneath OU6. However, potable water for the base is obtained from supply wells located at Cony Station, approximately three miles north of NAS Pensacola. NAS Pensacola does have supply wells located 4,000 feet west of OU6, but these produce poorer quality water, used for emergency backup purposes only. The unlikelihood of a potable water well being installed at OU6 would be due to the potential for

saltwater intrusion from nearby Pensacola Bay. This exposure pathway is therefore highly unlikely.

10.1.3.2 Identification of Exposure Pathways

The potential pathways of exposure to COPCs identified in shallow and intermediategroundwater are listed in Table 10-7. Details regarding the rationale for exposure pathway selection/rejection for both the soil and groundwater media are also provided in Table 10-5 and detailed in the following paragraphs.

10.1.3.2.1 *Soil*

The projected future use for these sites is a military operations school which has short term living quarters, and where training classes will be conducted for military aircraft mechanics, firefighters, etc. The extensive grading, backfilling, sodding, paving, and construction that took place for the NATTC has eliminated a current soil exposure pathway for the bulk of OU6. Maintenance of the NATTC grounds will ensure that this pathway remains unviable in the future, as well. Site 9A does provide a complete exposure pathway, which will be eliminated upon being subjected to interim removal during 1997 (the removal will be submitted as an addendum to the RI). Thus as agreed between the USEPA Region IV and the Navy, no complete soil exposure pathway exists at the OU6 sites.

10.1.3.2.2 Groundwater

Shallow and intermediate monitoring well data were combined to assess the potential future residential well scenario which could include both water-bearing zones. Some well locations were sampled again for specific parameters (i.e., Phase II sampling). These data were incorporated into the dataset used in this assessment. Although none of the aquifers studied currently serves as a source of potable water at OU6, this approach is consistent with the NCP, which calls for protecting groundwater to allow for its maximum beneficial use. To facilitate this approach, the

Table 10-7
Exposure Pathways Summary
NAS Pensacola OU6 Sites

Potentially Exposed Population	Medium and Exposure Pathway	Pathway Selected for Evaluation?	Reason for Selection or Exclusion
Current Land Uses			
Recreational Residents (Child and Adult)	Air, Inhalation of gaseous contaminants emanating from soil	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.
	Air, Inhalation of chemicals entrained in fugitive dust	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.
	Groundwater, Ingestion of contaminants during potable or general use	No	NAS Pensacola obtains potable water from an off-base source. Because of this and the propensity for salt water intrusion of the surficial aquifer at OU6, the groundwater beneath OU6 is currently not used as an occupational water source.
	Groundwater, Inhalation of volatilized groundwater contaminants	No	NAS Pensacola obtains potable water from an off-base source. Because of this and the propensity for salt water intrusion of the surficial aquifer at OU6, the groundwater beneath OU6 is currently not used as an occupational water source.
	Soil, Incidental ingestion	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.
	Soil, Dermal contact	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.

Table 10-7
Exposure Pathways Summary
NAS Pensacola OU6 Sites

Potentially Exposed Population	Medium and Exposure Pathway	Pathway Selected for Evaluation?	Reason for Selection or Exclusion
Current Land Uses			
Infrequent Child Trespasser	Air, Inhalation of gaseous contaminants emanating from soil	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.
	Air, Inhalation of chemicals entrained in fugitive dust	No	The construction activities generally included me covering of site *surface* roils with clean fill, rod, concrete, asphalt paving, or buildings. Interim removal of known areas *of* soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the roil exposure pathway is incomplete.
	Soil, Incidental ingestion	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.
	soil. Dermal contact	No	The construction activities generally included the covering of site surface soils with clean fill. sod, concrete, asphalt paving. or buildings. Interim removal of known areas of soil contamination also occurred (removal *of* Site 9A is *scheduled* for 1997). Consequently, the soil *exposure* pathway is incomplete.
Future Land Uses			
Future Site Residents (Child and Adult)	Air, Inhalation of gaseous contaminants emanating from soil	No	The gaseous air pathway is not considered due to the absence of significant volatile chemicals in soil. In addition, construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings.
	Air. Inhalation of chemicals entrained in fugitive dust	No	The sand grains, described as fine-medium grain quartz, are not respirable. In addition, construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings.
	Groundwater, Ingestion of contaminants during potable or general use	Yes	Required to be evaluated under the National Contingency Plan.

Table 10-7
Exposure Pathways Summary
NAS Pensacola OU6 Sites

Potentially Exposed Population	Medium and Exposure Pathway	Pathway Selected for Evaluation?	Reason for Selection or Exclusion
Future Land Uses			
Future Site Residents (Child and Adult)	Groundwater, Inhalation of volatilized contaminants during domestic use	No	Required to be evaluated under the National Contingency Plan.
	Soil, Incidental ingestion	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.
	Soil, Dermal contact	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.
	Wild game or domestic animals, Ingestion of tissue impacted by media contamination	No	Hunting/taking of game and/or raising livestock is prohibited at NAS Pensacola.
	Fruits and vegetables, Ingestion of plant tissues grown in contaminated media	No	The potential for significant exposure via this pathway is low. The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings.
Site Worker	Air, Inhalation of gaseous contaminants emanating from soil	No	The gaseous air pathway is not considered due to the absence of volatile chemicals in soil. In addition, the sites are partially paved. The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings.
	Air, Inhalation of chemicals entrained in dust resulting from construction activities such as digging	No	The sand grains, described as fine-medium grain quartz, are not respirable. The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings.
	Groundwater, Ingestion of contaminants during potable or general use	No	NAS Pensacola obtains potable water from an off-base source. Because of this and the propensity for salt water intrusion of the surficial aquifer at OU6, the groundwater beneath OU6 is currently not used as an occupational water source.

Table 10-7
Exposure Pathways Summary
NAS Pensacola OU6 Sites

Potentially Exposed Population	Medium and Exposure Pathway	Pathway Selected for Evaluation?	Reason for Selection or Exclusion
Future Land Uses			
S i Worker	Soil, Incidental ingestion	No	The construction activities generally included the covering of site surface soils with clean fill, sod. concrete, asphalt paving, or buildings. Interim removal of known areas of roil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the roil exposure pathway is incomplete.
	Soil, Dermal contact	No	The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. Interim removal of known areas of soil contamination also occurred (removal of Site 9A is scheduled for 1997). Consequently, the soil exposure pathway is incomplete.

assumption was made that each water-bearing depth studied has the same potential viability as a potable water source and that an unfiltered well would be installed. Although there are no plans to initiate use of surficial aquifer groundwater onsite for potable or industrial purposes, the ingestion of groundwater was included in this human health assessment for hypothetical future site residents.

10.1.3.3 Exposure Point Concentrations

The exposure point concentration (EPC) is the contaminant concentration in an exposure medium that will be contacted by a real or hypothetical receptor. Determining the EPC depends on factors such as:

- Availability of data
- Amount of data available to perform statistical analysis
- Reference concentrations not attributed to site impacts
- Location of the potential receptor

USEPA *Region* IV guidance calls for assuming lognormal distributions for environmental data and the calculation of 95 percent of the UCL mean for use in exposure quantification. Applying the UCL is generally inappropriate when the number of samples is less than 10. The maximum concentrations detected were used for all datasets having less than 10 samples. Because of the uncertainty associated with characterizing potentially non-homogeneous areas, the mean was reported for each COFC identified in Sites 9, 29, and 34 media. In general, outliers have been included in *calculating* of the UCL because high values seldom appear as outliers for a lognormal distribution. Including outliers increases the overall uncertainty of the calculated risks and increases the estimate of the risk in a conservative manner.

For sample sets of 10 and greater, the UCL was calculated for a lognormal distribution as follows:

$$\left(\bar{a} + 0.5 s_a^2 + \frac{H_{0.95} \times s_a}{\sqrt{n-1}}\right)$$

$$\text{UCL} = e$$

where:

$\bar{a}$ = $\Sigma a/n$ = sample arithmetic mean of the log-transformed data, $a = \ln(x)$

s_a = sample standard deviation of the log-transformed data

n = number of samples in the data set

$H_{0.95}$ = value for computing the one-sided upper 95 percent confidence limit on a lognormal mean from standard statistical tables (Gilbert, 1987)

The calculated values for upper 95 percent confidence limit are presented in Tables 10-8, 10-9, and 10-10 for COPCs identified in shallow groundwater at OU6. The tables provide a statistical *summary* of COPCs identified within Sites 9, 29, and 34, which includes for each COFC the

Table 10-8
Statistical Analysis of COPCs in Site 9 Groundwater
NAS Pensacola, Sites 9, 29, and 34
Pensacola, Florida

Chemical	n	Natural Log Transformed mean	SD	H stat	Default Values (ugll)	UCL (ugll)	Max Hit (ug/l)		Reference Concentration (ug/l)	EPC (ug/l)
Arsenic	12	0.817135	0.608553	2.599	I.75	4.9	10.2	UCLused	2.8	4.9
Lead	12	0.850612	1.050007	2.655	0.8	8.I	27	UCLused	1.6	8.1
Manganese	12	4.192652	1.300088	3.491	NA	605	691	UCLused	22	605

NOTES:

n Number of samples collected and analyzed
mean Mean of detected values including defaults for log transformed dataset
SD Standard deviation for a sample of a population of data
H stat "H" statistic, from Gilbert, 1987; cuboidal linear interpolation was used to determine this value in accordance with USEPA Guidance, Calculating the Concentration Term
NA Not Applicable
EPC exposure point concentration used for risk assessment
UCL 95% Upper Confidence Level Mean calculated using the H stat
Max used and UCL used indicate the concentration used as EPC in the risk assessment
The default value is one-half the lesser of cithcr the lowcst hit or the lowest quantitation limit; this value was substituted into all non-detects in accordance with RAGS

Table 10-9
Statistical Analysis of COPCs in Site 29 Groundwater
NAS Pensacola, Sites 9, 29, and 34
Pensacola, Florida

Chemical	n	Natural Log Transformed mean	SD	H stat	Default Values (ug/l)	UCL (ug/l)	Max Hit (ug/l)		Reference Concentration (ug/l)	EPC (ug/l)
Cyanide	10	-0.06179	1.996519	5.388	0.5	248	276	UCL used	NA	248
Dieldrin	11	-3.539	0.497089	2.177	0.025	0.05	0.13	UCL used	NA	0.05
Manganese	10	3.995407	1.829795	4.987	1.9	6070	270	Max used	22	270

NOTES:

n Number of samples collected and analyzed
mean Mean of detected values including defaults for log transformed dataset
SD Standard deviation for a sample of a population of data
H stat "H" statistic, from Gilbert, 1987; cuboidal linear interpolation was used to determine this value in accordance with USEPA Guidance, Calculating the Concentration Term
NA Not Applicable
EPC exposure point concentration used for risk assessment
UCL 95% Upper Confidence Level Mean calculated using the H stat
Max used and UCL used indicate the concentration used as EPC in the risk assessment
The default value is one-half the lesser of either the lowest hit or the lowest quantitation limit; this value was substituted into all non-detects in accordance with RAGS

Table 10-10
Statistical Analysis of COPCs in Site 34 Groundwater
NAS Pensacola, Sites 9, 29, and 34
Pensacola, Florida

Chemical	n	Natural Log Transformed mean	SD	H slat	Default Values (ug/l)	UCL (ugll)	Max Hit (ugll)		Reference Concentration (ug/l)	EPC (ug/l)
Arsenic	7	NA	NA	NA	NA	NA	4.3	Max used	2.8	4.3
Cadmium	7	NA	NA	NA	NA	NA	4.4	Max used	0.0034	4.4
Lead	7	NA	NA	NA	NA	NA	75.6	Max used	1.6	75.6
Manganese	7	NA	NA	NA	NA	NA	415	Max used	22	475
Naphthalene	12	2.02	1.86	5.005	2.5	1038	320	Max used	NA	320

NOTES:

n Number of samples collected and analyzed
mean Mean of detected values including defaults for log transformed dataset
SD Standard deviation for a sample of a population of data
H stat "H" statistic, from Gilbert, 1987; cuboidal linear interpolation was used to determine this value in accordance with USEPA Guidance, Calculating the Concentration Term
NA Not Applicable; the sample set was less than 10 for the Site 39 groundwater COPCs
EPC exposure point concentration used for risk assessment
UCL 95% Upper Confidence Level Mean calculated using the H stat
- Max used and UCL used indicate the concentration used as EPC in the risk assessment
- The default value is one-half the lesser of either the lowest hit or the lowest quantitation limit; this value was substituted into all non-detects in accordance With RAGS

number of samples analyzed, mean and standard deviation of the natural log-transformed data, the H-statistic, the maximum of detected concentrations, and the reference (background) criterion (where applicable). For shallow and intermediate groundwater, the lowest of either the maximum of positive detections or the 95 percent UCL mean concentration of each COPC identified (referred to as the EPC) was used to compute risk/hazard.

Analytical results are presented as "non-detects" whenever chemical concentrations in samples do not exceed the detection or quantitation limits for the analytical procedures. Generally, the detection limit is the lowest concentration of a chemical that can be quantified above the normal, random noise of an analytical instrument or method. To apply the above-mentioned statistical procedures to a dataset with reported "non-detects," it was assumed that the chemical was present at the lesser of one-half the sample quantitation limit or one-half the lowest reported hit for the specific medium, as suggested by RAGS Part A. Using this algorithm is a reasonable compromise between use of zero and using the sample quantitation limit to reduce the bias (positive or negative) in the calculated UCL.

10.1.3.4 Quantification of Exposure

This section describes the models, equations, and input parameter values used to quantify doses or intakes of the COPCs for the groundwater pathway as discussed in Section 10.1.3.2. The models are designed to estimate route- and medium-specific factors, which are multiplied by the EPC to estimate chronic daily dose. The intake model variables generally reflect 50th or 95th percentile values, which whenapplied to the EPC ensure that the estimated intakes represent the reasonable maximum exposure (RME). Formulae were derived from RAGS, Part A unless otherwise indicated. Table 10-11 lists input parameters used to compute chronic daily intake (CDI) for future site residents.

Age-adjusted ingestion factors were derived for the potential future residential receptors (resident adult and resident child combined) for carcinogenic endpoints. These factors consider the difference in daily ingestion rates for groundwater, body weights, and exposure durations for children (ages 1 to 6 years) and adults (ages 7 to 31 years). The exposure frequency is assumed to be identical for the two exposure groups.

Table 10.11
Parameters Used to Estimate Potential Exposures for Future Land Use Receptors

Pathway Parameters	Resident Adult	Resident Child	Units
Groundwater Ingestion			
Ingestion Rate	2[a]	1[a]	liters/day
Exposure Frequency	350[b]	350[b]	days/year
Exposure Duration	24[c]	6[c]	years
Exposure Duration$_{LWA}$	24[c]	6[c]	years
Body Weight	70[a]	15[a]	kg
Averaging Time, Noncancer	8,760[d]	2,190[d]	days
Averaging Time, Cancer	25,550[e]	25,550[e]	days

Notes:
a = USEPA (1989b) "Risk Assessment Guidance for Superfund Vol. I, Human Health Evaluation Manual (Pan A)."
b = USEPA (1991b) "Risk Assessment Guidance for Superfund Vol. I: Human Health Evaluation Manual Supplemental Guidance, Standard Default Exposure Factors, "Interim Final, OSWER Directive: 9285.6-03.EPA/600/8-89/043.
c = USEPA (1991a), Risk Assessment Guidance for Superfund: Vol. I — Human Health Evaluation Manual (Pan B, Development of Risk-based Preliminary Remediation Goals)," OSWER Directive 9285.7-01B.
d = Calculated as the product of ED (years) x 365 days/year.
e = Calculated as the product of 70 years (assumed lifetime) x 365 days per year.
NA = Not applicable.
CSV = Chemical-specific value

Ingestion of COPCs in Groundwater

The following equation is used to estimate the ingestion of COPCs in groundwater:

$$CDI_w = (C_w)(IR)(EF)(ED)/(BW)(AT)$$

where:

CDI_w	=	ingested dose (mg/kg-day)
C_w	=	concentration of contaminant in groundwater (mg/L)
IR	=	ingestion rate (L/day)
EF	=	exposure frequency (days/year)
ED	=	exposure duration (years)
BW	=	body weight (kg)
AT	=	averaging time (days)

Figure 10-1 provides the formulae for calculating the CDI for groundwater, which includes calculating the ingestion of groundwater by hypothetical residential receptors. Tables 10-12, 10-13, and 10-14 present groundwater ingestion CDI for the potential future site residents for the OU6 shallow water-bearing zone.

10.1.4 Toxicity Assessment

10.1.4.1 Carcinogenicity and Non-cancer Effects

The USEPA has established a classification system for rating the potential carcinogenicity of environmental contaminants based on the weight of scientific evidence. The cancer classes are described below. Cancer weight-of-evidence class "A" (human carcinogens) means that human toxicological data have shown a proven correlation between exposure and the onset of cancer (in varying forms). The "B1" classification indicates some human exposure studies have implicated the compound as a probable carcinogen. Weight-of-evidence class "B2" indicates a possible human carcinogen, a description based on positive laboratory animal data (for carcinogenicity) in the absence of human data. Weight-of-evidence class "C" identifies possible human carcinogens, and class "D" indicates a compound not classifiable with respect to its carcinogenic potential. The USEPA has established slope factors (SF) for carcinogenic compounds. The SF is defined as a "plausible upper-bound estimate of the probability of a response (cancer) per unit intake of a chemical over a lifetime."

Figure 10-1
Formulae for Calculating CDI for Groundwater

WATER INGESTION PATHWAY

Residential *Scenario:*

Non-Carcinogens - Child - Residential Scenario:

$$CDI_{NC\text{-}C} = \frac{C_w \times IR_{water/age1\text{-}6} \times EF_{res} \times ED_{age1\text{-}6}}{AT_{NC\text{-}C} \times BW_{age1\text{-}6}}$$

Non-Carcinogens - Adult - Residential Scenario:.

$$CDI_{NC\text{-}A} = \frac{C_w \times IR_{water/age7\text{-}31} \times EF_{res} \times ED_{age7\text{-}31}}{AT_{NC\text{-}A} \times BW_{age7\text{-}31}}$$

Carcinogens (based on a lifetime weighted average):

$$CDI_C = \frac{C_w}{AT_C} \times \frac{IR_{water/age1\text{-}6} \times EF_{res} \times ED_{age1\text{-}6}}{BW_{age1\text{-}6}} + \frac{IR_{water/age7\text{-}31} \times EF_{res} \times ED_{age7\text{-}31}}{BW_{age7\text{-}31}}$$

Figure 10-1 (continued)

Formulae for Calculating CDI for Groundwater

Variable	Description
BW_{age1-6}	average body weight from ages 1-6 (kg)
$BW_{age7-31}$	average body weight from ages 7-31 (kg)
ED_{age1-6}	*exposure* duration during ages 1-6 (yr)
$ED_{age7-31}$	*exposure* duration *during* ages 7-31 (yr)
EF_{res}	residential exposure frequency (days/year)
$IR_{water/age1-6}$	water intake rate — age 1-6 (L/day)
$IR_{water/age7-31}$	water intake rate — age 7-31 (L/day)
AT_C	Averaging time (carcinogen)
AT_{NC-A}	Averaging time (non-carcinogen adult)
AT_{NC-C}	Averaging time (non-carcinogen child)
C_W	Chemical concentration in groundwater

Note:

CDI indicates Chronic Daily Intake

Table 10-12
Chronic Daily Intake for Site 9 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florida

		Potential Future Land Use Chronic Daily Intake		
Chemical	Exposure Point Concentration (mg/l)	Future Resident Iwa C-CDI (mglkg-day) (a)	Future Resident Adult H-CDI (mg/kg-day)	Future Resident Child H-CDI (mg/kg-day)
Arsenic	0.0039	7.29E-05	1.34E-04	3.13E-04
Lead	0.0081	1.20E-04	2.228-04	5.18E-04
Manganese	0.605	9.00E-03	1.66E-02	3.87E-02

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (lwa) of an adult (age 7-31) and a child (age 1-6)

CDI Chronic Daily Intake

H-CDI hazard based CDI

C-CDI excess cancer risk based CDI

Table 10-13
Chronic Daily Intake for Site 29 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florida

Chemical	Exposure Point Concentration (mg/l)	Potential Future Land Use Chronic Daily Intake Future Resident Iwa C-CDI (mg/kg-day) (a)	Future Resident Adult H-CDI (mg/kg-day)	Future Resident Child H-CDI (mg/kg-day)
Cyanide	0.248	3.69E-03	6.79E-03	1.59E-02
Dieldrin	4.63E-05	6.88E-07	1.27E-06	2.96E-06
Manganese	0.27	4.02E-03	7.408-03	1.73E-02

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (Iwa) of an adult (age 7-31) and a child (age 1-6)

CDI Chronic Daily Intake

H-CDI hazard based CDI

C-CDI excess cancer risk based CDI

Table 10-14
Chronic Daily Intake for Site 34 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florida

		Potential Future Land Use Chronic Daily Intake		
Chemical	Exposure Point Concentration (mg/l)	Future Resident Iwa C-CDI (mg/kg-day) (a)	Future Resident Adult H-CDI (mglkg-day)	Future Resident Child H-CDI (mg/kg-day)
Arsenic	0.0043	6.40E-05	1.18E-04	2.75E-04
Cadmium	0.0044	6.54E-05	1.21E-04	2.81E-04
Lead	0.0756	1.12E-03	2.07E-03	4.83E-03
Manganese	0.475	7.06E-03	1.30E-02	3.04E-02
Naphthalene	0.32	4.76E-03	8.77E-03	2.05E-02

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (lwa) of an adult (age 7-31) and a child (age 1-6)

CDI Chronic Daily Intake

H-CDI hazard based CDI

C-CDI excess cancer risk based CDI

In addition to potential carcinogenic effects, most substances also can produce other toxic responses at doses greater than experimentally derived threshold concentrations. The USEPA bas derived Reference Dose (RfD) values fur these substances. A chronic RfD is defined as "an estimate (with uncertainty spanning perhaps an order of magnitude or greater) of a daily exposure concentration for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of deleterious effects during a lifetime." These toxicological values are used in risk formulae to assess the upper-bound level of cancer risk and non-cancer hazard associated with exposure to a given concentration of contamination.

For carcinogens, the potential risk posed by a chemical is computed by multiplying the CDI (as mg/kg-day) by the SF (in reciprocal mg/kg-day). The hazard quotient (for non-carcinogens) is computed by dividing the CDI by the IUD. The USEPA has set standard limits (or points of departure) for carcinogens and non-carcinogens to evaluate whether significant risk is posed by a chemical (or combination of chemicals). For carcinogens, the point-of-departure range is 10^{-6}, with a generally accepted range of 10^{-4} to 10^{-6}. These risk values correlate with 1 in 10,000 and 1 in 1,000,000 excess incidence of cancer resulting from exposure to xenobiotics (all pathways). Tbe FDEP risk and hazard thresholds are 1E-6 and 1, respectively.

For non-carcinogens, other toxic effects are generally considered possible if the HQ (or sum of HQs for a pathway — hazard index) exceeds unity (a value of 1). Although both cancer risk and non-cancer hazard are generally additive (within each group) only if the target organ is common to multiple chemicals, a most conservative estimate of each may be obtained by summing the individual risks or hazards regardless of target organ. This BRA has taken the universal summation approach for each class of toxicant. Additional details regarding the risk formulae applied to the OU6 sites media are provided m Section 10.1.5.

Critical studies used in establishing toxicity classifications by USEPA are shown in the Integrated Risk Information System (IRIS) database (primary source) and/or Health Effects Assessment Summary Tables (HEAST) Fiscal Year 1994 (*secondary* source). In addition, the USEPA Region III, Risk-based Concentration Tables, Third Quarter 1994, contained toxicological values not listed in primary or *secondary sources.* Where applicable, *these* values were also included in the database for this BRA. Table 10-15 summarizes toxicological data in the form of RfDs and SFs obtained for each COPC identified in OU6 shallow and intermediate groundwater.

Drinking standards in the form of federal and State of Florida MCLs and guidance concentrations have been established for a number of chemicals detected in groundwater in the study area. These chemicals include hazardous substances identified as toxicants (carcinogens and/or non-carcinogens) in published research studies. These standards are considered ARARs for groundwater potentially used as potable water source. The available drinking water standards for compounds detected in groundwater are included in the groundwater risk characterization and risk uncertainty discussions for reference.

10.1.4.2 Toxicity Profiles for COPCs

In accordance with RAGS, brief toxicological profiles were included for all COPCs. Most information for the brief profiles below was gleaned from IRIS as a primary source, and HEAST, as mentioned in the preceding text and toxicological database information table. Another main source of information was the Region III *Risk-Based Screening Concentrations Table* (USEPA, 1996b). Any additional references are noted specifically in the profiles below (in parentheses).

Table 10-15
Toxicological Database Information for NAS Pensacola, OU6
Pensacola, Florida

Chemical	Oral Reference Dose (mg/kg/day)	Oral Cancer Slope Factor [(mg/kg/day)]-1	Cancer Classification	Uncertainty Factor/Modifying Factor Oral
Arsenic	0.0003 [a]	1.75 [a]	A	1000 / 3
Cadmium	0.0005 [b]	NA	D	10 / 1
Cyanide	0.02 [a]	NA	D	100 / 5
Dieldrin	0.00005 [a]	16	B2	100 / 1
Lead	NA	NA	B2	NA
Manganese	0.005 [b]	NA	NA	1/1
Naphthalene	0.04 [d]	NA	D	see note (*)

Notes:
ARARs for the COPCs above are discussed in Section 10.1.6.

a	=	Integrated Risk Information System (IRIS)
b	=	Oral reference dose provided in a meeting with Julie Keller, USEPA Region IV Office of Health Assessment
c	=	Environmental Criteria and Assessment Office (ECAO)
d	=	This reference dose has been withdrawn from IRIS/HEAST; the uncertainty and modifying factors are unknown
NA	=	Not applicable
mg/kg/day	=	milligrams per kilogram per day
Cancer Class A	=	Classified as a known, human carcinogen by USEPA
Cancer Class B2-C	=	Classified as a probable to possible human carcinogen by USEPA

The profiles summarize adverse effects of COPCs and the amount of the COPC associated with adverse effects.

Arsenic *exposure* via the ingestion route *causes darkening* of the skin in chronically exposed humans. Inhalation exposure to arsenic causes neurological deficits, anemia, and cardiovascular effects. USEPA *set 0.3* µg/kg-day in a human exposure study. Arsenic's effect on the nervous and cardiovascular systems are primarily associated with acute exposure to higher concentrations. Exposure to arsenic-containing materials bas been shown to cause cancer in humans. Inhalation of these materials can lead to increased lung cancer risk, and ingesting is associated with increased skin cancer rates. Arsenic has been classified as a group A carcinogen by USEPA, which set the

1.75 (mg/kg-day)$^{-1}$ SF for arsenic. Human milk contains about 3 μg/L arsenic. The RBC for arsenic in tap water is 0.038 μg/L (Klaassen, et al., 1986).

Cadmium can upset the stomach, leading to vomiting and diarrhea in acute exposure. Acute inhalation of cadmium containing dust can irritate the lungs. Chronic exposure, either via inhalation or ingestion, has been shown to cause kidney damage (including kidney stones), emphysema, and high blood pressure. Other tissues reportedly injured by cadmium exposure in animals and humans include the lungs, testes, liver, immune system, blood, and the nervous system. An oral RfD of 0.001 (mg/kg-day) has been determined by USEPA, based on human studies (food) involving chronic exposure in which significant increased protein was found in the urine. A separate oral RfD for water has been determined by USEPA to be 0.0005 mg/kg-day. For inhalation exposure, cadmium has been classified by USEPA as a group B1, or probable human carcinogen, based on limited evidence from epidemiological studies in which an excess risk of lung cancer was observed in cadmium smelter workers. There is sufficient evidence of increased risk of lung cancer in rats and mice exposed to cadmium via inhalation. Seven studies in which cadmium was administered orally to rats and mice have shown no evidence of carcinogenic response following exposure via this route. (Klaassen, et al, 1986).

Manganese is an essential nutrient. Chronic exposure to manganese, 0.8 mg/kg-day, causes mental disturbances. Studies have shown that manganese uptake from water is greater than manganese uptake from food, and the elderly appear to be more sensitive than children. Because of the different uptake rates in water and food, USEPA set two oral RfDs- one for water and one for food. These RfDs are 0.005 and 0.14 mg/kg-day, respectively. Inhalation of manganese dust causes neurological effects and increased incidence of pneumonia, and an inhalation RfD was set to 0.0000143 mg/kg-day. According to USEPA, *manganese* can not be classified as to its carcinogenicity. Therefore, the cancer class for manganese is group D. The typical vitamin supplement dose of manganese is 2.5 mg/day (Klaassen, *et* al, 1986) (Dreisbach, et al, 1987).

Dieldrin is a polycyclic chlorinated pesticide. Short-term exposure to high doses of dieldrin causes tremors and convulsions. Chronic exposure *can* cause emotional and neuromuscular disturbances. *Exposed* individuals revert to normal approximately one week after the dieldrin *source* is removed. Dieldrin is classified as a B2 *carcinogen* by USEPA; the SFo, SFi, and RfDo were *set* to 16 $(mg/kg\text{-}day)^{-1}$, 16.1 $(mg/kg\text{-}day)^{-1}$, and 0.00005 mg/kg-day, respectively (Dreisbach, et al, 1987).

Lead has been classified as a group B2 *carcinogen* by USEPA based on animal data. No RfD or SF has been *set* by USEPA. However, an action level for soil has been proposed by USEPA Region IV, 400 mg/kg. An RfD and SF has not been set because of the confounding nature of lead toxicity. Lead accumulates in fat tissue, affects the brain, blood, and mental development of children. RfD's are based on the assumption that a threshold must be exceeded to result in toxic effects (other than carcinogenicity). Once lead accumulates in the body, other influences *cause* the actual levels in the blood to fluctuate- sometimes the lead is attached to binding sites, and sometimes lead is free flowing. If an exposed individual has previously been exposed to lead, this individual could lose weight, and *set* fat-bound lead free. This fluctuation and lack of previous lead exposure data are two of the reasons lead effects are difficult to predict (Klaassen, etal, 1986).

Cyanide, a non-metal, is a combination of *carbon* and nitrogen resulting from many industrial processes as a byproduct, a necessary component, or both. It is also a naturally occurring compound, found in apple *seeds*, lima beans, and other natural sources. For example, the American white lima bean contains approximately 10 mg cyanide per 100 g of bean. Some lima beans contain as much as 300 *mg* cyanide per 100 g of bean (Dreisbach, et al, 1987). This compound prevents *oxygen* binding in red blood cells, whose physiological function is to transport oxygen to other cells in the body. Sufficient exposure to cyanide *can* lead to cytotoxic anoxia, or cellular *toxicity* due to the interference with cells' ability to transport or use *oxygen*. The clinical

signs of this effect are gasping for breath, blueish lips and skin, and other signs similar to drowning or choking. In addition, the heart is affected, resulting in low blood pressure. Decreased body weight, effects on the thyroid, and effects on myelin (i.e., tissue that shields some of the body's nerve cells) have been observed in chronic animal exposure studies. Based on this animal study, USEPA determined the oral RfD to be 0.02 mg/kg-day for cyanide ingestion, and the federal MCL is 0.2 mg/l. In RAGS, the default gastrointestinal absorption efficiency is five percent for ingested compounds. Five percent of 10 mg is 0.5 mg, which is the amount absorbed from lima bean ingestion. For the average adult (70 kg) this would result in approximately one-half the USEPA RfD. Two servings of lima beans would exceed the RfD for the average adult; a smaller serving would exceed the RfD for an child. Inhalation would be an exposure pathway of concern (if the scenario exists), but USEPA has not established an inhalation RfD for this compound. Chronic inhalation exposure to cyanide can lead to weakness, dizziness, and possibly neurological effects (targeting the white matter of the brain) (Klaassen, et al, 1986).

Naphthalene, obtained from coal tar, is used as a moth repellant and a synthetic intermediate. This compound causes hemolysis which can lead to blocked renal tubules. Hemolysis occurs primarily in individuals who are have genetically deficiency levels of glucose-6-phosphate dehydrogenate in red blood cells (i.e., primarily black males). USEPA determined that the IUD is 0.04 mg/kg-day; however, this value was withdrawn from IRIS and HEAST (Dreisbach, et al, 1987).

10.1.5 Risk Characterization

Risk characterization combining the results of the exposure assessment and toxicity assessment to yield qualitative and quantitative expressions of risk for the exposed receptors. The quantitative component expresses the probability of developing cancer, or a non-probabilistic comparison of estimated dose with a reference dose for non-cancer effects. These quantitative estimates are developed for individual chemicals, exposure pathways, transfer media, and source media, and

far each receptor for all media to which one may be exposed. The qualitative component usually involves comparing COC concentrations m media with established criteria or standards for chemicals for which there arc no suitable toxicity values. The risk characterization is used to *guide* risk management decisions.

Generally, the risk characterization follows the methodology prescribed by RAGS Part A, as modified by more recent information and supplemental guidance cited in the earlier sections of this document. The USEPA methods are, appropriately, designed to be health-protective, and tend to overestimate, rather than underestimate, risk. The risk results, however, are overly conservative, because risk characterization involves multiplying the conservatisms built into the exposure and toxicity assessments.

This section characterizes the potential health risks associated with the intake of chemicals originating from the OU6 sites. The methods used to estimate the types and magnitudes of health effects associated with exposure to chemicals.

10.1.5.1 Risk Characterization Methodology

Potential risks to humans following exposure to COPCs are estimated using methods established by USEPA when available. These methods are health-protective and are likely to overestimate, rather than underestimate, risk. Risks from hazardous chemicals are calculated for either carcinogenic or noncarcinogenic effects. Some carcinogenic chemicals may also pose a noncarcinogenic hazard. The potential human health effects associated with chemicals that produce systemic toxic and carcinogenic influences are characterized for both types of health effects.

10.1.5.2 Carcinogenic Effects of Chemicals

The risk attributed to exposure to carcinogens is estimated as the probability of an individual developing cancer over a lifetime as a result of exposure to a potential carcinogen. In the low-dose range, which would be expected for most environmental exposures, cancer risk is estimated from the following linear equation (USEPA, 1989b):

$$ILCR = (CDI)(SF)$$

where:

ILCR	–	incremental lifetime cancer risk, a unitless expression of the probability of developing cancer, adjusted for reference incidence
CDI	–	chronic daily intake, averaged over 70 years (mg/kg-day)
SF	–	cancer slope factor $(mg/kg\text{-}day)^{-1}$

For a given pathway with simultaneous exposure of a receptor to several carcinogens, the following equation is used to sum cancer risks:

$$Risk_p = ILCR(chem_1) + ILCR(chem_2) + \ldots ILCR(chem_i)$$

where:

$Risk_p$	=	total pathway risk of cancer incidence
$ILCR(chem_i)$	–	individual chemical cancer risk

Cancer risk for a given receptor across pathways and across media is *summed* in the same manner.

10.1.5.3 Non-carcinogenic Effects of Chemicals

The risks associated with the non-carcinogenic effects of chemicals are evaluated by comparing an exposure level or intake with a reference dose. The HQ, defined as the ratio of intake to RfD is defined as (RAGS, Part A):

$$HQ = CDI/RfD$$

where:

HQ	=	hazard quotient (unitless)
CDI	=	intake of chemical (mg/kg-day)
RfD	=	reference dose (mg/kg-day)

Chemical non-carcinogenic effects are evaluated on a chronic basis, using chronic RFD values. An HQ of unity or 1 indicates that the *estimated* intake *equals the* RfD. If the HQ is greater than unity, there may be a concern for potential adverse health effects.

In the *case* of simultaneous *exposure* of a receptor to several chemicals, a HI will be calculated as the *sum* of the HQs by:

$$HI = HQ_1 + HQ_2 + ..HQ_i$$

where:

HI	=	Hazard Index (unitless)
HQ	=	Hazard Quotient (unitless)

10.1.5.4 Shallow and Intermediate Groundwater Pathways

Exposure to groundwater onsite was evaluated exclusively under a future site resident scenario. Ingestion through potable use of contaminant exposure pathways was evaluated. For non-carcinogenic contaminants evaluated relative to future site residents, hazard was computed separately to address child and adult exposure. The shallow and intermediate water-bearing zones monitored during the RI were combined for assessment. Tables 10-16, 10-17, and 10-18 present the computed carcinogenic risks and/or HQs associated with the potable use of shallow groundwater for drinking water for the OU6 sites.

Hypothetical Future Site Resident Pathways

Site 9

The computed hazard indices for ingestion of shallow and intermediate groundwater used as a potable source for the future child and adult resident were 9 and 4, respectively. The primary contributors were arsenic and manganese. In addition, arsenic was the only contributor to ILCR, which was 1E-4. COCs identified were arsenic and manganese. Lead was detected at a concentration in excess of the treatment technique action level; however, the average lead concentration (hits only) did not exceed the treatment technique action level, nor did the UCL. Therefore, lead was not considered to be a COC.

Site 29

The hazard indices calculated for Site 29 child and adult residents were 4 and 2, respectively. The primary contributor to hazard was manganese. However, cyanide contributed more than 0.1 to the hazard index. Due solely to dieldrin, ILCR was calculated to be 1E-5 for this site. COCs identified were cyanide, dieldrin, and manganese.

Table 10-16
Hazard Quotients and Incremental Lifetime Cancer Risks
Site 9 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florid

Chemical	Reference Dose Used (mg/kg-day)	Slope Factor Used (mg/kg-day)-1	Resident ILCR Iwa (a)	Resident Adult Hazard Quotient	Resident Child Hazard Quotient
Arsenic	0.0003	I.75	I.3E-04	0.4	I.0
Lead	ND	ND	ND	ND	ND
Manganese	0.005	ND	ND	3.3	7.7
Total Risks/Hazard Indices			IE-04	4	9

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (Iwa) of an adult (age 7-3I) and a child (age I-6)

ND Not determined due Io lack of available information

Table 10-17
Hazard Quotients and Incremental Lifetime Cancer Risks
Site 29 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Flori

Chemical	Reference Dose Used (mg/kg-day)	Slope Factor Used (mg/kg-day)-1	Resident ILCR Iwa (a)	Resident Adult Hazard Quotient	Resident Child Hazard Quotient
Cyanide	0.02	ND	ND	0.3	0.8
Dieldrin	5E-05	16	1.1E-05	0.03	0.06
Manganese	0.005	ND	ND	1.5	3.5
Total Risks/Hazard Indices			1E-05	2	4

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (Iwa) of an adult (age 7-31) and a child (age 1-6)

ND Not determined due to lack of available information

Table 10-18
Hazard Quotients and Incremental Lifetime Cancer Risks
Site 34 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florida

Chemical	Reference Dose Used (mglkg-day)	Slope Factor used (mg/kg-day)-1	Resident ILCR Iwa (a)	Resident Adult Hazard Quotient	Resident Child Hazard Quotient
Arsenic	0.0003	1.75	1.1E-04	0.39	0.92
Cadmium	0.0005	ND	ND	0.24	0.56
Lead	ND	ND	ND	ND	ND
Manganese	0.005	ND	ND	2.6	6.1
Naphthalene •	0.04	ND	ND	0.2	0.5
Total Risks/Hazard Indices			IE-04	3	8

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (Iwa) of an adult (age 7-31) and a child (age 1-6)

ND Not determined due to lack of available information

• the reference dose used for naphthalene has been withdrawn from IRIS/HEAST

Site 34

Hazard indices for child and adult residents at Site 34 were 8 and 3, respectively. The primary contributor to the hazard index was manganese. Arsenic, cadmium, and naphthalene also contributed more than 0.1 to the hazard index, and the 1E-4 ILCR is attributable solely to arsenic. COCs identified were arsenic, cadmium, manganese, and naphthalene. Lead was detected in excess of the treatment technique action level at this site; however, only one lead concentration was reported in all samples analyzed.

10.1.6 Risk Uncertainty

This section presents and discusses the uncertainty inherent in the risk assessment process in addition to medium- and exposure pathway-specific influences. Risk assessment sections are discussed separately below, and specific examples of uncertainty sources are included where appropriate. Alternative risk projections are also. included which provide estimates of the range of risk. These alternative risk results are based on Central Tendency (CT) exposure (average or 50th percentile) rather than RME as presented in the Risk Characterization Section for comparison. CT exposure assessment was performed for the ingestion of shallow/intermediate groundwater exposure pathway.

General

Uncertainty is a factor in each step of the exposure and toxicity assessments presented in the preceding sections. Overall, uncertainties associated with the initial stages of the risk assessment process become magnified when they are combined with other uncertainties. For example, the use of the 95th percentile UCL as the EPC is a method of reducing uncertainty with respect to falsely concluding that insignificant risk is posed. However, a "safety factor" based on the standard deviation and number of samples is included in the UCL. During the risk characterization process, individual chemical risk is added to determine the incremental excess cancer risk for each exposure pathway. If the individual risk projections were calculated based on the UCL, the

"safety factor" of the incremental risk is the sum of all the individual "safety factors." Inclusion of outliers in the UCL calculation increases the overall uncertainty of the calculated risks and increases the estimate of the risk in a conservative manner. This multiplicative influence on conservatism is inherent in the risk assessment process, and is also evident in the uncertainty factor and modifying factor applied to RfDs. It is not possible to eliminate all uncertainties; however, recognizing the uncertainties is fundamental to understanding and subsequently using risk assessment results.

This section presents the uncertainty of site-specific and medium/pathway-specific factors introduced as part of the risk assessment process, in addition to other factors influencing the uncertainty of the calculated incremental excess cancer risks and hazard quotients/indices. It is important to note that the exposure pathways considered for selection in the Exposure Assessment Section of this BRA are extremely conservative.

Assumptions are made as part of the risk assessment process based on population studies and USEPA guidance. This guidance divides the assumptions into two basic categories: the upper bound (90 to 95th percentile) and the mean or 50th percentile (CT) exposure assumptions. As discussed in the Exposure Assessment Section, the RME exposure is based on the upper-bound assumptions, and the CT exposure is based on mean assumptions. Therefore, risk/hazard calculated using RME exposure assumptions are generally overestimates rather than underestimates. The following paragraphs discuss sources of uncertainty pertinent to each exposure pathway evaluated.

Quality of Data

Groundwater

Tidal and seasonal differences could add uncertainty to the results of the human health risk assessment. Temporal differences (i.e., differences in the groundwater conditions between

February and December) resulted in different groundwater results, and the tide's influence on groundwater could also lead to different concentrations or contaminants being detected during one season or tide cycle as compared to another. The second sampling phase was focused as specific analyte groups (i.e., VOC, SVOC, etc.) were targeted to further assess contamination identified in the first sampling phase. For example, Site 34 groundwater was analyzed for CLP volatiles and semi-volatiles in a select group of monitoring wells, as discussed previously in Sections 5 and 10.1.2.1 of this RI. The result of this uncertainty would be to either increase or decrease the reported results, which would similarly affect the projected risk and hazard presented in Section 10.1.5.

Soil

Discussion on soil will center on the effects of soil to groundwater leaching, and its potential impacts on the groundwater pathway. As discussed, no complete exposure pathway exists at OU6 for current or future populations. The short-term residents could be exposed, however, the surface soil interval included in a resident scenario would largely consist of fill material.

As part of the RI for OU6, the synthetic precipitation leaching procedure (SPLP) was performed on site soils to measure the potential for contaminants in site soils to leach into groundwater. This information was presented and detailed in Section 9, a conclusion of which was that the dilution/attenuation factor (DAF) recommended in Soil Screening Guidance, USEPA/OSWER, EPA/540/R-94/101 is not appropriate for site conditions. The recommended DAF of 10 theoretically accounts for shallow groundwater immediately underneath a source material. However, significant leachable contaminant fractions (primarily inorganic parameters) did not manifest themselves in shallow groundwater immediately downgradient of possible source areas. These observations indicate that the site-specific DAF is substantially higher than 10. Horizontal dispersion, sorption phenomena, and chemical diffusion, all of which would play major roles in

diluting/attenuating the concentrations as the [redacted]s migrate, likely accounts for the *disparity* between predicted and observed groundwater conditions.

Identification of **COPCs**

Prior to addressing risk/hazard for all chemicals detected, screening values were used to focus the BRA *on* COPCs which individually exceed 1E-6 risk, a hazard quotient of 0.1 (or a hazard quotient of 1), or an ARAR. This information was obtained from telephone conversations with Tier 1 Partnering team members from USEPA, FDEP, and the Navy, as well as previous USEPA Region IV comments on Federal Facility BRAS.

Exposure Pathways and **Contaminants**

CPSSs were initially eliminated from the BRA based on the criteria agreed on by USEPA, FDEP, and the Navy. The risk/hazard thresholds of 1E-6 and 0.1 were selected *to* account for potential cumulative effects of various chemicals, and the maximum concentration detected was compared to the corresponding screening value. As discussed previously m this BRA, the comparison was made using the most conservative screening value provided by USEPA and FDEP for each exposure medium. Although some uncertainty exists regarding potential cumulative effects, the fact that maximum concentrations detected were used in the screening comparison in concert with low range risk/hazard thresholds alleviates much uncertainty. A large number (i.e., greater than 10) of constituents would have to be present at near-RBC concentrations to elicit a concern for cumulative effects.

Comparison to **Reference Concentrations (Background)**

Because the intent of the BRA is to estimate the excess cancer risk or health hazard posed by COPCs, a comparison to reference concentrations was performed subsequent to comparison *to* screening values. The maximum concentration detected for each chemical that exceeded its corresponding screening value was compared *to* two-times the mean reference concentration, if

a reference concentration was available. Because low frequency of detection could indicate a contaminant should not be addressed in the BRA, all detected chemicals that failed the screening comparisons were evaluated with respect to frequency of detection and consistency of detection in two or more sampled environmental media. This approach was selected as a conservative screening approach.

Additional uncertainty is introduced by a comparison of site data to non-specific screening reference data. This uncertainty stems from using reference concentrations obtained from a limited number of samples and locations. The limited number of samples and sample locations increases the uncertainty as natural variability in media composition may not be fully characterized. Although the reference concentrations are specific to NAS Pensacola, they are not site-specific.

Elimination of Essential Nutrients

According to RAGS Part A, before eliminating essential nutrients from the risk assessment, they must be shown to be at concentrations that are not associated with adverse health effects. USRDAs for adults and children age 4 or more were compared to those *essential* nutrients detected in groundwater. USEPA recommends excluding many essential nutrients from the BRA, regardless of the concentrations detected. In large doses (i.e., larger than the U.S. recommended dosage amount) toxic effects due to essential nutrient overdose are possible.

Characterization of Exposure Setting and Identification of Exposure Pathways

Uncertainty in the exposure setting and pathways exists due to the highly conservative assumptions recommended by USEPA Region IV when assessing potential future and current exposure. As previously discussed, no potable (or non-residential water) wells exist at the OU6 sites.

Determination of Exposure Point Concentrations

Based on the guidance provided by USEPA, EPCs are those concentrations used to estimate CDI. The uncertainty associated with EPC primarily stems from their statistical determination or imposition of maximum concentrations, described below.

Statistical Estimation of Exposure Point Concentrations

The available Supplemental Guidance to RAGS outlines a statistical estimation of EPC. These calculated concentrations are 95 percent UCL which are based on certain assumptions. USEPA assumes that most (if not all) environmental data are lognormally distributed. Uncertainty exists in this assumption because many environmental data are neither normally nor lognormally distributed.

The UCL calculation is provided in the Supplemental *Guidance to RAGS: calculating* the *Concentration Term*, May 1992 (USEPA, 1992b). This calculation includes a statistical value, the H-statistic, is based on the number of samples analyzed for each COPC and the standard deviation of the results. To obtain this number, a table must be referenced, and the value must be interpolated (an estimation) from the table. The equation for the H-statistic has not been provided in the supplemental guidance, nor does the document referred to in the guidance provide the equation. Although the statistic appears to be non-linear, a linearity assumption was made to facilitate interpolation of the statistic for each COPC addressed in the BRA.

Linear interpolation is a good estimate of H; however, it is important to note that the formula and H are natural log values, and H is applied as a multiplier. The effect of multiplying natural log numbers is not equivalent to multiplying untransformed values. While data are log transformed, adding two numbers is the equivalent of multiplying the two numbers if they were not transformed. The effect of multiplying a number while in log form is exponential, and H is applied as a multiplier. In summary, using this method to calculate the UCL includes much

uncertainty (an overestimation of risk/hazard), and often provides concentrations greater than the maximum detected onsite. For all datasets having less than ten total samples, the maximum concentrations detected were used as EPC. The datasets in this risk assessment are small; however, most consisted of ten or more samples, and the UCL was calculated for those groups. Some uncertainty exists due to the somewhat limited number of samples and monitoring wells used to delineate the sites.

Although RAGS advocates using neither worst-case scenarios nor maximum concentrations as EPCs, the use of the H-statistic often necessitates using the reported maximum concentration as EPC. In accordance with RAGS, the lesser of either the maximum concentration or the UCL is used as the EPC. Summation of risk based on maximum concentrations leads to overestimating risk/hazard, especially in the case of low detection frequency or spatially segregated COPCs. This concept is further discussed below.

Frequency of Detection and Spatial Distribution

Because of the influence of standard deviation on EPC, low frequency of detection can cause COPCs to be inappropriately addressed in the risk assessment. More specifically, COPCs detected only once or twice in all samples analyzed (having concentrations exceeding the RBCs and reference concentrations) would be expected to have relatively higher standard deviation as concentration variability or range widens. Higher standard deviation results in a high H-statistic, and this typically leads to a UCL greater than the maximum concentration detected onsite. If that is the case, then using the UCL or maximum concentration detected as EPC (or possibly the inclusion of the COPC in question) may not be appropriate when EPC is assumed to be ubiquitous. The likelihood that a receptor is simultaneously exposed to maximum concentrations at several locations is infinitesimally small.

Of the COCs identified in risk characterization, many were detected in only one sample. In addition, some were detected *during* Phase I sampling, and were not detected in corresponding Phase II sampling. This indicates that the presence of the COCs is questionable. At Site 29, cyanide and dieldrin were detected in only one sample. In addition, dieldrin was not detected in a corresponding confirmatory Phase II sample. Cadmium and lead were detected in only one sample at Site 34. The use of the maximum concentrations (or the UCL) is questionable for these contaminants, and the calculated risk and hazard could be skewed upwards or downwards due to the low frequency of detection.

Toxicity Assessment Information

There is a generally recognized uncertainty in human risk values developed from experimental data primarily due to the uncertainty of data extrapolation in the areas of: (1) high- to low-dose *exposure* and (2) animal data *to* human experience. The site-specific uncertainty is mainly in the degree of accuracy of the exposure assumptions. Most of the assumptions used in this and any risk assessment have not been verified. For example, the degree of chemical absorption from the gut or through the skin or the amount of soil contact is not known with certainty.

The uncertainty of toxicological values from the IRIS and HEAST databases (provided by USEPA) Were summarized (where available) in Table 10-15 (previously presented). The uncertainty factors assigned to these values account for acute! to chronic dose extrapolation, study inadequacies, and sensitive subpopulations *among* other factors. Although uncertainty factors for a specific compound may be 1,000 or higher, these safety factors are applied by USEPA to assist in guaranteeing the overall assessment of risk/hazard is conservative toward human health concerns. In the presence of such uncertainty, the USEPA and the risk assessor are obligated to make conservative assumptions so the chance is very small for the actual health risk to be greater than what is determined through the risk assessment process. On the other hand, the process is not to yield overly conservative risk values that have no basis in actual conditions. This balance was

kept in mind in developing exposure assumptions and pathways and in interpreting data and guidance for this BRA.

Evaluation of Chemicals for Which No Toxicity Values Are Available

In addition to the typical uncertainties inherent in toxicity values, parameters which do not have corresponding RBCs due to the lack of approved toxicological values were included in the CDI calculation data. This information was provided to facilitate risk/hazard projections should toxicological values become available in the future. The maximum concentration reported for lead in Site 9 and 34 groundwater exceeded the MCL/FPDWS of 0.015 mg/l. However, the average of the reported hits for Site 9 does not exceed this *ARAR,* and lead was detected in only one Site 34 groundwater sample.

Quantification of Risk/Hazard

As indicated by the discussions above, the uncertainty inherent in the risk assessment process is great. In addition, many site-specific factors have affected the uncertainty of this assessment. Exposure pathway-specific sources of uncertainty are discussed below.

Groundwater

The primary source of uncertainty in the groundwater exposure pathway is the potable use assumption. Neither the onsite shallow or intermediate OU6 water-bearing zones are currently used as an industrial or potable water sources, nor are they anticipated for such uses in the future. This exposure pathway was addressed as an extremely conservative risk estimate for future land use under the residential exposure scenario.

Because it would be implausible to expect an individual to be chronically exposed to the maximum concentration of each groundwater chemical, an approach for limiting RME uncertainties was taken for groundwater. Substituting the 95 percent UCL mean concentration (where possible) for

each chemical provides a reasonably conservative estimate of the chronic concentrations to which an individual may be exposed via the groundwater pathway.

In addition to the essential nutrients reported in groundwater, arsenic would be expected to be present (as it is in seafood). Arsenic did not exceed its federal MCL or FPDWS at the maximum concentration detected. At the maximum concentration detected, arsenic poses 1E-4 excess cancer risk — less risk than would be posed if arsenic was present at concentrations *equal* to the corresponding MCL/FPDWS.

Dieldrin was detected in only one sample and was not detected in the corresponding Phase II confirmatory sample. This compound accounted for 100 percent of the risk calculated for Site 29, which is, therefore, questionable. In addition, the corresponding FDEP ARAR based on carcinogenicity is generally *equal* to the maximum reported hit for dieldrin. No other *carcinogenic* COPCs were identified *at Site 29.* The EPC for cyanide, detected in only one sample at Site 29, was approximately *equal* to the FPDWS/MCL.

Manganese, as discussed in risk characterization, was tk primary contributor to hazard at each of the sites. The manganese EPC was m excess of the FSDWS/SMCL at each site. It is important to note that the secondary standard for this *essential* element was based on an organoleptic endpoint. Surface coatings of apparent iron and manganese were observed in soil throughout the OU6 sites, and NAS Pensacola in general; therefore, *elevated* groundwater concentrations are by no means *surprising.* The lead concentrations reported for Site 9 were generally less than the treatment technique action level. The average of the reported concentrations was also less than this ARAR, as was the 95 percentile UCL.

Ubiquitous exposure was assumed for all monitoring well data from these sites. Percent area affected was not applied to the risk projections, and this is a highly conservative approach,

especially in the case of low frequency of detection COPCs. These low frequency of detection COPCs would not be expected to be encountered at all residential locations assuming potable wells were established. Therefore, the risk calculations are likely overestimates.

As discussed above, the likelihood that the aquifer is used for a drinking water supply is extremely low. Presently, drinking water is supplied NSA Pensacola from Corry Station, and there are no indications that site groundwater will be used in the future for potable purposes. COCs were identified assuming potable water use by hypothetical site residents and the conservatism and resulting overestimation of risk projections is large.

CT analysis was performed for groundwater. Where applicable, 50th percentile exposure assumptions are substituted for 90 to 95 percentile exposure assumptions to assess the median to upper-bound cancer risk and hazard range. The exposure duration is reduced to 2 and 7 years for the child and adult, respectively. Ingestion rates are also reduced from 2 L/day to 1.4 L/d for adults and 0.5 L/d for children. The exposure frequency is also adjusted to the 50th percentile value for exposure to groundwater. The RME exposure frequency is 350 days/year, and the CT exposure frequency is reduced to 234 days/year. The CT CDI are shown in Tables 10-19, 10-20, and 10-21 for Sites 9, 29, and 34, respectively. Tables 10-22, 10-23, and 10-24 show the CT risk and hazard results for Sites 9, 29, and 34, respectively.

The results of the CT analysis of the ingestion of groundwater pathway indicate reductions in all risk/hazard projections for the future site adult and child. Based on the application of CT exposure

Table 10-19
Central Tendency Chronic Daily Intake for Site 9 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florida

		Potential Future Land Ute Chronic Daily Intake		
Chemical	Exposure Point Concentration (mg/l)	Future Resident Iwa C-CDI (mg/kg-day) (a)	Future Resident Adult H-CDI (mg/kg-day)	Future Resident Child H-CDI (mg/kg-day)
Arsenic	0.0049	9.27E-06	6.28E-05	1.05E-04
Lead	0.0081	1.53E-05	1.04E-04	1.73E-04
Manganese	0.605	1.1SE-03	7.76E-03	1.29E-02

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (lwa) of an adult (age 7-31) and a child (age 1-6)

CDI Chronic Daily Intake

H-CDI hazard based CDI

C-CDI excess cancer risk based CDI

Table 10-20
Central Tendency Chronic Daily Intake for Site 29 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensncola, Florida

		Potential Future Land Use Chronic Daily Intake		
Chemical	Exposure Point Concentration (mg/l)	Future Resident Iwa C-CDI (mglkg-day) (a)	Future Resident Adult H-CDI (mglkg-day)	Future Resident Child H-CDI (mglkg-day)
Cyanide	0.248	4.69E-04	3.18E-03	5.308-03
Dieldrin	4.63E-05	8.76E-08	5.93E-07	9.89E-07
Manganese	0.27	5.11E-04	3.468-03	5.778-03

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (Iwa) of an adult (age 7-3I) and a child (age 1-6)

CDI Chronic Daily Intake

H-CDI hazard based CDI

C-CDI excess cancer risk based CDI

Table 10-21
Central Tendency Chronic Daily Intake for Site 34 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florida

Chemical	Exposure Point Concentration (mg/l)	Potential Future Land Use Chronic Daily Intake Future Resident Iwa C-CDI (mg/kg-day) (a)	Future Resident Adult H-CDI (mg/kg-day)	Future Resident Child H-CDI (mg/kg-day)
Arsenic	0.0043	8.14E-06	5.51E-05	9.19E-05
Cadmium	0.0044	8.33E-06	5.64E-05	9.40E-05
Lead	0.0756	1.43E-04	9.69E-04	1.62E-03
Manganese	0.475	8.99E-04	6.09E-03	1.02E-02
Naphthalene	0.32	6.06E-04	4.10E-03	6.84E-03

NOTES:

(a Carcinogenic chronic daily intake is based on the lifetime weighted average (lwa) of an adult (age 7-31) and a child (age 1-6)

CDI Chronic Daily Intake

H-CDI hazard based CDI

C-CDI excess cancer risk based CDI

Table 10-22
Central Tendency Hazard Quotients and Incremental Lifetime Cancer Risks
Site 9 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Florid

Chemical	Reference Dose Used (mg/kg-day)	Slope Factor Used (mg/kg-day)-1	Resident ILCR Iwa (a)	Resident Adult Hazard Quotient	Resident Child Hazard Quotient
Arsenic	0.0003	1.75	1.6E-05	0.2	0.3
Lead	ND	ND	ND	ND	ND
Manganese	0.005	ND	ND	1.6	2.6
Total Risks/Hazard Indices			2E-05	2	3

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (Iwa) of an adult (age 7-31) and a child (age 1-6)

ND Not determined due to lack of available information

Table 10-23
Central Tendency Hazard Quotients and Incremental Lifetime Cancer Risks
Site 29 Groundwater COPCs
Ingestion of Groundwater
NAS Pensacola
Pensacola, Flori

Chemical	Reference Dose Used (mg/kg-day)	Slope Factor Used (mg/kg-day)-1	Resident ILCR lwa (a)	Resident Adult Hazard Quotient	Residenf Child Hazard Quotient
Cyanide	0.02	ND	ND	0.2	0.3
Dieldrin	5E-05	16	1.4E-06	0.01	0.02
Manganese	0.005	ND	ND	0.7	1.2
Total Risks/Hazard Indices			1E-06	1	1

NOTES:

(a) Carcinogenic chronic daily intake is based on the lifetime weighted average (lwa) of an adult (age 7-31) and a child (age 1-6)

ND Not determined due to lack of available information

Table 10-24
Central Tendency Hazard Quotients and Incremental Lifetime Cancer Risks
Sire 34 Groundwater COPCs
Ingestion of Groundwater
NAS Pcnsacola
Pensacola, Florida

Chemical	Reference Dose Used (mg/kg-day)	Slope Factor Used (mg/kg-day)-1	Resident ILCR lwa (a)	Resident Adult Hazard Quotient	Resident Child Hazard Quotient
Arsenic	0.0003	1.75	1.4E-05	0.18	0.31
Cadmium	0.0005	ND	ND	0.11	0.19
Lead	ND	ND	ND	ND	ND
Manganese	0.005	ND	ND	1.2	2.0
Naphthalene •	0.04	ND	ND	0.1	0.2
Total Risks/Hazard Indices			1E-05	2	3

NOTES:

(a) Carcinogen.; chronic daily intake is based on the lifetime weighted average (lwa) of an adult (age 7-31) and a child (age 1-6)

ND Not determined due to lack of available information

• the reference dose used for naphthalene has been withdrawn from IRIS/HEAST

parameters, an approximately one order of magnitude reduction in calculated risk when compared to risk was shown when compared to risk based on RME. As shown in the tables, the CT groundwater risk does exceed the 1E-6 threshold set by FDEP. It is important to note that the background RME risk associated with arsenic is approximately 6E-5, and the risk posed by arsenic at the MCL/FPDWS would exceed of both the FDEP and USEPA points of departure. With respect to hazard, CT-based hazard quotients for the adult and child residents were reduced an average of approximately 50 and 67 percent from the RME-based hazard quotients, respectively.

10.1.7 Risk Summary

The human health risk associated with exposure to environmental media at NAS Pensacola OU6 was assessed for hypothetical future site residents. Extensive grading, backfilling, paving, and construction, along with the interim removal of contaminated soils occurred at these sites as a result of BRAC construction. Therefore, no complete soil exposure pathway exists at any site, and soil exposure was not addressed in this BRA.

The maximum groundwater concentrations reported for arsenic at Sites 9 and 29 do not exceed the ARAR, 0.05 mg/l (MCL/FPDWS). However, the risk posed by arsenic at Sites 9 and 34 (1E-4) exceeds the FDEP and USEPA point of departure (1E-6). The only reported concentration for dieldrin (0.00013 mg/l) is approximately equal to the FDEP ARAR (0.0001), and this compound was not detected in the confirmatory sampling effort.

Although the calculated risk exceeds the FDEP and USEPA threshold, the frequency of detection of dieldrin and comparison of reported concentrations to ARARs supports a conclusion of no further action recommendation for groundwater based on risk.

The shallow/intermediate groundwater pathway hazard indices were found to be 9, 4, and 8 for the future child resident and 4, 2, and 3 for the adult at Sites 9, 29, and 24, respectively. The

primary contributor to hazard at all sites is manganese. However, it is important to note that the future land use of these sites will be that of a military operations school and training facility. The aquifer is not used as a potable or non-residential water supply, and will not be used based on the Navy's future plans for the sites. Water for the military operations school is supplied by Cony Station, and based on the lack of complete exposure pathways, no further action is recommended for groundwater at the OU6 sites.

10.1.8 Remedial Goal Options

RGOs are chemical concentrations computed to equate with specific risk and/or hazard goals that may be established for a particular site. Based on the algorithms described in this risk assessment, COCs were identified which required calculation of RGOs. In accordance with USEPA Supplemental RGO Guidance, RGOs were calculated at 1E-4, 1E-5, and 1E-6 risk levels for carcinogenic COCs and HQ goals of 10, 1, and 0.1 for noncarcinogenic COCs. RGOs for carcinogens were based on the lifetime weighted average, and RGOs for non-carcinogens were based on the child exposure assumptions. Where appropriate, discussion regarding the applicability of specific RGOs is provided.

Shallow/Intermediate Groundwater RGOs

Tables 10-25, 10-26, and 10-27 provide RGOs for the shallow/intermediate groundwater ingestion pathway for Sites 9, 29, and 34, respectively. As shown in the Tables, the RGOs for arsenic, and dieldrin are below the ARAR. In addition, the RGOs based on a hazard quotient of 1 are similar to ARARs for manganese, cadmium, and cyanide. If a hazard quotient goal of 1 was selected for these elements, the merit of groundwater remediation would be questionable.

Chemical	Risk-Based RGOs 1E-4 (mg/l)	1E-5 (mg/l)	1E-6 (mg/l)	Hazard-Based RGOs 10 (mg/l)	1 (mg/l)	0.1 (mg/l)	Point Concentration (mg/l)	Reference Concentration (mg/l)	ARAR (mg/l)	Source
Arsenic	0.0038	0.00038	0.000038	0.047	0.0047	0.00047	0.0049	0.0028	0.05	MCUFPDWS
Manganese	NA	NA	NA	0.78	0.078	0.0078	0.605	0.022	0.05	SMCUFSDWS

NOTES:

RGO Remedial Goal Option
MCL Maximum Contaminant Level
FPDWS Florida Primary Drinking Water Standard
FSDWS Florida Secondary Drinking Water Standard
SMCL Secondary MCL
NA Not Applicable
risk-based RGOs are based on the lifetime weighted average adult and child exposure
hazard-baed RGOs are based on childhood exposure

Chemical	Risk-Based RGOs 1E-4 (mg/l)	1E-5 (mg/l)	1E-6 (mg/l)	Hazard-Based RGOs 10 (mg/l)	1 (mg/l)	0.1 (mg/l)	Point Concentration (mg/l)	Reference Concentration (mg/l)	ARAR (mg/l)	Source
Cyanide	NA	NA	NA	3.129	0.3129	0.03129	0.248	NA	0.2	MCUFPDWS
Dieldrin	0.00042	4.2E-05	4.2E-06	0.00782	0.000782	7.82E-05	4.6E-05	NA	0.1	FDEP (carc)
Manganese	NA	NA	NA	0.78	0.078	0.0078	0.27	0.022	0.05	SMCWFSDWS

NOTES:

RGO Remedial Goal Option
MCL Maximum Contaminant Level
FPDWS Florida Primary Drinking Water Standard
FSDWS Florida Secondary Drinking Water Standard
SMCL secondary MCL
NA Not Applicable
FDEP (carc) Carcinogen-based standard calculated by FDEP
risk-based RGOs are based on the lifetime weighted average adult and child exposure
hazard-bad RGOs are based on childhood exposure

Chemical	Risk-Based RGOs IE-4 (mgll)	IB-5 (mgll)	1E-6 (mgll)	Hazard-Based RGOs 10 (mgll)	1 (mg/l)	0.1 (mgll)	Point Concentration (mg/l)	Reference Concentration (mg/l)	ARAR (mg/l)	Source
Arsenic	0.0038	0.00038	0.000038	0.047	0.0047	0.00047	0.0043	0.0028	0.05	MCUFPDWS
Cadmium	NA	NA	NA	0.078	0.0078	0.00078	0.0044	0.0034	0.005	MCUFPDWS
Lead	NA	NA	NA	NA	NA	NA	0.0756	0.0016	0.15	TT
Manganese	NA	NA	NA	0.78	0.078	0.0078	0.475	0.022	0.05	SMCUFSDWS
Naphthalene	NA	NA	NA	6.26	0.626	0.0626	0.32	NA	NA	

NOTES:

- **RGO** Remedial Goal Option
- MCL Maximum Contaminant Level
- FPDWS Florida Primary Drinking Water Standard
- **PSDWS** Florida Secondary Drinking Water Standard
- **TT** Treatment Technique action level for lead in tap water
- SMCL Secondary MCL
- **NA** Not Applicable
- risk-based **RGOs are based** on the lifetime weighted average adult and child exposure
- **hazard-based** RGOs **are** based on childhood exposure
- the **FDEP** organoleptic standard **for** naphthalene **is** 0.006 mg/l

10.2 Ecological Risk Assessment

The purpose of the ecological risk assessment is to assess the actual or potential effects to ecological receptors due to contamination at the OU6 sites. The history and description of these sites are have been preciously presented. Site specific information from these sections aided in determining the ecological risk associated with these sites.

10.2.1 Ecosystem at Risk

Section 4.3 of this report contains the results of the habitat and biota survey conducted within the site area. Sites 9, 29, and 34 are located within the confines of the southwest portion of the former Chevalier Field. The general area mostly encompasses the NATTC in the vicinity of the Consolidated training School, and the entry promenade to the NATTC. No natural plant or animal habitats exist onsite, which consists of weedy, ruderal habitat outside of developed or landscaped areas. During the work week, the area is heavily trafficked by people on foot and by vehicles. The shoreline of Pensacola Bay lies approximately 2,700 feet east of the center of the site area, and shore birds are often observed in the vicinity of Chevalier Field. These sightings are normally associated with wetlands east of Chevalier Field, and the drainage ditch to the west. E/A&H biologists involved in the field investigation for the RI did not notice shorebird activity within the site boundaries. However, this does not mean that shorebirds do not visit the site area during periods of reduced human activities (weekends, after working hours, etc.) remainder covered with sod. The lack of natural habitat within the OU6 area will likely be limiting to faunal utilization in the immediate area.

10.2.2 Pathway Analysis

The RI presented possible scenarios of past practices and occurrences at OU6. Full-scan analyses using CLP protocol were conducted on soil and groundwater to quantify suspected contaminants of concern.

Surface Water Transport

Surface water from the site area drains to the west toward the tile lined drainage ditch west of Site 9, also known as NAS Pensacola Wetland 6. This feature conducts surface drainage from the western portion of the base toward the yacht basin of Bayou Grande, and still serves the same purpose, post-BRAC construction. Several collection features conduct surface runoff from the southwestern half of Chevalier Field into this ditch. This feature also drains the area containing Site 34. Surface soil contaminants might be transported from the Site 9 and 34 area into the drainage ditch and to downstream receptors via these drainage features. However, surface water transport becomes unviable, considering that precipitation over unpaved areas quickly infiltrates to the water table, while precipitation on paved areas (which do not represent site soils) becomes simply rain runoff, a storm water permitting problem. Most of Site 29 is now covered by construction, however, surface waters from exposed portions of the site would carry contaminants across Site 9, toward the same drainage features.

Groundwater Transport

Section 6 of this report discusses groundwater movement in and around the site area. Aquifer tests conducted at NAS Pensacola have shown that the horizontal movement of shallow groundwater in the surficial sand is generally from topographic highs to areas of discharge such as streams or nearby surface water bodies (G&M, 1984). The piezometric study of the site area indicates that the steepest hydraulic gradient occurs at the southern end of Site 9, where groundwater flows directly west toward the drainage ditch. Groundwater from Site 29 is conducted beneath the southern part of Site 9, also toward the ditch. Near Site 34, the hydraulic gradient is less steep, groundwater flow velocity lessens, and flow direction shifts to the northwest at an indirect angle to the ditch.

Groundwater seepage into the drainage ditch provides a potential pathway for contaminant migration. However, groundwater samples collected during the remedial investigation revealed

very limited contamination. Site 9 groundwater samples contained only aluminum, iron, and manganese above standards. Groundwater from Site 29 also contained these same constituents, and would be diluted by Site 9 groundwater during transport to the drainage ditch. Because of the reduced flow velocity and distance covered along the flow path from Site 34 to the ditch, it would take several years for groundwater from Site 34 to discharge to surface water there. Groundwater samples from Site 34 revealed some localized lead and naphthalene contamination. However, Site 34 groundwater samples from downgradient wells displayed no contaminants other than alunimum, iron, and manganese, and soils contaminated with lead and naphthalene were subject to interim removal at the site.

Sediment Transport

The construction activities generally included the covering of site surface soils with clean fill, sod, concrete, asphalt paving, or buildings. OU6 has sandy soils, with a low silt content. During the investigation, little evidence of erosion or sedimentation near surface drainage features was seen in the site area. Transport of adsorbed contaminants to soil/sediment at OU6 is therefore of little consequence.

10.2.3 Receptor Evaluation

Two sediment samples were collected from the tile lined drainage ditch during Phase I of the investigation. One sample was collected upstream, adjacent Site 9, and the other was collected further downstream, adjacent Site 10. The Site 9 sample revealed copper, lead, zinc, benzo(a)pyrene, 4'4-DDT, and dieldrin above sediment screening values. The site 10 sample revealed lead, 4'4-DDD, 4'4-DDE, and 4'4-DDT above sediment screening values. Because of the likelihood of upstream input of contaminants, and their downstream transport, these constituents cannot be totally attributed to surface runoff from the OU6 sites. The pesticide concentrations are may be the result of mosquito control and surface application. The PAH concentration may be attributable to surface runoff/sedimentation from highly trafficked nearby

roads, or from base landscaping contractors, often seen removing vegetation from the ditch with gasoline powered weed trimmers. Paving and *sodding* within the site *area* also limits sedimentation transport from the area. In depth screening of Wetland 6, downstream wetlands, and Bayou Grande will take place during the Sites 40 and 41 investigations. These investigations should more thoroughly study the nature and extent of contaminati'on in the Wetland 6 and downstream areas, and confirm if the OU6 sites are sources contributing to potential contaminati'on *there.*

11.0 CONCLUSIONS AND RECOMMENDATIONS

The objective of this investigation was to identify the nature and extent of contamination in soil and groundwater at OU6. This section summarizes the investigation's findings and recommends subsequent remedial actions.

Historical records indicate that activities in the Chevalier Field area may have impacted the OU6 sites over the years. Site 9 was reportedly used as a dump between 1917 and the 1930s. In 1981, workers excavating a trench at Site 29 received burns when they came contact with an unknown substance. The substance was assumed to be from potential leak in the IWTP sewer line, which crossed the site. In 1984 at Site 34, approximately 45,000 gallons of a solvent/detergent mix leaked from piping that originated at the small tank farm north of Building 3557. It was believed that the spilled material might have penetrated beneath the concrete apron at the site, or migrated off-site via the unpaved drainage swale that leads west from the tank farm.

Subsurface stratigraphy across the OU6 area is consistent with previous NAS Pensacola studies, and generally consists of fine-to-medium grained quartz sand, varying in color, mixed with clayey silt, organics, limonite, and fragments of rock, gravel, oyster shell, asphaltic slag, etc., depending on location within the area. Apparently native fine- to medium-grained quartz sands are encountered beginning at the water table.

Groundwater in the uppennost part of the surficial zone of the Sand-and-Gravel Aquifer generally flows west in the southern portion of the site area, shifting to a west-&northwest flow in the northern portion of the area. Groundwater generally flows toward the concrete tile-lii draiige ditch which traverses the western edge of the area; however, there is an element of flow from Site 29 to the southeast.

The nature and extent discussion reflected current conditions in the site area. The OU6 area has been subject to extensive demolition and construction since the 1994 field investigation. Except for the extreme western portion of Site 9, the remainder of the site area has been covered by fill dirt, new construction, or landscaping. Prior to construction, areas of contaminated soil discovered during the field investigation were subject to interim removal. These soil removals mitigated tk severest areas of contaminated soil on each site (Site 9A is still pending removal in 1997 — removal report to be submitted as an addendum to the RI). The current conditions evaluation considered tk soil removals, and used the most up-to-date list of soil and groundwater PRGs. These newer PRGs examine subsurface leaching values for soil, as state/federal leachability standards arc now available, as well as tap water RBCs.

Approximately 60 parameters were detected in laboratory-analyzed samples, Consisting of heavy metals, cyanide, pesticides, PAHs, and non-chlorinated and chlorinated aromatic volatiles. Analytical data revealed the following results for each site:

- At Site 9, inorganic soil contamination appears to be aggregated in the west-central portion of tk site, concentrated in four borings (09S02, 09S18, 09S26, and 09S27). Most of this area has been redesignated as Site 9A (to be removed during 1997). PAH contamination appears to be concentrated in the same area, though some PAHs above PRGs were also found south of Site 9A at boring 09S17. The data results show a wide distribution of pesticides above SSLs or CGLs at Site 9. Most of the borings containing pesticides were located in sodded areas maintained by NAS Pensacola landscaping contractors, indicating that the low levels of pesticides encountered may be consistent with application. Notably, of the pesticides and PAHs found above standards m surface or subsurface soils at Site 9, none were detected above PRGs in site groundwater. Groundwater contamination was otherwise limited to inorganics above PRGs (aluminum, iron, and manganese). All groundwater aluminum and most iron concentratiom above PRGs ranged below the

reference concentrations for these analytes. A lead concentration found in a Phase I sample was not confirmed in a subsequent resampling effort.

a At Site 29, no inorganic constituents were found above PRGs in site soil samples. Organic soil contamination is limited to subsurface dieldrin in the northwest portion of the site. Though dieldrin was found in one Phase I groundwater sample, no dieldrin was confirmed in a second phase resampling from the same well. Groundwater contamination was otherwise limited to inorganics above PRGs (aluminum, iron, and manganese, along with one cyanide concentration). As with Site 9, groundwater aluminum and iron above PRGs at Site 29 tended to range below the reference concentrations for these constituents. Also, no soil cyanide source was verified at the site, and no history of this constituent exists where it was found. Also, there is no correlation between soil and groundwater concentrations of other inorganic constituents.

a At Site 34, no inorganic constituents were found above PRGs in site soil samples. Organic soil contamination is limited to scattered subsurface dieldrin at the site. This dieldrin contamination can be attributed to application and grading/backfilling/construction activities. Notably, dieldrin was not detected in site groundwater. Groundwater contamination included inorganics above PRGs (aluminum, iron, and manganese, along with one lead concentration). As with the other OU6 sites, groundwater aluminum and iron above PRGs ranged below the aluminum and iron reference concentrations. There is no correlation between soil and groundwater concentrations of aluminum, iron and manganese at this site. The groundwater sample from 34GS02 contained lead above PRGs. Lead was not detected in groundwater from the immediately adjacent deep well (34GM61); neither was lead detected in groundwater samples from downgradient monitoring wells (34GM53 and 30GS118 [OU2 well]). While the lead exceeding PRGs could be attributed to adsorption to a suspended particulate, it apparently affects only a small area of

groundwater and is sufficiently delineated for purposes of this report. Site 34 groundwater also displayed localized concentrations of naphthalene above PRGs, confirmed with second phase resampling. However, site soils around the wells in question, previously discovered to be contaminated with these same constituents, were subject to interim removal. No semivolatiles appeared above standards in confirmatory soil samples, and the source for this groundwater contamination should be considered removed.

The soil and groundwater contamination found at these sites is considered delineated for purposes of the RI. The main areas of soil contamination on each site, with the exception of Site 9A, were previously subject to interim removal. Soil contamination appears to be limited to scattered surface and subsurface soil dieldrin on Sites 9 and 29. The metals and PAH contaminated soils at Site 9A are scheduled for interim removal during 1997. Elsewhere at Site 9, soil contamination is limited to scattered surface and subsurface soil inorganics, PAHs, and pesticides.

Evaluation of remaining OU6 surface and subsurface soil contamination compared to groundwater contamination reveals that: (1) there are soil constituents above leachability-based preliminary remediation goals, but these same constituents are not repeated in the accompanying groundwater samples; (2) there are groundwater constituents above applicable standards, but they are not present in accompanying soil samples. Given the lack of the soil/groundwater analytical correlations, the empirical evidence indicates that leaching of constituents is not substantial nor significant. In the unlikely case where groundwater constituents above applicable standards were to be transported, the (potential) receptors are identified.

The primary receiving aquifer in the OU6 area is the surficial zone of the Sand-&-Gravel Aquifer. The primary surface water body receptors are the adjacent wetlands and Bayou Grande. Currently, groundwater in the surficial zone is not used for any purpose at NAS Pensacola. Elsewhere in southern Escambia County it is used after filtration, a treatment which would be

effective for constituents detected on the OU6 sites. Advective contaminant migration, coupled with the low concentrations of contaminants, retardation, mechanical dispersion, and chemical diffusion, would significantly reduce the impact of groundwater constituents on nearby surface waters.

The human health risk associated with exposure to environmental media at the OU6 sites was assessed for hypothetical fixture site residents. This assessment considered that extensive fill dirt from the onsite BRAC construction would cover parts of the site area, that known areas of contamination were subject to interim removal, and that the new construction would cover significant portions of these sites with fill, sod, pavement or buildings. Accordingly, a soil exposure scenario was considered unnecessary. As discussed in Section 10.1.7 of the BRA, the maximum groundwater concentrations reported for arsenic at Sites 9 and 29 do not exceed the ARAR, 0.05 mg/L (MCL/FPDWS). However, the risk posed by arsenic at Sites 9 and 34 (1E-4) exceeds the FDEP and USEPA point of departure (1E-6). Although the calculated risk exceeds the state/federal threshold, factors supporting a no-further action recommendation for groundwater are: (1) the relative absence of semivolatiles contamination in groundwater (except for naphthalene at Site 34); (2) the lack of correlation between soil and groundwater inorganic contamination in a comparison of reported concentrations to appropriate standards; and (3) Only the shallow zone at OU6 is contaminated, and its use would be restricted due to the probability of salt water intrusion.

Further delineation and assessment within the OU6 area is unwarranted. It is further recommended that the site area does not warrant the detailed evaluation of remedial alternatives associated with a feasibility study. No further action is recommended, along with a proposed plan leading to an interim record of decision for the OU6 sites.

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Appendix A

Soil boring/Monitoring Well Construction Logs

13.0 FLORIDA PROFESSIONAL GEOLOGIST SEAL

I have read and approve of this Final Remedial Investigation Report, NAS Pensacola OU6, and seal it in accordance with Chapter 492 of the Florida Statutes. In sealing this document, I certify the geological information contained in it is true to the best of my knowledge and the geological methods and procedures included herein are consistent with currently accepted geological practices.

Name:	Brian E. Caldwell
License Number:	#1330
State:	Florida
Expiration Date:	July 31, 1998

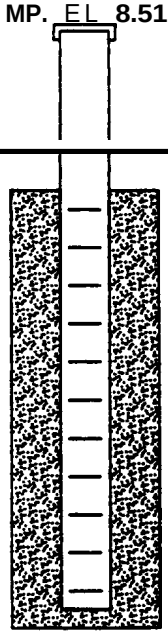
B Caldwell

Brian E. Caldwell

June 30. 1947

Date

Elevation: 5.26'	Logged By: Jeff Lunceford	Remarks: Temporary Well
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 09GR01	Completed Depth. 12.02'	
Total Depth: 12.50'		

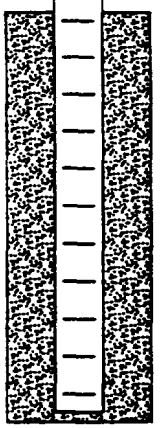
Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction MP. EL 8.51
0			Sand, silty f–med grained, lt tan to yellow bm Sand, SAA, wet @ 3' Sand, SAA	
	10		Sand, silty f–rned grained, gray to blk, organic rich (old fuel odor), saturated: LEL *309.*	
–10				SCREENED INTERVAL 1.52 – 10.52' BLS TOP OF (20–30) FILTER PACK .5' BLS BENTONITE SEAL 0–.5' BLS
	20			
–20				

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 3'4
NAS PENSACOM
PENSACOM, FL.

09GR01
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOM, FL.

DWG DATE: 03/08/95 | DWG NAME 7029LG1

Elevation: 5.31'	Logged By: A.K. Jacobs	Remarks: Temporary Well
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 09GR02	Completed Depth: 11.72'	
Total Depth: 12.00'		

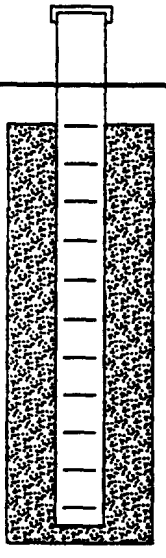
Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction MP. EL 6.82
0	10		Soil, drk sitty clayey sand w/roots & gravel 0–4"––sand, f–med, gray w/ gravel 4–8"––sand, f–med w/ tr gravel(concrete), ton Sand, f–med grained. grayish white, tr gravel(concrete) Sand, running into debris(concrete) O 4' moved rig south 3': broke through debris into silty sand, drk gray no odor pulled out tie down wire	 SCREENED INTERVAL 1.37 –11.37' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0–.5' BLS
–20	20			

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

09GR02
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG2

Certified By: B. Caldwell	Contractor: Layne Drilling
Drilling Method Hollow Stern Auger	
Identification: 09GR03	Completed Depth: 11.52'
Total Depth: 12.00'	

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction MP. EL. 6.73
0			Soil, silty, drk brn Sand, f–med grained, med to drk brn, wet @ 3'	
	10		Sand, silty f–med grained, appears organic rich. saturated	
–10				SCREENED INTERVAL 1.02 – 11.02' BLS TOP OF (20–30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
	20			
–20				

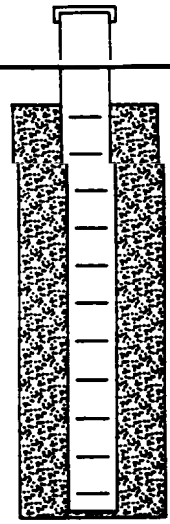
REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

09GR03
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG3

Elevation: 5.70'	Logged By: A.K. Jacobs	Remarks: Temporary Well
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 09GR04	Completed Depth: 11.87'	
Total Depth: 12.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	W C Construction MP. ET 7.17
			Soil, clayey sand, drk brn w/ limonitic streaks, tr clay balls	
			Sand, f–med grained, white w/ drk streaks, saturated	
0				
			Sand, f–med grained, tanish gray, saturated	
	10			
–10				
	20			
–20				



SCREENED INTERVAL 1.37 –11.37' BLS
TOP OF (20–10) FILTER PACK .5' BLS
BENTONITE SEAL 0–.5' BLS

REMEDIAL INVESTIGATION REPORT
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NAS PENSACOLA
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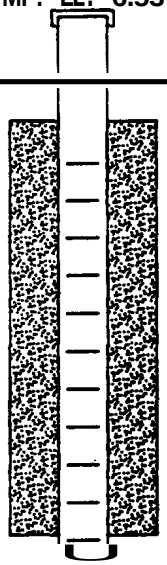
09GR04
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG4

Elevation: 4.86'	Logged By: A.K. Jacobs	Remarks: Temporary Wel
Certified By: B. Caldwell	Contractor; Layne Drilling	
Dr		
Ide		
To		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Wel Construction MP. EL. 6.53
0			Soil, drk brn sandy loam Sand, f–med grained, tan w/ tr limonitic staining, saturated 0 2'	
	10			
–10				SCREENED INTERVAL 2.13 –12.13' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0–.5' BLS
	20			
–20				

REMEDIAL INVESTIGATION REPORT
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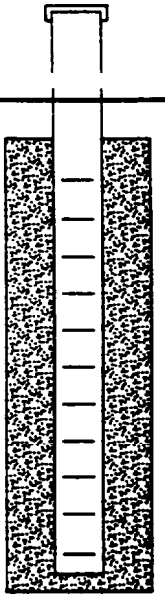
PENSACOLA, FL.

09GR05
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG5

Elevation: 7.11'	Logged By: A.K. Jacobs	Remarks: Temporary Well
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 09GR06	Completed Depth: 12.58'	
Total Depth: 13.00'		

		Material Description	Well construction MP. EL 9.54
0		Soil. silty sand, drk brn w/ roots 0–2"––sand, f–med grained. brnish gray w/ tr roots	
		Sand. SAA, limonitic w/ tr silt 0–4"––sand, SAA, drk bm, no odor btm wet 4–16	
		Sand. SAA, lt tan to lt bmish green. wet	
	10	Sand, f–mad grained, lt gray to tan, saturated	
–10			SCREENED INTERVAL 2.08 –12.08' BLS TOP OF (20–30) FILTER PACK .5' BLS BENTONITE SEAL 0–.5' BLS
	20		
–20			



REMEDIAL INVESTIGATION REPORT
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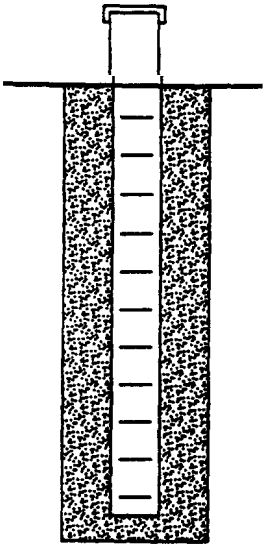
09GR06
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG6

E	
Certified By: B. Caldwell	Contractor: Layne Drilling
Drilling Method Hollow Stem Auger	
Identification: 09GR07	Completed Depth 11.32'
T	

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction
0	10		Soil, clayey sand, drk brn limonitic 0–7"––sand, f–med grained, white Sand. SAA 0–4"––sand, SAA, wet Sand, f–rned grained, whitish gray to tan, saturated	MP. EL 7.76 SCREENED INTERVAL .82 –10.82' BLS TOP OF (20–30) FILTER PACK .5' BLS BENTONITE SEAL 0–.5' BLS
–10	20			
–20				



REMEDIAL INVESTIGATION REPORT
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NAS PENSACOLA
PENSACOLA, FL.

09GR07
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG7

Elevation: 5.47'	Logged By: Jeff Lunceford	Remarks: Temporary Well
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 09GR08	Completed Depth: 11.63'	
Total Depth: 12.50'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction MP. EL. 7.56
			Soil, silty sand. drk brn Soil SAA 0–6" ––sand, f–med grained. It tan, wet O 3'	
0			Sand, f–med grained, bm, saturated	
	10			
–10				
	20			SCRE IN F 1.13 –11.13' BLS TOP OF (20–30) FILTER PACK .5' BLS BENTONITE SEAL 0–.5' BLS
–20				

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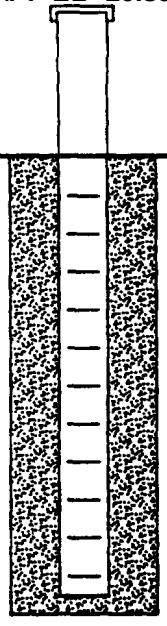
09GR08
WELL CONSTRUCTION
NAS PENSACOIA
PENSACOIA, FL

DWG DATE: 03/08/95 | DWG NAME: 7029LG8

Elevation: 6.58'	Logged By: A.K. Jacobs	Remarks: Temporary Well
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 09GR09	Completed Depth: 11.57'	
Total Depth: 12.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction
			Soil, silty sand. drk reddish brn	MP. EL 10.39
			SAA, w/ stingers of lt tan and orange sand f–med grained w/ oyster shells, wet @ 3'	
0			Sand, f–med grained, lt tan, saturated	
	10			
–10				SCREENED INTERVAL 1.07 –11.07' BLS
	20			TOP OF (20–30) FILTER PACK .5' BLS
				BENTONITE SEAL 0–.5' BLS
–20				



REMEDIAL INVESTIGATION REPORT
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NAS PENSACOLA
PENSACOLA, FL.

09GR09
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG9

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 05/18/94

SURFACE CONDITIONS– GRASS COVERED LEVEL LAND SURFACE W/ SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	HA			SP	0–1' BLS TAN TO BROWN FINE TO MEDIMUM GRAINED QUARTZ SAND
	HA			SP	1–3' BLS SAME SAND AS ABOVE BECOMING BUFF WHITE o APPROX. 2.8' BLS. (SP)
5	HA			SP	3–4' BLS SAME BUFF WHITE QUARTZ SAND AS ABOVE. WET AT 4' BLS. B.O.H.
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KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOIA
PENSACOLA, FLORIDA

BORING

09S10

DATE:03/08/95 | DWG NAME 70BL910

DESCRIPTIDN OF SUBSURFACE MATERIALS

BORING DATE: 05/18/94

SURFACE CONDITIONS– LEVEL. GRASS COVERED SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	HA			SP	0–1' BLS TAN TO BROWN FINE TO MEDIUM GRAINED QUARTZ SAND
	HA			SP	1–3' BLS MED BROWN QUARTZ SAND AS ABOVE
5	HA			SP	3–4' BLS SAME AS ABOVE. WET AT 4 BLS
					B.O.H.
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KEY

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REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOM, FLORIDA

BORING

09S11

DATE 03/08/95

DWG NAME: 70BL911

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	DESCRIPTION OF SUBSURFACE MATERIALS
					BORING DATE: 05/18/94
SURFACE CONDITIONS– GRASS COVERED LEVEL LAND SURFACE W/ SANDY SOIL					
				SP/SM	0–1' BLS UGHT TAN SILTY SAND. FINE TO MEDIUM GRAINED.
				SP/SC	1–3' BLS SAME UGHT TAN SAND AS ABOVE BECOMING. MEDIUM BROWN AT 2' BLT WITH OCCASIONAL DARK GRAY CLAYEY FRAGMENTS.
	HA			SP	3–4' BLS SAME BROWN SAND AS *ABOVE*. WET AT 4' BLS. B.O.H.
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KEY

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H.A. – SAMPLE COLLECTED WITH HAND AUGER

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BORING

09S12

DATE:03/08/95 DWG NAME 70BL912

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **05/18/94**

SURFACE CONDITIONS– GRASS COVERED LEVEL LAND SURFACE W/ SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	HA			SP/SM	0–1' BLS LIGHT TAN TO LIGHT GRAY SILTY QUARTZ SAND.
	HA			SP	1–3' BLS SAME MEDIUM BROWN SAND AS ABOVE BECOMING LIGHT TAN WITH CRUSTY DARK GRAY FRAGMENTS *(COAL?)* AT 2' BLS.
5					
	HA			SP	3–4' BLS SAME UGHT TAN QUARTZ SAND AS ABOVE. WET AT 4' BLS. B.O.H. NO OVA READING AVAILABLE. NO ODORS NOTED IN SAMPLE.
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KEY

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B.O.H. – BOTTOM OF HOLE
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REMEDIAL INVESTIGATION REPORT
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PENSACOLA, FLORIDA

BORING
09S13

DATE: 03/08/95 | DWG NAME 70BL913

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 05/18/94

SURFACE CONDITIONS– SCRUBBY GRASS COVERED SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	HA			SP	0–1' BLS LIGHT TAN FINE TO MEDIUM GRAINED QUARTZ SAND BECOMING BUFF WHITE AT 1' BLS.
5	HA			SP	1–3' BLS BUFF WHITE QUARTZ SAND AS ABOVE. WET AT 3' BLS. B.O.H. NO OVA READINGS AVAILABLE NO ODORS NOTED.
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KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
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PENSACOM, FLORIDA

BORING
09S14

DATE:03/08/95 | DWG NAME: 70BL914

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 05/19/94

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
SURFACE CONDITIONS- GRASSY LEVEL LAND SURFACE					
	HA			SP	0-1' BLS LIGHT TAN TO LT. GRAY SILTY QUARTZ SAND FINE TO MED GRAINED.
5	HA			SP	1-3' BLS LT. TAN TO BUFF WHITE QUARTZ SAND F. MED.GRAINED. WET AT APPROXIMATELY 3' BLS. B.O.H. NO ODORS NOTED.
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KEY

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B.L.S. - BELOW LAND SURFACE
B.O.H. - BOTTOM OF HOLE
H.A. - SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
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BORING

09S15

DATE: 03/08/95

DWG NAME: 70BL915

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	DESCRIPTION OF SUBSURFACE MATERIALS
					BORING DATE: 05/19/94
SURFACE CONDITIONS– GRASS COVERED LAND SURFACE					
	HA			SP/SM	0–1' BLS UGHT TAN SILTY QUARTZ SAND. FINE TO MEDIUM GRAINED WITH FRAGMENTS OYSTER SHELL AND ROCK FRAGMENTS.
5	HA			SP	1–3' BLS UGHT TAN TO BROWN FINE TO MEDIUM GRAINED QUARTZ SAND BECOMING LIGHT GRAY MOTTLED WITH BROWN SAND AT 2' BLS AND BUFF WHITE SAND AT 2.5' BLS. WET AT 3' BLS. B.O.H. BORE HOLE EXHIBITED 40.0 PPM READING BUT 0 PPM FROM SAMPLING.
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KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
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PENSACOM, FLORIDA

BORING

09S16

DATE:03/08/95 | DWG NAME: 70BL916

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **05/19/94**

SURFACE CONDITIONS– GRASS COVERED LEVEL LAND SURFACE

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	HA			P/ EM	0–1' BLS BROWN SILTY QUARTZ SAND WITH OYSTER SHELL AND ROCK/GRAVEL FRAGMENTS (OBVIOUS FILL MATERIAL) BECOMING LIGHT TAN AT 1' BLS.
5					
	HA			'P/ EM	1–3' BLS LIGHT TAN SAND AS ABOVE WITH FRAGMENTS GRAVEL FRAGMENTS. FROM APPROXIMATELY 1.5' TO 2.5' BLS. CRUSHED ASPHALITIC/ SLAG MATERIAL MIXED WITH SANDY SOIL. LIGHT TAN QUARTZ SAND AGAIN FROM 2.5' TO 3' BLS BECOMING DARK GRAY AND WET AT 3' BLS. (NEAR ???? LOW ARE4 – LIKELY METHANE). B.O.H.
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KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
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B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
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BORING

09S17

DATE. 03/08/95 | DWG NAME 70BL917

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	DESCRIPTIUN OF SUBSURFACE MATERIALS
					BORING DATE: 05/23/94
SURFACE CONDITIONS— LEVEL ASPHALT PAVED SURFACE 3/4" THICK					
	HA			SP/SM	0—1' BLS LIGHT TAN TO DARK BROWN SILTY QUARTZ SAND WITH CRUSTY MATERIAL COMPOSED OF RUSTED METALIC DEBRIS AND ROCK. BRICK. AND GLASS FRAGMENT5 (FILL MATERIAL).
5					
	HA			SP/SM	1—3' BLS SAME AS ABOVE, VERY CRUSTY BURNED RESIDUE INTERVAL CONTAINING ROCK. GLASS, COAL, SLATE, AND METALIC DEBRIS. WET AT 3' BLS OVA READING FROM BOREHOLE 100 PPM. B.O.H.
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KEY

(SP) — UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. — BELOW LAND SURFACE
B.O.H. — BOTTOM OF HOLE
H.A. — SAMPLE COLLECTED WITH HAND AUGER

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BORING

09S18

DATE: 05/08/95 | DWG NAME 70BL918

DESCRIPTIDN DF SUBSURFACE MATERIALS

BORING DATE: 05/19/94

SURFACE CONDITIONS– GRASS COVERED LAND SURFACE

HA			SP/SM	0–1' BLS LIGHT TO MEDIUM GRAY SLIGHTLY SILTY QUARTZ SAND. FINE TO MEDIUM GRAINED.
HA			SP	1–3' BLS MED GRAY SLIGHTLY SILTY SAND AS ABOVE. WET AT 2.5' BLS. B.O.H. OVA READING AT WATER TABLE LIKELY METHANE DUE TO NEARBY LOW AREA/CREEK. 0 PPM READING FROM SAMPLES.

5 10 15 20 25 30 35 40 45 50

KEY

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B.L.S. – BELOW LAND SURFACE
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BORING

09S19

DATE: 03/08/95 | **DWG NAME: 70BL919**

(FEET)	TYPE	RECOVERY	PEN. RESIST.	USCS	DESCRIPTION OF SUBSURFACE
					SURFACE CONDITIONS— LEVEL ASPHALT PAVED SURFACE 3/4" THICK
	HA			SP/SH	0–1' BLS WHITE TO TAN FINE TO MEDIUM GRAINED QUARTZ SAND INTERMIXED WITH PEBBLES AND SHELL MATERIAL.
	HA			SP/SH	1–2' BLS WHITE TO BUFF FINE TO MEDIUM GRAINED QUARTZ SAND WET AT 2' BLS. B.O.H.
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KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
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PENSACOIA. FLORIDA

BORING
09S20

DATE: 03/08/95 | DWG NAME: 70BL920

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 09/12/94

SURFACE CONDITIONS– LEVEL ASPHALT PAVED SURFACE 3/4" THICK

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	HA			SP/SM	0–1' BLS WHITE TO TAN FINE TO MEDIUM GRAINED QUARTZ SAND.
	HA			SP/SM	1–2' BLS WHITE FINE TO MEDIUM GRAINED QUARTZ SAND. WET AT 2' BLS. B.O.H.
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KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

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PENSACOLA, FLORIDA

BORING

09S21

DATE 03/08/95 | DWG NAME 70BL921

DESCRIPTIUN OF SUBSURFACE MATERIALS

BORING DATE: 12/07/94

SURFACE CONDITIONS— GRASS COVERED SANDY SOIL

	HA			SP/SM	0—1 BLS — DARK BROWN HUMIC RICH SILTY QUARTZ SAND MIXED WITH GRAVEL FRAGMENTS FROM APPROXIMATELY 0.5' TO 2.5' BLS.
5	HA			SP/SM	1—5' BLS — UGM TAN MEDIUM TO COARSE GRAINED QUARTZ SAND BECOMING VERY UCM GRAY SAND AT THE WATER TABLE. WET AT 3' BLS. B.O.H.
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KEY

(SP) — UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. — BELOW LAND SURFACE
B.O.H. — BOTTOM OF HOLE
H.A. — SAMPLE COLLECTED WITH HAND AUGER
S.S. — SPLIT SPOON SAMPLE

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOM, FLORIDA

BORING
09S24

DATE: 03/15/95 | DWG NAME: 708L924

DESCRIPTIGN OF SUBSURFACE MATERIALS

BORING DATE: **12/09/94**

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL		
SURFACE CONDITIONS– GRASS COVERED SANDY SOIL						
	HA			SP/SM	0–1 BLS	DARK BROWN HUMIC RICH SILTY QUARTZ SAND MIXED WITH GRAVEL FRAGMENTS FROM APPROXIMATELY 0.5' TO 2.5' BLS.
5	HA			SP/SM	1–3' BLS	LIGHT TAN MEDIUM TO COARSE GRAINED QUARTZ SAND BECOMING VERY LIGHT GRAY SAND AT THE WATER TABLE. WET AT 3' BLS. B.O.H.
10						
15						
20						
25						
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35						
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45						
50						

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
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S.S. – SPLIT SPOON SAMPLE

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOIA, FLORIDA

BORING
09S26

DATE. 03/15/95 | DWG NAME 70BL926

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	DESCRIPTION OF SUBSURFACE MATERIALS
					BORING DATE: 12/09/94
SURFACE CONDITIONS— GRASS COVERED SANDY SOIL					
	HA			SP/SM	0–3' BLS DARK BROWN MEDIUM GRAINED SAND MIXED WITH ASPHALT CHUNKS, NAILS. WOOD FRAGMENTS. WET AT 3' BLS. MATERIAL EXHIBITED A TAR ODOR. B.O.H.

5
10
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KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
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S.S. – SPLIT SPOON SAMPLE

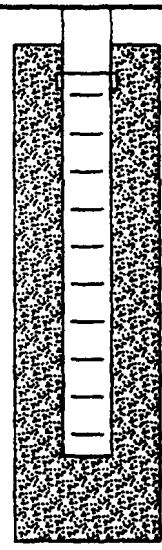
REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOIA
PENSACOIA, FLORIDA

BORING
09S27

DATE: 03/15/95 | DWG NAME: 70BL927

Elevation: 8.34'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cut 1.3 feet concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR01	Completed Depth: 11.92'	
Total Depth: 14.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction
			Sond. f-med grained, tanish gray-groy, moist Sand, f-med grained w/tr. gravel and .01" reddish silty layer, moist not soturoted. SAA, saturated. Sand, f-med grained, tanish gray, saturated.	T.O.C. EL. 7.86
	10			
-10				SCREENED INTERVAL 1.42 -11.42' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
	20			
-20				



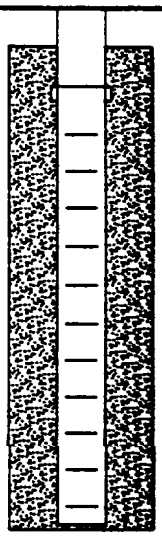
REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

29GR01
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG10

Elevation: 8.81'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cored 14.5-in of concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR02	Completed Depth: 13.86'	
Total Depth: 14.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Mated ———	Well Construction MP. EL. 8.24
			Sand, f-med grained. tan. dry Sand, f-med grained brnish gray w/ tr. gravel & organics 0-12" sand, f-med grained, whitish gray 12-20" Sand, f-med grained whitish gray w/ tr. ton streaks, dry 0-10" sand, SAA, moist w/ a 1" black sand layer O 16"	
0	10		Sand, f-med. white, saturated	
-10	20			SCREENED INTERVAL 3.36 -13.36' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
-20				



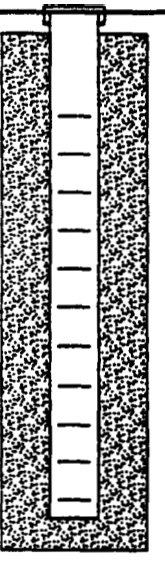
REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

29GR02
WELL CONSTRUCTION
NAS PENSACOM
PENSACOM, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG11

Elevation: 8.73'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cored 1.6-feet of concrete w/ 8-in diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR03	Completed Depth: 13.08'	
Total Depth: 14.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction
			Sand, f-med grained. tanish bm w/ cement mat. from concrete Sand, f-med grained. bm w/ bumt looking mat. 0-4" sand, SAA, whitish tan, dry 4-26 Sand, vf grained, white to gray 0-2"--sand, f-med, bm w/ bumt mat 2-4"--sand, f-med. white 4-12, saturated O 4'	MP. EL 8.78
0	10		Sand, f-med grained, white, saturated	SCREENED INTERVAL 2.58 -12.58' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
-10	20			
-20				

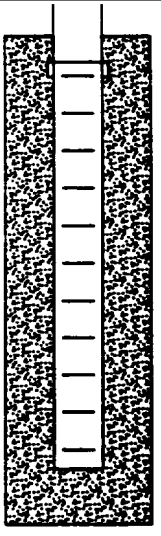


REMEDIAL INVESTIGATION REPORT
SITES 9. 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

29GR03
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG12

Elevation: 8.27'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cored 16-in. of concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR04	Completed Depth: 12.46'	
Total Depth: 14.00'		

Elevation (ft)	D Depth (ft)	Graphlog	Material Description	Well Construction MP. EL 8.20
			Sand, f-med grained, lt. brn w/ block organics	
			Sand, SAA, 0-2"--Clayey sand brn. w/ black organics 2-8"--sand, limonitic, mixed w/ clay 8-10"--sand, f-mad. brn w/ tr. limonite & organics 10-24"	
			Sand, f-med grained, drk gray to grayish brn w/ tr pea gravel 0-lb--sand, SAA, gray w/ tr pea gravel 10-22"--sand, SAA, white, saturated 22-24	
0				
	10		Sand, f-med grained, grayish white. saturated	
-10				SCREENED INTERVAL 1.96 -11.96' BLS
	20			TOP OF (20-30) FILTER PACK .5' BLS
				BENTONITE SEAL 0-.5' BLS
-20				

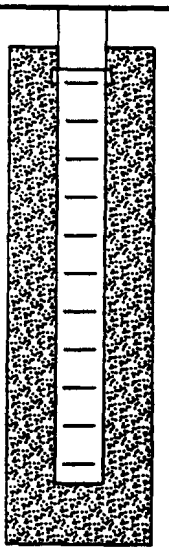
REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

29GR04
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG13

Elevation: 7.90'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cored 16-in. concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR05	Completed Depth: 12.46'	
Total Depth: 14.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction MP. EL 7.56
			Sand, f-med grained, tt bm, dry	
			Sand, SAA, grayish tan w/ interlayer orange silty layers 1 to 2" thick btm 4" composed of 2" clay + 2" sand, white, saturated	
0				
	10		Sand, f-med grained, grayish white, saturated	
-10				SCREENED INTERVAL 1.96 -11.96' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
	20			
-20				

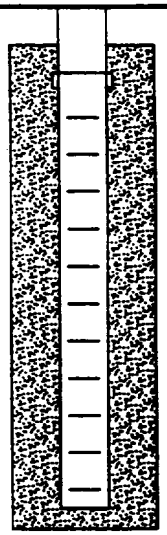


REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

29GR05
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG14

Elevation: 7.47'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cored 15-in. concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR06	Completed Depth: 13.43'	
Total Depth: 14.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction MP. EL 7.33
			Sand, f-med grained, white w/ 3 .2 to 1' silty clay streaks	
			Sand, SAA, w/ 2" silty clay layer O top, saturated O 2'	
0				
	10		Sand. f-med grained, white. saturated	
-10				SCREENED INTERVAL 2.93 -12.93' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
	20			
-20				

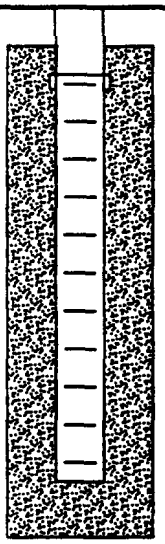
REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

29GR06
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG15

Elevation: 7.16'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cored 1.5-feet concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR07	Completed Depth: 12.59'	
Total Depth: 14.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction
			Sand, f-med grained, orange w/ asphaltic mat.	MP. EL 6.63
			Sand, SAA, gray w/ orange matrix & asphaltic mat. + gravel 0-4"--sand, SAA, whitish gray 4-20", wet @ 2'	
0				
	10		Sand, f-med grained, whitish gray to tanish gray, saturated	
-10				SCREENED INTERVAL 2.09 -12.09' BLS
	20			TOP OF (20-30) FILTER PACK .5' BLS
				BENTONITE SEAL 0-.5' BLS
-20				



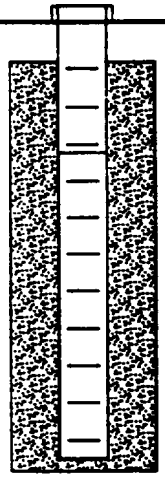
REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOM, FL.

29GR07
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 DWG NAME 7029LG16

Elevation: 7.22'	Logged By: Jeff Lunceford	Remarks: Temoporary Well
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR08	Completed Depth: 11.72'	
Total Depth: 12.00'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction
			Sand, f–med grained w/ brn silty soil mat	MP. EL. 10.64
			Sand, SAA, tan to brn, moist	
0			Sand, f–med grained, tan to brn saturated @ 3.5' w/ a 3" drk brn silt layer @ 4', becoming tan from 5' to TD	
	10			
–10				SCREENED INTERVAL 1.22 –11.22' BLS TOP OF (2(1-30) FILTER PACK .5' BLS BENTONITE SEAL 0–.5' BLS
	20			
–20				

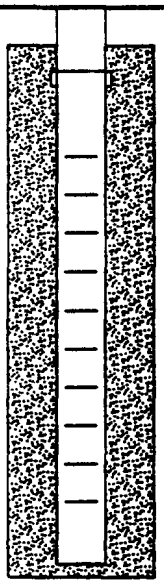


REMEDIAL INVESTIGATION REPORT
SITES 9. 29 & 34
NAS PENSACOIA
PENSACOM. FL.

29GR08
WELL CONSTRUCTION
NAS PENSACOM
PENSACOM. FL.

DWG DATE: 03/08/95 | DWG NAME 7029LG17

Elevation: 8.52'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cored 1.5-feet concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 29GR09	Completed Depth: 14.53'	
Total Depth: 15.00'		

Elevation (ft)	Depth (ft)	EC Log	Material Description	Well Construction MP. EL 7.77
			Sand, f-med grained, reddish brn w/ brn silty streaks, tr organics Sand, SAA, tan w/ brn streaks 0-8"--sand, SAA grayish white to white 8-22" Sand, SAA, grayish white, saturated @ 4'	
0	10		Sand, f-med grained, whitish gray, saturated	
-10	20			SCREENED INTERVAL 4.03 -14.03' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
-20				

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

29GR09
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7029LG18

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **05/24/94**

SURFACE CONDITIONS— LEVEL CONCRETE PAVED SURFACE 18"–20" THICK

DEPTH (FEET)	SAMPLE TYP	% RECOVERY	BLOWS/FT.	USCS SYMBOL		
	HA			SP	0–1' BELOW CONCRETE	UGHT TAN TO BROWN QUARTZ SAND, FINE TO MEDIUM GRAINED
5	HA			SP	1–3' BELOW CONCRETE	SAME UGHT TAN SAND AS ABOVE NO ODORS OR SIGNS OF CONTAMINATION WET AT 3' BELOW CONCRETE. APPROX. 5' BLS B.O.H.
10						
15						
20						
25						
30						
35						
40						
45						
50						

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING

29S10

DATE: 03/08/95

DWG NAME: 70BL2910

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 05/24/94

SURFACE CONDITIONS– LEVEL CONCRETE PAVED SURFACE 18"–20" THICK

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL		
	HA			SP	0–1' BELOW CONCRETE	LIGHT TAN TO BROWN. FINE TO MEDIUM GRAINED QUARTZ SAND (SP)
5						
	HA			SP	1–3' BELOW CONCRETE	SAME LIGHT TAN SAND (SP) AS ABOVE WITH OCCASIONAL DARK GRAY CRUSTY NODULES (ASPHALT ?) WET AT APPROX. 3' BELOW CONCRETE (3' BLS). B.O.H.
10						
15						
20						
25						
30						
35						
40						
45						
50						

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOIA
PENSACOM, FLORIDA

BORING
29S11

DATE: 03/08/95 | DWG NAME: 70BL2911

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	DESCRIPTION OF SUBSURFACE MATERIALS
					BORING DATE: 05/24/94
SURFACE CONDITIONS— LEVEL CONCRETE PAVED SURFACE 12" – 14" THICK					
	HA			SP/SM	0–1' BELOW CONCRETE — MED BROWN SLIGHTLY SILTY FINE TO MEDIUM GRAINED QUARTZ SAND
5	HA			SP/SM	1–3' BELOW CONCRETE — MEDIUM BROWN SAND AS ABOVE BECOMING LIGHT TAN TO BUFF WHITE AT 2' BELOW CONCRETE AND WET AT 3' BELOW CONCRETE (= 4.5' BLS) B.O.H.
10					
15					
20					
25					
30					
35					
40					
45					
50					

KEY

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B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
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REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING
29S12

DATE:03/08/95 | DWG NAME: 70BL2912

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **05/24/94**

SURFACE CONDITIONS– LEVEL CONCRETE PAVED SURFACE 16" THICK

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL		
	HA			SP/SM	0–1' BELOW CONCRETE	MEDIUM BROWN SLIGHTLY SILTY FINE TO MEDIUM GRAINED QUARTZ SAND
	HA			SP	1–3' BELOW CONCRETE	SAME MEDIUM BROWN SAND AS ABOVE WITH DARK BROWN SILTY CRUSTY INTERVAL FROM 1.5' TO 2.0' BELOW CONCRETE, THEN TAN TO LIGHT TAN QUARTZ SAND FROM 2.0' – 3.0' BELOW CONCRETE SAND BECOMING LIGHT TAN TO BUFF WHITE (SP) AT 3' BELOW CONCRETE (= 4.5' BLS) AND WET. B.O.H.

5, 10, 15, 20, 25, 30, 35, 40, 45, 50

KEY

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REMEDIAL INVESTIGATION REPORT
SITES 9. 29 & 34
NAS PENSACOIA
PENSACOLA, FLORIDA

BORING
29S13

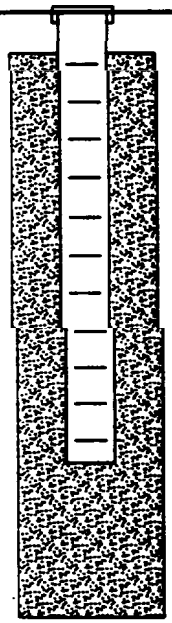
DATE: 03/08/95 | DWG NAME: 70BL2913

Elevation: 9.78'	Logged By: A.K. Jacobs	Remarks: Temporary Well Cut 1.3 feet concrete w/ 8-in. diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 34GR01	Completed Depth: 16.24'	
Total Depth: 16.50'		

Elevation (ft)	Depth (ft)	Graphic Log	Material Description
			Sand, f–med grained, tan with silty orange streaks.
			Same as above to 6 ft. bls. Sand, f–med grained, *Gray*
0			Same as above to 10 ft. bls.
	10		Sand, Same a: above except for color change to tan, moist
			Same sand as above. Gray to-tan in color with occasional orange clayey streaks.
–10			
	20		
–20			

Well Construction

T.O.C. EL **10.00**



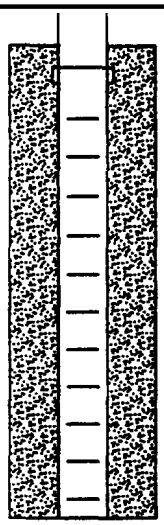
SCREENED INTERVAL
5.74 –15.74' BLS
TOP OF
(20–30)
FILTER PACK
.5' BLS
BENTONITE
SEAL
0–.5' BLS

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

34GR01
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/08/95 | DWG NAME: 7034LG01

Elevation: 8.80'	Logged By: Jeff Lunceford	Remarks: Temporary well Cored 12-in of concrete w/ E-diamond bit
Certified By: B. Caldwell	Contractor: Layne Drilling	
Drilling Method: Hollow Stem Auger		
Identification: 34GR02	Completed Depth: 15.00'	

Elevation (ft)	Depth (ft)	Graphic Log	Material Description	Well Construction T.O.C. EL. 8.03
			Sand, f-med grained. lt tan Sand, SAA, lt tan to orange, w/ tr clay @ 3' Sand, SAA, w/ orange clayey sand fill w/ brown mottled fill 3-3.2'--sand, SAA, buff white Sand, f-med grained, buff white. wet @ 6'	
0	10		Sand. f-med grained, med gray, saturated, sl solvent odor	SCREENED INTERVAL 4.50-14.50' BLS TOP OF (20-30) FILTER PACK .5' BLS BENTONITE SEAL 0-.5' BLS
	20			

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FL.

34GR02
WELL CONSTRUCTION
NAS PENSACOLA
PENSACOLA, FL.

DWG DATE: 03/09/95 | DWG NAME: 7029LG19

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **05/23/94**

SURFACE CONDITIONS– GRASS COVERED SILTY SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOW	USCS		
	HA			SP	0–1' BLS	TAN SILTY QUARTZ SAND, FINE TO MEDIUM GRAINED
	HA			SP/SM	1–3' BLS	SAME TAN SAND BECOMING DARK BROWN AT 2.5' BLS
5	HA			SC/SP	3–5' BLS	SAME DARK BROWN SILTY SAND BECOMING ORANGE SLIGHTLY CLAYEY SAND AT 3.1' BLS THEN BACK TO UGHT TAN QUARTZ SAND TO 5' BLS. WET AT 5' BLS
10						
15	CUTTINGS			2.5	8–14' BLS	MEDIUM GRAY FINE TO MEDIUM GRAINED QUARTZ SAND BECOMING DARK BROWN AT APPROX. 10' BLS TO B.O.H.
20						
25						
30						
35						
40						
45						
50						

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
S.S. – SPLIT SPOON SAMPLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9. 29 & 34
NAS PENSACOLA
PENSACOLA. FLORIDA

BORING

34S04/34GS01

DATE: 03/09/95

DWG NAME 70BL341

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 02/07/94

SURFACE CONDITIONS– SILTY SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	SS			SP/SM	0–1' BLS BROWN TO REDDISH ORANGE TO TAN SILTY CLAYEY QUARTZ SAND. FINE TO MEDIUM GRAINED.
5	SS			SP/SM	1–3' BLS SAME AS ABOVE. WET AT 3' BLS B.O.H.
10					
15					
20					
25					
30					
35					
40					
45					
50					

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
S.S. – SPLIT SPOON SAMPLE.

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING

34S03

DATE: 03/09/95

DWG NAME: 70BL343

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **05/23/94**

SURFACE CONDITIONS— GRASS COVERED SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL		
	HA			SP	0–1' BLS	TAN TO BROWN FINE TO MEDIUM GRAINED QUARTZ SAND.
5	HA			SP	1–3' BLS	BROWN FINE TO MEDIUM GRAINED QUARTZ SAND WET AT 3' BLS B.O.H.
10						
15						
20						
25						
30						
35						
40						
45						
50						

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING
34S05

DATE:03/09/95 | DWG NAME 70BL345

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **05/23/94**

SURFACE CONDITIONS– LEVEL CONCRETE PAVED SURFACE = 18 INCHES

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	CUTTINGS RETURN			SP	1.5–5' BLS UGHT TAN QUARTZ SAND FINE TO MEDIUM GRAINED.
	RETURN			SC, SP	5–10' BLS TAN TO REDDISH BROWN SLIGHTLY SILTY CLAYEY SAND (FILL MATERIAL) BECOMING WET AT APPROX 7.5' BLS.
				SP	10–18' BLS MEDIUM BROWN SATURATED FINE TO MEDIUM GRAINED QUARTZ SAND.
15			9	CH	
20	SS	75	9	CH	
25	SS	75	9	CH	
			9	CH	
35					
40					
45					
50					

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING

34S06/34GS02

DATE: 03/09/95

DWG NAME: 70BL346

DESCRIPTIUN OF SUBSURFACE MATERIALS

BORING DATE: 05/23/94

SURFACE CONDITIONS— LEVEL CONCRETE SURFACE APPROX. 14 INCHES THICK

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLW/S/FT.	USC SYMBOL		
	HA			SP	1–2' BLS	UGHT TAN FINE TO MEDIUM GRAINED QUARTZ SAND.
5	HA			SP	2–4' BLS	SAME UGHT TAN SAND BECOMING BROWN FINE TO MEDIUM GRAINED SAND AT 3' BLS THEN BACK TO UGHT TAN/BUFF WHITE QUARTZ SAND AT 4' BLS.
10	HA			SP	4–6' BLS	SAME UGHT TAN SAND AS ABOVE.
	HA			SP	6–8' BLS	SAME UGHT TAN SAND AS ABOVE WET AT 7.8' BLS B.O.H.
15						
20						
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35						
40						
45						
50						

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SMS 9, 29 & 34
NAS PENSACOIA
PENSACOM, FLORIDA

BORING

34S07

DATE: 03/09/95 DWG NAME 70BL347

DESCRIPTION OF SUBSURFACE MATERIALS

BORING **DATE: 12/07/94**

SURFACE CONDITIONS– GRASS COVERED SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
	HA			SP	0–1' BLS CONCRETE 1–3' BLS ORANGE WELL SORTED MEDIUM GRAINED QUARTZ SAND MIXED WITH WOOD FRAGMENTS, STYROFOAM PIECES AND PEBBLES. DAMP AT 3' BLS. B.O.H.
5					
10					
15					
20					
25					
30					
35					
40					
45					
50					

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER
S.S. – SPLIT SPOON SAMPLE

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING
34S08

DATE: 03/10/95 | DWG NAME: 70BL3408

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: **12/07/94**

SURFACE CONDITIONS– GRASS COVERED SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	USCS SYMBOL	
					0–1' BLS CONCRETE
	HA			SP	1–3' BLS ORANGE WELL SORTED MEDIUM GRAINED QUARTZ SAND MIXED WITH WOOD FRAGMENTS. STYROFOAM PIECES AND PEBBLES. DAMP AT 3' BLS. B.O.H.
5					
10					
15					
20					
25					
30					
35					
40					
45					
50					

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
HA – SAMPLE COLLECTED WITH HAND AUGER
S.S. – SPLIT SPOON SAMPLE

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING

34S09

DATE:03/10/95 | DWG NAME: 70BL3409

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 1/16/95

DEPTH (FEET)	SAMP	% RE	BLOWS/FT.	USCS SYMBOL	
SURFACE CONDITIONS— GRASS COVERED SANDY SOIL					
	HA			SP	0–1' BLS RED CLAY (FROM ROAD BASE) 1–2' BLS BROWN WELL SORTED MEDIUM GRAINED QUART! SAND TURNING WHITE MIXED WITH BUCK ORGANIC MATERIAL. WET AT 2' BLS. B.O.H.
5					
10					
15					
20					
25					
30					
35					
40					
45					
50					

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER
S.S. – SPLIT SPOON SAMPLE

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING
34S10

DATE.03/10/95 DWG NAME: 70BL3410

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 9/20/94

SURFACE CONDITIONS— GRASS COVERED SILTY SANDY SOIL

	HA			SP	0—.5' BLS TAN QUARTZ SAND, FINE TO MEDIUM GRAINED. .5 B.O.H.
5					
10					
15					
20					
25					
30					
35					
40					
45					
50					

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
S.S. – SPLIT SPOON SAMPLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOIA, FLORIDA

BORING

34M01

DATE: 03/09/95

DWG NAME: 70BL3401

DESCRIPTION OF SUBSURFACE MATERIALS

BORING DATE: 9/20/94

SURFACE CONDITIONS– GRASS COVERED SILTY SANDY SOIL

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/6"	USCS SYMBOL		
	HA			SM	0–.2' BLS	DARK COLORED SILTY SAND, FINE TO MEDIUM GRAINED.
	HA			SP	0–.5' BLS	TAN QUARTZ SAND, FINE TO MEDIUM GRAINED.
						.5 B.O.H.
5						
10						
15						
20						
25						
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35						
40						
45						
50						

KEY

(SP) – UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL
B.L.S. – BELOW LAND SURFACE
B.O.H. – BOTTOM OF HOLE
S.S. – SPLIT SPOON SAMPLE
H.A. – SAMPLE COLLECTED WITH HAND AUGER

REMEDIAL INVESTIGATION REPORT
SITES 9, 29 & 34
NAS PENSACOLA
PENSACOLA, FLORIDA

BORING

34M02

DATE: 03/09/95

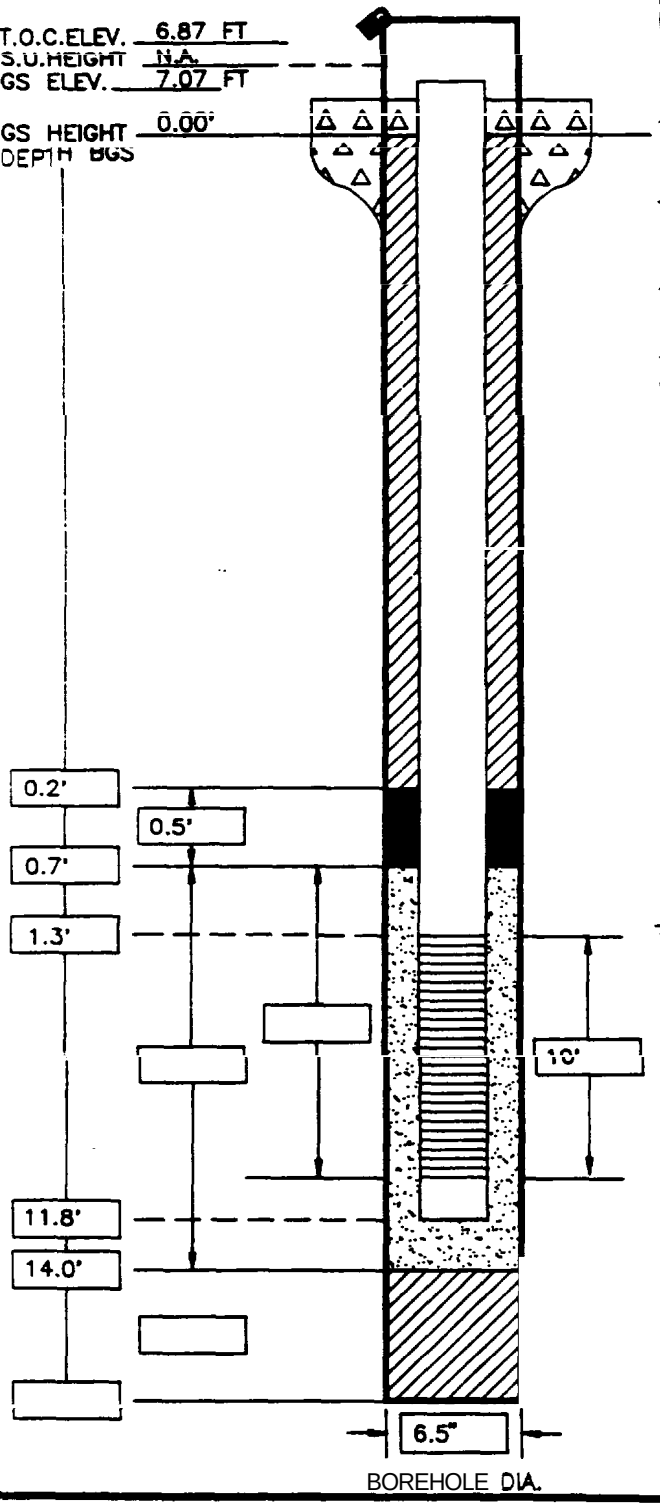
DWG NAME 70BL3402

MONITORING WELL CONSTRUCTION LOG - STANDARD

NASP

WELL NO.: 34GS01	INSTALLATION: SHALLOW MW.	SITE: 34
PROJECT NO.: 070-0030	CLIENT/PROJECT: U.S. NAW SOUTH DIVISION	
	DRIG. CONTRACTOR: LAYNE ENVIRON. INC.	
COMP. START 05/23/94 (m)	COMP. END: 05/23/94 (m)	
BUILT BY: A. JOINER / J. LUNCEFORD	WELL COORD.: NA	

T.O.C.ELEV. 6.87 FT
S.U.HEIGHT N.A.
GS ELEV. 7.07 FT
GS HEIGHT 0.00'
DEPTH BGS



PROTECTIVE CSG
MATERIAL/TYPE BOLT DOWN, WATER TIGHT STEEL, FLUSH MOUNT COVER
DIAMETER 10"
DEPTH BGS ____ WEEP HOLE(Y/N) ____

GUARD POSTS (Y/N)
NO. ____ TYPE ____

SURFACE PAD
COMPOSITION & SIZE 3'X3'X6" CONCRETE

RISER PIPE
TYPE SCHEDULE 40 PVC
DIAMETER ID
TOTAL LENGTH(TOC to TOS) 1.5'
VENTILATED CAP (Y/N)

GROUT
COMPOSITION & PROPORTIONS NONE
CEMENT PAD BUILT ON SEAL
TREMIED (Y/N)
INTERVAL BGS ____

CENTRALIZERS (Y/N)
DEPTH(s) ____

SEAL
TYPE 1/4" BENT. PELLETS
SOURCE BAROID INC.
SETUP/HYDRATION TIME 8+ HOUR
VOL. FLUID ADDED APPROX.10 GAL DI WATER
TREMIED (Y/N)

FILTER PACK
TYPE SILICA QTZ SAND
AMT. USED 6-50 LB BAGS
TREMIED (Y/N) INSIDE AUGERS
SOURCE PEARL SAND CO. FILTERATION MEDIA
GR. SIZE DIST. 20-30 COUNT SIEVE SIZE

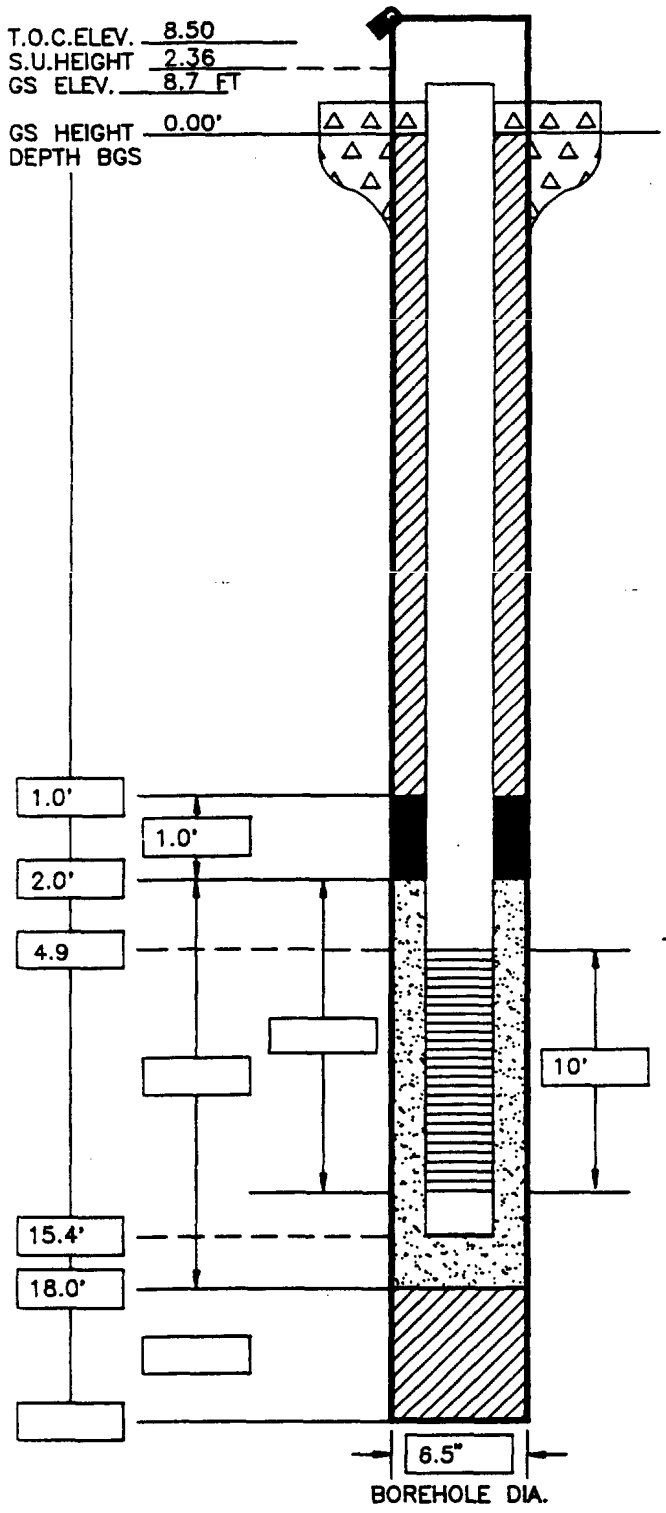
SCREEN
TYPE SCHEDULE 40 PVC
DIAMETER 2" ID
SLOT SIZE & TYPE 0.01" CONTINUOUS SLOTTED
INTERVAL BGS 1.3 - 11.3

SUMP (Y/N)
INTERVAL BGS 11.3'-11.8' LENGTH .5'
BOTTOM CAP (Y/N) INCLUDES BOTTOM CAP

BACKFILL PLUG
MATERIAL NATURAL SAND BACKFILL/COLLAPSE
SETUP/HYDRATION TIME N.A.
TREMIED (Y/N)

70MW341

PROJECT NO.: 070-0030	CLIENT/PROJECT: U.S. NAVY SOUTH DIVISION
COMP. START 05/23/94 (____m)	COMP. END: 05/23/94 (____m)
BUILT BY: A. JOINER / J. LUNCEFORD	WELL COORD.: NA



PROTECTIVE CSG
MATERIAL/TYPE BOLT DOWN, WATER TIGHT STEEL FLUSH MOUNT COVER
DIAMETER 10"
DEPTH BGS 1FT WEEP HOLE(Y/N)

GUARD POSTS (Y/N)
NO. ____ NPE ____

SURFACE PAD
COMPOSITION & SIZE 3'X3'X6" CONCRETE

RISER PIPE
TYPE SCHEDULE 40 PVC
DIAMETER 2" ID
TOTAL LENGTH(TOC to TOS) APPROX. 5 FT
VENTILATED CAP (Y/N)

GROUT
COMPOSITION & PROPORTIONS NONE
CEMENT PAD BUILT ON SEAL
TREMIED (Y/N)
INTERVAL BGS ____

CENTRALIZERS (Y/N)
DEPTH(s) ____

SEAL
TYPE 1/4" BENT. PELLETS
SOURCE BAROID INC.
SETUP/HYDRATION TIME 8+ HOUR
VOL. FLUID ADDED APPROX.10 GAL DI WATER
TREMIED (Y/N)

FILTER PACK
TYPE SILICA QTZ SAND
AMT. USED 6-50 LB BAGS
TREMIED (Y/N) INSIDE AUGERS
SOURCE PEARL SAND CO. FILTERATION MEDIA
GR. SIZE DIST. 20-30 COUNT SIEVE SIZE

SCREEN
TYPE SCHEDULE 40 PVC
DIAMETER 2" ID
SLOT SIZE & TYPE 0.01" CONTINUOUS SLOTTED
INTERVAL BGS 4.9 - 14.9

SUMP (Y/N)
INTERVAL BGS 14.9'-15.4' LENGTH .5'
BOTTOM CAP (Y/N) INCLUDES BOTTOM CAP

BACKFILL PLUG
MATERIAL NATURAL SAND BACKFILL/COLLAPSE
SETUP/HYDRATION TIME N.A.
TREMIED (Y/N)

70MW342

Appendix B

Preliminary Remediation Goals

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Inorganics (mg/kg)						
7429-90-5	Aluminum (Al) N	7,800	NA	75,000	NA	1,661
7440-36-0	Antimony (Sb) N	3.1	NA	26	NA	2.912
7440-38-2	Arsenic (As) C	0.43	15	0.7	NA	1.56
7440-39-3	Bariun (Ba) N	550	32	5,200	NA	4.63
7440-41-7	Beryllium (Be) C	0.15	180	0.2	NA	0.41
7440-42-0	Boron N	700	NA	7,000	NA	NA
7440-43-9	Cadmium (Cd) N	3.9	6	37	NA	1
7440-70-2	Calcium (Ca)	NA	NA	NA	NA	912.37
7440-47-3	Chromium (Cr) N	7,800	NA	66,000	NA	6.13
18540-29-9	Chromium (Hexavalent) N	39	19	290	NA	NA
7440-48-4	Cobalt (Co) N	470	NA	4,700	NA	1.87
7440-50-8	Copper (Cu) N	310	NA	NA	NA	5.74
57-12-5	Cyanide (CN) N	160	NA	1,600	NA	0.52
7439-89-6	Iron (Fe) N	2,300	NA	NA	NA	2,745
7439-92-1	Lead (Pb) C	400	400	500	NA	7.32
7439-95-4	Magnesium (Mg)	NA	NA	NA	NA	133.33
7439-96-5	Manganese (Mn) N	180	NA	370	NA	21.36
7439-97-6	Mercury (Hg) N	2.3	3	23	NA	0.1
7439-98-7	Molybdenum (Mo) N	39	NA	390	NA	NA
7440-02-0	Nickel (Ni) N	160	21	1,500	NA	6.38

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Inorganics (mg/kg)						
7440-09-7	Potassium (K) N	NA	HA	NA	HA	460.67
7782-49-2	Selenium (Se) N	39	3	390	HA	0.62
7440-22-4	Silver (Ag) N	39	NA	390	HA	2.07
7440-23-5	Sodium (Na) N	HA	HA	NA	NA	107.6
7440-24-6	Strontium N	4,700	HA	47,000	NA	NA
7440-28-0	Thallium (Tl) N	0.63	*0.4*	NA	NA	0.82
7440-31-5	Tin (Sn) N	4,700	NA	44,000	HA	NA
7440-62-2	Vanadium (V) N	55	NA	*490*	NA	5.83
7440-66-6	Zinc (Zn) N	2,300	42,000	23,000	NA	16.87

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Pesticides (µg/kg)						
93-76-5	2,4,5-T N	78,000	NA	NA	NA	NA
93-72-1	2,4,5-TP (Silvex) N	63,000	NA	NA	NA	NA
94-75-7	2,4-D	78,000	1,700	NA	NA	NA
94-82-6	2.4-DB N	63,000	NA	NA	NA	NA
72-54-8	4,4'-DDD C	2,700	700	4,500	200	NA
72-55-9	4,4'-DDE	1,900	500	3,000	200	NA
50-29-3	4,4'-DDT C	1,900	1,000	3,100	500	NA
309-00-2	Aldrin	38	5	60	50	NA
12674-11-2	Aroclor-1016	320	NA	NA	NA	NA
11104-28-2	Aroclor-1221 C	320	NA	900	44,000	NA
11141-16-5	Aroclor-1232 C	320	NA	900	44,000	NA
53469-21-9	Aroclor-1242 C	320	NA	900	44,000	NA
12672-29-6	Aroclor-1248 C	320	NA	900	44,000	NA
11097-69-1	Aroclor-1254 N	320	NA	900	44,000	NA
11096-82-5	Aroclor-1260 C	320	NA	900	44,000	NA
57-74-9	Chlordane C	490	2,000	800	2.100	NA
510-15-6	Chlorobenzilate C	2,400	NA	NA	NA	NA
2303-16-4	Diallate C	10,000	NA	NA	NA	NA
60-57-1	Dieldrin C	40	1	70	20	NA
60-51-5	Dimethoate N	1,600	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Pesticides (µg/kg)						
88-85-7	Dinoseb N	7,800	HA	43,000	400	HA
298-04-4	Disulfoton N	310	NA	2,800	10	NA
959-98-8	Endosulfan I N	47,000	3,000	390,000	700	NA
33213-65-9	Endosulfan II N	47,000	3,000	390,000	700	HA
1031-07-8	Endosulfan sulfate N	47,000	3,000	390,000	700	HA
72-20-8	Endrin'	2,300	400	23,000	400	NA
7421-93-4	Endrin aldehyde N	2,300	400	23,000	50	NA
53494-70-5	Endrin ketone N	2,300	400	23,000	400	HA
52-85-7	Famphur	HA	NA	NA	NA	NA
76-44-8	Heptachlor C	140	60	200	60	NA
1024-57-3	Heptachlor epoxide C	70	30	100	30	NA
465-73-6	Isodrin P	NA	HA	NA	NA	NA
143-50-0	Kepone C	35	NA	HA	HA	HA
72-43-5	Methoxychlor N	39,000	62,000	380,000	62,000	HA
298-00-0	Methyl parathion N	2,000	41	19,000	100	HA
126-68-1	O,O,O-Triethylphosphorothioate	NA	NA	HA	HA	NA
56-38-2	Parathion N	47,000	3,900	450,000	3,900	NA
298-02-2	Phorate N	1,600	NA	14,000	50	NA
3689-24-5	Sulfotep N	3,900	NA	NA	NA	NA
297-97-2	Thionazin	NA	NA	NA	NA	YA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
8001-35-2	Toxaphene [C]	580	40	900	40	NA
319-84-6	alpha-BHC [C]	100	0.4	200	2	NA
5103-71-9	alpha-Chlordane [C]	490	2,000	800	2,100	NA
319-85-7	beta-BHC [C]	350	2	600	5	NA
319-86-8	delta-BHC [C]	NA	NA	23,000	7	NA
58-89-9	gamma-BHC (Lindane) [C]	490	6	800	6	NA
5103-74-2	gamma-Chlordane [C]	490	2,000	800	2,100	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (ug/kg)						
634-66-2	1,2,3,4-Tetrachlorobenzene N	2,300	690	NA	NA	NA
634-90-2	1,2,3,5-Tetrachlorobenzene N	2,300	690	NA	NA	NA
87-61-6	1,2,3-Trichlorobenzene N	78,000	2,000	NA	NA	NA
95-94-3	1,2,4,5-Tetrachlorobenzene N	2,300	690	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene N		2,000	590,000	2,300	NA
95-50-1	1,2-Dichlorobenzene N		6,000		5,800	NA
122-66-7	1,2-Diphenylhydrazine C	800	NA	NA	NA	NA
108-70-3	1,3,5-Trichlorobenzene N		2,000	590,000	2,300	NA
99-35-4	1,3,5-Trinitrobenzene N	390	NA	NA	NA	NA
541-73-1	1,3-Dichlorobenzene N		NA	1,700,000	400	NA
99-65-0	1,3-Dinitrobenzene N	780	NA	NA	NA	NA
106-46-7	1,4-Dichlorobenzene C	27,000	1,000	7,500	900	NA
130-15-4	1,4-Naphthoquinone	NA	NA	NA	NA	NA
90-13-1	1-Chloronaphthalene N	630,000	140,000	560,000	57,000	NA
90-12-0	1-Methyl naphthalene N	NA	NA	930,000	NA	NA
134-32-7	1-Naphthylamine	NA	NA	NA	NA	NA
108-60-1	2,2'-oxybis(1-Chloropropane)	NA	NA	NA	NA	NA
58-90-2	2,3,4,6-Tetrachlorophenol N	230,000	NA	NA	NA	NA
95-95-4	2,4,5-Trichlorophenol N	780,000	120,000	7,100,000	100	NA
88-06-2	2,4,6-Trichlorophenol C	58,000	60	87,000	80	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
120-83-2	**2,4-Dichlorophenol** N	23,000	500	220,000	20	NA
105-67-9	**2,4-Dimethylphenol** N	160,000	3,000	1,200,000	1,800	NA
51-28-5	**2,4-Dinitrophenol** N	16,000	100	NA	NA	NA
121-14-2	2,4-Dinitrotoluene N	16,000	200	130,000	0.6	NA
87-65-0	**2,6-Dichlorophenol** N	23,000	500	220,000	20	NA
606-20-2	**2,6-Dinitrotoluene** N	7,800	100	71,000	0.6	NA
91-58-7	2-Chloronaphthalene N	630,000	140,000	560,000	57,000	NA
95-57-8	**2-Chlorophenol** N	39,000	2,000	280,000	300	NA
99-55-8	2-Methyl-5-nitroaniline C	19,000	NA	NA	NA	NA
95-53-4	2-Methylaniline C	2,700	NA	NA	NA	NA
636-21-5	**2-Methylaniline** hydrochloride C	3,500	NA	NA	NA	NA
91-57-6	**2-Methylnaphthalene** N	NA	NA	960,000	NA	NA
95-48-7	2-Methylphenol (o-Cresol) N	390,000	6,000	2,600,000	1,100	NA
91-59-8	2-Naphthylamine C	4.9	NA	NA	NA	NA
88-74-4	2-Nitroaniline N	470	NA	4,000	20	NA
88-75-5	2-Nitrophenol N	480	NA	NA	NA	NA
109-06-8	2-Picoline	NA	NA	NA	NA	NA
91-94-1	**3,3'-Dichlorobenzidine** C	1,400	10	NA	NA	NA
119-90-4	**3,3'-Dimethoxybenzidine** C	*46,000*	NA	NA	NA	NA
119-93-7	**3,3-Dimethylbenzidine** C	69	0.39	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
56-49-5	3-Methylcholanthrene	MA	NA	NA	NA	NA
108-39-4	3-Methylphenol (m-Cresol) N	390,000	NA	3,400,000	4,200	NA
99-09-2	3-Nitroaniline N	23,000	NA	NA	NA	NA
101-14-4	4,4'-Methylene bis(2-chloroaniline) C	4,900	NA	NA	NA	NA
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA
92-67-1	4-Aminobiphenyl	NA	NA	NA	NA	NA
101-55-3	4-Bromophenyl-phenylether N	450,000	NA	NA	NA	NA
59-50-7	4-Chloro-3-methylphenol	NA	NA	140,000,000	42,000	NA
106-47-8	4-Chloroaniline N	31,000	300	240,000	80	NA
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
106-44-5	4-Methylphenol (p-Cresol) N	39,000	NA	340,000	400	NA
100-01-6	4-Nitroaniline N	23,000	NA	230,000	NA	NA
100-02-7	4-Nitrophenol N		NA	NA	NA	NA
56-57-5	4-Nitroquinoline 1-oxide	NA	NA	NA	NA	NA
57-97-6	7,12-Dimethylbenz(a)anthracene C	NA	NA	NA	NA	NA
83-32-9	Acenaphthene N	470,000	200,000	2,800,000	2,000	NA
208-96-8	Acenaphthylene N	470,000	200,000	670,000	11,000	NA
53-W-3	Acetamidofluorene	WA	WA	NA	WA	NA
98-86-2	Acetophenone N	780,000	MA	WA	WA	NA
62-53-3	Aniline C	110,000	31	MA	WA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
120-12-7	Anthracene [N]	2,300,000	4,300,000	20,000,000	890,000	NA
140-57-8	Aramite [C]	26,000	NA	NA	NA	NA
103-33-3	Azobenzene [C]	5,800	NA	NA	NA	NA
98-87-3	Benzal chloride	NA	NA	NA	NA	NA
92-87-5	Benzidine [C]	2.8	0.0011	NA	NA	NA
56-55-3	Benzo(a)anthracene [C]	880	700	1,400	29,000	NA
50-32-8	Benzo(a)pyrene [C]	88	4,000	100	3,700	NA
205-99-2	Benzo(b)fluoranthene [C]	880	4,000	1,400	71,000	NA
191-24-2	Benzo(g,h,i)perylene [N]	230,000	1,400,000	14,000	320,000	NA
207-08-9	Benzo(k)fluoranthene [C]	8,800	4,000	14,000	44,000	NA
65-85-0	Benzoic acid [N]	31,000,000	280,000	130,000,000	56,000	NA
98-07-7	Benzotrichloride [C]	49	0.073	NA	NA	NA
100-51-6	Benzyl alcohol [N]	2,300,000	NA	NA	NA	NA
39638-32-9	Bis(2-Chloroisopropyl)Ether [C]	9,100	NA	NA	NA	NA
85-68-7	Butylbenzylphthalate [N]	1,600,000	68,000	15,000,000	960,000	NA
86-74-8	Carbazole [C]	32,000	500	42,000	400	NA
218-01-9	Chrysene [C]	88,000	1,000	140,000	31,000	NA
6055-19-2	Cyclophosphamide	NA	NA	NA	NA	W
84-74-2	Di-n-butylphthalate [N]	780,000	120,000	7,300,000	23,000	NA
117-84-0	Di-n-octyl phthalate [N]	160,000	1,000,000,000	1,500,000	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter					
Semivolatiles (µg/kg)						
53-70-3	Dibenz(a,h)anthracene [C]	88	11,000	100	7,200	NA
224-42-0	Dibenzo(a,j)acridine	NA	MA	MA	MA	MA
132-64-9	Dibenzofuran [N]	31,000	120,000	240,000	NA	NA
84-66-2	Diethylphthalate [N]	6,300,000	110,000	56,000,000	20,000	MA
131-11-3	Dimethyl phthalate [N]	78,000,000	1,200,000	630,000,000	200,000	MA
122-39-4	Diphenylamine [N]	200,000	MA	MA	MA	NA
97-63-2	Ethyl methacrylate [N]	700,000	NA	MA	MA	MA
62-50-0	Ethyl methanesulfonate	MA	MA	MA	NA	NA
206-44-0	Fluoranthene [N]	310,000	980,000	2,900,000	280,000	MA
86-73-7	Fluorene [N]	310,000	160,000	2,400,000	45,000	MA
118-74-1	Hexachlorobenzene [C]	400	800	600	800	MA
87-68-3	Hexachlorobutadiene [C]	8,200	100	3,100	2,100	MA
77-47-4	Hexachlorocyclopentadiene [N]	55,000	10,000	MA	MA	NA
67-72-1	Hexachloroethane [C]	46,000	200	27,000	400	MA
70-30-4	Hexachlorophene [N]	2,300	MA	MA	MA	MA
1888-71-7	Hexachloropropene	MA	MA	MA	MA	NA
193-39-5	Indeno(1,2,3-cd)pyrene [C]	880	35,000	1,400	17,000	NA
78-59-1	Isophorone [C]	670,000	200	NA	NA	NA
120-58-1	Isosafrole	NA	NA	NA	NA	WA
91-80-5	Methapyrilene	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
80-62-6	Methyl methacrylate N	630,000	NA	NA	NA	NA
66-27-3	Methyl methanesulfonate	NA	NA	NA	NA	NA
10595-95-6	N-Nitroso-N-methylethylamine C	29	NA	NA	NA	NA
621-64-7	N-Nitrooo-di-n-propylamine C	91	0.02	20	9	NA
924-16-3	N-Nitrosodi-n-butylamine C	120	NA	NA	NA	NA
59-89-2	N-Nitrosomorpholine	NA	NA	NA	NA	NA
100-75-4	N-Nitrosopiperidine	NA	NA	NA	NA	NA
930-55-2	N-Nitrosopyrrolidine C	300	NA	NA	NA	NA
91-20-3	Naphthalene N	310,000	30,000	1,300,000	100	NA
98-95-3	Nitrobenzene N	3,900	90	22,000	40	NA
123-63-7	Paraldehyde	NA	NA	NA	NA	NA
608-93-5	Pentachlorobenzene N	6,300	48,000	NA	NA	NA
76-01-7	Pentachloroethane	NA	NA	NA	NA	NA
82-68-8	Pentachloronitrobenzene C	2,500	NA	NA	NA	NA
87-86-5	Pmtachlorophenol C	5,300	200	5,400	10	NA
62-44-2	Phenacetin	NA	NA	NA	NA	NA
85-01-8	Phenanthrene N	230,000	1,400,000	1,700,000	2,800	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
108-95-2	Phenol [N]	4,700,000	49,000	34,000,000	20	NA
23950-58-5	Pronamide [N]	590,000	NA	NA	NA	NA
129-00-0	Pyrene [N]	230,000	1,400,000	2,200,000	290,000	NA
110-86-1	Pyridine [N]	7,800	NA	500	20	NA
94-59-7	Safrole	NA	NA	NA	NA	NA
122-09-8	alpha, alpha-Dimethylphenethylamine	NA	NA	NA	NA	NA
111-91-1	bis(2-Chloroethoxy)methane	NA	NA	170,000	30	NA
111-44-4	bis(2-Chloroethyl)ether [C]	580	0.3	500	5	NA
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP) [C]	46,000	11,000	48,000	11,000	NA
60-11-7	p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA
106-50-3	p-Phenylenediamine [N]	1,500,000	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
106-93-4	1, 2-Dibromoethane C	7.5	0.18	10	0.06	NA
630-20-6	1,1,1,2-Tetrachloroethane C	25,000	NA	5,900	3	NA
811-97-2	1,1,1,2-Tetrafluoroethane	NA	NA	NA	NA	NA
71-55-6	1,1,1-Trichloroethane N	270,000	900	610,000	900	NA
354-58-5	1,1,1-trichloro-2,2,2-trifluoromethane	NA	NA	NA	NA	NA
79-34-5	1,1,2,2-Tetrachloroethane C	3,200	1	900	0.7	NA
79-00-5	1,1,2-Trichloroethane C	11,000	10	2,000	20	NA
75-34-3	1,1-Dichloroethane N	780,000	11,000	310,000	2,300	NA
75-35-4	1,1-Dichloroethene C	1,100	30	100	30	NA
96-18-4	1,2,3-Trichloropropane C	91	0.006	NA	NA	NA
96-19-5	1,2,3-Trichloropropene N	39,000	NA	NA	NA	NA
615-54-3	1,2,4-Tribromobenzene N	39,000	NA	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene N	78,000	2,000	590,000	2,300	NA
96-12-8	1,2-Dibromo-3-Chloropropane C	460	0.61	NA	NA	NA
107-06-2	1,2-Dichloroethane C	7,000	10	700	8	NA
540-59-0	1,2-Dichloroethene (total) N	70,000	NA	NA	NA	NA
78-87-5	1,2-Dichloropropane C	9,400	20	800	20	NA
106-99-0	1,3-Butadiene	NA	0.072	NA	NA	NA
542-75-6	1,3-Dichloropropene C	3,700	1	300	3	NA
106-37-6	1,4-Dibromobenzene N	78,000	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
764-41-0	1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
123-91-1	1,4-Dioxane [C]	58,000	NA	NA	NA	NA
75-68-3	1-Chloro-1,1-difluoroethane	NA	NA	NA	NA	NA
109-69-3	1-Chlorobutane [N]	3,100,000	NA	NA	NA	NA
78-93-3	2-Butanone (MEK) [N]	4,700,000	NA	2,200,000	8,700	NA
126-99-8	2-Chloro-1,3-butadiene [N]	160,000	NA	NA	NA	NA
110-75-8	2-Chlorwthyl vinyl ether [N]	200,000	NA	100,000	2	NA
591-78-6	2-Hexanone	NA	NA	NA	NA	NA
101-68-8	4,4'-Methylenediphenyl isocyanate	NA	NA	NA	NA	NA
108-10-1	4-Methyl-2-Pentanone (MIBK) [N]	630,000	NA	520,000	1,100	NA
67-64-1	Acetone [N]	780,000		260,000	1,400	NA
75-05-8	Acetonitrile [N]	47,000	NA	NA	NA	NA
107-02-8	Acrolein [N]	160,000	NA	400	300	NA
107-13-1	Acrylonitrile [C]	1,200	NA	100	20	NA
107-05-1	Allyl chloride [N]	390,000	NA	NA	NA	NA
100-52-7	Benzaldehyde [N]	780,000	NA	NA	NA	NA
71-43-2	Benzene [C]	22,000	20	1,400	3	NA
95-63-6	Benzene, 1,2,4-trimethyl [N]	390,000	NA	6,200	200	MA
108-67-8	Benzene, 1,3,5-trimethyl- [N]	390,000	MA	3,700	100	NA
100-44-7	Benzyl chloride [C]	3,800	0.36	NA	MA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
542-88-1	Bis(chloromethyl)ether [C]	2.9	0.0001	NA	NA	NA
75-27-4	Bromodichloromethane	10,000	300	700	2	NA
593-60-2	Bromoethene	NA	NA	NA	NA	NA
75-25-2	Bromoform [C]	81,000	500	65,000	20	NA
74-83-9	Bromomethane [N]	11,000	100	NA	NA	NA
75-15-0	Carbon disulfide	780,000	14,000	5,200	2,500	NA
56-23-5	Carbon tetrachloride [C]	4,900	30	600	20	NA
108-90-7	Chlorobenzene [N]	160,000	600	44,000	600	NA
75-45-6	Chlorodifluoromethane	NA	NA	NA	W	NA
75-00-3	Chloroethane [N]	3,100,000	33,000	NA	NA	NA
67-66-3	Chloroform [C]	100,000	300	600	20	NA
74-87-3	Chloromethane [C]	49,000	6.6	200	10	NA
1476-11-5	Cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
123-73-9	Crotonaldehyde, (E) [C]	340	NA	NA	NA	NA
108-94-1	Cyclohexanone [N]	39,000,000	NA	NA	NA	NA
1163-19-5	Decabromodiphenyl ether [N]	78,000	NA	NA	NA	NA
124-48-1	Dibromochloromethane [C]	NA	NA	1,200	4	NA
75-71-8	Dichlorodifluoromethane [N]	1,600,000	7,500	NA	NA	NA
77-73-6	Dicyclopentadiene [N]	230,000	NA	NA	NA	NA
107-12-0	Ethyl cyanide	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
60-29-7	Ethyl ether [W]	1,600,000	NA	NA	NA	NA
100-41-4	Ethylbenzene [N]	780,000	5,000	1,400,000	200	NA
87-82-1	Hexabromobenzene [N]	16,000	NA	NA	NA	NA
78-83-1	Isobutanol [N]	2,300,000	NA	NA	NA	NA
126-98-7	Methacrylonitrile [N]	780	NA	NA	NA	NA
74-88-4	Methyl iodide	NA	NA	NA	NA	NA
1634-04-4	Methyl tert-butyl ether [N]	39,000	NA	3,800,000	100	NA
74-95-3	Methylene bromide [N]	78,000	NA	NA	NA	NA
75-09-2	Methylene chloride [C]	85,000	10	16,000	10	NA
100-42-5	Styrene [N]	1,600,000	2,000	4,100,000	2,000	NA
127-18-4	Tetrachloroethene [C]	12,000	40	12,000	30	NA
109-99-9	Tetrahydrofuran	NA	NA	NA	NA	NA
108-88-3	Toluene [N]	1,600,000	5,000	520,000	200	NA
79-01-6	Trichloroethene [C]	58,000	20	6,500	10	NA
75-69-4	Trichlorofluoromethane [N]	2,300,000	13,000	6,600	400,000	NA
598-77-6	Trichloropropane, 1,1,2- [N]	39,000	140	NA	NA	NA
76-13-1	Trichlorotrifluoroethane (Freon 113) [N]	100,000,000	3,100 ,000	NA	NA	NA
108-05-4	Vinyl acetate [N]	7,800,000	84,000	180,000	500	NA
75-01-4	Vinyl chloride [C]	340	10	5	5	NA
1330-20-7	*Xylene* (Total) [N]	16,000,OW	74,000	13,000 ,000	100	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
98-83-9	alpha-Methylstyrene N	550,000	7,500	NA	NA	NA
156-59-2	cis-1,2-Dichloroethene N	78,000	200	26,000	200	NA
10061-01-5	cis-1,3-Dichloropropene C	3,700	1	300	3	NA
99-08-1	m-Nitrotoluene N	78,000	420	NA	NA	NA
108-38-3	m-Xylene	16,000,000	240,000	NA	NA	NA
104-51-8	n-Butylbenzene N	78,000	270	NA	NA	NA
110-54-3	n-Hexane N	470,000	13,000	76,000	1,000	NA
88-73-3	o-Chloronitrobenzene C	26,000	NA	NA	NA	NA
95-49-8	o-Chlorotoluene N	160,000	5,600	NA	NA	NA
88-72-2	o-Nitrotoluene N	78,000	420	NA	NA	NA
95-47-6	O-Xylene N	16,000,000	150,000	NA	NA	NA
5216-25-1	p,a,a,a-Tetrachlorotoluene C	32	NA	NA	NA	NA
100-00-5	p-Chloronitrobenzene C	35,000	NA	NA	NA	NA
99-99-0	p-Nitrotoluene N	78,000	420	NA	NA	NA
106-42-3	p-Xylene	NA	220,000	NA	NA	NA
135-98-8	sec-Butylbenzene N	78,000	270	NA	NA	NA
156-60-5	trans-1,2-Dichloroethene N	160,000	300	62,000	300	NA
10061-02-6	trans-1,3-Dichloropropene C	3,700	1	300	3	NA
110-57-6	trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Inorganics (µg/l)								
7429-90-5	Aluminum (Al) N	NA	NA	50	200	NA	3,700	3,882.8
7440-36-0	Antimony (Sb) N	6	6	NA	NA	NA	1.5	30.2
7440-38-2	Arsenic (As) N	50	50	NA	NA	NA	0.045	2.8
7440-39-3	Barium (Ba) N	2,000	2,000	NA	NA	NA	260	13.2
7440-41-7	Beryllium (Be) C	4	4	NA	NA	NA	0.016	1.1
	N							
7440-70-2	Calcium (Ca)	NA	NA	NA	NA	NA	NA	17,560
7440-47-3	Chromium (Cr) N	100	100	NA	NA	NA	18	35
18540-29-9	Chroriu (Hexavalent) ■	NA	NA	NA	NA	NA	18	NA
7440-48-4	Cobalt (Co) W	NA	NA	NA	NA	NA	220	4.1
7440-50-8	Copper (Cu) ■	1,—	NA	1,000	1,000	NA	150	16.2
57-12-5	Cyanide (CN) W	200	200	NA	NA	NA	73	NA
7439-89-6	Iron (Fe) N	NA	NA	300	300	NA	1,100	1,707.8
7439-92-1	Lead (Pb)	15	15	NA	NA	NA	15	1.6
7439-95-4	Magnesium (Mg)	NA	NA	NA	NA	NA	NA	2,872.6
7439-96-5	Manganese (Mn) N	NA	NA	50	50	NA	84	22
7439-97-6	Mercury (Hg) N	2	2	NA	NA	NA	1.1	0.2
7440-02-0	Nickel (Ni) N	100	100	NA	NA	NA	73	39.9
7440-09-7	Potassium (K)	NA	NA	NA	NA	NA	NA	12,167.6
7782-49-2	Selenium (Se) N	50	50	NA	NA	NA	18	3.9

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Inorganics (µg/l)								
7440-22-4	Silver (Ag) N	NA	NA	100	100	NA	18	4
7440-23-5	Sodium (Na)	NA	160,000	HA	HA	NA	MA	18,345
7440-28-0	Thallium (Tl)	2	2	HA	HA	HA	0.29	3.6
7440-31-5	Tin (Sn) N	NA	NA	NA	NA	NA	2,200	NA
7440-62-2	Vanadium (V) N	NA	HA	HA	NA	49	26	9.6
7440-66-6	Zinc (Zn) N	HA	HA	5,000	5,000	HA	1,100	153.2

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Pesticides (µg/l)								
93-72-1	2,4,5-TP (Silvex) N	50	50	NA	NA	NA	29	HA
93-76-5	2,4,5-Trichlorophenoxyacetic ac	NA	NA	NA	NA	NA	37	NA
94-75-7	2,4-Dichlorophenoxyacetic Acid N	HA	NA	NA	NA	HA	6.1	NA
72-54-8	4,4'-DDD C	NA	NA	NA	HA	0.1	0.28	NA
72-55-9	4,4'-DDE C	NA	NA	NA	NA	0.1	0.2	NA
50-29-3	4,4'-DDT C	NA	HA	NA	NA	0.1	0.2	NA
94-82-6	4-(2,4-Dichlorophenoxy)butyric N	NA	HA	NA	NA	NA	29	NA
309-00-2	Aldrin C	NA	NA	NA	NA	0.05	0.004	NA
12674-11-2	Aroclor-1016 C	0.5	0.5	NA	NA	NA	0.03	NA
11104-28-2	Aroclor-1221 C	0.5	0.5	NA	NA	NA	0.03	NA
11141-16-5	Aroclor-1232 C	0.5	0.5	NA	NA	NA	0.03	HA
53469-21-9	Aroclor-1242 C	0.5	0.5	NA	NA	HA	0.03	HA
12672-29-6	Aroclor-1248 C	0.5	0.5	NA	NA	NA	0.03	NA
11097-69-1	Aroclor-1254 C	0.5	0.5	NA	NA	HA	0.03	NA
	C							
57-74-9	Chlordane C	2	2	NA	NA	NA	0.052	NA
510-15-6	Chlorobenzilate C	NA	NA	NA	MA	0.13	0.25	NA
2303-16-4	Diallate C	NA	NA	NA	NA	0.57	0.17	NA
60-57-1	Dieldrin C	MA	NA	NA	NA	0.1	0.0042	NA
60-51-5	Dimethoate N	NA	NA	NA	NA	5	0.73	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Pesticides (µg/l)								
88-85-7	Dinoseb N	7	7	NA	NA	NA	3.7	NA
298-04-4	Disulfoton N	NA	NA	NA	NA	0.5	0.15	NA
959-98-8	Endosulfan I	NA	NA	NA	NA	0.35	22	NA
33213-65-9	Endosulfan II N	NA	NA	NA	NA	0.35	22	NA
1031-07-8	Endosulfan sulfate N	NA	NA	NA	NA	0.3	22	NA
72-20-8	Endrin N	2	2	NA	NA	NA	1.1	NA
7421-93-4	Endrin aldehyde N	NA	NA	NA	NA	0.1	1.1	NA
53494-70-5	Endrin ketone N	NA	NA	NA	NA	NA	1.1	NA
52-85-7	Famphur	NA	NA	NA	NA	NA	NA	NA
76-44-8	Heptachlor C	0.4	0.4	NA	NA	NA	0.0023	NA
1024-57-3	Heptachlor epoxide C	0.2	0.2	NA	NA	NA	0.0012	NA
465-73-6	Isodrin P	NA	NA	NA	NA	NA	NA	NA
143-50-0	Kepone C	NA	NA	NA	NA	NA	0.0037	NA
72-43-5	Methoxychlor N	40	40	NA	NA	NA	18	NA
298-00-0	Methyl parathion N	NA	NA	NA	NA	10	0.91	NA
126-68-1	O,O,O-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA	NA
56-38-2	Parathion N	NA	NA	NA	NA	42	22	NA
298-02-2	Phorate N	NA	NA	NA	NA	1.4	0.73	NA
3689-24-5	Sulfotep N	NA	NA	NA	NA	3.5	1.8	NA
297-97-2	Thionazin	NA	NA	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Pesticides (µg/l)								
8001-35-2	Toxaphene [C]	3	3	NA	NA	NA	0.061	NA
319-84-6	alpha-BHC	NA	NA	NA	NA	0.05	0.011	NA
5103-71-9	alpha-Chlordane	2	2	NA	NA	NA	0.052	NA
319-85-7	beta-BHC [C]	NA	NA	NA	NA	0.1	0.037	NA
319-86-8	delta-BHC [C]	NA	NA	NA	NA	0.05	0.011	NA
58-89-9	gamma-BHC (Lindane) [C]	0.2	0.2	NA	NA	NA	0.052	NA
5103-74-2	gamma-Chlordane [C]	2	2	NA	NA	NA	0.052	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Semivolatiles (µg/l)								
634-66-2	1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.18	NA
634-90-2	1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	0.18	MA
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	NA	HA	19	NA
95-94-3	1,2,4,5-Tetrachlorobenzene	NA	NA	NA	HA	4	0.18	NA
120-82-1	1,2,4-Trichlorobenzene	70	70	NA	NA	NA	19	MA
95-50-1	1,2-Dichlorobenzene N	600	600	NA	NA	NA	27	NA
108-70-3	1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	19	MA
99-35-4	1,3,5-Trinitrobenzene N	NA	NA	NA	YA	60	0.18	MA
541-73-1	1,3-Dichlorobenzene N	600	NA	HA	HA	10	54	MA
99-65-0	1,3-Dinitrobenzene N	NA	HA	NA	NA	50	0.37	NA
106-46-7	1,4-Dichlorobenzene C	75	75	NA	NA	NA	0.44	NA
130-15-4	1,4-Naphthoquinone	NA	NA	NA	HA	HA	HA	NA
90-13-1	1-Chloronapthalene	NA	NA	NA	HA	HA	290	NA
90-12-0	1-Methylnaphthalene N	HA	NA	NA	NA	NA	NA	NA
134-32-7	1-Naphthylamine	NA	NA	MA	HA	HA	0.0005	NA
108-60-1	2,2'-oxybis(1-Chloropropane)	NA	NA	NA	HA	NA	NA	NA
58-90-2	2,3,4,6-Tetrachlorophenol N	NA	NA	NA	NA	210	110	NA
95-95-4	2,4,5-Trichlorophenol N	NA	NA	NA	NA	4	370	NA
88-06-2	2,4,6-Trichlorophenol C	NA	NA	NA	NA	10	6.1	NA
120-83-2	2,4-Dichlorophenol N	NA	NA	NA	NA	4	11	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Semivolatiles (µg/l)								
105-67-9	2,4-Dimethylphenol [N]	NA	NA	NA	NA	400	73	NA
51-28-5	2,4-Dinitrophenol [N]	NA	NA	NA	NA	30	73	NA
121-14-2	2,4-Dinitrotoluene [N]	NA	NA	NA	NA	0.2	73	NA
87-65-0	2,6-Dichlorophenol [N]	NA	NA	NA	NA	4	11	NA
606-20-2	2,6-Dinitrotoluene [N]	NA	NA	NA	NA	0.2	3.7	NA
91-58-7	2-Chloronaphthalene [N]	NA	NA	NA	NA	560	290	NA
95-57-8	2-Chlorophenol [N]	NA	NA	NA	NA	55	18	NA
99-55-8	2-Methyl-5-nitroaniline [C]	NA	NA	NA	NA	NA	2	NA
636-21-5	2-Methylaniline hydrochloride [C]	NA	NA	NA	NA	NA	0.37	NA
91-57-6	2-Methylnaphthalene [N]	NA	NA	NA	NA	NA	150	NA
95-48-7	2-Methylphenol (o-Cresol) [N]	NA	NA	NA	NA	350	180	NA
91-59-8	2-Naphthylamine [C]	NA	NA	NA	NA	NA	0.0005	NA
88-74-4	2-Nitroaniline [N]	NA	NA	NA	NA	75	0.22	NA
88-75-5	2-Nitrophenol [N]	NA	NA	NA	NA	20	230	NA
109-06-8	2-Picoline	NA	NA	NA	NA	NA	NA	NA
91-94-1	3,3'-Dichlorobenzidine [C]	NA	NA	NA	NA	75	0.15	NA
119-90-4	3,3'-Dimethoxybenzidine [C]	MA	NA	NA	NA	250	4.8	NA
119-93-7	3,3-Dimethylbenzidine [C]	NA	NA	NA	NA	250	0.0073	NA
56-49-5	3-Methylcholanthrene	NA	NA	NA	NA	NA	NA	NA
108-39-4	3-Methylphenol (m-Cresol)	NA	NA	NA	NA	350	180	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Semivolatiles (µg/l)								
99-09-2	3-Nitroaniline N	NA	NA	NA	NA	NA	11	NA
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA
92-67-1	4-hinobiphenyl	NA	NA	NA	NA	NA	NA	NA
101-55-3	4-Bromophenyl-phenylether N	NA	NA	NA	NA	NA	210	NA
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	NA	3,000	NA	NA
106-47-8	4-Chloroaniline N	NA	NA	NA	NA	28	15	NA
7005-72-3	4-Chlorophenylphenylether	NA	NA	NA	NA	10	NA	NA
106-44-5	4-Methylphenol (p-Cresol) N	NA	NA	NA	NA	35	18	NA
100-01-6	4-Nitroaniline N	NA	NA	NA	NA	NA	11	NA
100-02-7	4-Nitrophenol N	NA	NA	NA	NA	15	230	NA
56-57-5	4-Nitroquinoline 1-oxide	NA	NA	NA	NA	NA	NA	NA
57-97-6	7,12-Dimethybenz(a)anthracene C	NA	NA	NA	NA	NA	0.092	NA
83-32-9	Acenaphthm N	NA	NA	NA	NA	20	220	NA
208-96-8	Acenaphthylene N	NA	NA	NA	NA	10	150	NA
53-96-3	Acetamidofluorene	MA	NA	NA	NA	NA	NA	NA
98-86-2	Acetophenone N	NA	NA	NA	NA	700	0.0042	NA
62-53-3	Aniline C	NA	NA	NA	NA	6	1	YA
120-12-7	Anthracene N	NA	NA	NA	NA	2,100	1,100	NA
140-57-8	Aramite C	NA	NA	NA	NA	MA	27	NA
103-33-3	Azobenzene C	NA	NA	NA	NA	4	0.61	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Semivolatiles (µg/l)								
98-87-3	Benzal chloride	NA	NA	NA	NA	NA	NA	NA
101-14-4	Benzenamine, 4,4'-methylenebis[C	NA	NA	NA	NA	50	0.52	NA
92-87-5	Benzidine C	NA	NA	NA	NA	250	0.0002	NA
56-55-3	Benzo(a)anthracene	NA	NA	NA	NA	4	0.092	NA
50-32-8	Benzo(a)pyrene	2	0.2	NA	NA	NA	0.0092	NA
205-99-2	Benzo(b)fluoranthene	NA	NA	NA	NA	4	0.092	NA
191-24-2	Benzo(g,h,i)perylene N	NA	NA	NA	NA	10	150	NA
207-08-9	Benzo(k)fluoranthene	NA	NA	NA	NA	4	0.92	NA
65-85-0	Benzoic acid N	NA	NA	NA	NA	28,000	15,000	NA
98-07-7	Benzotrichloride C	NA	NA	NA	NA	NA	0.0052	NA
100-51-6	Benzyl alcohol N	NA	NA	NA	NA	2, 100	1,100	NA
39638-32-9	Bis(2-Chloroisopropyl)Ether	NA	NA	NA	NA	7.5	0.26	NA
85-68-7	Butylbenzylphthalate	NA	NA	NA	NA	1,400	730	NA
86-74-8	Carbazole	NA	NA	NA	NA	7.5	3.4	NA
218-01-9	Chrysene	NA	NA	NA	NA	5	9.2	NA
6055-19-2	Cyclophosphamide	NA	NA	NA	NA	NA	NA	NA
84-74-2	Di-n-butylphthalate N	NA	NA	NA	NA	700	370	NA
117-84-0	Di-n-octyl phthalate N	NA	NA	NA	NA	140	73	NA
53-70-3	Dibenz(a,h)anthracene	NA	NA	NA	NA	7.5	0.0092	NA
224-42-0	Dibenzo(a,j)acridine	NA	NA	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Semivolatiles (µg/l)								
132-64-9	Dibenzofuran N	NA	NA	NA	NA	NA	15	NA
84-66-2	Diethylphthalate	NA	NA	NA	NA	5,600	2,900	NA
131-11-3	Dimethyl phthalate N	NA	NA	NA	NA	70,000	37,000	NA
122-39-4	Diphenylamine 1	NA	NA	NA	NA	175	91	NA
97-63-2	Ethyl methacrylate	NA	NA	NA	NA	630	330	NA
62-50-0	Ethyl methanesulfonate	NA	NA	NA	NA	NA	NA	NA
206-44-0	Fluoranthene	NA	NA	NA	NA	280	150	NA
86-73-7	Fluorene N	NA	NA	NA	NA	280	150	NA
118-74-1								
87-68-3	Hexachlorobutadiene	NA	NA	NA	NA	15	0.14	NA
77-47-4	Hexachlorocyclopentadiene N	50	50	NA	NA	NA	0.15	NA
67-72-1	Hexachloroethane C	NA	NA	NA	NA	10	0.75	NA
70-30-4	Hexachlorophene N	NA	NA	NA	NA	6	1.1	NA
1888-71-7	Hexachloropropene	NA	NA	NA	NA	NA	NA	NA
122-66-7	Hydrazine, 1,2-diphenyl C	NA	NA	NA	NA	10	0.084	NA
193-39-5	Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	75	0.092	NA
78-59-1	Isophorone C	NA	NA	NA	NA	40	71	NA
120-58-1	Isosafrole	NA	NA	NA	NA	NA	NA	NA
91-80-5	nethapyrilene	NA	NA	NA	NA	NA	NA	NA
80-62-6	Methyl methacrylate N	NA	NA	NA	NA	25	290	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Semivolatiles (µg/l)								
66-27-3	Methyl methanesulfonate	NA	NA	NA	NA	NA	NA	NA
924-16-3	N-Nitroso-di-n-butylamine C	NA	NA	NA	NA	4	0.012	NA
621-64-7	1-11troso-di-n-propylamine C	NA	NA	NA	NA	4	0.0096	NA
55-18-5	N-Nitrosodiethylamine C	NA	NA	NA	NA	4	0.0004	NA
62-75-9	N-Nitrosodimethylamine C	NA	NA	NA	NA	75	0.0013	NA
86-30-6	N-Nitrosodiphenylamine C	NA	NA	NA	NA	7	14	W
10595-95-6	N-Nitrosomethylethylamine C	NA	NA	NA	NA	75	0.0031	NA
59-89-2	N-Nitrosomorpholine	NA	NA	NA	NA	NA	NA	NA
100-75-4	N-Nitrosopiperidine	NA	NA	NA	NA	NA	NA	NA
930-55-2	N-Nitrosopyrrolidine C	NA	NA	NA	NA	4	0.032	NA
91-20-3	Naphthalene N	NA	NA	NA	NA	68	150	NA
98-95-3	Nitrobenzene N	NA	NA	NA	NA	95	*0.34*	NA
123-63-7	Paraldehyde	NA	NA	NA	NA	NA	YA	NA
608-93-5	Pentachlorobenzene N	NA	NA	NA	NA	56	0.49	NA
76-01-7	Pentachloroethane	NA	NA	NA	NA	NA	NA	NA
82-68-8	Pentachloronitrobenzene C	NA	NA	NA	NA	15	0.041	NA
87-86-5	Pentachlorophenol C	1	1	NA	NA	NA	0.56	NA
62-44-2	Phenacetin	NA	NA	NA	NA	NA	NA	NA
85-01-8	Phenanthrene N	NA	NA	NA	NA	10	150	NA
108-95-2	Phenol N	NA	NA	NA	NA	10	2,200	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Semivolatiles (µg/l)								
23950-58-5	Pronamide [N]	NA	NA	NA	NA	525	270	NA
129-00-0	Pyrene [N]	NA	NA	NA	NA	210	110	NA
110-86-1	Pyridine [N]	NA	NA	NA	NA	7	3.7	NA
94-59-7	Safrole	NA	NA	NA	NA	NA	NA	NA
122-09-8	alpha, alpha-Dimethylphenethyla	NA	NA	NA	NA	NA	NA	NA
111-91-1	bis(2-Chloroethoxy)methane	NA	NA	NA	NA			
111-44-4	bis(2-Chloroethyl)ether [C]	NA	NA	NA	NA			
117-81-7						NA	*4.8*	NA
95-53-4	o-Toluidine	NA	NA	NA	NA	50	0.28	NA
60-11-7	p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA	NA	NA
106-50-3	p-Phenylenediamine [N]	NA	NA	NA	NA	1,330	690	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Volatiles (ug/l)								
106-93-4	1, 2-Dibromoethane C	0.02	0.02	NA	NA	NA	0.0007	NA
630-20-6	1,1,1,2-Tetrachloroethane C	NA	NA	NA	NA	1	0.41	NA
a11-97-2	1,1,1,2-Tetrafluoroethane	NA	NA	NA	NA	MA	NA	NA
71-55-6	1,1,1-Trichloroethane N	200	200	NA	NA	NA	79	NA
354-58-5	1,1,1-trichlora-2,2,2-trifLora	NA	HA	NA	NA	NA	HA	NA
79-34-5	1,1,2,2-Tetrachloroethane C	HA	NA	NA	NA	NA	0.052	NA
76-13-1	1,1,2-Trichloro-1,2,2- trifluor	HA	NA	NA	NA	NA	5,900	NA
79-00-5	1,1,2-Trichloroethane C	5	5	NA	NA	NA	0.19	NA
598-77-6	1,1,2-Trichloropropane N	NA	NA	NA	NA	NA	3	NA
75-34-3	1,1-Dichloroethane N	NA	NA	NA	NA	700	81	NA
75-35-4	1,1-Dichloroethene C	7	7	NA	NA	NA	0.044	NA
75-37-6	1,1-Difluoroethane	NA	NA	NA	NA	NA	NA	NA
96-18-4	1,2,3-Trichloropropane C	HA	NA	NA	NA	42	0.0015	NA
96-19-5	1,2,3-Trichloropropene N	NA	NA	NA	NA	NA	3	NA
615-54-3	1,2,4-Tribromobenzene W	NA	NA	NA	NA	NA	3	NA
120-82-1	1,2,4-Trichlorobenzene N	70	70	NA	NA	NA	19	NA
96-12-8	1,2-Dibromo-3-Chloropropane C	0.2	0.2	NA	NA	NA	0.048	NA
107-06-2	1,2-Dichloroethane C	5	3	NA	NA	NA	0.12	NA
540-59-0	1,2-Dichloroethene (total) N	70	70	NA	NA	NA	5.5	NA
78-87-5	1.2-Dichloropropane C	5	5	NA	NA	NA	0.16	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Volatiles (µg/l)								
106-99-0	1,3-Butadiene	NA	NA	NA	NA	NA	0.011	NA
542-75-6	1,3-Dichloropropene C	NA	NA	NA	NA	1	0.077	NA
106-37-6	1,4-Dibromobenzene N	NA	NA	NA	NA	NA	6.1	NA
764-41-0	1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	0.0011	NA
123-91-1	1,4-Dioxane C	NA	NA	NA	NA	5	6.1	NA
75-68-3	1-Chloro-1,1-difluoroethane	NA	NA	NA	NA	NA	8,700	NA
109-69-3	1-Chlorobutane N	NA	NA	NA	NA	NA	240	NA
78-93-3	2-Butanone (MEK) N	NA	NA	NA	NA	4,200	190	NA
126-99-8	2-Chloro-1,3-butadiene N	NA	NA	NA	NA	NA	1.4	NA
110-75-8	2-Chlorocthyl vinyl ether N	NA	NA	NA	NA	1	15	NA
75-29-6	2-Chloropropane	NA	NA	MA	NA	NA	NA	NA
591-78-6	2-Hexam	NA	NA	NA	NA	NA	NA	NA
101-68-8	4,4'-Methylenediphenyl isocyana	NA	NA	NA	NA	NA	0.0035	NA
108-10-1	4-Methyl-2-Pentanone (MIBK) N	NA	NA	NA	NA	350	290	NA
67-64-1	Acetone N	NA	NA	NA	NA	700	370	NA
75-05-8	Acetonitrile N	NA	NA	MA	NA	500	22	NA
107-02-8	Acrolein N	NA	NA	NA	NA	110	73	NA
107-13-1	*Acrylonitrile* C	NA	NA	NA	NA	8	0.12	NA
107-05-1	Allyl chloride N	NA	NA	NA	NA	NA	180	NA
100-52-7	Benzaldehyde N	NA	NA	NA	NA	700	61	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Volatiles (mg/l)								
71-43-2	Benzene C	5	1	NA	NA	1	0.36	NA
95-63-6	Benzene, 1,2,4-trimethyl N	NA	NA	NA	NA	10	30	NA
108-67-8	Benzene, 1,3,5-trimethyl- N	NA	NA	NA	NA	10	30	NA
100-44-7	Benzyl chloride C	NA	NA	NA	NA	05	0.062	NA
542-88-1	Bis(chloromethyl)ether C	NA	NA	HA	NA	10	0.0001	NA
75-27-4	Bromodichloromethane C	100	NA	HA	NA	0.6	0.17	NA
593-60-2	Bromoethene	NA	NA	NA	NA	NA	0.096	NA
75-25-2	Bromoform C	100	NA	NA	NA	4	24	NA
74-83-9	Bromomethane N	NA	NA	NA	NA	10	0.87	NA
75-15-0	Carbon disulfide W	NA	NA	NA	NA	700	100	NA
56-23-5	Carbon tetrachloride C	5	3	NA	NA	3	0.16	NA
108-90-7	Chlorobenzene N	NA	NA	NA	NA	NA	3.9	NA
75-45-6	Chlorodifluoromethane	NA	NA	NA	NA	NA	8,700	HA
75-00-3	Chloroethane N	NA	NA	NA	NA	140	860	NA
67-66-3	Chloroform C	100	NA	HA	NA	6	0.15	NA
74-87-3	Chloromethane C	NA	NA	NA	NA	2.7	14	NA
1476-11-5	Cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	0.0011	NA
4170-30-3	Crotonaldehyde	NA	NA	NA	NA	NA	NA	NA
108-94-1	Cyclohexanone N	NA	NA	NA	NA	35,000	3,000	NA
1163-19-5	Decabromodiphenyl ether N	NA	NA	NA	NA	NA	6.1	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Volatiles (µg/l)								
124-48-1	Dibromochloromethane [C]	NA	NA	NA	NA	1	0.13	NA
75-71-8	Dichlorodifluoromethane	NA	NA	NA	NA	1,400	39	NA
77-73-6	Dicyclopentadiene [N]	NA	NA	NA	NA	NA	0.042	NA
60-29-7	Diethyl ether [N]	NA	NA	NA	NA	750	120	NA
107-12-0	Ethyl cyanide	NA	NA	NA	NA	NA	NA	NA
100-41-4	Ethylbenzene	700	700	NA	30	NA	130	NA
87-82-1	Hexabromobenzene [N]	NA	NA	NA	NA	NA	1.2	NA
78-83-1	Isobutyl alcohol	NA	NA	NA	NA	2,100	180	NA
126-98-7	Methacrylonitrile [N]	NA	NA	NA	NA	50	0.37	NA
74-88-4	Methyl iodide	NA	NA	NA	NA	NA	NA	NA
98-83-9	Methyl styrene (alpha)	NA	NA	NA	NA	NA	43	NA
25013-15-4	Methyl styrene (mixture)	NA	NA	NA	NA	NA	NA	NA
1634-04-4	Methyl tert-butyl ether [N]	NA	NA	NA	NA	50	18	NA
74-95-3	Methylene bromide	NA	NA	NA	NA	NA	6.1	NA
75-09-2	Methylene chloride [C]	5	5	NA	NA	NA	4.1	NA
100-42-5	Styrene [N]	100	100	NA	NA	NA	160	NA
127-18-4	Tetrachloroethene	5	3	NA	NA	NA	1.1	NA
109-99-9	Tetrahydrofuran	NA	NA	NA	NA	NA	NA	NA
108-88-3	Toluene [N]	1,000	1,000	NA	40	NA	75	NA
79-01-6	Trichloroethene [C]	5	3	NA	NA	NA	1.6	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FGGC	RBC TAP	NASP Reference Concentration
Volatiles (µg/l)								
75-69-4	Trichlorofluoromethane [N]	NA	NA	NA	NA	2,100	130	NA
108-05-4	Vinyl acetate [N]	NA	NA	NA	NA	250	3,700	NA
75-01-4	Vinyl chloride [C]	2	1	NA	NA	NA	0.019	NA
1330-20-7	Xylem (Total) [N]	10,000	10,000	NA	20	NA	1,200	NA
156-59-2	cis-1,2-Dichloroethene [N]	70	70	NA	NA	NA	6.1	NA
10061-01-5	cis-1,3-Dichloropropene [C]	NA	NA	NA	NA	1	0.077	NA
99-08-1	m-Nitrotoluene [N]	NA	NA	NA	NA	NA	6.1	NA
108-38-3	m-Xylene	10,000	10,000	NA	20	NA	140	NA
110-54-3	n-Hexane [N]	NA	NA	NA	NA	10	35	NA
95-49-8	o-Chlorotoluene [N]	NA	NA	NA	NA	140	12	NA
88-72-2	o-Nitrotoluene [N]	NA	NA	NA	NA	NA	6.1	NA
95-47-6	o-Xylene [N]	10,000	10,000	NA	20	NA	140	NA
5216-25-1	p,a, a,a-Tetrachlorotoluene [C]	NA	NA	NA	NA	NA	0.0005	NA
W-W-o	p-Nitrotoluene [N]	NA	NA	NA	NA	NA	6.1	NA
106-42-3	p-Xylene	10,000	10,000	NA	20	NA	52	NA
135-IXI-8	sec-Butylbenzene [N]	NA	NA	NA	NA	NA	6.1	NA
104-51-8	tert-Butylbenzene [N]	NA	NA	NA	NA	NA	6.1	NA
156-60-5	trans-1,2-Dichloroethene [N]	100	100	NA	NA	NA	12	NA
10061-02-6	trans-1,3-Dichloropropene [C]	NA	NA	NA	NA	1	0.077	NA
110-57-6	trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	0.0011	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Inorganics (mg/kg)					
7429-90-5	Aluminum (Al) N	NA	NA	NA	NA
7440-36-0	Antimony (Sb) N	12	NA	11	NA
7440-38-2	Arsenic (As) N	7.24	7.24	NA	NA
7440-39-3	Barium (Ba) N	NA	NA	NA	NA
7440-41-7	Beryllium (Be) C	NA	NA	NA	NA
7440-43-9	Cadmium (Cd) N	1	0.676	NA	NA
7440-70-2	Calcium (Ca)	NA	NA	NA	NA
7440-47-3	Chromium (Cr)	52.3	52.3	NA	NA
18540-29-9	Chromium (Hexavalent) N	NA	NA	NA	NA
7440-48-4	Cobalt (Co)	NA	NA	NA	NA
7440-50-8	Copper (Cu) N	18.7	18.7	NA	NA
57-12-5	Cyanide (CN)	NA	NA	NA	NA
7439-89-6	Iron (Fe)	NA	NA	NA	NA
7439-92-1	Lead (Pb)	30.2	30.2	NA	NA
7439-95-4	Magnesium (Mg)	NA	NA	NA	NA
7439-96-5	Manganese (Mn) N	NA	NA	NA	NA
7439-97-6	Mercury (Hg) N	0.13	0.13	NA	NA
7440-02-0	Nickel (Ni) N	15.9	15.9	NA	NA
7440-09-7	Potassium (K)	NA	NA	NA	NA
7782-49-2	Seleniun (Se) N	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Inorganics (mg/kg)					
7440-22-4	Silver (Ag) [N]	2	0.733	NA	NA
7440-23-5	Sodium (Na)	NA	NA	NA	NA
7440-28-0	Thallium (Tl)	NA	NA	NA	NA
7440-31-5	Tin (Sn) [N]	NA	NA	NA	NA
7440-62-2	Vanadium (V) [N]	NA	NA	NA	NA
7440-66-6	Zinc (Zn) [N]	124	124	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Pesticides (µg/kg)					
93-76-5	2,4,5-Trichlorophenoxyacetic ac N	NA	NA	NA	Ma
94-75-7	2,4-Dichlorophenoxyacetic Acid N	NA	NA	NA	NA
93-72-1	2-(2,4,5-Trichlorophenoxy)propi N	NA	NA	NA	NA
72-54-8	4,4'-DDD C	3.3	1.22	NA	NA
72-55-9	4,4'-DDE C	3.3	2.07	NA	NA
50-29-3	4,4'-DDT C	3.3	1.19	NA	MA
94-82-6	4-(2,4-Dichlorophenoxy)butyric N	NA	NA	NA	NA
309-00-2	Aldrin C	NA	NA	NA	NA
12674-11-2	Aroclor-1016 N	33	21.6	NA	NA
11104-28-2	Aroclor-1221 C	21.6	67	NA	NA
11141-16-5	Aroclor-1232 C	21.6	33	NA	NA
53469-21-9	Aroclor-1242 C	21.6	33	NA	NA
12672-29-6	Aroclor-1248 C	21.6	33	NA	NA
11097-69-1	Aroclor-1254 N	21.6	33	NA	NA
11096-82-5	Aroclor-1260 C	21.6	33	NA	NA
57-74-9	Chlordane C	1.7	2.26	NA	NA
510-15-6	Chlorobenzilate C	NA	NA	NA	MA
2303-16-4	Diallate C	NA	NA	NA	NA
60-57-1	Dieldrin C	3.3	0.715	NA	NA
60-51-5	Dimethoate N	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Pesticides (µg/kg)					
88-85-7	Dinoseb N	NA	NA	NA	HA
298-04-4	Disulfoton N	NA	NA	NA	NA
959-98-8	Endosulfan I N	NA	NA	NA	HA
33213-65-9	Endosulfan II N	NA	HA	NA	HA
1031-07-8	Endosulfan sulfate N	NA	NA	NA	HA
72-20-8	Endrin N	3.3	NA	NA	HA
7421-93-4	Endrin aldehyde N	3.3	NA	NA	NA
53494-70-5	Endrin ketone N	3.3	NA	NA	NA
52-85-7	Famphur	NA	NA	NA	NA
76-44-8	Heptachlor C	NA	NA	NA	NA
1024-57-3	Heptachlor epoxide C	NA	NA	NA	HA
465-73-6	Isodrin P	HA	NA	NA	NA
143-50-0	Kepone C	NA	NA	NA	NA
72-43-5	Methoxychlor N	NA	HA	NA	NA
298-00-0	Methyl parathion N	NA	NA	NA	NA
126-68-1	O,O,O-Triethylphosphorothioate	NA	NA	NA	NA
56-38-2	Parathion N	NA	NA	NA	NA
298-02-2	Phorate N	NA	NA	NA	NA
3689-24-5	Tetraethyldithiopyrophosphate N	NA	NA	NA	NA
297-97-2	Thionazin	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
8001-35-2	Toxaphene [C]	NA	NA	NA	NA
319-84-6	alpha-BHC [C]	NA	NA	NA	NA
5103-71-9	alpha-Chlordane [C]	NA	NA	NA	NA
319-85-7	beta-BHC [C]	NA	NA	NA	MA
319-86-8	delta-BHC [C]	NA	NA	NA	NA
58-89-9	gamma-BHC (Lindane) [C]	3.3	0.32	NA	NA
5103-74-2	gamma-Chlordane [C]	NA	NA	NA	MA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	[redacted]	TEL	W Reference Concentration
Semivolatiles (ug/kg)					
634-66-2	1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
634-90-2	1,2,3,5-Tetrachlorobenzene	NA	NA	HA	NA
87-61-6	1,2,3-Trichlorobenzene	HA	NA	HA	NA
95-94-3	1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene	NA	NA	HA	NA
95-50-1	1,2-Dichlorobenzene W	NA	NA	HA	NA
122-66-7	1,2-Diphenylhydrazine	NA	NA	HA	NA
108-70-3	1,3,5-Trichlorobenzene	NA	NA	NA	HA
99-35-4	1,3,5-Trinitrobenzene	NA	NA	NA	NA
541-73-1	1,3-Dichlorobenzene W	NA	NA	NA	NA
99-65-0	1,3-Dinitrobenzene	NA	NA	NA	NA
106-46-7	1,4-Dichlorobenzene	NA	NA	HA	NA
130-15-4	1,4-Naphthoquinone	NA	NA	NA	NA
90-13-1	1-Chloronapthalene	NA	NA	NA	NA
90-12-0	1-Methylnaphthalene	NA	NA	NA	NA
134-32-7	1-Naphthylamine	NA	NA	NA	NA
108-60-1	2,2'-oxybis(1-Chloropropane)	NA	NA	NA	NA
58-90-2	2,3,4,6-letrach Brophenol N	NA	NA	NA	NA
95-95-4	2,4,5-Tr ichlorophenol W	NA	HA	NA	NA
88-06-2	2,4,6-Trichlorophenol C	NA	NA	MA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Semivolatiles (µg/kg)					
120-83-2	2,4-Dichlorophenol N	NA	NA	NA	NA
105-67-9	2,4-Dimethylphenol N	NA	NA	NA	NA
51-28-5	2,4-Dinitrophenol N	NA	NA	NA	NA
121-14-2	2,4-Dinitrotoluene N	NA	NA	NA	NA
87-65-0	2,6-Dichlorophenol N	NA	NA	NA	NA
606-20-2	2,6-Dinitrotoluene N	NA	NA	NA	NA
91-58-7	2-Chloronaphthalene N	NA	NA	NA	NA
95-57-8	2-Chlorophenol N	NA	NA	NA	NA
99-55-8	2-Methyl-5-nitroaniline C	NA	NA	NA	NA
95-53-4	2-Methylmi Line C	NA	NA	NA	NA
636-21-5	2-Methylmiline hydrochloride C	NA	NA	NA	NA
91-57-6	2-Methylnaphthalene N	330	20.2	NA	NA
95-48-7	2-Methylphenol (0-Cresol) N	NA	NA	NA	NA
91-59-8	2-Naphthylamine C	NA	NA	NA	NA
88-74-4	2-11troaniline N	NA	NA	NA	NA
88-75-5	2-Nitrophenol N	NA	NA	NA	NA
109-06-8	2-Picoline	NA	NA	NA	NA
91-94-1	3,3'-Dichlorobenzidine C	NA	NA	NA	NA
119-90-4	3,3'-Dimethoxybenzidine C	NA	NA	NA	NA
119-93-7	3,3'-Dimethylbenzidine	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Semivolatiles (µg/kg)					
56-49-5	3-Ikthylcholnthrm	NA	NA	NA	NA
108-39-4	3-Ikthylphmol (m-Cresol)	NA	NA	NA	NA
99-09-2	3-Nitroaniline N	NA	NA	NA	NA
101-14-4	4,4'-Methylene bis(2-chloroanil C	NA	NA	NA	NA
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	NA
92-67-1	4-Aminobiphenyl	NA	NA	NA	NA
101-55-3	4-Bromophenyl-phenylether N	NA	NA	NA	NA
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	NA
106-47-8	4-Chloroaniline N	NA	NA	NA	NA
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	NA
106-44-5	4-Methylphenol (p-Cresol) N	NA	NA	NA	NA
100-01-6	4-litrmilin N	NA	NA	NA	NA
100-02-7	4-Nitrophenol N	NA	NA	NA	NA
56-57-5	4-Nitroquinoline 1-oxide	W	NA	NA	NA
57-97-6	7,12-Dimethybenz(a)anthracene C	NA	NA	NA	NA
83-32-9	Acenaphthene N	330	6.71	NA	NA
208-96-8	Acenaphthylene N	330	5.87	NA	NA
53-96-3	Acetamidofluorene	NA	NA	NA	NA
98-86-2	Acetophenone N	NA	NA	NA	NA
62-53-3	Aniline C	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Semivolatiles (µg/kg)					
120-12-7	Anthracene N	330	46.9	NA	NA
140-57-8	Aramite C	NA	NA	NA	NA
103-33-3	Azobenzene C	NA	NA	NA	NA
98-87-3	Benzal chloride	NA	NA	NA	NA
92-87-5	Benzidine C	NA	NA	NA	NA
56-55-3	Benzo(a)anthracene	330	74.8	NA	NA
50-32-8	Benzo(a)pyrene	330	88.8	NA	NA
205-99-2	Benzo(b)fluoranthene	NA	NA	NA	NA
191-24-2	Benzo(g,h,i)perylene N	NA	NA	NA	NA
207-08-9	Benzo(k)fluoranthene	NA	NA	NA	NA
65-85-0	Benzoic acid N	NA	NA	NA	NA
98-07-7	Benzotrichloride C	NA	NA	NA	NA
100-51-6	Benzyl alcohol N	NA	NA	NA	NA
39638-32-9	Bis(2-Chloroisopropyl)Ether C	NA	NA	NA	NA
85-68-7	Butylbenzylphthalate N	NA	NA	NA	NA
86-74-8	Carbazole	NA	NA	NA	NA
218-01-9	Chrysene	330	108	NA	NA
6055-19-2	Cyclophosphamide	NA	NA	NA	NA
84-74-2	Di-n-butylphthalate N	NA	NA	NA	NA
117-84-0	Di-n-octyl phthalate N	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Semivolatiles (µg/kg)					
53-70-3	Dibenz(a,h)anthracene	330	6.22	HA	NA
224-42-0	Dibenzo(a,j)acridine	NA	NA	NA	NA
132-64-9	Dibenzofuran [N]	NA	NA	NA	NA
84-66-2	Diethylphthalate [N]	NA	HA	HA	NA
131-11-3	Dimethyl phthrlrte [N]	NA	NA	HA	NA
122-39-4	Diphenylamine [N]	HA	HA	NA	NA
97-63-2	Ethyl methacrylate [N]	NA	NA	NA	HA
62-50-0	Ethyl methanesulfonate	NA	NA	NA	NA
206-44-0	Fluoranthene [N]	330	113	NA	HA
86-73-7	Fluorene'	330	21.2	HA	NA
118-74-1	Hexachlorobenzene [C]	NA	HA	HA	NA
87-68-3	Hexachlorobutadiene [C]	NA	NA	NA	NA
77-47-4	Hexachlorocyclopentadiene [N]	NA	HA	NA	NA
67-72-1	Hexachloroethane [C]	NA	NA	NA	NA
70-30-4	Hexachlorophene [N]	HA	HA	NA	NA
1888-71-7	Hexrchloropropene	NA	NA	NA	HA
193-39-5	Indeno(1,2,3-cd)pyrene	NA	NA	MA	NA
78-59-1	Isophorone [C]	NA	NA	NA	NA
120-58-1	Isosafrole	NA	NA	NA	NA
91-80-5	Methapyrilene	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	[redacted]	TEL	NASP Reference Concentration
Semivolatiles (µg/kg)					
80-62-6	Methyl methacrylate [N]	NA	NA	NA	NA
66-27-3	Methyl methanesulfonate	NA	NA	NA	NA
10595-95-6	N-Nitroso-N-methylethylamine [C]	NA	NA	NA	NA
621-64-7	N-Nitroso-di-n-propylamine [C]	NA	NA	NA	NA
924-16-3	N-Nitrosodi-n-butylamine [C]	NA	NA	NA	NA
55-18-5	N-Nitrosodiethylamine [C]	NA	NA	NA	NA
62-75-9	N-Nitrosodimethylamine [C]	NA	NA	NA	NA
86-30-6	N-Nitrosodiphenylamine [C]	NA	NA	NA	NA
59-89-2	N-Nitrosomorpholine	NA	NA	NA	NA
100-75-4	N-Nitrosopiperidine	NA	NA	NA	NA
930-55-2	N-Nitrosopyrrolidine [C]	NA	NA	NA	NA
91-20-3	Naphthalene [N]	330	34.6	NA	NA
98-95-3	Nitrobenzene [N]	NA	NA	NA	NA
123-63-7	Paraldehyde	NA	NA	NA	NA
608-93-5	Pentachlorobenzene [N]	NA	NA	NA	NA
76-01-7	Pentachloroethane	NA	NA	NA	NA
82-68-8	Pentachloronitrobenzene [C]	NA	NA	NA	NA
87-86-5	Pentachlorophenol [C]	NA	NA	NA	NA
62-44-2	Phenacetin	NA	NA	NA	NA
85-01-8	Phenanthrene [N]	330	86.7	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	[redacted]	E L	NASP Reference Concentration
Semivolatiles (µg/kg)					
108-95-2	Phenol [N]	NA	HA	HA	HA
23950-58-5	Pronamide [N]	HA	NA	HA	NA
129-00-0	Pyrene [N]	330	153	HA	NA
110-86-1	Pyridine [N]	HA	HA	HA	NA
94-59-7	Safrole	NA	NA	NA	NA
122-09-8	alpha, alpha-Dimethylphenethyla	NA	HA	NA	NA
111-91-1	bis(2-Chloroethoxy)methane	NA	HA	HA	NA
111-44-4	bis(2-Chloroethyl)ether [C]	HA	NA	HA	NA
117-81-7	bis(2-Ethylhexyl)phthalate (BEH [C]	182	182	HA	HA
60-11-7	p-Dimethylaminoazobenzene	NA	NA	NA	NA
106-50-3	p-Phenylenediamine [N]	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	Reference Concentration
Volatiles (µg/kg)					
630-20-6	1,1,1,2-Tetrachloroethane C	NA	NA	NA	NA
811-97-2	1,1,1,2-Tetrafluoroethane	NA	NA	NA	NA
71-55-6	1,1,1-Trichloroethane N	NA	NA	NA	NA
354-58-5	1,1,1-trichlora-2,2,2-triflorom	NA	NA	NA	NA
79-34-5	1,1,2,2-Tetrachloroethane C	NA	NA	NA	NA
76-13-1	1,1,2-Trichloro-1,2,2- trifluor N	NA	NA	NA	NA
79-00-5	1,1,2-Trichloroethane C	NA	NA	NA	NA
598-77-6	1,1,2-Trichloropropane N	NA	NA	NA	NA
75-34-3	1,1-Dichloroethane N	NA	NA	NA	NA
75-35-4	1,1-Dichloroethylene C	NA	NA	NA	NA
75-37-6	1,1-Difluoroethane	NA	NA	NA	NA
96-18-4	1,2,3-Trichloropropane C	NA	NA	NA	MA
96-19-5	1,2,3-Trichloropropene N	NA	NA	NA	MA
615-54-3	1,2,4-Tribromobenzene N	NA	NA	NA	MA
120-82-1	1,2,4-Trichlorobenzene N	NA	NA	NA	MA
95-63-6	1,2,4-Trimethylbenzene N	NA	NA	NA	NA
96-12-8	1,2-Dibromo-3-chloropropane C	NA	NA	NA	NA
106-93-4	1,2-Dibromoethane C	NA	NA	NA	MA
107-06-2	1,2-Dichloroethane C	NA	NA	NA	MA
540-59-0	1,2-Dichloroethene (total) N	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Volatiles (µg/kg)					
156-59-2	1,2-Dichloroethylene (cis) N	NA	NA	NA	NA
156-60-5	1,2-Dichloroethylene (trans) N	NA	NA	NA	NA
78-87-5	1,2-Dichloropropane C	NA	NA	NA	NA
108-67-8	1,3,5-Trimethylbenzene N	NA	NA	NA	NA
106-99-0	1,3-Butadiene	NA	NA	NA	W
542-75-6	1,3-Dichloropropene C	NA	NA	NA	W
106-37-6	1,4-Dibromobenzene N	NA	NA	NA	NA
764-41-0	1,4-Dichloro-2-butene	NA	NA	NA	NA
123-91-1	1,4-Dioxane C	NA	NA	NA	NA
75-68-3	1-Chloro-1,1-difluoroethane	NA	NA	NA	NA
109-69-3	1-Chlorobutane N	NA	NA	NA	NA
78-93-3	2-Butanone (MEK) N	NA	NA	NA	HA
126-99-8	2-Chloro-1,3-butadiene N	NA	NA	NA	NA
110-75-8	2-Chloroethyl vinyl ether N	NA	NA	NA	NA
75-29-6	2-Chloropropane	NA	NA	NA	NA
591-78-6	2-Hexanone	NA	NA	NA	HA
101-68-8	4,4'-Methylenediphenyl isocyana	NA	NA	NA	NA
108-10-1	4-Methyl-2-Pentanone (MIBK) N	NA	NA	NA	NA
67-64-1	Acetone N	NA	NA	NA	WA
75-05-8	Acetonitrile N	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Volatiles (µg/kg)					
107-02-8	Acrolein N	NA	NA	NA	NA
107-13-1	Acrylonitrile C	NA	NA	NA	NA
107-05-1	Allyl chloride N	NA	NA	NA	NA
100-52-7	Benzaldehyde N	NA	NA	NA	NA
71-43-2	Benzene C	NA	NA	NA	NA
100-44-7	Benzyl chloride C	NA	NA	NA	NA
542-88-1	Bis(chloromethyl)ether C	NA	NA	NA	NA
75-27-4	Bromodichloromethane C	NA	NA	NA	NA
593-60-2	Bromoethene	NA	NA	NA	NA
75-25-2	Bromoform C	NA	NA	NA	NA
74-83-9	Bromomethane N	NA	NA	NA	NA
56-23-5	Carbon Tetrachloride C	NA	NA	NA	NA
75-15-0	Carbon disulfide N	NA	NA	NA	NA
108-90-7	Chlorobenzene N	NA	NA	NA	NA
75-45-6	Chlorodifluoromethane	NA	NA	NA	NA
75-00-3	Chloroethane N	NA	NA	NA	NA
	C				
	C				
4170-30-3	Crotonaldehyde	NA	MA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Volatiles (µg/kg)					
108-94-1	Cyclohexanone [N]	NA	HA	HA	HA
1163-19-5	Decabromodiphenyl ether [N]	NA	HA	NA	HA
124-48-1	Dibromochloromethane [C]	an	an	an	HA
75-71-8	Dichlorodifluoromethane [N]	NA	NA	tu	NA
77-73-6	Dicyclopentadiene [N]	NA	NA	HA	HA
107-12-0	Ethyl cyanide	HA	HA	NA	tu
60-29-7	Ethyl ether [N]	NA	NA	HA	NA
100-41-4	Ethylbenzene [N]	NA	HA	NA	HA
87-82-1	Hexabromobenzene [N]	HA	NA	HA	NA
78-83-1	Isobutanol [N]	NA	HA	NA	NA
126-98-7	Methacrylonitrile [N]	NA	NA	HA	NA
74-88-4	Methyl iodide	NA	NA	NA	NA
98-83-9	Methyl styrene (alpha) [N]	NA	NA	NA	NA
25013-15-4	Methyl styrene (mixture) [N]	NA	NA	HA	HA
1634-04-4	Methyl tertbutyl ether (MTBE) [N]	NA	NA	NA	NA
74-95-3	Methylene bromide [N]	NA	NA	NA	NA
75-09-2	Methylene chloride [C]	NA	NA	NA	NA
100-42-5	Styrene [W]	NA	NA	NA	NA
127-18-4	Tetrachloroethene [C]	NA	NA	NA	NA
109-99-9	Tetrahydrofuran	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Volatiles (µg/kg)					
108-88-3	Toluene N	NA	NA	NA	NA
79-01-6	Trichloroethene C	NA	NA	NA	NA
75-69-4	Trichlorofluoromethane N	NA	NA	NA	NA
108-05-4	Vinyl acetate N	NA	NA	NA	NA
75-01-4	Vinyl chloride C	NA	NA	NA	NA
1330-20-7	Xylene (Total) N	NA	NA	NA	NA
10061-01-5	cis-1,3-Dichloropropene I	NA	NA	NA	NA
99-08-1	m-Nitrotoluene N	NA	NA	NA	NA
108-38-3	m-Xylene N	NA	NA	NA	NA
110-54-3	n-Hexane N	NA	NA	NA	NA
88-73-3	o-Chloronitrobenzene C	NA	NA	NA	NA
95-49-8	o-Chlorotoluene N	NA	NA	NA	NA
88-72-2	0-Nitrotoluene N	NA	NA	NA	NA
95-47-6	o-Xylene N	NA	NA	NA	NA
5216-25-1	p,a,a,a-Tetrachlorotoluene C	NA	NA	NA	NA
100-00-5	p-Chloronitrobenzene C	NA	NA	NA	NA
99-99-0	p-Nitrotoluene N	NA	NA	NA	NA
106-42-3	p-Xylene	NA	NA	NA	NA
135-98-8	sec-Butylbenzene N	NA	NA	NA	NA
104-51-8	tert-Butylbenzene N	NA	NA	NA	NA

Sediment Quality Screening Criteria

CAS #	Parameter	EPA SSVs	FDEP SQAGs	TEL	NASP Reference Concentration
Volatiles (µg/kg)					
10061-02-6	trans-1,3-Dichloropropene [C]	NA	NA	NA	NA
110-57-6	trans-1,4-Dichloro-2-butene	NA	NA	NA	NA

Appendix C

Sample Values Exceeding PRGs

Soil Concentrations Exceeding PRGs

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (mg/kg)								
7429-90-5	Aluminum (Al) N							
		009-S-0004-01	02/01/94	8,050.	J	7,800.	USEPA-RBC	1,661.
7440-38-2	Arsenic (As) C							
		009-S-0002-01	02/02/94	2.5		0.43	USEPA-RBC	1.56
		009-S-0003-01	02/01/94	1.5		0.43	USEPA-RBC	1.56
		009-S-0004-01	02/01/94	2.5		0.43	USEPA-RBC	1.56
		009-S-0005-01	02/01/94	1.2		0.43	USEPA-RBC	1.56
		009-S-0007-01	02/01/94	1.5		0.43	USEPA-RBC	1.56
		009-S-0008-01	02/01/94	0.78		0.43	USEPA-RBC	1.56
		009-S-0009-01	02/01/94	1.3		0.43	USEPA-RBC	1.56
7439-89-6	Iron (Fe) N							
		009-S-0002-01	02/02/94	2,890.	J	2,300.	USEPA-RBC	2,745.
		009-S-0004-01	02/01/94	5,180.	J	2,300.	USEPA-RBC	2,745.
		009-S-0007-01	02/01/94	2,810.	J	2,300.	USEPA-RBC	2,745.
		009-S-0009-01	02/01/94	2,560.	J	2,300.	USEPA-RBC	2,745.
7439-W-5	Manganese (Mn) N							
		009-S-0004-01	02/01/94	635.	J	180.	USEPA-RBC	21.36
		009-S-0007-01	02/01/94	323.	J	180.	USEPA-RBC	21.36
		009-S-0009-01	02/01/94	400.	J	180.	USEPA-RBC	21.36

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/kg)							
72-55-9 4,4'-DDE [C]							
	009-S-0003-03	02/01/94	210.		200.	FDEP-CGL	HA
60-57-1 Dieldrin [C]							
	009-S-0003-03	02/01/94	5.3	J	1.	USEPA-SSL	HA
	009-S-0005-01	02/01/94	62.		40.	USEPA-RBC	HA
	009-S-0007-01	02/01/94	59.		40.	USEPA-RBC	NA
	009-S-0008-03	02/01/94	5.3		1.	USEPA-SSL	NA

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/kg)								
56-55-3	Benzo(a)anthracene C	OW-S-0002-01	02/02/94	6,000.		880.	USEPA-RBC	NA
50-32-8	Benzo(a)pyrene C	OW-S-0002-01	02/02/94	4,100.		88.	USEPA-RBC	NA
205-99-2	Benzo(b)fluoranthene C	009-S-0002-01	02/02/94	5,600.		880.	USEPA-RBC	NA
53-70-3	Dibenz(a,h)anthracene C	009-S-0002-01	02/02/94	550.	J	88.	USEPA-RBC	NA
193-39-5	Indeno(1,2,3-cd)pyrene C	009-S-0002-01	02/02/94	1,400.		880.	USEPA-RBC	NA

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	Reference Concentration
Volatiles (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (mg/kg)							
7429-90-5 Aluminum (Al) N							
	009-S-0018-01	05/23/94	13,400.		7,800.	USEPA-RBC	1,661.
7440-36-0 Antimony (Sb) N							
	009-s-0018-01	05/23/94	137.	J	3.1	USEPA-RBC	2.912
7440-38-2 Arsenic (As) C							
	009-S-0018-01	05/23/94	18.8		0.43	USEPA-RBC	1.56
	009-S-0028-02	06/05/96	21.4		15.	USEPA-SSL	1.56
7440-39-3 Barium (Be) N							
	009-S-0018-01	05/23/94	2,940.		550.	USEPA-RBC	4.63
	OW-S-0018-03	05/23/94	945.		32.	USEPA-SSL	4.63
	009-S-0028-02	06/05/96	421.		32.	USEPA-SSL	4.63
	009-S-0029-03	06/05/96	58.4		32.	USEPA-SSL	4.63
	OW-S-0030-03	06/05/96	137.		32.	USEPA-SSL	4.63
	009-S-0031-03	06/05/96	254.		32.	USEPA-SSL	4.63
7440-43-9 Cadmium (Cd) N							
	009-S-0018-01	05/23/94	37.7		3.9	USEPA-RBC	1.
	009-S-0018-03	05/23/94	12.3		6.	USEPA-SSL	1.
	009-S-0031-03	06/05/96	6.9		6.	USEPA-SSL	1.
7440-50-8 Copper (Cu) N							
	009-S-0018-01	05/23/94	47,700.		310.	USEPA-RBC	5.74
7439-89-6 Iron (Fe) N							
	009-S-0018-01	05/23/94	41,700.		2,300.	USEPA-RBC	2,745.
7439-92-1 Lead (Pb) C							
	ow-5-0018-01	05/23/94	51,300.		400.	USEPA-RBC	7.32
	OW-S-0018-03	05/23/94	4,470.		400.	USEPA-SSL	7.32
	009-S-0028-02	06/05/96	2,700.		400.	USEPA-SSL	7.32
	009-S-0030-03	06/05/%	4%.		400.	USEPA-SSL	7.32
	OW-S-0031-03	06/05/96	1,960.		400.	USEPA-SSL	7.32

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09, CAT 5, PHASE 2

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (mg/kg)								
7439-96-5	Manganese (Mn) N	000-E-0018-01	05/23/94	444.		180.	USEPA-RBC	21.36
7440-02-0	Nickel (Ni) N	009-S-0018-03	05/23/94	64.3		21.	USEPA-SSL	6.3
		009-S-0028-02	06/05/96	36.7		21.	USEPA-SSL	6.3
7440-28-0	Thallium (Tl) N	009-S-0018-03	05/23/94	1.		0.4	USEPA-SSL	0.82
		009-S-0020-01	09/12/94	1.3		0.63	USEPA-RBC	0.82
7440-66-6	Zinc (Zn) N	009-S-0018-01	05/23/94	18,200.	J	2,300.	USEPA-RBC	16.87

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09, CAT 5, PHASE 2

								NASP Reference Concentration
Semivolatiles (ug/kg)								
56-55-3	Benzo(a)anthracene C							
		000-E-0017-03	05/19/94	3,500.	J	700.	USEPA-SSL	NA
		009-1-0018-03	05/23/94	11,000.	J	700.	USEPA-SSL	NA
50-32-8	Benzo(a)pyrene C							
		009-S-0017-01	05/19/94	310.	J	88.	USEPA-RBC	NA
		009-S-0018-03	05/23/94	12,000.	J	3,700.	FDEP-CGL	NA
205-99-2	Benzo(b)fluoranthene C							
		009-S-0018-03	05/23/94	13,000.		4,000.	USEPA-SSL	NA
207-08-9	Benzo(k)fluoranthene C							
		009-S-0018-03	05/23/94	10,000.	J	4,000.	USEPA-SSL	NA
218-01-9	Chrysene C							
		009-S-0017-03	05/19/94	3,900.	J	1,000.	USEPA-SSL	NA
		009-S-0018-03	05/23/94	11,000.	J	1,000.	USEPA-SSL	NA
85-01-8	Phenanthrene N							
		009-S-0017-03	05/19/94	3,900.	J	2,800.	FDEP-CGL	NA
		009-S-0018-03	05/23/94	12,000.	J	2,800.	FDEP-CGL	NA

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminante
PENSACOLA, SITE 09, DECEMBER SAMPLES

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (mg/kg)								
7440-39-3	Barium (Ba) N	009-S-0027-02	12/09/94	921.		32.	USEPA-SSL	4.63
7440-43-9	Cadmium (Cd) N	009-S-0027-02	12/09/94	26.6		6.	USEPA-SSL	1.
7439-92-1	Lead (Pb) C	009-S-0027-02	12/09/94	5,100.	J	400.	USEPA-SSL	7.32
7440-02-0	Nickel (Ni) N	009-s-0027-02	12/09/94	60.5		21.	USEPA-SSL	6.38

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09, DECEMBER SAMPLES

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/kg)								
60-57-1	Dieldrin [C]							
		OW-S-0026-03	*12/05/94*	*7.*	J	*1.*	USEPA-SSL	NA
319-84-6	alpha-BHC [C]							
		009-S-0026-03	*12/05/94*	1.1	J	*0.4*	USEPA-SSL	NA
		009-S-*0027-02*	*12/05/94*	0.8	J	*0.4*	USEPA-SSL	NA

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 09, DECEMBER SAMPLES

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 09, DECEMBER SAMPLES

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (mg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/kg)							
60-57-1 Dieldrin C	029-S-0008-03	02/02/94	4.		1.	USEPA-SSL	NA

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG		NASP Reference Concentration
Semivolatiles (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

	ogle ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volati la (µg/kg)							
Yo Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 29, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/kg)							
60-57-1 Dieldrin C	029-S-0010-03	/ /	23	J	1.	USEPA-SSL	NA

Exceeds Preliminary Remediation Goals (PRGs) for *Soil* Contaminants
PENSACOLA, SITE 29, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/kg)							

No Exceedances Found

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
SITE 29 VERIFY SAMPLING, BUILD 3460

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (mg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
SITE 29 VERIFY SAMPLING, BUILD 3460

	Sample ID	Date	Result	VQual	PRG	Reason	MASP Reference Concentration
Pesticides (µg/kg)							
60-57-1 Dieldrin[C]							
	029-S-0014-03	05/16/95	45.	J	1.	USEPA-SSL	NA
	029-S-0015-03	06/14/95	22.		1.	USEPA-SSL	WA
	029-S-0015-03	05/16/95	10.	J	1.	USEPA-SSL	NA
	029-S-0017-03	06/14/95	2.9	J	1.	USEPA-SSL	NA

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
SITE 29 VERIFY SAMPLING, BUILD 3460

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
SITE 29 VERIFY SAMPLING, BUILD 3460

Sample ID	Date	Result	VQual	PRG	Reason	MASP Reference Concentration

No Exceedances Found

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (mg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/kg)							
60-57-1 Dieldrin [C]	034-S-0005-03	/ /	6.		1.	USEPA-SSL	NA

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminante

PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/kg)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
BRAC VERIFICATION SAMPLING

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (ug/kg)							
60-57-1 Dieldrin [C]							
	034-S-1101-03	12/28/95	1.8		1.	USEPA-SSL	NA
	034-S-1201-03	12/28/95	1.7		1.	USEPA-SSL	NA
	034-S-1301-03	12/28/95	2b		1.	USEPA-SSL	NA
	034-S-1401-03	12/28/95	4.3		1.	USEPA-SSL	NA
	098-S-0005-03	12/29/95	1.9		1.	USEPA-SSL	NA

Sediment Concentrations Exceeding PRGs

Exceeds Sediment Quality Screening Criteria

PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	Risk-Based Screening Concentration	Reason	MASP Reference Concentration
Inorganics (mg/kg)							
7439-92-1 Lead (Pb)	009-M-0001-01	03/02/94	38.8	J	30.2	FDEP SQAG	NA

Exceeds Sediment Quality Screening Criteria

PENSACOLA, SITE 09 - PHASE I RATA

		Sample ID	Date	Result	VQual	Risk-Based Screening Concentration	Reason	NASP Reference Concentration
Pesticides (µg/kg)								
72-54-8	4,4'-DDD C	009-M-0001-01	03/02/94	22.	J	1.22	FDEP SQAG	NA
72-55-9	4,4'-DDE C	009-M-0001-01	03/02/94	26.	J	2.07	FDEP SQAG	NA
50-29-3	4,4'-DDT C	009-M-0001-01	03/02/94	11.	J	1.19	FDEP SQAG	NA
60-57-1	Dieldrin C	009-M-0001-01	03/02/94	4.4	J	0.715	FDEP SQAG	NA

Exceeds Sediment Quality Screening Criteria

PENSACOLA, SITE 09 - PHASE I DATA

		Sample ID	Date	Result	VQual	Risk-Based Screening Concentration	Reason	NASP Reference Concentration
Semivolatiles (µg/kg)								
56-55-3	Benzo(a)anthracene	009-M-0001-01	03/02/94	91.	J	74.8	FDEP SQAG	NA
50-32-8	Benzo(a)pyrene	009-M-0001-01	03/02/94	98.	J	88.8	FDEP SQAG	NA
218-01-9	Chrysene	009-M-0001-01	03/02/94	110.	J	108.	FDEP SQAG	NA
206-44-0	Fluoranthene N	009-M-0001-01	03/02/94	190.	J	113.	FDEP SQAG	NA
129-00-0	Pyrene N	009-M-0001-01	03/02/94	170.	J	153.	FDEP SQAG	NA

Exceeds Sediment Quality Screening Criteria

PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	Risk-Based Screening Concentration	Reason	NASP Reference Concentration
Volatiles (µg/kg)							
No Exceedances Found							

Groundwater Concentrations Exceeding PRGs

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (µg/l)							
7429-90-5 Aluminum (Al) N							
	009-6-0002-00	02/03/94	258.	J	50.	EPA SMCL	3,882.8
	009-6-0003-00	02/04/94	375.	J	50.	EPA SMCL	3,882.8
	009-G-0004-00	02/03/94	267.	J	50.	EPA SMCL	3,882.8
	009-6-0005-00	02/03/94	404.	J	50.	EPA SMCL	3,882.8
	009-G-0006-00	02/03/94	1,190.	J	50.	EPA SMCL	3,882.8
	009-G-0007-00	02/03/94	630.	J	50.	EPA SMCL	3,882.8
	009-G-0008-00	02/03/94	393.	J	50.	EPA SMCL	3,882.8
	009-G-0009-00	02/03/94	2,050.	J	50.	EPA SMCL	3,882.8
	009-G-GM30-00	02/04/94	268.	J	50.	EPA SMCL	3,882.8
7439-89-6 Iron (Fe) N							
	009-6-0001-00	02/04/94	318.	J	300.	FSDUS	1,707.8
	009-G-0002-00	02/03/94	3,940.	J	300.	FSDUS	1,707.8
	009-G-0003-00	02/04/94	1,240.	J	300.	FSDUS	1,707.8
	009-G-0004-00	02/03/94	343.	J	300.	FSDUS	1,707.8
	009-G-0005-00	02/03/94	1,300.	J	300.	FSDUS	1,707.8
	009-6-000600	02/03/94	1,180.	J	300.	FSDUS	1,707.8
	009-G-0007-00	02/03/94	544.	J	300.	FSDUS	1,707.8
	009-G-0009-00	02/03/94	1,060.	J	300.	FSDUS	1,707.8
	009-G-GM29-00	02/04/94	819.	J	300.	FSDUS	1,707.8
	009-G-GM30-00	02/04/94	1,230.	J	300.	FSDUS	1,707.8
7439-92-1 Lead (Pb)							
	009-G-0002-00	02/03/94	27.		15.	FPDUS	1.6
7439-96-5 Manganese (Mn) N							
	009-G-0002-00	02/03/94	59.3		50.	FSDUS	22.
	009-G-0003-00	02/04/94	51.6	J	50.	FSDUS	22.
	009-G-0004-00	02/03/94	691.		50.	FSDUS	22.
	009-6-0005-00	02/03/94	134.		50.	FSDUS	22.
	009-G-0006-00	02/03/94	357.		50.	FSDWS	22.
	009-G-0007-00	02/03/94	298.		50.	FSDUS	22.
	009-G-0009-00	02/03/94	61.5		50.	FSDUS	22.

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 09 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/l)							

No Exceedances Found

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 09, DECEMBER SAMPLES

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (µg/l)								
7429-90-5	Aluminum (Al) N	009-G-GR02-02	12/15/94	221.	J	50.	EPA SMCL	3,882.8
7439-89-6	Iron (Fe) N	009-G-GR02-02	12/15/94	1,650.		300.	FSDWS	1,707.8

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

			Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (µg/l)								
7429-90-5	Aluminum (Al) N							
		029-G-0001-00	02/08/94	1,000.		50.	EPA SMCL	3,882.8
		029-G-0003-00	02/08/94	203.		50.	EPA SMCL	3,vva
		029-G-0004-00	02/08/94	649.		50.	EPA SMCL	3,882.8
		029-G-0006-00	02/08/94	450.		50.	EPA SMCL	3,882.8
		029-G-0007-00	02/08/94	269.		50.	EPA SMCL	3,882.8
		029-G-0008-00	02/08/94	2,060.		50.	EPA SMCL	3,882.8
		029-G-0009-00	02/08/94	295.		50.	EPA SMCL	3,882.8
57-12-5	Cyanide (CN) N							
		029-G-GM07-00	02/08/94	276.		200.	FPDWS	NA
7439-89-6	Iron (Fe) N							
		029-G-0001-00	02/08/94	1,400.		300.	FSWS	1,707.8
		029-G-0008-00	02/08/94	1,240.		300.	FSDUS	1,707.8
		029-G-GM07-00	02/08/94	740.		300.	FSDWS	
7439-96-5	Manganese (Mn) N							
		029-G-0001-00	02/08/94	253.		50.	FSDWS	22.
		029-6-0002-00	02/08/94	270.		50.	FSDWS	22.
		029-G-0003-00	02/08/94	78.3		50.	FSDWS	22.
		029-G-0005-00	02/08/94	91.8		50.	FSDWS	22.
		029-0-0007-00	02/08/94	163.		50.	FSDUS	22.
		029-6-oolw-00	02/08/94	81.6		50.	FSWS	22.
		029-G-0009-00	02/08/94	69.1		50.	FSDWS	22.
		029-6-61107-00	02/08/96	138.		50.	FSDWS	22.

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/l)							
60-57-1 Dieldrin [C]	029-G-0001-00	02/08/94	0.13		0.1	FGGC	NA

PRB_PENGI
06/11/97

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/l)							
No Exceedances Found							

3

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 29 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 29, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (µg/l)							
7429-90-5 Aluminum (Al) N							
	034-6-0001-00	02/10/94	63.2		50.	EPA SMCL	3,882.8
	034-G-GM53-00	02/10/94	482.		50.	EPA SMCL	3,882.8
	034-G-GM61-00	02/10/94	75.4		50.	EPA SMCL	3,882.8
7439-89-6 Iron (Fe) N							
	034-G-0001-00	02/10/94	2,340.		300.	FSDUS	1,707.8
	034-6-0002-00	02/10/94	2,240.		300.	FSDWS	1,707.8
	034-G-GM53-00	02/10/94	1,180.		300.	FSDUS	1,707.8
	034-6-61161-00	02/10/94	5,520.		300.	FSDUS	1,707.8
7439-96-5 Manganese (Mn) N							
	034-G-0001-00	02/10/94	475.		50.	FSDUS	22.
	034-G-0002-00	02/10/94	117.		50.	FSDUS	22.
	034-G-GM61-00	02/10/94	55.2		50.	FSDUS	22.

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34 - PHASE I DATA

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/l)								
91-57-6	2-Hethylnaphthalene N							
		034-G-0002-00	02/10/94	270.		150.	RBC TAP	NA
91-20-3	Naphthalene N							
		034-G-0001-00	02/10/94	320.		6.8	FGGC	NA
		034-6-0002-00	02/10/94	320.		6.8	FGGC	NA

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34 - PHASE I DATA

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/l)							

No Exceedances Found

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Soil Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/kg)							
60-57-1 Dieldrin [C]	034-S-0005-03	/ /	6.		1.	USEPA-SSL	NA

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/l)							
No Exceedances Found							

PRB_PENGI
06/11/97

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34, CAT 5, PHASE 2

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/l)							
No Exceedances Found							

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34 DECEMBER SAMPLING

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Inorganics (µg/l)								
7439-89-6	Iron (Fe) N							
		034-G-GM61-02	/ /	4,610.		*300.*	FSDUS	1,707.8
		034-G-GS02-02	12/15/94	1,260.		*300.*	FSDUS	1,707.8
7439-92-1	Lead (Pb)							
		034-G-GS02-02	12/15/94	73.2		15.	FPDWS	1.6
7439-96-5	Manganese (Mn) N							
		034-G-GS02-02	12/15/94	281.		50.	FSDUS	22.

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34 DECEMBER SAMPLING

	Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Pesticides (µg/l)							
72-55-9 4,4'-DDE [C]							
	034-G-GM61-DR	12/15/94	0.14		0.1	FGGC	HA
	034-G-GM61-MR	12/15/94	0.13		0.1	FGGC	HA
60-57-1 Dieldrin [C]							
	034-G-GM61-DR	12/15/94	0.15		0.1	FGGC	NA
	034-G-GM61-MR	12/15/94	0.14		0.1	FGGC	NA

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34 DECEMBER SAMPLING

		Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Semivolatiles (µg/l)								
91-20-3	Naphthalene N	034-G-GR01-02	12/12/94	39.		6.6	FGGC	NA

Exceeds Preliminary Remediation Goals (PRGs) for Groundwater Contaminants
PENSACOLA, SITE 34 DECEMBER SAMPLING

Sample ID	Date	Result	VQual	PRG	Reason	NASP Reference Concentration
Volatiles (µg/l)						
No Exceedances Found						

Appendix D

Database *Summary* of Analytical Data

DATA QUALIFIER DEFINITIONS

The following definitions provide a brief explanation of the data qualifiers used in the validation process.

U The compound was analyzed for, but was not detected above the reported sample quantitation limit.

J The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported quantitation limit is an approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the compound in the sample.

R The sample results are rejected due to serious deficiencies in the laboratory's ability to analyze the sample and meet QC criteria. The presence or absence of the compound cannot be verified.

Site 9

Soil Analytical Data

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0001-01		009-S-0001-03		009-S-0002-01		009-S-0003-01			
	ORIGINAL ID ——>	09S0101		09S0103		09S0201		09S0301			
	LAB SAMPLE ID ——>	39200-004		39200-005		39200-006		39189-027			
	ID FROM REPORT ——>	09S0101		09S0103		09S0201		09S0301			
	SAMPLE DATE ——>	02/02/94		02/02/94				02/01/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>										
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG			
Method	Parameter		VAL		VAL		VAL		VAL		
METAL	Aluminum	217.	J	116.	J	1360.	J	954.	J		
METAL	Antimony	2.7	UJ	2.1	UJ	3.	UJ	3.2	UJ		
METAL	Arsenic	0.49	U	0.39	U	2.5		1.5			
METAL	Barium	2.3	U	1.2	U	78.1	U	14.7	U		
METAL	Beryllium	0.07	U	0.05	U	0.12		0.08			
METAL	Cadmium	0.36	U	0.28	U	1.2		0.6			
METAL	Calcium	169.		315.	U	2650.		1170.			
METAL	Chromium	1.	J	1.3	J	5.5	J	4.4	J		
METAL	Cobalt	0.54	U	0.43	U	0.61	U	0.66	U		
METAL	Copper	0.53	U	1.3	U	131.		18.5			
METAL	Cyanide	0.09	U	0.08	U	0.08	U	0.21			
METAL	Iron	381.	J	270.	J	2890.	J	1440.	J		
METAL	Lead	12.8		17.1		363.		109.			
METAL	Magnesium	34.	U	40.4	U	428.		224.			
METAL		6.9	J	3.3	J	48.6	J	35.4	J		
METAL	Mercury	0.06		0.03		0.41		0.09			
METAL	Nickel	1.8	U	1.4	U	3.3		2.1	U		
METAL	Potassium	110.	U	87.8	U	123.	U	134.	U		
METAL	Selenium	0.29	UJ	0.23	UJ	0.34	J	0.35	UJ		
METAL	Silver	0.61	UJ	0.49	UJ	0.68	UJ	0.74	UJ		
METAL	Sodium	4.		4.7		23.7		9.2			
METAL	Thallium	0.48	U	0.38	U	0.53	U	0.58	U		
METAL	Vanadium	0.81		0.45	U	3.		2.8			
METAL	Zinc	7.2	U	13.	U	256.		72.2			

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-s-0001-01		009-s-0001-03		009-s-0002-01		009-s-0003-01		009-s-0003-01 DL	
	ORIGINAL ID ——>	09s0101		09s0103		09s0201		09s0301		09s0301DL	
	LAB SAMPLE ID ——>	39200-1		39200-2		39200-3		39189-13		39189-13DL	
	ID FROM REPORT ——>	09s0101		09s0103		09s0201		09s0301		09s0301DL	
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/01/94		02/01/94	
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
PEST	4,4'-DDD	3.4	U	3.4	U	3.8	U	4.2	J	35.	U
PEST	4,4'-DDE	3.4	U	3.4	U	5.3		270.		270.	
PEST	4,4'-DDT	2.	J	3.4	U	7.6		220.		220.	
PEST	Aldrin	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	Aroclor-1016	34.	U	34.	U	38.	U	35.	U	350.	U
PEST	Aroclor-1221	68.	U	70.	U	77.	U	72.	U	720.	U
PEST	Aroclor-1232	34.	U	34.	U	38.	U	35.	U	350.	U
PEST	Aroclor-1242	34.	U	34.	U	38.	U	35.	U	350.	U
PEST	Aroclor-1248	34.	U	34.	U	38.	U	35.	U	350.	U
PEST	Aroclor-1254	34.	U	34.	U	38.	U	35.	U	350.	U
PEST	Aroclor-1260	34.	U	34.	U	38.	U	35.	U	350.	U
PEST	Dieldrin	3.4	U	3.4	U	3.8	U	9.	J	35.	U
PEST	Endosulfan I	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	Endosulfan II	3.4	U	3.4	U	3.8	U	3.5	U	35.	U
PEST	Endosulfan sulfate	3.4	U	3.4	U	3.8	U	3.5	U	35.	U
PEST	Endrin	3.4	U	3.4	U	3.8	U	3.5	U	35.	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR	
PEST	Endrin ketone	3.4	U	3.4	U	3.8	U	3.5	U	35.	U
PEST	Heptachlor	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	Heptachlor epoxide	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	Methoxychlor	17.	U	18.	U	20.	U	18.	U	180.	U
PEST	Toxaphene	170.	U	180.	U	200.	U	180.	U	1800.	U
PEST	alpha-BHC	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	alpha-Chlordane	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	beta-BHC	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	delta-BHC	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	gamma-BHC (Lindane)	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	gamma-Chlordane	1.7	U	1.8	U	2.	U	1.8	U	18.	U
PEST	Endrin aldehyde	3.4	U	3.4	U	3.8	U	3.5	U	35.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0001-01		009-S-0001-03		009-S-0002-01		009-S-0002-01 DL		009-S-0003-01	
	ORIGINAL ID ——>	09S0101		09S0103		09S0201		09S0201DL		09S0301	
	LAB SAMPLE ID ——>	39200-1		39200-2		39200-3		39200-3DL		39189-13	
	ID FROM REPORT ——>	09S0101		09S0103		09S0201		09S0201DL		09S0301	
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/02/94		02/01/94	
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/06/94		02/06/94		02/06/94		02/06/94		02/06/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
SVOA	1,2,4-Trichlorobenzene	330.	U	340.	U	380.	U	1500.	U	350.	U
SVOA	1,2-Dichlorobenzene	330.	U	KO.	U	380.	U	1500.	U	350.	U
SVOA	1,3-Dichlorobenzene	330.	U	KO.	U	380.	U	1500.	U	350.	U
SVOA	1,4-Dichlorobenzene	330.	U	KO.	U	380.	U	TMO.	U	350.	U
SVOA	2,4,5-Trichlorophenol	810.	U	820.	U	920.	U	3700.	U	860.	U
SVOA	2,4,6-Trichlorophenol	330.	U	340.	U	KO.	U	1500.	U	350.	U
SVOA	2,4-Dichlorophenol	330.	U	KO.	U	380.	U	TMO.	U	350.	U
SVOA	2,4-Dimethylphenol	330.	U	KO.	U	380.	U	1500.	U	350.	U
SVOA	2,4-Dinitrophenol	810.	U	820.	U	920.	U	3700.	U	860.	U
SVOA	2,4-Dinitrotoluene	330.	U	KO.	U	380.	U	1500.	U	350.	U
SVOA	2,6-Dinitrotoluene	330.	U	KO.	U	380.	U	1500.	U	350.	U
SVOA	2-Chloronaphthalene	330.	U	340.	U	380.	U	1500.	U	350.	U
SVOA	2-Chlorophenol	330.	U	340.	U	HO.	U	TMO.	U	350.	U
SVOA	2-Methylnaphthalene	330.	U	340.	U	380.	U	TMO.	U	350.	U
SVOA	2-Methylphenol (o-Cresol)	330.	U	KO.	U	HO.	U	TMO.	U	350.	U
SVOA	2-Nitroaniline	810.	U	820.	U	920.	U	3700.	U	860.	U
SVOA	2-Nitrophenol	330.	U	KO.	U	380.	U	TMO.	U	350.	U
SVOA	3,3'-Dichlorobenzidine	330.	U	KO.	U	380.	U	TMO.	U	350.	U
SVOA	3-Nitroaniline	810.	U	820.	U	920.	U	3700.	U	860.	U
SVOA	4,6-Dinitro-2-methylphenol	810.	U	820.	U	920.	U	3700.	U	860.	U
SVOA	4-Bromophenyl-phenylether	330.	U	KO.	U	HO.	U	1500.	U	350.	U
SVOA	4-Chloro-3-methylphenol	330.	U	KO.	U	380.	U	TMO.	U	350.	U
SVOA	4-Chloroaniline	330.	U	KO.	U	KO.	U	1500.	U	350.	U
SVOA	4-Chlorophenyl-phenylether	330.	U	KO.	U	380.	U	1500.	U	350.	U
SVOA	4-Methylphenol (p-Cresol)	330.	U	KO.	U	380.	U	1500.	U	350.	U
SVOA	4-Nitroaniline	810.	U	820.	U	920.	U	3700.	U	860.	U
SVOA	4-Nitrophenol	810.	U	820.	U	920.	U	3700.	U	860.	U
SVOA	Acenaphthene	330.	U	KO.	U	690.		790.	J	350.	U
SVOA	Acenaphthylene	330.	U	KO.	U	KO.	U	1500.	U	350.	U
SVOA	Anthracene	330.	U	KO.	U	2800.		2800.		350.	U
SVOA	Benzo(a)anthracene	330.	U	KO.	U	6000.		5300.	J	73.	J
SVOA	Benzo(a)pyrene	330.	U	KO.	U	4100.		4100.		86.	J
SVOA	Benzo(b)fluoranthene	330.	U	KO.	U	5600.		5600.		140.	J
SVOA	Benzo(g,h,i)perylene	330.	U	340.	U	1500.		1100.	J	350.	U
SVOA	Benzo(k)fluoranthene	330.	U	KO.	U	4200.		4200.		140.	J
SVOA	Butylbenzylphthalate	330.	U	KO.	U	HO.	U	1500.	U	350.	U

*** Validation Complete ***

	SAMPLE ID ——>	009-S-0001-01		009-S-0001-03		009-S-0002-01		009-S-0002-01 DL		009-S-0003-01			
	ORIGINAL ID ——>	0990101		0990103		0990201		0990201DL		0990301			
	LAB SAMPLE ID ——>	39200-1		39200-2		39200-3		39200-3DL		39189-13			
	ID FROM REPORT ——>	0990101		0990103		0990201		0990201DL		0990301			
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/02/94		02/01/94			
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/06/94		02/06/94		02/06/94		02/06/94		02/06/94			
	MATRIX ——>	Soil		Soil		Soil				Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL		
SVOA	Carbazole	330.	U	340.	U	920.		900.	J	350.	U		
SVOA	Chrysene	330.	U	340.	U	4900.		4900.		100.	J		
SVOA	Di-n-butylphthalate	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Di-n-octylphthalate	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Dibenzo(a,h)anthracene	330.	U	340.	U	550.	J	550.	J	350.	U		
SVOA	Dibenzofuran	330.	U	340.	U	330.	J	330.	J	350.	U		
SVOA	Diethylphthalate	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Dimethylphthalate	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Fluoranthene	330.	U	340.	U	9500.		9500.		150.	J		
SVOA	Fluorene	330.	U	340.	U	970.		970.	J	350.	U		
SVOA	Hexachlorobenzene	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Hexachlorobutadiene	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Hexachlorocyclopentadiene	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Hexachloroethane	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Indeno(1,2,3-cd)pyrene	330.	U	340.	U	1400.		1300.	J	350.	U		
SVOA	Isophorone	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	N-Nitroso-di-n-propylamine	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	N-Nitrosodiphenylamine	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Naphthalene	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Nitrobenzene	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Pentachlorophenol	810.	U	820.	U	920.	U	3700.	U	860.	U		
SVOA	Phenanthrene	330.	U	340.	U	8100.		8100.		350.	U		
SVOA	Phenol	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	Pyrene	330.	U	340.	U	11000.		11000.		150.	J		
SVOA	bis(2-Chloroethoxy)methane	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U	340.	U	380.	U	1500.	U	130.	J		
SVOA	bis(2-Chloroethyl)ether	330.	U	340.	U	380.	U	1500.	U	350.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	330.	U	340.	U	380.	U	1500.	U	350.	U		

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID		009-S-0001-01		009-S-0001-03		009-S-0002-01		009-S-0002-01 DL		009-S-0003-01		009-S-0003-01 DL	
ORIGINAL ID		09S0101		09S0103		09S0201		09S0201DL		09S0301		09S0301DL	
LAB SAMPLE ID		39200-7		39200-8		39200-9		39200-9DL		39189-41		39189-41DL	
ID FROM REPORT		09S0101		09S0103		09S0201		09S0201DL		09S0301		09S0301DL	
SAMPLE DATE		02/02/94		02/02/94		02/02/94		02/02/94		02/01/94		02/01/94	
DATE EXTRACTED													
DATE ANALYZED		02/06/94		02/04/94		02/05/94		02/04/94		02/03/94		02/04/94	
MATRIX		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
VOA	1,1,1-Trichloroethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	1,1,2,2-Tetrachloroethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	1,1,2-Trichloroethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	1,1-Dichloroethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	1,1-Dichloroethene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	1,2-Dichloroethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	1,2-Dichloroethene (total)	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	1,2-Dichloropropane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	2-Butanone (MEK)	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	2-Hexanone	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	4-Methyl-2-Pentanone (MIBK)	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Acetone	4900.	U	780.	U	290.	U	560.	U	720.	U	1300.	U
VOA	Benzene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Bromodichloromethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Bromoform	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Bromomethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Carbon disulfide	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Carbon tetrachloride	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Chlorobenzene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Chloroethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Chloroform	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Chloromethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Dibromochloromethane	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Ethylbenzene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Methylene chloride	710.	U	23.	U	5.	U	17.	U	19.	U	29.	U
VOA	Styrene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Tetrachloroethene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Toluene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Trichloroethene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	Vinyl chloride	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	m+p-Xylenes	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	cis-1,3-Dichloropropene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U
VOA	trans-1,3-Dichloropropene	1200.	U	47.	U	12.	U	23.	U	30.	U	54.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0003-03		009-S-0004-01		009-S-0004-01 D		009-S-0004-03		009-S-0005-01		
	ORIGINAL ID ——>	09S0303		09S0401		09S0401D		09S0403		09S0501		
	LAB SAMPLE ID ——>	39189-028		39189-018		39189-019		39189-020		39189-015		
	ID FROM REPORT ——>	09S0303		09S0401		09S0401D		09S0403		09S0501		
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94		02/01/94		
	DATE EXTRACTED ——>											
	DATE ANALYZED ——>											
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		
Method	Parameter		VAL		VAL		VAL		VAL		VAL	
METAL	Aluminum	1450.	J	8050.	J	6610.	J	218.	J	2730.	J	
MTAL	Antimony	3.2	UJ	3.2	UJ	3.	UJ	3.5	UJ	3.4	UJ	
METAL	Arsenic	1.2		2.5		2.3		0.66	U	1.2		
METAL	Barium	22.2	U	15.1	U	14.2	U	3.7	U	9.1	U	
MTAL	Beryllium	0.2		0.08	U	0.09		0.09	U	0.09	U	
METAL	Cadmium	0.57		0.43	U	0.4	U	0.48	U	0.46	U	
METAL	Calcium	4530.		758.		833.		412.		5R.		
METAL	Chromium	2.8	J	8.	J	7.2	J	1.8	J	7.1	J	
METAL	Cobalt	0.66	U	1.3		1.4		0.73	U	0.7	U	
METAL	Copper	23.4		3.1	U	2.7	U	1.3	U	2.9	U	
METAL	Cyanide	0.11	U	0.17		0.11		0.1	U	0.1	U	
METAL	Iron	1060.	J	5180.	J	4590.	J	352.	J	2120.	J	
METAL	Lead	76.3		18.7		18.1		16.9		39.2		
METAL	Magnesium	338.		80.9	U	71.5	U	32.3	U	57.8	U	
METAL	Manganese	37.5	J	635.	J	683.	J	3.7	J	93.4	J	
METAL	Mercury	0.1		0.03		1.1		0.04	U	0.16		
METAL	Nickel	2.2	U	2.6		2.	U	2.4	U	2.3	U	
METAL	Potassium	142.		133.	U	124.	U	147.	U	142.	U	
METAL	Selenium	0.35	UJ	0.35	UJ	0.32	UJ	0.39	UJ	0.37	UJ	
METAL	Silver	0.74	UJ	0.74	UJ	0.69	UJ	0.82	UJ	0.79	UJ	
MTAL	Sodium	31.7		9.9		12.5		5.1	U	8.		
METAL	Thallium	0.58	U	0.57	U	0.53	U	0.64	U	0.61	U	
METAL	Vanadium	1.8		17.		15.8		0.75	U	5.5		
METAL	Zinc	73.9		12.3	U	8.5	U	21.4	U	15.9	U	

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID →		009-S-0003-03		009-S-0003-03 DL		009-S-0004-01		009-S-0004-01 D		009-S-0004-03		009-S-0005-01	
ORIGINAL ID →		09S0303		09S0303DL		09S0401		09S0401D		09S0403		09S0501	
LAB SAMPLE ID →		39189-14		39189-14DL		39189-4		39189-5		39189-6		39189-1	
ID FROM REPORT →		09S0303		09S0303DL		09S0401		09S0401D		09S0403		09S0501	
ME →		02/01/94		02/01/94		02/01/94		02/01/94		02/01/94		02/01/94	
DATE EXTRACTED →													
DATE ANALYZED →		02/07/94		02/07/94		02/06/94		02/06/94		02/06/94		02/05/94	
MATRIX →		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS →		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CTSM	VAL	CT501	VAL	CT501	VAL	CT501	VAL
PEST	4,4'-DDD	190.	J	210.		3.8	U	3.7	U	4.1	U	3.7	U
PEST	4,4'-DDE	210.		210.		3.8	U	3.7	U	4.1	U	5.6	
PEST	4,4'-DDT	60.		60.		3.8	U	3.7	U	4.1	U	19.	
PEST	Aldrin	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	Aroclor-1016	39.	U	390.	U	38.	U	37.	U	41.	U	37.	U
PEST	Aroclor-1221	80.	U	800.	U	76.	U	76.	U	62.	U	75.	U
PEST	Aroclor-1232	39.	U	390.	U	38.	U	37.	U	41.	U	37.	U
PEST	Aroclor-1242	39.	U	390.	U	38.	U	37.	U	41.	U	37.	U
PEST	Aroclor-1248	39.	U	390.	U	38.	U	37.	U	41.	U	37.	U
PEST	Aroclor-1254	39.	U	390.	U	38.	U	37.	U	41.	U	37.	U
PEST	Aroclor-1260	39.	U	390.	U	38.	U	37.	U	41.	U	37.	U
PEST	Dieldrin	5.3	J	39.	U	16.		11.		4.1	U	62.	
PEST	Endosulfan I	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	Endosulfan II	3.9	U	39.	U	3.8	U	3.7	U	4.1	U	3.7	U
PEST	Endosulfan sulfate	3.9	U	39.	U	3.8	U	3.7	U	4.1	U	3.7	U
PEST	Endrin	3.9	U	39.	U	3.8	U	3.7	U	4.1	U	3.7	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		NR	
PEST	Endrin ketone	3.9	U	39.	U	3.8	U	3.7	U	4.1	U	3.7	U
PEST	Heptachlor	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	Heptachlor epoxide	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	Methoxychlor	20.	U	200.	U	20.	U	19.	U	21.	U	19.	U
PEST	Toxaphene	200.	U	2000.	U	200.	U	190.	U	210.	U	190.	U
PEST	alpha-BHC	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	alpha-Chlordane	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	beta-BHC	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	delta-BHC	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	gamma-BHC (Lindane)	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	gamma-Chlordane	2.	U	20.	U	2.	U	1.9	U	2.1	U	1.9	U
PEST	Endrin aldehyde	3.9	U	39.	U	3.8	U	3.7	U	4.1	U	3.7	U

	SAMPLE ID ——>	009-S-0003-03		009-S-0004-01		009-S-0004-09 D		009-S-0004-03		009-S-0005-09	
	ORIGINAL ID ——>	0990303		0990401		0990401D		0990403		0990501	
	LAB SAMPLE ID ——>	39189-14		39189-4		39189-5		39189-6		39189-1	
	ID FROM REPORT ——>	0990303		0990401		0990401D		0990403		0990501	
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/06/94		02/06/94		02/06/94		02/06/94		02/05/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
SVOA	1,2,4-Trichlorobenzene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	1,2-Dichlorobenzene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	1,3-Dichlorobenzene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	1,4-Dichlorobenzene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2,4,5-Trichlorophenol	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	2,4,6-Trichlorophenol	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2,4-Dichlorophenol	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2,4-Dimethylphenol	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2,4-Dinitrophenol	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	2,4-Dinitrotoluene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2,6-Dinitrotoluene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2-Chloronaphthalene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2-Chlorophenol	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2-Methylnaphthalene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2-Methylphenol (o-Cresol)	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2-Nitroaniline	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	2-Nitrophenol	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	3,3'-Dichlorobenzidine	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	3-Nitroaniline	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	4,6-Dinitro-2-methylphenol	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	4-Bromophenyl-phenylether	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	4-Chloro-3-methylphenol	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	4-Chloroaniline	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	4-Chlorophenyl-phenylether	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	4-Methylphenol (p-Cresol)	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	4-Nitroaniline	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	4-Nitrophenol	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	Acenaphthene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Acenaphthylene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Anthracene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Benzo(a)anthracene	140.	J	380.	U	370.	U	400.	U	370.	U
SVOA	Benzo(a)pyrene	150.	J	380.	U	370.	U	400.	U	370.	U
SVOA	Benzo(b)fluoranthene	210.	J	380.	U	370.	U	400.	U	370.	U
SVOA	Benzo(g,h,i)perylene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Benzo(k)fluoranthene	170.	J	380.	U	370.	U	400.	U	370.	U
SVOA	Butylbenzylphthalate	390.	U	380.	U	370.	U	400.	U	370.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0003-03		009-S-0004-01		009-S-0004-01 D		009-S-0004-03		009-S-0005-01	
	ORIGINAL ID ——>	09S0303		09S0401		09S0401D		09S0403		09S0501	
	LAB SAMPLE ID ——>	39189-14		39189-4		39189-5		39189-6		39189-1	
	ID FROM REPORT ——>	09S0303		09S0401		09S0401D		09S0403		09S0501	
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/06/94		02/06/94		02/06/94		02/06/94		02/05/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
SVOA	Carbazole	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Chryrene	150.	J	380.	U	370.	U	400.	U	370.	U
SVOA	Di-n-butylphthalate	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Di-n-octylphthalate	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Dibenzo(a,h)anthracene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Dibenzofuran	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Diethylphthalate	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Dimethylphthalate	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Fluoranthene	280.	J	380.	U	370.	U	400.	U	370.	U
SVOA	Fluorene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Hexachlorobenzene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Hexachlorobutadiene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Hexachlorocyclopentadiene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Hexachloroethane	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Indeno(1,2,3-cd)pyrene	390.	U	380.	U	370.	U	a.	U	370.	U
SVOA	Isophorone	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	N-Nitroso-di-n-propylamine	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	N-Nitrosodiphenylamine	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Naphthalene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Nitrobenzene	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Pentachlorophenol	950.	U	930.	U	910.	U	980.	U	890.	U
SVOA	Phenanthrene	99.	J	380.	U	370.	U	400.	U	370.	U
SVOA	Phenol	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	Pyrene	250.	J	380.	U	370.	U	400.	U	370.	U
SVOA	bis(2-Chloroethoxy)methane	390.	U	380.	U	370.	U	a.	U	370.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	bis(2-Chloroethyl)ether	390.	U	380.	U	370.	U	400.	U	370.	U
SVOA	2,2'-oxybis(1-Chloropropane)	390.	U	380.	U	370.	U	400.	U	370.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID	009-S-0003-03		009-S-0004-01		009-S-0004-01 D		009-S-0004-03		009-S-0005-01	
	ORIGINAL ID	0990303		0990401		0990401D		0990403		0990501	
	LAB SAMPLE ID	39189-42		39189-32		39189-33		39189-34		39189-29	
	ID FROM REPORT	0990303		0990401		0990401D		0990403		0990501	
	SAMPLE DATE	02/01/94		02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED										
	DATE ANALYZED	02/03/94		02/03/94		02/03/94		02/03/94		02/03/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VU.	CT501	VAL
VOA	1,1,1-Trichloroethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	1,1,2,2-Tetrachloroethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	1,1,2-Trichloroethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	1,1-Dichloroethane	12.	U	11.	U	12.	U	13.	U	11.	U
VV	1,1-Dichloroethene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	1,2-Dichloroethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	1,2-Dichloroethene (total)	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	1,2-Dichloropropane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	2-Butanone (MEK)	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	2-Hexanone	12.	U	11.	U	12.	U	13.	U	11.	U
VV	4-Methyl-2-Pentanone (MIBK)	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Acetone	160.	U	90.	U	27.	U	23.	U	210.	U
VOA	Benzene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Bromodichloromethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Bromoform	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Bromomethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Carbon disulfide	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Carbon tetrachloride	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Chlorobenzene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Chloroethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Chloroform	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Chloromethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Dibromochloromethane	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Ethylbenzene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Methylene chloride	6.	U	6.	U	7.	U	13.	U	6.	U
VOA	Styrene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Tetrachloroethene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Toluene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Trichloroethene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	Vinyl chloride	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	m+p-Xylenes	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	cis-1,3-Dichloropropene	12.	U	11.	U	12.	U	13.	U	11.	U
VOA	trans-1,3-Dichloropropene	12.	U	11.	U	12.	U	13.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0006-01		009-S-0006-01 D		009-S-0006-03		009-S-0007-01	
	ORIGINAL ID ——>	09S0601		09S0601D		09S0603		09S0701	
	LAB SAMPLE ID —>	39189-016		39189-017		39189-022		39189-021	
	ID FROM REPORT —>	09S0601		09S0601D		09S0603		09S0701	
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED —>								
	DATE ANALYZED —>								
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG	
Method	Parameter		VAL		VAL		VAL		VAL
METAL	Aluminum	756.	J	795.	J	2060.	J	4010.	J
METAL	Antimony	3.	UJ	3.	UJ	3.2	UJ	3.4	UJ
METAL	Arsenic	0.56	U	0.55	U	1.1		1.5	
METAL	Barium	2.6	U	2.2	U	5.1	U	10.2	U
METAL	Beryllium	0.08	U	0.08	U	0.08	U	0.09	U
METAL	Cadmium	0.46		0.4	U	0.43	U	0.46	U
METAL	Calcium	291.		823.		176.		237.	
METAL	Chromium	3.5	J	2.7	J	3.8	J	4.5	J
METAL	Cobalt	0.61	U	0.61	U	0.66	U	0.87	
METAL	Copper	0.95	U	0.5	U	0.54	U	0.57	U
METAL	Cyanide	0.09	U	0.09	U	0.09	U	0.19	
METAL	Iron	710.	J	952.	J	1760.	J	2810.	J
METAL	Lead	10.6		8.4		11.		9.6	
METAL	Magnesium	28.3	U	72.4	U	19.8	U	55.2	U
METAL	Manganese	22.2	J	19.5	J	115.	J	323.	J
METAL	Mercury	0.02	U	0.03	U	0.02	U	0.05	
METAL	Nickel	2.	U	2.	U	2.1	U	2.3	U
METAL	Potassium	124.	U	124.	U	134.	U	143.	U
METAL	Selenium	0.33	U	0.39	J	0.43	J	0.49	J
METAL	Silver	0.69	U	0.69	UJ	0.74	UJ	0.79	UJ
METAL	Sodium	9.2		4.9		6.5		14.8	
METAL	Thallium	0.54	U	0.53	U	0.58	U	0.62	U
METAL	Vanadium	1.8		1.1		4.8		7.6	
METAL	Zinc	9.8	U	9.3	U	3.6	U	3.8	U

*** Validation Complete ***

	SAMPLE ID ——>	009-S-0005-01 DL		009-S-0006-01		009-S-0006-01 D		009-S-0006-03		009-S-0007-01		009-S-0007-01 DL	
	ORIGINAL ID ——>	09S0501DL		09S0601		09S0601D		09S0603		09S0701		09S0701DL	
	LAB SAMPLE ID ——>	39189-1DL		39189-2		39189-3		39189-8		39189-7		39189-7DL	
	ID FROM REPORT ——>	09S0501DL		09S0601		09S0601D		09S0603		09S0701		09S0701DL	
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/07/94		02/06/94		02/06/94		02/06/94		02/06/94		02/07/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
PEST	4,4'-DDD	37.	U	3.4	U	3.4	U	3.4	U	3.8	U	38.	U
PEST	4,4'-DDE	37.	U	3.4	U	3.4	U	5.4	U	Z.4	J	38.	U
PEST	4,4'-DDT	19.	J	3.4	U	3.4	U	1.8	J	3.8	U	a.	U
PEST	Aldrin	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	Aroclor-1016	370.	U	34.	U	34.	U	34.	U	a.	U	380.	U
PEST	Aroclor-1221	750.	U	69.	U	70.	U	70.	U	76.	U	760.	U
PEST	Aroclor-1232	370.	U	34.	U	34.	U	34.	U	a.	U	380.	U
PEST	Aroclor-1242	370.	U	34.	U	34.	U	34.	U	a.	U	380.	U
PEST	Aroclor-1248	370.	U	34.	U	34.	U	34.	U	a.	U	380.	U
PEST	Aroclor-1254	370.	U	34.	U	34.	U	W.	U	a.	U	380.	U
PEST	Aroclor-1260	370.	U	34.	U	34.	U	34.	U	38.	U	380.	U
PEST	Dieldrin	62.		3.4	U	3.4	U	3.4	U	59.		59.	
PEST	Endosulfan 1	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	Endosulfan II	37.	U	3.4	U	3.4	U	5.4	U	3.8	U	36.	U
PEST	Endosulfan sulfate	37.	U	3.4	U	3.4	U	3.4	U	3.8	U	a.	U
PEST	Endrin	37.	U	3.4	U	3.4	U	5.4	U	3.8	U	36.	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		NR	
PEST	Endrin ketone	37.	U	3.4	U	3.4	U	1.4	U	3.8	U	38.	U
PEST	Heptachlor	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	Heptachlor epoxide	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	Methoxychlor	190.	U	18.	U	18.	U	18.	U	19.	U	190.	U
PEST		1900.	U	180.	U	180.	U	180.	U	190.	U	1900.	U
PEST		19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	alpha-Chlordane	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	beta-BHC	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	delta-BHC	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	gamma-BHC (Lindane)	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	gamma-Chlordane	19.	U	1.8	U	1.8	U	1.8	U	1.9	U	19.	U
PEST	Endrin aldehyde	37.	U	3.4	U	3.4	U	3.4	U	3.8	U	38.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0006-01		009-S-0006-01 D		009-S-0006-03		009-S-0006-03 RE		009-S-0007-01	
	ORIGINAL ID ——>	09S0601		09S0601D		09S0603		09S0603RE		09S0701	
	LAB SAMPLE ID ——>	39189-2		39189-3		39189-8		39189-8RE		39189-7	
	ID FROM REPORT ——>	09S0601		09S0601D		09S0603		09S0603RE		09S0701	
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/05/94		02/05/94		02/05/94		02/06/94		02/05/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CTSM	VAL	CT501	VAL	CT501	VAL
SVOA	1,2,4-Trichlorobenzene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	1,2-Dichlorobenzene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	1,3-Dichlorobenzene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	1,4-Dichlorobenzene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2,4,5-Trichlorophenol	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	2,4,6-Trichlorophenol	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2,4-Dichlorophenol	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2,4-Dimethylphenol	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2,4-Dinitrophenol	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	2,4-Dinitrotoluene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2,6-Dinitrotoluene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2-Chloronaphthalene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2-Chlorophenol	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2-Methylnaphthalene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2-Methylphenol (o-Cresol)	340.	U	340.	U	350.	U	3%.	U	380.	U
SVOA	2-Nitroaniline	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	2-Nitrophenol	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	3-Nitroaniline	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	4,6-Dinitro-2-methylphenol	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	4-Bromophenyl-phenylether	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	4-Chloro-3-methylphenol	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	4-Chloroaniline	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	4-Chlorophenyl-phenylether	340.	U	340.	U	350.	U	3%.	U	380.	U
SVOA	4-Methylphenol (p-Cresol)	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	4-Nitroanilim	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	4-Nitrophenol	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	Acenaphthene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Acenaphthylene	90.	J	100.	J	350.	U	350.	U	380.	U
SVOA	Anthracene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Benzo(a)anthracene	81.	J	100.	J	550.	U	350.	U	380.	U
SVOA	Benzo(a)pyrene	120.	J	140.	J	350.	U	350.	U	380.	U
SVOA	Benzo(b)fluoranthene	130.	J	150.	J	350.	U	350.	U	380.	U
SVOA	Benzo(g,h,i)perylene	95.	J	120.	J	350.	U	350.	U	380.	U
SVOA	Benzo(k)fluoranthene	140.	J	170.	J	350.	U	350.	U	380.	U
SVOA	Butylbenzylphthalate	340.	U	340.	U	350.	U	350.	U	380.	U

*** Validation Complete ***

		009-S-0006-01		009-S-0006-01 D		009-S-0006-03		009-S-0006-03 RE		009-S-0007-01	
		0990601		0990601D		0990603		0990603RE		0990701	
		39189-2		39189-3		39189-8		39189-8RE		39189-7	
		0990601		0990601D		0990603		0990603RE		0990701	
		02/01/94		02/01/94		02/01/94		02/01/94		02/01/94	
		02/05/94		02/05/94		02/05/94		02/06/94		02/05/94	
		Soil		Soil		Soil		Soil		Soil	
		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
SVOA	Carbazole	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Chrysene	99.	J	120.	J	350.	U	350.	U	380.	U
SVOA	Di-n-butylphthalate	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Di-n-octylphthalate	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Dibenzo(a,h)anthracene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Dibenzofuran	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Diethylphthalate	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Dimethylphthalate	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Fluoranthene	96.	J	140.	J	350.	U	350.	U	380.	U
SVOA	Fluorene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Hexachlorobenzene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Hexachlorobutadiene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Hexachlorocyclopentadiene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Hexachloroethane	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Indeno(1,2,3-cd)pyrene	85.	J	100.	J	350.	U	350.	U	380.	U
SVOA	Isophorone	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	N-Nitroso-di-n-propylamine	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	N-Nitrosodiphenylamine	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Naphthalene	340.	U	340.	U	350.	U	350.	U	50.	U
SVOA	Nitrobenzene	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Pentachlorophenol	830.	U	830.	U	840.	U	840.	U	920.	U
SVOA	Phenanthrene	340.	U	340.	U	350.	U	350.	U	50.	U
SVOA	Phenol	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	Pyrene	100.	J	140.	J	350.	U	350.	U	380.	U
SVOA	bis(2-Chloroethoxy)methane	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	bis(2-Chloroethyl)ether	340.	U	340.	U	350.	U	350.	U	380.	U
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U	350.	U	350.	U	380.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0006-01		009-S-0006-01 D		009-S-0006-03		009-S-0007-01			
	ORIGINAL ID ——>	09S0601		09S0601D		09S0603		09S0701			
	LAB SAMPLE ID ——>	39189-30		39189-31		39189-36		39189-35			
	ID FROM REPORT ——>	09S0601		09S0601D		09S0603		09S0701			
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/04/94		02/04/94		02/03/94		02/04/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL		
VOA	1,1,1-Trichloroethane	10.	U	52.	U	11.	U	57.	U		
VOA	1,1,2,2-Tetrachloroethane	10.	U	52.	U	11.	U	57.	U		
VOA	1,1,2-Trichloroethane	10.	U	52.	U	11.	U	57.	U		
VOA	1,1-Dichloroethane	10.	U	52.	U	11.	U	57.	U		
VOA	1,1-Dichloroethene	10.	U	52.	U	11.	U	57.	U		
VOA	1,2-Dichloroethane	10.	U	52.	U	11.	U	57.	U		
VOA	1,2-Dichloroethene (total)	10.	U	52.	U	11.	U	57.	U		
VOA	1,2-Dichloropropane	10.	U	52.	U	11.	U	57.	U		
VOA	2-Butanone (MEK)	10.	U	52.	U	11.	U	57.	U		
VOA	2-Hexanone	10.	U	52.	U	11.	U	57.	U		
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	52.	U	11.	U	57.	U		
VOA	Acetone	79.	U	930.	U	110.	U	940.	U		
VOA	Benzene	10.	U	52.	U	11.	U	57.	U		
VOA	Bromodichloromethane	10.	U	52.	U	11.	U	57.	U		
VOA	Bromoform	10.	U	52.	U	11.	U	57.	U		
VV	Bromomethane	10.	U	52.	U	11.	U	57.	U		
VOA	Carbon disulfide	10.	U	52.	U	11.	U	57.	U		
VOA	Carbon tetrachloride	10.	U	52.	U	11.	U	57.	U		
VOA	Chlorobenzene	10.	U	52.	U	11.	U	57.	U		
VV	Chloroethane	10.	U	52.	U	11.	U	57.	U		
VOA	Chloroform	10.	U	52.	U	11.	U	57.	U		
VOA	Chloromethane	10.	U	52.	U	11.	U	57.	U		
VOA	Dibromochloromethane	10.	U	52.	U	11.	U	57.	U		
VOA	Ethylbenzene	10.	U	52.	U	11.	U	57.	U		
VOA	Methylene chloride	10.	U	22.	U	5.	U	29.	U		
VOA	Styrene	10.	U	52.	U	11.	U	57.	U		
VOA	Tetrachloroethene	10.	U	52.	U	11.	U	57.	U		
VOA	Toluene	10.	U	52.	U	11.	U	57.	U		
VOA	Trichloroethene	10.	U	52.	U	11.	U	57.	U		
VOA	Vinyl chloride	10.	U	52.	U	11.	U	57.	U		
VOA	m+p-Xylenes	10.	U	52.	U	11.	U	57.	U		
VOA	cis-1,3-Dichloropropene	10.	U	52.	U	11.	U	57.	U		
VOA	trans-1,3-Dichloropropene	10.	U	52.	U	11.	U	57.	U		

*** Validation Complete ***

PBNSACOLA, SITE 09
PBNSACOLA, SITE 09 - PHASB I DATA

	SAMPLE ID ——>	009-S-0008-01		009-S-0008-03		009-S-0009-01		009-S-0009-03	
	ORIGINAL ID ——>	0980801		0980803		0980901		0980903	
	LAB SAMPLE ID —>	39189-025		39189-026		39189-023		39189-024	
	ID FROM REPORT —>	0980801		0980803		0980901		0980903	
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED —>								
	DATE ANALYZED —>								
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG	
Method	Parameter		VAL		VAL		VAL		VAL
METAL	Aluminum	1780.	J	459.	J	4480.	J	100.	J
METAL	Antimony	2.5	UJ	2.8	UJ	2.6	UJ	2.6	UJ
METAL	Arsenic	0.78		0.52	U	1.3		0.49	U
METAL	Barium	7.4	U	2.1	U	15.3	U	10.7	U
METAL	Beryllium	0.07	U	0.07	U	0.07		0.07	U
METAL	Cadmium	0.54		0.37	U	0.36	U	0.53	
METAL	Calcium	1400.		179.		202.		434.	
METAL	Chromium	4.5	J	2.9	J	4.7	J	0.55	J
METAL	Cobalt	0.52	U	0.57	U	0.79		0.54	U
METAL	Copper	123.		0.46	U	1.7	U	7.	U
METAL	Cyanide	0.1		0.08	U	0.14		0.1	U
METAL	Iron	1390.	J	372.	J	2560.	J	180.	J
METAL	Lead	63.7		13.4		19.1		58.2	
METAL	Magnesium	88.1	U	23.2	U	42.8	U	8.2	U
METAL	Manganese	79.9	J	23.1	J	400.	J	6.7	J
METAL	Mercury	0.02		0.02	U	0.03	U	0.03	U
METAL	Nickel	1.7	U	1.9	U	1.8	U	1.8	U
METAL	Potassium	106.	U	115.	U	110.	U	110.	U
METAL	Selenium	0.28	UJ	0.32	UJ	0.35	J	0.29	UJ
METAL	Silver	0.59	UJ	0.64	UJ	0.61	UJ	0.61	UJ
METAL	Sodium	7.9		7.9		8.7		4.3	
METAL	Thallium	0.46	U	0.5	U	0.48	U	0.47	U
METAL	Vanadium	3.5		0.78		7.5		0.56	U
METAL	Zinc	26.4	U	5.9	U	6.9	U	98.2	

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0008-01		009-S-0008-03		009-S-0009-01		009-S-0009-03	
	ORIGINAL ID ——>	09S0801		09S0803		09S0901		09S0903	
	LAB SAMPLE ID ——>	39189-11		39189-12		39189-9		39189-10	
	ID FROM REPORT ——>	09S0801		09S0803		09S0901		09S0903	
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94	
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>	02/06/94		02/06/94		02/06/94		02/06/94	
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
EST	4,4'-DDD	3.6	U	3.7	U	3.5	U	3.6	U
EST	4,4'-DDE	3.6	U	3.7	U	5.7		3.6	U
EST	4,4'-DDT	5.5		3.7	U	9.8		3.6	U
EST	Aldrin	1.8	U	1.9	U	1.8	U	1.8	U
EST	Aroclor-1016	36.	U	37.	U	35.	U	36.	U
EST	Aroclor-1221	72.	U	75.	U	72.	U	73.	U
EST	Aroclor-1232	36.	U	37.	U	35.	U	36.	U
EST	Aroclor-1242	36.	U	37.	U	35.	U	36.	U
EST	Aroclor-1248	36.	U	37.	U	35.	U	36.	U
EST	Aroclor-1254	36.	U	37.	U	35.	U	36.	U
EST	Aroclor-1260	36.	U	37.	U	35.	U	36.	U
EST	Dieldrin	12.		5.3		9.3		3.6	U
EST	Endosulfan 1	1.8	U	1.9	U	1.8	U	1.8	U
EST	Endosulfan 11	3.6	U	3.7	U	3.5	U	3.6	U
EST	Endosulfan sulfate	3.6	U	3.7	U	3.5	U	3.6	U
EST	Endrin	3.6	U	3.7	U	3.5	U	3.6	U
EST	Endrin aldehyde	NR		NR		NR		NR	
EST	Endrin ketone	3.6	U	3.7	U	3.5	U	3.6	U
EST	Heptachlor	1.8	U	1.9	U	1.8	U	1.8	U
EST	Heptachlor epoxide	1.8	U	1.9	U	1.8	U	1.8	U
EST	Methoxychlor	18.	U	19.	U	18.	U	18.	U
EST	Toxaphene	180.	U	190.	U	180.	U	180.	U
EST	alpha-BHC	1.8	U	1.9	U	1.8	U	1.8	U
EST	alpha-Chlordane	1.8	U	1.9	U	1.8	U	1.8	U
EST	beta-BHC	1.8	U	1.9	U	1.8	U	1.8	U
EST	delta-BHC	1.8	U	1.9	U	1.8	U	1.8	U
EST	gamma-BHC (Lindane)	1.8	U	1.9	U	1.8	U	1.8	U
EST	gamma-Chlordane	1.8	U	1.9	U	1.8	U	1.8	U
EST	Endrin aldehyde	3.6	U	3.7	U	3.5	U	3.6	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID	009-S-0008-01		09-S-0008-03		009-S-0009-01		009-S-0009-03	
	ORIGINAL ID	09S0801		9S0803		09S0901		09S0903	
	LAB SAMPLE ID	39189-11		9189-12		39189-9		39189-10	
	ID FROM REPORT	09S0801		9S0803		09S0901		09S0903	
	SAMPLE DATE	02/01/94		2/01/94		02/01/94		02/01/94	
	DATE EXTRACTED								
	DATE ANALYZED	02/06/94		2/06/94		02/05/94		02/06/94	
	MATRIX	Soil		oil		Soil		Soil	
	UNITS	UG/KG		G/KG		UG/KG		UG/KG	
Method	Parameter	CT501	VAL	T501	VAL	CT501	VAL	CT501	VU.
SVOA	1,2,4-Trichlorobenzene	360.	U	370.	U	350.	U	360.	U
SVOA	1,2-Dichlorobenzene	360.	U	370.	U	350.	U	360.	U
SVOA	1,3-Dichlorobenzene	360.	U	370.	U	350.	U	360.	U
SVOA	1,4-Dichlorobenzene	360.	U	370.	U	350.	U	360.	U
SVOA	2,4,5-Trichlorophenol	870.	U	910.	U	860.	U	860.	U
SVOA	2,4,6-Trichlorophenol	360.	U	370.	U	350.	U	360.	U
SVOA	2,4-Dichlorophenol	360.	U	370.	U	350.	U	360.	U
SVOA	2,4-Dimethylphenol	360.	U	370.	U	350.	U	360.	U
SVOA	2,4-Dinitrophenol	870.	U	910.	U	860.	U	860.	U
SVOA	2,4-Dinitrotoluene	360.	U	370.	U	350.	U	360.	U
SVOA	2,6-Dinitrotoluene	360.	U	370.	U	350.	U	360.	U
SVOA	2-Chloronaphthalene	360.	U	370.	U	350.	U	360.	U
SVOA	2-Chlorophenol	360.	U	370.	U	350.	U	360.	U
SVOA	2-Methylnaphthalene	360.	U	370.	U	350.	U	360.	U
SVOA	2-Methylphenol (o-Cresol)	360.	U	370.	U	350.	U	360.	U
SVOA	2-Nitroaniline	870.	U	910.	U	860.	U	860.	U
SVOA	2-Nitrophenol	360.	U	370.	U	350.	U	360.	U
SVOA	3,3'-Dichlorobenzidine	360.	U	370.	U	350.	U	360.	U
SVOA	3-Nitroaniline	870.	U	910.	U	860.	U	860.	U
SVOA	4,6-Dinitro-2-methylphenol	870.	U	910.	U	860.	U	860.	U
SVOA	4-Bromophenyl-phenylether	360.	U	370.	U	350.	U	360.	U
SVOA	4-Chloro-3-methylphenol	360.	U	370.	U	350.	U	360.	U
SVOA	4-Chloroanilim	360.	U	370.	U	350.	U	360.	U
SVOA	4-Chlorophenyl-phenylether	360.	U	370.	U	350.	U	360.	U
SVOA	4-Methylphenol (p-Cresol)	360.	U	370.	U	350.	U	360.	U
SVOA	4-Nitroaniline	870.	U	910.	U	860.	U	860.	U
SVOA	4-Nitrophenol	870.	U	910.	U	860.	U	860.	U
SVOA	Acenaphthene	360.	U	370.	U	350.	U	360.	U
SVOA	Acenaphthylene	360.	U	370.	U	350.	U	360.	U
SVOA	Anthracene	360.	U	370.	U	350.	U	360.	U
SVOA	Benzo(a)anthracene	360.	U	370.	U	350.	U	360.	U
SVOA	Benzo(a)pyrene	360.	U	370.	U	350.	U	360.	U
SVOA	Benzo(b)fluoranthene	360.	U	370.	U	350.	U	360.	U
SVOA	Benzo(g,h,i)perylene	360.	U	370.	U	350.	U	360.	U
SVOA	Benzo(k)fluoranthene	360.	U	370.	U	350.	U	360.	U
SVOA	Benzylphthalate	360.	U	370.	U	350.	U	360.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0008-01		009-S-0008-03		009-S-0009-01		009-S-0009-03			
	ORIGINAL ID ——>	09S0801		09S0803		09S0901		09S0903			
	LAB SAMPLE ID ——>	39189-11		39189-12		39189-9		39189-10			
	ID FROM REPORT ——>	09S0801		09S0803		09S0901		09S0903			
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/06/94		02/06/94		02/05/94		02/06/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL		
SVOA	Carbazole	360.	U	370.	U	350.	U	360.	U		
SVOA	Chrysene	360.	U	370.	U	350.	U	360.	U		
SVOA	Di-n-butylphthalate	360.	U	370.	U	350.	U	360.	U		
SVOA	Di-n-octylphthalate	360.	U	370.	U	350.	U	360.	U		
SVOA	Dibenzo(a,h)anthracene	360.	U	370.	U	350.	U	360.	U		
SVOA	Dibenzofuran	360.	U	370.	U	350.	U	360.	U		
SVOA	Diethylphthalate	360.	U	370.	U	350.	U	360.	U		
SVOA	Dimethylphthalate	360.	U	370.	U	350.	U	360.	U		
SVOA	Fluoranthene	360.	U	370.	U	350.	U	360.	U		
SVOA	Fluorene	360.	U	370.	U	350.	U	360.	U		
SVOA	Hexachlorobenzene	360.	U	370.	U	350.	U	360.	U		
SVOA	Hexachlorobutadiene	360.	U	370.	U	350.	U	360.	U		
SVOA	Hexachlorocyclopentadiene	360.	U	370.	U	350.	U	360.	U		
SVOA	Hexachloroethane	360.	U	370.	U	350.	U	360..	U		
SVOA	Indeno(1,2,3-cd)pyrene	360.	U	370.	U	3%.	U	360.	U		
SVOA	Isophorone	360.	U	370.	U	3%.	U	360.	U		
SVOA	N-Nitroso-di-n-propylamine	360.	U	370.	U	350.	U	360.	U		
SVOA	N-Nitrosodiphenylamine	360.	U	370.	U	350.	U	360.	U		
SVOA	Naphthalene	360.	U	370.	U	350.	U	360.	U		
SVOA	Nitrobenzene	360.	U	370.	U	3%.	U	360.	U		
SVOA	Pentachlorophenol	870.	U	910.	U	860.	U	860.	U		
SVOA	Phenanthrene	360.	U	370.	U	350.	U	360.	U		
SVOA	phenol	360.	U	370.	U	350.	U	360.	U		
SVOA	Pyrene	360.	U	370.	U	350.	U	360.	U		
SVOA	bis(2-Chloroethoxy)methane	360.	U	370.	U	350.	U	360.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	80.	U	370.	U	350.	U	360.	U		
SVOA	bis(2-Chloroethyl)ether	360.	U	370.	U	3%.	U	360.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	360.	U	370.	U	350.	U	360.	U		

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-S-0008-00		009-S-0008-00		009-S-0009-01		009-S-0009-03			
	ORIGINAL ID ——>	0930801		0930803		0930901		0930903			
	LAB SAMPLE ID ——>	39189-39		39189-40		39189-37		39189-38			
	ID FROM REPORT ——>	0930801		0930803		0980901		0930903			
	SAMPLE DATE ——>	02/01/94		02/01/94		02/01/94		02/01/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/04/94		02/04/94		02/03/94		02/03/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT501	VAL	C	VAL	CT501	VAL	CT501	VAL		
VOA	1,1,1-Trichloroethane	49.	U	52.	U						
VOA	1,1,2,2-Tetrachloroethane	49.	U	52.	U						
VOA	1,1,2-Trichloroethane	49.	U	52.	U						
VOA	1,1-Dichloroethane	49.	U	52.	U						
VOA	1,1-Dichloroethene	49.	U	52.	U						
VOA	1,2-Dichloroethane	49.	U	52.	U						
VOA	1,2-Dichloroethene (total)	49.	U	52.	U						
VOA	1,2-Dichloropropane	49.	U	52.	U						
VOA	2-Butanone (MEK)	49.	U	52.	U						
VOA	2-Hexanone	49.	U	52.	U						
VOA	4-Methyl-2-Pentanone (MIBK)	49.	U	52.	U						
VOA	Acetone	790.	U	1000.	U						
VOA	Benzene	49.	U	52.	U						
VOA	Bromodichloromethane	49.	U	52.	U						
VOA	Bromoform	49.	U	52.	U						
VOA	Bromomethane	49.	U	52.	U						
VOA	Carbon disulfide	49.	U	52.	U						
VOA	Carbon tetrachloride	49.	U	52.	U						
VOA	Chlorobenzene	49.	U	52.	U						
VOA	Chloroethane	49.	U	52.	U						
VOA	Chloroform	49.	U	52.	U						
VOA	Chloromethane	49.	U	52.	U						
VOA	Dibromochloromethane	49.	U	52.	U						
VOA	Ethylbenzene	49.	U	52.	U						
VOA	Methylene chloride	23.	U	24.	U						
VOA	Styrene	49.	U	52.	U						
VOA	Tetrachloroethene	49.	U	52.	U						
VOA	Toluene	49.	U	52.	U						
VOA	Trichloroethene	49.	U	52.	U						
VOA	Vinyl chloride	49.	U	52.	U						
VOA	m+p-Xylenes	49.	U	52.	U						
VOA	cis-1,3-Dichloropropene	49.	U	52.	U						
VOA	trans-1,3-Dichloropropene	49.	U	52.	U						

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID	009-M-0001-01		009-M-0001-01 D				
	ORIGINAL ID	09M0101		09M0101D				
	LAB SAMPLE ID	39496-049		39496-050				
	ID FROM REPORT	09M0101		09M0101D				
	SAMPLE DATE	03/02/94		03/02/94				
	DATE EXTRACTED							
	DATE ANALYZED							
	MATRIX	Soil		Soil				
	UNITS	MG/KG		MG/KG				
Method	Parameter	MCT52	VAL	MCT52	VAL			
METAL	Aluminum	876.	J	690.	J			
METAL	Antimony	3.4	U	2.5	U			
METAL	Arsenic	0.63	U	0.46	U			
METAL	Barium	6.7	U	7.6	U			
METAL	Beryllium	0.09	U	0.06	U			
METAL	Cadmium	0.53	U	0.56	U			
METAL	Calcium	3990.	J	1340.	J			
METAL	Chromium	4.	J	17.6	J			
METAL	Cobalt	0.69	U	0.74	J			
METAL	Copper	7.5	J	7.9				
METAL	Cyanide	0.09	UJ	0.11	UJ			
METAL	Iron	1360.	J	1760.	J			
METAL	Lead	38.8	J	915.	J			
METAL		1420.	J	167.	J			
METAL	Manganese	18.2		13.				
METAL	Mercury	0.03	U	0.03	U			
METAL	Nickel	2.3	U	1.7	U			
METAL	Potassium	140.	U	103.	U			
METAL	Selenium	0.37	UJ	0.27	UJ			
METAL	Silver	0.78	U	0.57	U			
METAL	Sodium	31.6	U	13.4	U			
METAL	Thallium	0.61	U	0.49	U			
METAL	Vanadium	1.8	J	1.7	J			
METAL	Zinc	73.1	J	82.6	J			

*** Validation Complete *+*

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>		009-N-0001-09		009-N-0001-01 D			
ORIGINAL ID ——>		09N0101		09N0101D			
LAB SAMPLE ID ——>		39496-32		39496-33			
ID FROM REPORT ——>		09N0101		09N0101D			
SAMPLE DATE ——>		03/02/94		03/02/94			
DATE EXTRACTED ——>							
DATE ANALYZED ——>		03/12/94		03/12/94			
MATRIX ——>		Soil		Soil			
UNITS ——>		UG/KG		UG/KG			
Method	Parameter	CT520	VAL	CT520	VAL		
PEST	4,4'-DDD	22.	J	25.	J		
PEST	4,4'-DDE	26.	J	29.	J		
PEST	4,4'-DDT	11.	J	14.	J		
PEST	Aldrin	2.2	UJ	2.1	UJ		
PEST	Aroclor-1016	42.	UJ	41.	UJ		
PEST	Aroclor-1221	85.	UJ	82.	UJ		
PEST	Aroclor-1232	42.	UJ	41.	UJ		
PEST	Aroclor-1242	42.	UJ	41.	UJ		
PEST	Aroclor-1248	42.	UJ	41.	UJ		
PEST	Aroclor-1254	42.	UJ	41.	UJ		
PEST	Aroclor-1260	42.	UJ	41.	UJ		
PEST	Dieldrin	4.4	J	5.3	J		
PEST	Endosulfan I	2.2	UJ	2.1	UJ		
PEST	Endosulfan II	4.2	UJ	4.1	UJ		
PEST	Endosulfan sulfate	4.2	UJ	4.1	UJ		
PEST	Endrin	4.2	UJ	4.1	UJ		
PEST	Endrin aldehyde	NR		NR			
PEST	Endrin ketone	4.2	UJ	4.1	UJ		
PEST	Heptachlor	2.2	UJ	2.1	UJ		
PEST	Heptachlor epoxide	2.2	UJ	2.1	UJ		
PEST	Methoxychlor	22.	UJ	21.	UJ		
PEST	Toxaphene	220.	UJ	210.	UJ		
PEST	alpha-BHC	2.2	UJ	2.1	UJ		
PEST	alpha-Chlordane	2.2	UJ	2.1	UJ		
PEST	beta-BHC	2.2	UJ	2.1	UJ		
PEST	delta-BHC	2.2	UJ	2.1	UJ		
PEST	gamma-BHC (Lindane)	2.2	UJ	2.1	UJ		
PEST	gamma-Chlordane	2.2	UJ	2.1	UJ		
PEST	Endrin aldehyde	4.2	UJ	4.1	UJ		

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>		009-M-0001-01		009-M-0001-01 D			
ORIGINAL ID ——>		09M0101		09M0101D			
LAB SAMPLE ID ——>		39496-32		39496-33			
ID FROM REPORT ——>		09M0101		09M0101D			
SAMPLE DATE ——>		03/02/94		03/02/94			
DATE EXTRACTED ——>							
DATE ANALYZED ——>		03/09/94		03/10/94			
MATRIX ——>		Soil		Soil			
UNITS ——>		UG/KG		UG/KG			
Method	Parameter	CT520	VAL	CT520	VAL		
SVOA	1,2,4-Trichlorobenzene	410.	U	410.	U		
SVOA	1,2-Dichlorobenzene	410.	U	410.	U		
SVOA	1,3-Dichlorobenzene	410.	U	410.	U		
SVOA	1,4-Dichlorobenzene	410.	U	410.	U		
SVOA	2,4,5-Trichlorophenol	1000.	U	980.	U		
SWA	2,4,6-Trichlorophenol	410.	U	410.	U		
SVOA	2,4-Dichlorophenol	410.	U	410.	U		
SVOA	2,4-Dimethylphenol	410.	U	410.	U		
SVOA	2,4-Dinitrophenol	1000.	U	980.	U		
SVOA	2,4-Dinitrotoluene	410.	U	410.	U		
SVOA	2,6-Dinitrotoluene	410.	U	410.	U		
SVOA	2-Chloronaphthalene	410.	U	410.	U		
SVOA	2-Chlorophenol	410.	U	410.	U		
SVOA	2-Methylnaphthalene	410.	U	410.	U		
SVOA	2-Methylphenol (o-Cresol)	410.	U	410.	U		
SVOA	2-Nitroaniline	1000.	U	980.	U		
SVOA	2-Nitrophenol	410.	U	410.	U		
SVOA	3,3'-Dichlorobenzidine	410.	U	410.	U		
SVOA	3-Nitroaniline	1000.	U	980.	U		
SVOA	4,6-Dinitro-2-methylphenol	1000.	U	980.	U		
SVOA	4-Bromophenyl-phenylether	410.	U	410.	U		
SVOA	4-Chloro-3-methylphenol	410.	U	410.	U		
SVOA	4-Chloroaniline	410.	U	410.	U		
SVOA	4-Chlorophenyl-phenylether	410.	U	410.	U		
SVOA	4-Methylphenol (p-Cresol)	410.	U	410.	U		
SVOA	4-Nitroaniline	1000.	U	980.	U		
SVOA	4-Nitrophenol	1000.	U	980.	U		
SVOA	Acenaphthene	410.	U	410.	U		
SVOA	Acenaphthylene	410.	U	410.	U		
SVOA	Anthracene	410.	U	410.	U		
SVOA	Benzo(a)anthracene	91.	J	410.	U		
SVOA	Benzo(a)pyrene	98.	J	410.	U		
SVOA	Benzo(b)fluoranthene	110.	J	410.	U		
SVOA	Benzo(g,h,i)perylene	410.	U	410.	U		
SVOA	Benzo(k)fluoranthene	150.	J	410.	U		
SVOA	Butylbenzylphthalate	410.	U	410.	U		

*** Validation Complete *+*

	SAMPLE ID ——>	009-N-0001-01		009-N-0001-01 D				
	ORIGINAL ID ——>	09N0101		09N0101D				
	LAB SAMPLE ID ——>	39496-32		39496-33				
	ID FROM REPORT ——>	09N0101		09N0101D				
	SAMPLE DATE ——>	03/02/94		03/02/94				
	DATE EXTRACTED ——>							
	DATE ANALYZED ——>	03/09/94		03/10/94				
	MATRIX ——>	Soil		Soil				
	UNITS ——>	UG/KG		UG/KG				
Method	Parameter	CT520	VAL	CT520	VAL			
SVOA	Carbazole	410.	U	410.	U			
SVOA	Chrysene	110.	J	410.	U			
SVOA	Di-n-butylphthalate	410.	U	410.	U			
SVOA	Di-n-octylphthalate	410.	U	410.	U			
SVOA	Dibenzo(a,h)anthracene	410.	U	410.	U			
SVOA	Dibenzofuran	410.	U	410.	U			
SVOA	Diethylphthalate	410.	U	410.	U			
SVOA	Dimethylphthalate	410.	U	410.	U			
SVOA	Fluoranthene	190.	J	90.	J			
SVOA	Fluorene	410.	U	410.	U			
SVOA	Hexachlorobenzene	410.	U	410.	U			
SVOA	Hexachlorobutadiene	410.	U	410.	U			
SVOA	Hexachlorocyclopentadiene	410.	U	410.	U			
SVOA	Hexachloroethane	410.	U	410.	U			
SVOA	Indeno(1,2,3-cd)pyrene	410.	U	410.	U			
SVOA	Isophorone	410.	U	410.	U			
SVOA	N-Nitroso-di-n-propylamine	410.	U	410.	U			
SVOA	N-Nitrosodiphenylamine	410.	U	410.	U			
SVOA	Naphthalene	410.	U	410.	U			
SVOA	Nitrobenzene	410.	U	410.	U			
SVOA	Pentachlorophenol	1000.	U	980.	U			
SVOA	Phenanthrene	410.	U	410.	U			
SVOA	Phenol	410.	U	410.	U			
SVOA	Pyrene	170.	J	98.	J			
SVOA	bis(2-Chloroethoxy)methane	410.	U	410.	U			
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	180.	J	120.	J			
SVOA	bis(2-Chloroethyl)ether	410.	U	410.	U			
SVOA	2,2'-oxybis(1-Chloropropane)	410.	U	410.	U			

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——:	009-M-0001-01		009-M-0001-01 D			
	ORIGINAL ID ——:	09M0101		09M0101D			
	LAB SAMPLE ID —:	39496-15		39496-16			
	ID FROM REPORT —:	09M0101		09M0101D			
	SAMPLE DATE ——:	03/02/94		03/02/94			
	DATE EXTRACTED —:						
	DATE ANALYZED —:	03/11/94		03/09/94			
	MATRIX ————:	Soil		Soil			
	UNITS ————:	UG/KG		UG/KG			
Method	Parameter	CT520	VAL	CT520	VAL		
VOA	1,1,1-Trichloroethane	12.	U	12.	U		
VOA	1,1,2,2-Tetrachloroethane	12.	U	12.	U		
VOA	1,1,2-Trichloroethane	12.	U	12.	U		
VOA	1,1-Dichloroethane	12.	U	12.	U		
VOA	1,1-Dichloroethene	12.	U	12.	U		
VOA	1,2-Dichloroethane	12.	U	12.	U		
VOA	1,2-Dichloroethene (total)	12.	U	12.	U		
VOA	1,2-Dichloropropane	12.	U	12.	U		
VOA	2-Butanone (MEK)	12.	U	12.	U		
VOA	2-Hexanone	12.	U	12.	U		
VOA	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U		
VOA	Acetone	170.		180.	J		
VOA	Benzene	12.	U	12.	U		
VOA	Bromodichloromethane	12.	U	12.	U		
VOA	Bromoform	12.	U	12.	U		
VOA	Bromomethane	12.	U	12.	U		
VOA	Carbon dirulfide	12.	U	12.	U		
VOA	Carbon tetrachloride	12.	U	12.	U		
VOA	Chlorobenzene	12.	U	12.	U		
VOA	Chloroethane	12.	U	12.	U		
VOA	Chloroform	12.	U	12.	U		
VOA	Chloromethane	12.	U	12.	U		
VOA	Dibromochloromethane	12.	U	12.	U		
VOA	Ethylbenzene	12.	U	12.	U		
VOA	Methylene chloride	12.	U	26.	U		
VOA	Styrene	12.	U	12.	U		
VOA	Tetrachloroethene	12.	U	12.	U		
VOA	Toluene	12.	U	12.	U		
VOA	Trichloroethene	12.	U	12.	U		
VOA	Vinyl chloride	12.	U	12.	U		
VOA	m+p-Xylenes	12.	U	12.	U		
VOA	cis-1,3-Dichloropropene	12.	U	12.	U		
VOA	trans-1,3-Dichloropropene	12.	U	12.	U		

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 4 PHASE 2

	SAMPLE ID ——>	009-S-0010-01		009-S-0010-03		009-C-0010-03		009-S-0010-04		009-S-0011-01		009-S-0011-03	
	ORIGINAL ID ——>	09S1001		09S1003		09S1003D		09S1004		09S1101		09S1103	
	LAB SAMPLE ID ——>	40308-1		40308-2		40308-3		40308-4		40308-5		40308-6	
	SAMPLE DATE ——>	05/18/94		05/18/94		05/18/94		05/18/94		05/18/94		05/18/94	
	DATE EXTRACTED ——>	05/19/94		05/19/94		05/19/94		05/19/94		05/19/94		05/19/94	
	DATE ANALYZED ——>	05/24/94		05/24/94		05/24/94		05/24/94		05/24/94		05/24/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV
SVOA	Phenol	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	bis(2-Chloroethyl)ether	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2-Chlorophenol	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	1,3-Dichlorobenzene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	1,4-Dichlorobenzene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	1,2-Dichlorobenzene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2-Methylphenol (o-Cresol)	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,2'-oxybis(1-Chloropropane)	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	4-Methylphenol (p-Cresol)	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	N-Nitroso-di-n-propylamine	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Hexachloroethane	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Nitrobenzene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Isophorone	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2-Nitrophenol	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,4-Dimethylphenol	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	bis(2-Chloroethoxy)methane	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,4-Dichlorophenol	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	1,2,4-Trichlorobenzene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Naphthalene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	4-Chloroaniline	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Hexachlorobutadiene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	4-Chloro-3-methylphenol	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2-Methylnaphthalene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Hexachlorocyclopentadiene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,4,6-Trichlorophenol	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,4,5-Trichlorophenol	810.	U	820	U	820.	U	860.	U	800.	U	820.	U
SVOA	2-Chloronaphthalene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2-Nitroaniline	810.	U	820.	U	820.	U	860.	U	800.	U	820.	U
SVOA	Dimethylphthalate	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Acenaphthylene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,6-Dinitrotoluene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	3-Nitroaniline	810.	U	820.	U	820.	U	860.	U	800.	U	820.	U
SVOA	Acenaphthene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,4-Dinitrophenol	810.	U	820.	U	820.	U	860.	U	800.	U	820.	U
SVOA	4-Nitrophenol	810.	U	820.	U	820.	U	860.	U	800.	U	820.	U
SVOA	Dibenzofuran	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	2,4-Dinitrotoluene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U

	SAMPLE ID	009-S-0010-01		009-S-0010-03		009-C-0010-03		009-S-0010-04		009-S-0011-01		009-S-0011-03	
	ORIGINAL ID	09S1001		09S1003		09S1003D		09S1004		09S1101		09S1103	
	LAB SAMPLE ID	40308-1		40308-2		40308-3		40308-4		40308-5		40308-6	
	SAMPLE DATE	05/18/94		05/18/94		05/18/91		05/18/94		05/18/94		05/11/94	
	DATE EXTRACTED	05/19/94		05/19/94		05/19/94		05/19/94		05/19/94		05/19/91	
	DATE ANALYZED	05/24/94		05/24/94		05/24/94		05/24/94		05/24/94		05/24/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV
SVOA	Diethylphthalate	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	4-Chlorophenyl-phenylether	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Fluorene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	4-Nitroaniline	810.	U	820.	U	820.	U	860.	U	800.	U	820.	U
SVOA	4,6-Dinitro-2-methylphenol	810.	U	820.	U	820.	U	860.	U	800.	U	820.	U
SVOA	N-Nitrosodiphenylamine	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	4-Bromophenyl-phenylether	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Hexachlorobenzene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Pentachlorophenol	810.	U	820.	U	820.	U	860.	U	800.	U	820.	U
SVOA	Phenanthrene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Anthracene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Carbazole	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Di-n-butylphthalate	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Fluoranthene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Pyrene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Butylbenzylphthalate	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	3,3'-Dichlorobenzidine	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Benzo(a)anthracene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Chrysene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Di-n-octylphthalate	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Benzo(b)fluoranthene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Benzo(k)fluoranthene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Benzo(a)pyrene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Indeno(1,2,3-cd)pyrene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Dibenzo(a,h)anthracene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U
SVOA	Benzo(g,h,i)perylene	330.	U	340.	U	340.	U	350.	U	330.	U	340.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-s-0011-04		009-s-0012-01		009-s-0012-03		009-s-0012-04		009-s-0013-01		009-s-0013-03	
	ORIGINAL ID ——>	09S1104		09S1201		09S1203		09S1204		09S1301		09S1303	
	LAB SAMPLE ID ——>	40308-7		40308-8		40308-9		40308-10		40308-11		40308-12	
	SAMPLE DATE ——>	05/18/94		05/18/94		05/18/94		05/18/94		05/18/94		05/18/94	
	DATE EXTRACTED ——>	05/19/94		05/19/94		05/19/94		05/19/94		05/19/94		05/19/94	
	DATE ANALYZED ——>	05/24/94		05/24/94		05/24/94		05/24/94		05/24/94		05/24/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV
SVOA	Phenol	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	bis(2-Chloroethyl)ether	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2-Chlorophenol	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	1,3-Dichlorobenzene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	1,4-Dichlorobenzene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	1,2-Dichlorobenzene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2-Methylphenol (o-Cresol)	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2,2'-oxybis(1-Chloropropane)	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	4-Methylphenol (p-Cresol)	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	N-Nitroso-di-n-propylamine	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Hexachloroethane	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Nitrobenzene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Isophorone	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2-Nitrophenol	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2,4-Dimethylphenol	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	bis(2-Chloroethoxy)methane	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2,4-Dichlorophenol	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	1,2,4-Trichlorobenzene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Naphthalene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	4-Chloroaniline	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Hexachlorobutadiene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	4-Chloro-3-methylphenol	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2-Methylnaphthalene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Hexachlorocyclopentadiene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2,4,6-Trichlorophenol	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2,4,5-Trichlorophenol	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	2-Chloronaphthalene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2-Nitroaniline	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	Dimethylphthalate	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Acenaphthylene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2,6-Dinitrotoluene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	3-Nitroaniline	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	Acenaphthene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2,4-Dinitrophenol	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	4-Nitrophenol	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	Dibenzofuran	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	2[illegible]Dinitrotoluene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID →	009-S-0011-04		009-S-0012-01		009-S-0012-03		009-S-0012-04		009-S-0013-01		009-S-0013-03	
	ORIGINAL ID →	09S1104		09S1201		09S1203		09S1204		09S1301		09S1303	
	LAB SAMPLE ID →	40308-7		40308-8		40308-9		40308-10		40308-11		40308-12	
	SAMPLE DATE →	05/18/94		05/18/94		05/18/94		05/18/94		05/18/94		05/18/94	
	DATE EXTRACTED →	05/19/94		05/19/94		05/19/94		05/19/94		05/19/94		05/19/94	
	DATE ANALYZED →	05/24/94		05/24/94		05/24/94		05/24/94		05/24/94		05/24/94	
	MATRIX →	soil		Soil		Soil		Soil		Soil		Soil	
	UNITS →	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV	CT522	NV
SVOA	Diethylphthalate	350.	U	330.	U	340.	U	320.	U	340.	U	340.	U
SVOA	4-Chlorophenyl-phenylether	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Fluorene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	4-Nitroaniline	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	4,6-Dinitro-2-methylphenol	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	N-Nitrosodiphenylamine	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	4-Bromophenyl-phenylether	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Hexachlorobenzene	350.	U	330.	U	340.	U	320.	U	340.	U	340.	U
SVOA	Pentachlorophenol	860.	U	810.	U	830.	U	860.	U	820.	U	820.	U
SVOA	Phenanthrene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Anthracene	350.	U	330.	U	340.	U	320.	U	340.	U	340.	U
SVOA	Carbazole	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Di-n-butylphthalate	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Fluoranthene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Pyrene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Butylbenzylphthalate	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	3,3'-Dichlorobenzidine	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Benzo(a)anthracene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Chrysene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	330.	U	340.	U	350.	U	98.	U	340.	U
SVOA	Di-n-octylphthalate	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Benzo(b)fluoranthene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Benzo(k)fluoranthene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Benzo(a)pyrene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Indeno(1,2,3-cd)pyrene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Dibenzo(a,h)anthracene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U
SVOA	Benzo(g,h,i)perylene	350.	U	330.	U	340.	U	350.	U	340.	U	340.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID →	009-S-0013-04		009-S-0014-01		009-S-0014-03		009-S-0015-01		009-S-0015-03		009-S-0016-01	
	ORIGINAL ID →	09S1304		09S1401		09S1403		09S1501		09S1503		09S1601	
	LAB SAMPLE ID →	40308-13		40308-14		40308-15		40327-3		40327-4		40327-5	
	SAMPLE DATE →	05/18/94		05/18/94		05/18/94		05/19/94		05/19/94		05/19/94	
	DATE EXTRACTED →	05/19/94		05/19/94		05/19/94		05/25/94		05/25/94		05/25/94	
	DATE ANALYZED →	05/24/94		05/24/94		05/24/94		05/26/94		05/26/94		05/26/94	
	MATRIX →	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS →	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	AM	CT522	NV	CT522	NV	CT523	VA	CT523	VAL	CT523	VAL
SVOA	Phenol	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	bis(2-Chloroethyl)ether	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2-Chlorophenol	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	1,3-Dichlorobenzene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	1,4-Dichlorobenzene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	1,2-Dichlorobenzene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2-Methylphenol (o-Cresol)	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,2'-oxybis(1-Chloropropane)	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	4-Methylphenol (p-Cresol)	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	N-Nitroso-di-n-propylamine	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	Hexachloroethane	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	Nitrobenzene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	Isophorone	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2-Nitrophenol	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,4-Dimethylphenol	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	bis(2-Chloroethoxy)methane	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,4-Dichlorophenol	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	1,2,4-Trichlorobenzene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	Naphthalene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	4-Chloroaniline	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	Hexachlorobutadiene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	4-Chloro-3-methylphenol	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2-Methylnaphthalene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	Hexachlorocyclopentadiene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,4,6-Trichlorophenol	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,4,5-Trichlorophenol	850.	U	810.	U	850.	U	810.	U		U	820.	U
SVOA	2-Chloronaphthalene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2-Nitroaniline	850.	U	810.	U	850.	U	810.	U		U	820.	U
SVOA	Dimethylphthalate	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	Acenaphthylene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,6-Dinitrotoluene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	3-Nitroaniline	850.	U	810.	U	850.	U	810.	U		U	820.	U
SVOA	Acenaphthene	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,4-Dinitrophenol	850.	U	810.	U	850.	U	810.	U		U	820.	U
SVOA	4-Nitrophenol	850.	U	810.	U	850.	U	810.	U		U	820.	U
SVOA	Dibenzofuran	350.	U	330.	U	350.	U	330.	U		U	340.	U
SVOA	2,4-Dinitrotoluene	350.	U	330.	U	350.	U	330.	U		U	340.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-S-0013-04		009-S-0014-01		009-S-0014-03		009-S-0015-01		009-S-0015-03		009-S-0016-01	
	ORIGINAL ID ——>	09S1304		09S1401		09S1403		09S1501		09S1503		09S1601	
	LAB SAMPLE ID ——>	40308-13		40308-14		40308-15		40327-3		40327-4		40327-5	
	SAMPLE DATE ——>	01/18/94		05/18/94		05/18/94		05/19/94		05/19/94		05/19/94	
	DATE EXTRACTED ——>	01/19/94		05/19/94		05/19/94		05/25/94		05/25/94		05/25/94	
	DATE ANALYZED ——>	05/24/94		05/24/94		05/24/94		05/26/94		05/26/94		05/26/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	NV	CT522	NV	CT522	NV	CT523	VAL	CT523	VAL	CT523	VAL
SVOA	Diethylphthalate	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	4-Chlorophenyl-phenylether	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Fluorene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	4-Nitroaniline	850.	U	810.	U	850.	U	810.	U	890.	U	820.	U
SVOA	4,6-Dinitro-2-methylphenol	850.	U	810.	U	850.	U	810.	U	890.	U	820.	U
SVOA	N-Nitrosodiphenylamine	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	4-Bromophenyl-phenylether	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Hexachlorobenzene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Pentachlorophenol	850.	U	810.	U	850.	U	810.	U	890.	U	820.	U
SVOA	Phenanthrene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Anthracene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Carbazole	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Di-n-butylphthalate	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Fluoranthene	350.	U	120.	J	350.	U	330.	U	370.	U	120.	J
SVOA	Pyrene	350.	U	110.	J	350.	U	330.	U	370.	U	120.	J
SVOA	Butylbenzylphthalate	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	3,3'-Dichlorobenzidine	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Benzo(a)anthracene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Chrysene	350.	U	74.	J	350.	U	330.	U	370.	U	340.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Di-n-octylphthalate	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Benzo(b)fluoranthene	350.	U	72.	J	350.	U	330.	U	370.	U	340.	U
SVOA	Benzo(k)fluoranthene	350.	U	73.	J	350.	U	330.	U	370.	U	340.	U
SVOA	Benzo(a)pyrene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Indeno(1,2,3-cd)pyrene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Dibenzo(a,h)anthracene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U
SVOA	Benzo(g,h,i)perylene	350.	U	330.	U	350.	U	330.	U	370.	U	340.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-S-0018-01		009-S-0018-03	
	ORIGINAL ID ——>	0931801		0931803	
	LAB SAMPLE ID ——>	40363-001		40363-002	
	SAMPLE DATE ——>				
	MATRIX ——>	Soil		Soil	
	UNITS ——>	MG/KG		MG/KG	
Method	Parameter	CT523	NV	CT523	NV
METAL	Cyanide	0.14	U	0.51	
METAL	Aluminum	13400.		6150.	
METAL	Antimony	137.	J	16.3	
METAL	Arsenic	18.8		11.7	
METAL	Barium	2940.		945.	
METAL	Beryllium	0.17	U	0.25	U
METAL	Cadmium	37.7		12.3	
METAL	Calcium	11100.		7350.	
METAL	Chromium	502.		69.2	
METAL	Cobalt	28.5	U	4.4	U
METAL	Copper	47700.		2690.	
METAL	Iron	41700.		25200.	
METAL	Lead	51300.		4470.	
METAL	Magnesium	3260.		1110.	
METAL	Manganese	444.		252.	
METAL	Mercury	0.04	U	0.51	
METAL	Nickel	133.	J	64.3	
METAL	Potassium	254.	U	377.	U
METAL	Selenium	1.3	U	1.3	U
METAL	Silver	23.2		0.72	U
METAL	Sodium	285.		103.	
METAL	Thallium	1.	U	1.	
METAL	Vanadium	16.5	U	9.5	U
METAL	Zinc	18200.	J	5670.	J

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

SAMPLE ID ——>	009-S-0018-01
ORIGINAL ID ——>	09S1801
LAB SAMPLE ID ——>	40363-1
SAMPLE DATE ——>	
DATE EXTRACTED ——>	06/02/94
DATE ANALYZED ——>	06/04/94
MATRIX ——>	Soil
UNITS ——>	UG/KG

Method	Parameter	CT523	VAL	CT523	
PEST	alpha-BHC	2.1	U	2.	U
PEST	beta-BHC	2.1	U	2.	U
PEST	delta-BHC	2.1	U	2.	U
PEST	gamma-BHC (Lindane)	2.1	U	2.	U
PEST	Heptachlor	2.1	U	2.	U
PEST	Aldrin	2.1	U	2.	U
PEST	Heptachlor epoxide	2.1	U	2.	U
PEST	Endosulfan I	2.1	U	2.	U
PEST	Dieldrin	4.2	U	3.9	U
PEST	4,4'-DDE	4.2	U	3.9	U
PEST	Endrin	4.2	U	3.9	U
PEST	Endosulfan II	4.2	U	3.9	U
PEST	4,4'-DDD	4.2	U	3.9	U
PEST	Endosulfan sulfate	4.2	U	3.9	U
PEST	4,4'-DDT	4.2	U	3.9	U
PEST	Methoxychlor	21.	U	20.	U
PEST	Endrin ketone	4.2	U	3.9	U
PEST	Endrin aldehyde	4.2	U	3.9	U
PEST	alpha-Chlordane	2.1	U	2.	U
PEST	gamma-Chlordane	2.1	U	2.	U
PEST	Toxaphene	210.	U	200.	U
PEST	Aroclor-1016	42.	U	39.	U
PEST	Aroclor-1221	85.	U	79.	U
PEST	Aroclor-1232	42.	U	39.	U
PEST	Aroclor-1242	42.	U	39.	U
PEST	Aroclor-1248	42.	U	39.	U
PEST	Aroclor-1254	42.	U	39.	U
PEST	Aroclor-1260	42.	U	39.	U

PENSACOLA, SITB 09
PENSACOLA, SITB 09, CAT 5, PHASE 2

	SAMPLE ID ——>			009-S-0016-03		009-S-0017-01		009-S-0017-03		009-S-0018-01		009-S-0018-03	
	ORIGINAL ID ——>			09S1603		09S1701		09S1703		09S1801		09S1803	
	LAB SAMPLE ID ——>			40327-7		40327-1		40327-2		40363-1		40363-2	
	SAMPLE DATE ——>			05/19/94		05/19/94		05/19/94					
	DATE EXTRACTED ——>			05/25/94		05/25/94		05/27/94		05/25/94		05/27/94	
	DATE ANALYZED ——>			05/26/94		05/26/94		05/31/94		05/31/94		06/01/94	
	MATRIX ——>			Soil		Soil		Soil		Soil		Soil	
	UNITS ——>			UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT523	VK	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL
SVOA	Phenol	330.	U	340.	U	UO.	U	11000.	U	420.	U	12000.	U
SVOA	bis(2-Chloroethyl)ether	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2-Chlorophenol	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	1,3-Dichlorobenzene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	1,4-Dichlorobenzene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	1,2-Dichlorobenzene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2-Methylphenol (o-Cresol)	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2,2'-oxybis(1-Chloropropane)	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	4-Methylphenol (p-Cresol)	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	N-Nitroso-di-n-propylamine	330.	U	340.	U	UO.	U	11000.	U	420.	U	12000.	U
SVOA	Hexachloroethane	330.	U	340.	U	UO.	U	11000.	U	420.	U	12000.	U
SVOA	Nitrobenzene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	Isophorone	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2-Nitrophenol	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2,4-Dimethylphenol	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	bis(2-Chloroethoxy)methane	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2,4-Dichlorophenol	330.	U	340.	U	UO.	U	11000.	U	420.	U	12000.	U
SVOA	1,2,4-Trichlorobenzene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	Naphthalene	330.	U	340.	U	UO.	U	11000.	U	420.	U	12000.	U
SVOA	4-Chloroaniline	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	Hexachlorobutadiene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	4-Chloro-3-methylphenol	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2-Methylnaphthalene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	Hexachlorocyclopentadiene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2,4,6-Trichlorophenol	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2,4,5-Trichlorophenol	810.	U	840.	U	810.	U	27000.	U	1000.	U	30000.	U
SVOA	2-Chloronaphthalene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2-Nitroaniline	810.	U	840.	U	810.	U	27000.	U	1000.	U	30000.	U
SVOA	Dimethylphthalate	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	Acenaphthylene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2,6-Dinitrotoluene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	3-Nitroaniline	810.	U	840.	U	810.	U	27000.	U	1000.	U	30000.	U
SVOA	Acenaphthene	330.	U	340.	U	330.	U	11000.	U	420.	U	12000.	U
SVOA	2,4-Dinitrophenol	810.	U	840.	U	810.	U	27000.	U	1000.	U	30000.	U
SVOA	4-Nitrophenol	810.	U	840.	U	810.	U	27000.	U	1000.	U	30000.	U
SI	Dibenzofuran	330.	U	340.		330.	U	11000.	U	420.	U	12000.	U
SI	2,[illegible]nitrotoluene	330.	U	340.		330.	U	11000.	U	420.	U	[illegible]000.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

SAMPLE ID ——>		009-C-0016-01		009-S-0016-03		009-S-0017-01		009-S-0017-03		009-S-0018-01		009-S-0018-03	
ORIGINAL ID ——>		09S1601D		09S1603		09S1701		09S1703		09S1801		09S1803	
LAB SAMPLE ID ——>		40327-6		40327-7		40327-1		40327-2		40363-1		40363-2	
SAMPLE DATE ——>		05/19/94		05/19/94		05/19/94		05/19/94					
DATE EXTRACTED ——>		05/25/94		05/25/94		05/25/94		05/27/94		05/25/94		05/27/94	
DATE ANALYZED ——>		05/26/94		05/26/94		05/26/94		05/31/94		05/31/94		06/01/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL
SVOA	Diethylphthalate	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	4-Chlorophenyl-phenylether	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	Fluorene	330.	U	340.	U	330.	U	11000.	U	330.	U		U
SVOA	4-Nitroaniline	810.	U	840.	U	810.	U	27000.	U	1000.	U		U
SVOA	4,6-Dinitro-2-methylphenol	810.	U	840.	U	810.	U	27000.	U	1000.	U		U
SVOA	N-Nitrosodiphenylamine	330.	U	330.	U		U	11000.	U	420.	U		U
SVOA	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	Hexachlorobenzene	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	Pentachlorophenol	810.	U	840.	U	810.	U	27000.	U	1000.	U		U
SVOA	Phenanthrene	330.	U	330.	U	250.	J	3900.	J	330.	U		J
SVOA	Anthracene	330.	U	330.	U	330.	U	11000.	U	330.	U		J
SVOA	Carbazole	330.	U	330.	U	330.	U	11000.	U	420.	U		U
SVOA	Di-n-butylphthalate	330.	U	330.	U	330.	U	11000.	U	420.	U		U
SVOA	Fluoranthene	330.	U	330.	U	650.		6700.	J	420.	U		
SVOA	Pyrene	69.	J	330.	U	650.		5700.	J	420.	U		
SVOA	Butylbenzylphthalate	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	3,3'-Dichlorobenzidine	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	Benzo(a)anthracene	330.	U	330.	U	340.		3500.	J	330.	U		J
SVOA	Chrysene	330.	U	330.	U	370.		3900.	J	420.	U		J
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	Di-n-octylphthalate	330.	U	330.	U	330.	U	11000.	U	330.	U		U
SVOA	Benzo(b)fluoranthene	330.	U	330.	U	370.		3300.	J	330.	U		
SVOA	Benzo(k)fluoranthene	330.	U	330.	U	310.	J	3900.	J	330.	U		J
SVOA	Benzo(a)pyrene	330.	U	330.	U	310.	J	3100.	J	330.	U		J
SVOA	Indeno(1,2,3-cd)pyrene	330.	U	330.	U	150.	J	11000.	U	420.	U		J
SVOA	Dibenzo(a,h)anthracene	330.	U	330.	U	330.	U	11000.	U	420.	U		U
SVOA	Benzo(g,h,i)perylene	330.	U	330.	U	150.	J	11000.	U	330.	U		J

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-S-0018-01		009-S-0018-01 RE		009-S-0018-03		009-S-0018-03 RE			
	ORIGINAL ID ——>	09S1801		A52401RE		09S1803		A52402RE			
	LAB SAMPLE ID ——>	40363-1		40363-1RE		40363-2		40363-2RE			
	SAMPLE DATE ——>										
	DATE ANALYZED ——>	06/03/94		06/03/94		06/03/94		06/03/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL		
VOA	Chloromethane	12.	U	13.	U	12.	U	12.	U		
VOA	Bromomethane	12.	U	13.	U	12.	U	12.	U		
VOA	Vinyl chloride	12.	U	13.	U	12.	U	12.	U		
VOA	Chloroethane	12.	U	13.	U	12.	U	12.	U		
VOA	Methylene chloridr	230.	U	350.	U	310.	U	14.	U		
VOA	Acetone	12.	U	87.	U	12.	U	40.	U		
VOA	Carbon disulfide	12.	U	13.	U	12.	U	12.	U		
VOA	1,1-Dichloroethene	12.	U	13.	U	12.	U	12.	U		
VOA	1,1-Dichloroethane	12.	U	13.	U	12.	U	12.	U		
VOA	1,2-Dichloroethene (total)	12.	U	13.	U	12.	U	12.	U		
VOA	Chloroform	12.	U	13.	U	12.	U	12.	U		
VOA	1,2-Dichloroethane	12.	U	13.	U	12.	U	12.	U		
VOA	2-Butanone (MEK)	12.	U	13.	U	12.	U	12.	U		
VOA	1,1,1-Trichloroethane	12.	U	13.	U	12.	U	12.	U		
VOA	Carbon tetrachloride	12.	U	13.	U	12.	U	12.	U		
VOA	Bromodichloromethane	12.	U	13.	U	12.	U	12.	U		
VOA	1,2-Dichloropropane	12.	U	13.	U	12.	U	12.	U		
VOA	cia-1,3-Dichloropropene	12.	U	13.	U	12.	U	12.	U		
VOA	Trichloroethene	12.	U	13.	U	12.	U	12.	U		
VOA	Dibromochloromethane	12.	U	13.	U	12.	U	12.	U		
VOA	1,1,2-Trichloroethane	12.	U	13.	U	12.	U	12.	U		
VOA	Benzene	12.	U	13.	U	12.	U	12.	U		
VOA	trans-1,3-Dichloropropene	12.	U	13.	U	12.	U	12.	U		
VOA	Bromoform	12.	U	13.	U	12.	U	12.	U		
VOA	4-Methyl-2-Pentanone (MIBK)	12.	U	13.	U	12.	U	12.	U		
VOA	2-Hexanone	12.	U	13.	U	12.	U	12.	U		
VOA	Tetrachloroethene	12.	U	13.	U	12.	U	12.	U		
VOA	1,1,2,2-Tetrachloroethane	12.	U	13.	U	12.	U	12.	U		
VOA	Toluene	4.	J	19.		6.	J	12.	U		
VOA	Chlorobenzene	12.	U	13.	U	12.	U	12.	U		
VOA	Ethylbenzene	12.	U	13.	U	12.	U	12.	U		
VOA	Styrene	12.	U	13.	U	12.	U	12.	U		
VOA	m+p-Xylenes	12.	U	13.	U	12.	U	12.	U		

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	D09-S-0020-01		)09-C-0020-01		D09-S-0020-12		)09-S-0021-01			
	ORIGINAL ID ——>	D09S002001		D09C002001		D09S002012		)09S002101			
	LAB SAMPLE ID ——>	213900		E16836		213918		)13926			
	SAMPLE DATE ——>	D9/12/94		D9/12/94		D9/12/94		)9/12/94			
	MATRIX ——>	Soil		Soi1		Soil		Soi1			
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG			
Method	Parameter	CT5263	VAL	CT5263	VAL	CT5263	VAL	CT5263	VAL		
METAL	Cyanide	1.4	U	1.5	U	1.6	U	1.5	U		
METAL	Aluminum	119.	U	112.	U	40.6	U	208.	U		
METAL	Antimony	8.7	U	8.8	U	9.3	U	8.9	U		
METAL	Arsenic	0.94	U	0.95	U	1.	U	0.96	U		
METAL	Barium	0.64	U	0.7	U	0.45	U	1.3	U		
HETAL	Beryllium	0.24	U	0.24	U	0.25	U	0.24	U		
HETAL	Cadmium	1.2	U	1.2	U	1.3	U	1.2	U		
HETAL	Calcium	128.	U	118.	U	922.	U	109.	U		
NETAL	Chromium	1.2	U	1.2	U	1.3	U	1.2			
NETAL	Cobalt	0.94	U	0.95	U	1.	U	0.96	U		
HETAL	Copper	4.9	J	4.6		6.4		0.72	U		
HETAL	Iron	221.		206.		84.5	U	277.			
NETAL	Lead	9.9		5.3		9.5		2.			
HETAL	Magnesium	30.9	U	16.4	U	20.9	U	44.6	U		
MTAL		2.5		2.6		0.76	U	2.6			
HETAL	Mercury	0.12	U	0.12	U	0.13	U	0.12	U		
HETAL	Nickel	3.1	U	3.1	U	3.3	U	3.1	U		
HETAL	Potassium	125.	U	126.	U	134.	U	127.	U		
HETAL	Selenium	1.2	U	1.2	U	1.7	U	1.2	U		
HETAL	Silver	0.94	U	0.95	U	1.	U	0.96	U		
HETAL	Sodium	21.8	U	16.7	U	16.	U	7.7	U		
HETAL	Thallium	1.3		1.2	U	1.3	U	1.2	U		
HETAL	Vanadium	0.41	U	0.47	U	0.5	U	0.48	U		
HETAL	Zinc	3.6	U	3.7	U	8.4	U	10.2	U		

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID	009-S-0019-01		009-S-0019-03		009-S-0020-01		009-C-0020-01		009-S-0020-12		009-S-0021-01	
	ORIGINAL ID	09S1901		09S1903		009S002001		009C002001		009S002012		009S002101	
	LAB SAMPLE ID	40327-8		40327-9		21390.0		21683.6		21391.8		21392.6	
	SAMPLE DATE	05/19/94		05/19/94		09/12/94		09/12/94		09/12/94		09/12/94	
	DATE EXTRACTED	05/25/94		05/25/94		09/16/94		09/16/94		09/16/94		09/16/94	
	DATE ANALYZED	05/26/94		05/26/94		09/20/94		09/20/94		09/20/94		09/20/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Method	Parameter	CT523	VAL	CT523	VAL	CT526	VAL	CT526	VAL	CT526	VAL	CT526	VAL
SVOA	Phenol	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	bis(2-Chloroethyl)ether	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	2-Chlorophenol	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	1,3-Dichlorobenzene	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	1,4-Dichlorobenzene	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	1,2-Dichlorobenzene	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	2-Methylphenol (o-Cresol)	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	4-Methylphenol (p-Cresol)	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	N-Nitroso-di-n-propylamine	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Hexachloroethane	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Nitrobenzene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Isophorone	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	2-Nitrophenol	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	2,4-Dimethylphenol	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	bis(2-Chloroethoxy)methane	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	2,4-Dichlorophenol	340.	U	400.	U	390.	U	390.	U	420.	U	WO,	U
SVOA	1,2,4-Trichlorobenzene	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	Naphthalene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	4-Chloroaniline	340.	U	400.	U	390.	U	390.	U	420.	U	WO,	U
SVOA	Hexachlorobutadiene	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	4-Chloro-3-methylphenol	340.	U	400.	U	390.	U	390.	U	UO,	U	WO,	U
SVOA	2-Methylnaphthalene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Hexachlorocyclopentadiene	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	2,4,6-Trichlorophenol	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	2,4,5-Trichlorophenol	820.	U	960.	U	940.	U	950.	U	TMO,	U	950.	U
SVOA	2-Chloronaphthalene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	2-Nitroaniline	820.	U	960.	U	940.	U	950.	U	TMO,	U	950.	U
SVOA	Dimethylphthalate	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U
SVOA	Acenaphthylene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	2,6-Dinitrotoluene	340.	U	400.	U	390.	U	390.	U	MO,	U	WO,	U
SVOA	3-Nitroaniline	820.	U	960.	U	940.	U	950.	U	TMO,	U	950.	U
SVOA	Acenaphthene	340.	U	400.	U	390.	U	390.	U	MO,	U	390.	U
SVOA	2,4-Dinitrophenol	820.	U	960.	U	940.	U	950.	U	TMO,	U	950.	U
SVOA	4-Nitrophenol	820.	U	960.	U	940.	U	950.	U	TMO,	U	950.	U
SVOA	Dibenzofuran	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	2,4-Dinitrotoluene	340.	U	400.	U	390.	U	390.	U	UO,	U	390.	U

+++ Validation Complete +++

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-S-0019-01		009-S-0019-03		009-S-0020-01		009-C-0020-01		009-S-0020-12		009-S-0021-01	
	ORIGINAL ID ——>	09S1901		09S1903		009S002001		009C002001		009S002012		009S002101	
	LAB SAMPLE ID ——>	40327-8		40327-9		21390.0		21683.6		21391.8		21392.6	
	SAMPLE DATE ——>	05/19/94		05/19/94		09/12/94		09/12/94		09/12/94		09/12/94	
	DATE EXTRACTED ——>	05/25/94		05/25/94		09/16/94		09/16/94		09/16/94		09/16/94	
	DATE ANALYZED ——>	05/26/94		05/26/94		09/20/94		09/20/94		09/20/94		09/20/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Method	Parameter	CT523	VAL	CT523	VAL	CT526	VAL	CT526	VAL	CT526	VAL	CT526	VAL
SVOA	Diethylphthalate	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	4-Chlorophenyl-phenyl ether	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	fluorene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	4-Nitroaniline	820.	U	960.	U	940.	U	950.	U	1000.	U	950.	U
SVOA	4,6-Dinitro-2-methylphenol	820.	U	960.	U	940.	U	950.	U	1000.	U	950.	U
SVOA	N-Nitrosodiphenylamine	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	4-Bromophenyl-phmylether	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Hexachlorobenzene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Pentachlorophenol	820.	U	960.	U	940.	U	950.	U	1000.	U	950.	U
SVOA	Phenanthrene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Anthracene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Carbazole	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Di-n-butylphthalate	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Fluoranthene	92.	J	95.	J	390.	U	390.	U	420.	U	390.	U
SVOA	Pyrene	130.	J	110.	J	390.	U	390.	U	420.	U	390.	U
SVOA	Butylbenzylphthalate	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Benzo(a)anthracene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Chrysene	75.	J	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	400.	U	390.	U	43.	U	420.	U	390.	U
SVOA	Di-n-octylphthalate	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Benzo(b)fluoranthene	95.	J	81.	J	390.	U	390.	U	420.	U	390.	U
DVOA	Benzo(k)fluoranthene	65.	J	65.	J	390.	U	390.	U	420.	U	390.	U
SVOA	Benzo(a)pyrene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Dibenzo(a,h)anthracene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U
SVOA	Benzo(g,h,i)perylene	340.	U	400.	U	390.	U	390.	U	420.	U	390.	U

DATALCP3

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

Tin: 16:21

SAMPLE ID	009-S-0021-12
ORIGINAL ID	009S002112
LAB SAMPLE ID	213934
SAMPLE DATE	09/12/94
MATRIX	Soil
UNITS	MG/KG

Method	Parameter	CT5263	VAL
METAL	Cyanide	1.6	U
METAL	Aluminum	39.6	U
METAL	Antimony	9.3	U
METAL	Arsenic	1.	U
METAL	Barium	0.25	U
METAL	Beryllium	0.25	U
METAL	Cadmium	1.3	U
METAL	Calcium	65.1	U
METAL	Chromium	1.3	U
WTAL	Cobalt	1.	U
METAL	Copper	0.76	U
METAL	Iron	98.5	
METAL	Lead	0.76	U
METAL	Magnesium	18.1	U
WTAL	Manganese	0.76	U
CTAL	Mercury	0.13	U
CTAL	Nickel	3.3	U
METAL	Potassium	134.	U
WTAL	Selenium	1.6	U
WTAL	Silver	1.	U
METAL	Sodium	16.3	U
METAL	Thallium	1.3	U
METAL	Vanadium	0.5	U
METAL	Zinc	9.5	U

*** Validation Complete ***

DATALCP3
05/01/95

SAMPLE ID ——>	009-S-0021-2
ORIGINAL ID ——>	009S002112
LAB SAMPLE ID ——>	21393.4
SAMPLE DATE ——>	09/12/94
DATE EXTRACTED ——>	09/16/94
DATE ANALYZED ——>	09/20/94
MATRIX ——>	Soil
UNITS ——>	ug/Kg

Method	Parameter	CT526	VAL
SVOA	Phenol	420.	U
SVOA	bis(2-Chloroethyl)ether	420.	U
SVOA	2-Chlorophenol	420.	U
SVOA	1,3-Dichlorobenzene	420.	U
SVOA	1,4-Dichlorobenzene	420.	U
SVOA	1,2-Dichlorobenzene	420.	U
SVOA	2-Methylphenol (o-Cresol)	420.	U
SVOA	2,2'-oxybis(1-Chloropropane)	420.	U
SVOA	4-Methylphenol (p-Cresol)	420.	U
SVOA	N-Nitroso-di-n-propylamine	420.	U
SVOA	Hexachloroethane	420.	U
SVOA	Nitrobenzene	420.	U
SVOA	Isophorone	420.	U
SVOA	2-Nitrophenol	420.	U
SVOA	2,4-Dimethylphenol	420.	U
SVOA	bis(2-Chloroethoxy)methane	420.	U
SVOA	2,4-Dichlorophenol	420.	U
SVOA	1,2,4-Trichlorobenzene	420.	U
SVOA	Naphthalene	420.	U
SVOA	4-Chloroaniline	420.	U
SVOA	Hexachlorobutadiene	420.	U
SVOA	4-Chloro-3-methylphenol	420.	U
SVOA	2-Methylnaphthalene	420.	U
SVOA	Hexachlorocyclopentadiene	420.	U
SVOA	2,4,6-Trichlorophenol	420.	U
SVOA	2,4,5-Trichlorophenol	1000.	U
SVOA	2-Chloronaphthalene	420.	U
SVOA	2-Nitroaniline	1000.	U
SVOA	Dimethylphthalate	420.	U
SVOA	Acenaphthylene	420.	U
SVOA	2,6-Dinitrotoluene	420.	U
SVOA	3-Nitroaniline	1000.	U
SVOA	Acenaphthene	420.	U
SVOA	2,4-Dinitrophenol	1000.	U
SVOA	4-Nitrophenol	1000.	U
SVOA	Dibenzofuran	420.	U
SVOA	2,4-Dinitrotoluene	420.	U

*** Validation Complete ***

	SAMPLE ID ——>	009-8-0021-12					
	ORIGINAL ID ——>	0098002112					
	LAB SAMPLE ID ——>	21393.4					
	SAMPLE DATE ——>	09/12/94					
	DATE EXTRACTED ——>	09/16/94					
	DATE ANALYZED ——>	09/20/94					
	MATRIX ——>	Soil					
	UNITS ——>	ug/Kg					
Method	Parameter	CT526	VAL				
SVOA	Diethylphthalate	420.	U				
SVOA	4-Chlorophenyl-phenylether	420.	U				
SVOA	Fluorene	420.	U				
SVOA	4-Nitroaniline	1000.	U				
SVOA	4,6-Dinitro-2-methylphenol	1000.	U				
SVOA	N-Nitrosodiphenylamine	420.	U				
SVOA	4-Bromophenyl-phenylether	420.	U				
SVOA	Hexachlorobenzene	420.	U				
SVOA	Pentachlorophenol	1000.	U				
SVOA	Phenanthrene	420.	U				
SVOA	Anthracene	420.	U				
SVOA	Carbazole	420.	U				
SVOA	Di-n-butylphthalate	420.	U				
SVOA	Fluoranthene	420.	U				
SVOA	Pyrene	420.	U				
SVOA	Butylbenzylphthalate	420.	U				
SVOA	3,3'-Dichlorobenzidine	420.	U				
SVOA	Benzo(a)anthracene	420.	U				
SVOA	Chrysene	420.	U				
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U				
SVOA	Di-n-octylphthalate	420.	U				
SVOA	Benzo(b)fluoranthene	420.	U				
SVOA	Benzo(k)fluoranthene	420.	U				
SVOA	Benzo(a)pyrene	420.	U				
SVOA	Indeno(1,2,3-cd)pyrene	420.	U				
SVOA	Dibenzo(a,h)anthracene	420.	U				
SVOA	Benzo(g,h,i)perylene	420.	U				

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0024-03		009-S-0026-03		009-C-0026-Co		009-S-0027-Co	
	ORIGINAL ID ——>	009S002403		009S002603		009C002603		009S002702	
	LAB SAMPLE ID ——>	666788		667520		667539		667531	
	ID FROM REPORT ——>	09S0024		09S0026		09C0026		09S0027	
	SAMPLE DATE ——>	12/07/94		12/09/94		12/09/94		12/09/94	
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>								
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG	
Method	Parameter	78219I	VAL	78219I	VAL	78219I	VAL	78219I	VAL
METAL	Aluminum	423.	J	638.	J	817.	J	12100.	J
METAL	Antimony	0.37	U	0.39	U	0.44		3.3	
METAL	Arsenic	0.68	U	0.71	U	0.75	U	8.	
METAL	Barium	4.5		31.7		37.7		921.	
METAL	Beryllium	0.02	U	0.06	U	0.06	U	0.65	U
METAL	Cadmium	0.1	U	0.89		2.8		28.6	
METAL	Calcium	200.		865.		1250.		8230.	
METAL	Chromium	0.83	J	2.4	J	2.6	J	262.	J
METAL	Cobalt	0.1	U	0.29		0.36		4.9	
METAL	Copper	4.3	U	20.8	J	20.7	J	2270.	J
METAL	Iron	430.	J	1890.		2150.	J	22500.	J
METAL	Lead	9.7	J	123.	J	130.	J	5100.	J
METAL	Magnesium	25.1		141.		189.		3290.	
METAL	Manganese	17.1	U	15.6	J	34.2	J	231.	J
METAL	Mercury	0.1	U	0.7	J	0.25	J	0.13	U
METAL	Nickel	0.29	U	1.2		1.2		60.5	
METAL	Potassium	49.2	U	91.4	U	109.	U	1030.	
METAL	Selenium	0.85	U	0.89	U	0.94	U	1.8	
METAL	Silver	0.12	U	0.12	U	0.13	U	0.16	U
METAL	Sodium	229.	U	289.	U	296.	U	977.	
METAL	Thallium	1.1	U	1.1	U	1.2	U	1.4	U
METAL	Vanadium	0.85		1.6		1.9		26.7	
METAL	Zinc	7.4	U	69.5	J	75.5	J	4090.	J
METAL	Cyanide	0.52	U	0.53	U	0.54	U	0.68	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-s-0024-03				009-t-0026-03		009-s-0027-02			
	ORIGINAL ID ——>	0099002403				009C002603		0099002702			
	LAB SAMPLE ID ——>	666787				667538		667519			
	ID FROM REPORT ——>	099002403				09C002603		099002702			
	SAMPLE DATE ——>	12/05/94				12/05/94		12/05/94			
	DATE EXTRACTED ——>	12/16/94				12/16/94		12/16/94			
	DATE ANALYZED ——>	12/24/94				12/24/94		12/24/94			
	MATRIX ——>	Soil				Soil		Soil			
	UNITS ——>	UG/KG				UG/KG		UG/KG			
Method	Parameter	00011	VAL	00011	VAL	00011	VAL	00011	VAL		
PEST	alpha-BHC	1.8	U	1.1	J	1.8	U	0.8	J		
PEST	beta-BHC	1.8	U	9.	U	1.8	U	1.6	J		
PEST	delta-BHC	1.8	U	9.	U	1.8	U	2.3	J		
PEST	gamma-BHC (Lindane)	1.8	U	1.6	J	1.8	U	2.3	U		
PEST	Heptachlor	1.8	U	9.	U	1.8	U	2.3	U		
PEST	Aldrin	1.8	U	0.44	J	0.46	J	4.7	J		
PEST	Heptachlor epoxide	1.8	U	0.53	J	1.8	U	2.3	U		
PEST	Endosulfan I	1.8	U	9.	U	0.17	J	2.3	U		
PEST	Dieldrin	0.5	J	7.	J	0.3	J	4.4	U		
PEST	4,4'-DDE	3.4	U	17.	U	0.5	J	1.2	J		
PEST	Endrin	3.4	U	17.	U	3.5	U	0.28	J		
PEST	Endosulfan II	3.4	U	0.72	J	3.5	U	4.4	U		
PEST	4,4'-DDD	3.4	U	9.7	J	1.3	J	1.3	J		
PEST	Endosulfan sulfate	3.4	U	0.43	J	3.5	U	2.8	J		
PEST	4,4'-DDT	3.4	U	260.		11.		0.74	J		
PEST	Methoxychlor	18.	U	90.	U	18.	U	23.	U		
PEST	Endrin ketone	3.4	U	0.81	J	3.5	U	4.4	U		
PEST	Endrin aldehyde	3.4	U	17.	U	3.5	U	5.1	J		
PEST	alpha-Chlordane	1.8	U	9.	U	1.8	U	2.3	U		
PEST	gamma-Chlordane	1.8	U	0.33	J	0.079	J	0.43	J		
PEST	Toxaphene	180.	U	900.	U	180.	U	230.	U		
PEST	Aroclor-1016	34.	U	110.	U	35.	U	44.	U		
PEST	Aroclor-1221	69.	U	360.	U	71.	U	90.	U		
PEST	Aroclor-1232	34.	U	170.	U	35.	U	44.	U		
PEST	Aroclor-1242	34.	U	110.	U	35.	U	44.	U		
PEST	Aroclor-1248	34.	U	110.	U	35.	U	44.	U		
PEST	Aroclor-1254	34.	U	170.	U	35.	U	44.	U		
PEST	Aroclor-1260	34.	U	170.	U	35.	U	44.	U		
PEST	2,4-D	NR		NR		NR		NR			
PEST	2,4,5-TP (Silvex)	NR		NR		NR					
PEST	2,4,5-T	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0024-04		009-S-0026-04		009-S-0027-03				
	ORIGINAL ID ——>	009S002403		009S002603		009S002702				
	LAB SAMPLE ID ——>	668132		668133		668134				
	ID FROM REPORT ——>	09S002403		09S002603		09S002702				
	SAMPLE DATE ——>	12/13/94		12/13/94		12/13/94				
	DATE EXTRACTED ——>	12/20/94		12/20/94		12/20/94				
	DATE ANALYZED ——>	01/13/95		01/13/95		01/13/95				
	MATRIX ——>	Soil		Soil		Soil				
	UNITS ——>	UG/KG		UG/KG		UG/KG				
Method	Parameter	00079	VAL	00079	VAL	00079	VAL			
PEST	alpha-BHC	NR		NR		NR				
PEST	beta-BHC	NR		NR		NR				
PEST	delta-BHC	NR		NR		NR				
PEST	gamma-BHC (Lindane)	NR		NR		NR				
PEST	Heptachlor	NR		NR		Ma				
PEST	Aldrin	NR		NR		NR				
PEST	Heptachlor epoxide	NR		NR		NR				
PEST	Endosulfan I	NR		NR		NR				
PEST	Dieldrin	NR		NR		NR				
PEST	4,4'-DDE	NR		NR		NR				
PEST	Endrin	NR		NR		NR				
PEST	Endosulfan II	NR		NR		NR				
PEST	4,4'-DDD	NR		NR		NR				
PEST	Endosulfan sulfate	NR		NR		NR				
PEST	4,4'-DDT	NR		NR		NR				
PEST	Methoxychlor	NR		NR		NR				
PEST	Endrin ketone	NR		NR		NR				
PEST	Endrin aldehyde	NR		NR		NR				
PEST	alpha-Chlordane	NR		NR		NR				
PEST	gamma-Chlordane	NR		NR		NR				
PEST	Toxaphene	Ma		NR		NR				
PEST	Aroclor-1016	NR		NR		NR				
PEST	Aroclor-1221	NR		M		NR				
PEST	Aroclor-1232	NR		NR		NR				
PEST	Aroclor-1242	NR		NR		NR				
PEST	Aroclor-1248	NR		NR		NR				
PEST	Aroclor-1254	NR		NR		NR				
PEST	Aroclor-1260	NR		NR		NR				
PEST	2,4-D	4.4	J	12.	J	130.	U			
PEST	2,4,5-TP (Silvex)	26.	U	26.	U	34.	U			
PEST	2,4,5-T	26.	U	26.	U	34.	U			

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

SAMPLE ID ——>		009-S-0024-03		009-S-0026-03		009-C-0026-03		009-S-0027-02		009-S-0027-02 RE	
ORIGINAL ID ——>		009S002403		009S002603		009C002603		009S002702		009S002702RE	
LAB SAMPLE ID ——>		666787		667518		667538		667519		667519RE	
ID FROM REPORT ——>		09S002403		09S002603		09C002603		09S002702		09S002702RE	
SAMPLE DATE ——>		12/05/94		12/05/94		12/05/94		12/05/94		12/05/94	
DATE EXTRACTED ——>		12/16/94		12/16/94		12/16/94		12/16/94		12/16/94	
DATE ANALYZED ——>		12/19/94		12/20/94		12/20/94		12/22/94		12/22/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	00011	VAL	00011	VAL		VAL	00011	VAL	00011	VAL
SVOA	Phenol	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	bis(2-Chloroethyl)ether	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	2-Chlorophenol	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	1,3-Dichlorobenzene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	1,4-Dichlorobenzene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	1,2-Dichlorobenzene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	2-Methylphenol (o-Cresol)	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	4-Methylphenol (p-Cresol)	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	N-Nitroso-di-n-propylamine	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Hexachloroethane	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Nitrobenzene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Isophorone	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	2-Nitrophenol	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	2,4-Dimethylphenol	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	bis(2-Chloroethoxy)methane	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	2,4-Dichlorophenol	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	1,2,4-Trichlorobenzene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Naphthalene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	4-Chloroaniline	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Hexachlorobutadiene	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	4-Chloro-3-methylphenol	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	2-Methylnaphthalene	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	Hexachlorocyclopentadiene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	2,4,6-Trichlorophenol	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	2,4,5-Trichlorophenol	830.	U	850.	U	860.	U	1100.	U	1100.	U
SVOA	2-Chloronaphthalene	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	2-Nitroaniline	830.	U	850.	U	860.	U	1100.	U	1100.	U
SVOA	Dimethylphthalate	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Acenaphthylene	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	2,6-Dinitrotoluene	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	3-Nitroaniline	830.	U	850.	U	860.	U	1100.	U	1100.	U
SVOA	Acenaphthene	340.	U	350.	U	350.	U	450.	U	650.	U
SVOA	2,4-Dinitrophenol	830.	U	850.	U	860.	U	1100.	U	1100.	U
SVOA	4-Nitrophenol	830.	U	850.	U	860.	U	1100.	U	1100.	U
SVOA	Dibenzofuran	340.	U	350.	U	350.	U	450.	U	650.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0024-03		009-S-0026-03		009-C-0026-03		009-S-0027-02		00 -S-0027-02 RE	
	ORIGINAL ID ——>	009S002403		009S002603		009C002603		009S002702		00 S002702RE	
	LAB SAMPLE ID ——>	666787		667518		667538		667519		66 519RE	
	ID FROM REPORT ——>	09S002403		09S002603		09C002603		09S002702		09 002702RE	
	SAMPLE DATE ——>	12/05/94		12/05/94		12/05/94		12/05/95		12 05/94	
	DATE EXTRACTED ——>	12/16/94		12/16/94		12/16/94		12/16/94		12 16/94	
	DATE ANALYZED ——>	12/19/94		12/20/94		12/20/94		12/22/94		12 22/94	
	MATRIX ——>	Soil		Soil		soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG KG	
Method	Parameter	00011	VAL	00011	VAL	00011	VAL	00011	VAL	00011	VAL
SVOA	2,4-Dinitrotoluene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Diethylphthalate	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	4-Chlorophenyl-phenylether	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Fluorene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	4-Nitroaniline	830.	U	850.	U	860.	U	1100.	U	1100.	U
SVOA	4,6-Dinitro-2-methylphenol	830.	U	850.	U	860.	U	1100.	U	1100.	U
SVOA	N-Nitrosodiphenylamine	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	4-Bromophenyl-phenylether	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Hexachlorobenzene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Pentachlorophenol	830.	U	50.	U	860.	U	1100.	U	1100.	U
SVOA	Phenanthrene	340.	U	66.	J	350.	U	170.	J	170.	J
SVOA	Anthracene	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Carbazole	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Di-n-butylphthalate	340.	U	350.	U	350.	U	81.	J	81.	J
SVOA	Fluoranthene	340.	U	110.	J	350.	U	530.		530.	
SVOA	Pyrene	340.	U	110.	J	350.	U	600.		780.	
SVOA	Butylbenzylphthalate	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Benzo(a)anthracene	340.	U	54.	J	350.	U	360.	J	300.	J
SVOA	Chrysene	340.	U	66.	J	350.	U	360.	J	360.	J
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Di-n-octylphthalate	340.	U	350.	U	350.	U	450.	U	450.	U
SVOA	Benzo(b)fluoranthene	340.	U	170.	J	350.	U	1200.	J	1200.	J
SVOA	Benzo(k)fluoranthene	340.	U	100.	J	350.	U	1100.	J	1100.	J
SVOA	Benzo(a)pyrene	340.	U	350.	U	350.	U	420.	J	420.	J
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	350.	U	350.	U	270.	J	270.	J
SVOA	Dibenzo(a,h)anthracene	340.	U	350.	U	350.	U	99.	J	69.	J
SVOA	Benzo(g,h,i)perylene	340.	U	350.	U	350.	U	430.	J	430.	J

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

SAMPLE ID ——>		009-s-0001-01		009-c-0001-01		009-s-0024-03		009-s-0026-03		009-c-0026-03		009-s-0027-02	
ORIGINAL ID ——>		09S000101		09C000101		009S002403		009S002603		009C002603		009S002702	
LAB SAMPLE ID ——>		667324		667328		666787		667518		667538		667519	
ID FROM REPORT ——>		09S000101		09C000101		09S002403		09S002603		09C002603		09S002702	
SAMPLE DATE ——>						12/05/94		12/05/94		12/05/94		12/05/94	
DATE EXTRACTED ——>													
DATE ANALYZED ——>		12/16/94		12/16/91		12/13/94		12/14/94		12/14/94		12/14/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	00051	VAL	00051	VAL	00011	VAL	00011	VAL	00011	VAL	00011	VAL
VOA	Chloromethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Bromomethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Vinyl chloride	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Chloroethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Methylene chloride	10.	U	10.	U	29.	U	15.	U	22.	U	30.	U
VOA	Acetone	10.	U	10.	U	29.	U	11.	U	11.	U	14.	U
VOA	Carbon disulfid.	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Chloroform	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Bromodichloromethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,2-Dichloropropene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Trichloroethene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Dibromochloromethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Benzene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Bromoform	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	11.	U	11.	U	lb.	U
VOA	2-Hexanone	10.	U	10.	U	10.	U	11.	U	11.	U	lb.	U
VOA	Tetrachloroethene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Toluene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Chlorobenzene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Ethylbenzene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	Styrene	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	m+p-Xylenes	10.	U	10.	U	10.	U	11.	U	11.	U	14.	U
VOA	cis-1,2-Dichloroethylene	MI		MI		NR		NR		NR		NR	
VOA	Ethene, 1,2-dichloro-, (E)-	NR		NR		NR		NR		NR		NR	
VOA	Chlorodibromomethane	NR		NR		NR		NR		M		NR	

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0001-01		009-C-0001-01		009-S-0024-03		009-S-0026-03		009-C-0026-03		009-S-0027-02	
	ORIGINAL ID ——>	09S000101		09C000101		009S002403		009S002603		009C002603		009S002702	
	LAB SAMPLE ID —>	667324		667328		666787		667518		667538		667519	
	ID FROM REPORT —>	09S000101		09C000101		09S002403		09S002603		09C002603		09S002702	
	SAMPLE DATE ——>					12/05/94		12/05/94		12/05/94		12/05/94	
	DATE EXTRACTED —>												
	DATE ANALYZED —>	12/16/94		12/16/94		12/13/94		12/14/94		12/14/94		12/14/94	
	MATRIX ———>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ———>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	00051	VAL	00051	VAL	00011	VAL	00011	VAL	00011	VAL	00011	VAL
VOA	Ethylene dibromide	NR		NR		NR		NR		NR		NR	
VOA	1,3-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
VOA	1,4-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
VOA	1,2-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
VOA	DBCP	NR		NR		NR		NR		NR		NR	

PENSACOLA, SITB 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0024-3A		009-S-0026-3A		009-S-0027-2A				
	ORIGINAL ID ——>	009S002403		009S002603		009S002702				
	LAB SAMPLE ID ——>	666806		667529		667536				
	ID FROM REPORT ——>	MAC001		MAC004		MAC005				
	SAMPLE DATE ——>	12/07/94		12/09/94		12/09/94				
	DATE EXTRACTED ——>									
	DATE ANALYZED ——>									
	MATRIX ——>	Water		Water		Water				
	UNITS ——>	UG/L		UG/L		UG/L				
Method	Parameter	8235PI	VAL	8235PI	VAL	8235PI	VAL			
METAL	Aluminum	19.2	U	19.2	U	2600.				
MTAL	Antimony	1.9	U	1.9	U	1.9	U			
MTAL	Arsenic	3.5	U	4.4		3.5	U			
METAL	Barium	145.		665.		4060.				
MTAL	Beryllium	0.1	U	0.1	U	0.1	U			
METAL	Cadmium	2.2		12.5		908.				
METAL	Calcium	40200.		45500.		165000.				
METAL	Chromium	2.2	U	2.2	U	88.8				
METAL	Cobalt	0.5	U	1.6		39.1				
NETAL	Copper	23.1	J	127.	J	43400.	J			
METAL	Iron	58.8		42.5		1260.				
MTAL	Lead	56.9	J	1250.	J	61160.	J			
MTAL	Magnesium	7870.		1030.		5970.				
MTAL	Manganese	69.2		153.		4200.				
NETAL	Mercury	0.2	U	0.22		0.26				
METAL	Nickel	3.3		4.4		883.				
METAL	Potassium	3100.		2400.		13000.				
METAL	Selenium	8.9		11.8		20.6				
NETAL	Silvrr	0.6	U	0.6	U	0.6	U			
METAL	Sodium	1240000.	J	1130000.	J	1870000.	J			
METAL	Thallium	5.5	UJ	5.5	UJ	15.7	J			
METAL	Vanadium	0.75		1.3		0.5	U			
METAL	Zinc	159.		1060.		168000.				
METAL	Cyanide	NR		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0024-D3		009-S-0026-D3		009-S-0027-D2							
	ORIGINAL ID ——>	09S002403		09S002603		09S002702							
	LAB SAMPLE ID ——>	666798		567523		567534							
	ID FROM REPORT ——>	09S002403		09S002603		09S002702							
	SAMPLE DATE ——>	12/07/94		12/09/91		12/09/91							
	DATE EXTRACTED ——>	12/26/94		12/27/94		12/27/94							
	DATE ANALYZED ——>	12/30/94		12/30/94		12/30/94							
	MATRIX ——>	Mater		Water		Water							
	UNITS ——>	UG/L		UG/L		UG/L							
Method	Parameter	0031P	VAL	0031P	VAL	0031P	VAL						
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U						
PEST	beta-BHC	0.01	U	0.01	U	0.01	U						
PEST	delta-BHC	0.01	U	0.01	U	0.01	U						
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U	0.01	U						
PEST	Heptachlor	0.01	U	0.01	U	0.01	U						
PEST	Aldrin	0.01	U	0.01	U	0.01	U						
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.01	U						
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U						
PEST	Dieldrin	0.02	U	0.02	U	0.02	U						
PEST	4,4'-DDE	0.02	U	0.02	U	0.02	U						
PEST	Endrin	0.02	U	0.02	U	0.02	U						
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U						
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U						
PEST	Endosulfan sulfate	0.02	U	0.02	U	0.02	U						
PEST	4,4'-DDT	0.02	U	0.02	U	0.02	U						
PEST	Methoxychlor	0.1	U	0.1	U	0.1	U						
PEST	Endrin ketone	0.02	U	0.02	U	0.02	U						
PEST	Endrin aldehyde	0.02	U	0.02	U	0.02	U						
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U						
PEST	gamma-Chlordane	0.01	U	0.01	U	0.01	U						
PEST	Toxaphene	1.	U	1.	U	1.	U						
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U						
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U						
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U						
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U						
PEST	Aroclor-1248	0.2	U	0.2	U	0.2	U						
PEST	Aroclor-1254	0.2	U	0.2	U	0.2	U						
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U						
PEST	2,4-D	NR		NR		NR							
PEST	2,4,5-TP (Silvex)	NR		NR		NR							
PEST	2,4,5-T	NR		NR		NR							

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SI= 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0024-3A		009-S-0026-3A		009-S-0027-2A					
	ORIGINAL ID ——>	0095002403		0095002603		0095002702					
	LAB SAMPLE ID ——>	666794		667522		667533					
	ID FROM REPORT ——>	095002403		095002603		095002702					
	SAMPLE DATE ——>	12/07/94		12/09/94		12/09/94					
	DATE EXTRACTED ——>	01/04/95		12/27/94		12/27/94					
	DATE ANALYZED ——>	01/06/95		01/03/95		01/05/95					
	MATRIX ——>	Water		Water		Water					
	UNITS ——>	UG/L		UG/L		UG/L					
Method	Parameter	0029P	VAL	0029P	VAL	0029P	VAL				
SVOA	Phenol	5.	U	5.	U	5.	U				
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U	5.	U				
SVOA	2-Chlorophenol	5.	U	5.	U	5.	U				
SVOA	1,3-Dichlorobenzene	NR		NR		NR					
SVOA	1,4-Dichlorobenzene	NR		NR		NR					
SVOA	1,2-Dichlorobenzene	NR		NR		NR					
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U				
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U	5.	U				
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U				
SVOA	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U				
SVOA	Hexachloroethane	5.	U	5.	U	5.	U				
SVOA	Nitrobenzene	5.	U	5.	U	5.	U				
SVOA	Isophorone	5.	U	5.	U	5.	U				
SVOA	2-Nitrophenol	5.	U	5.	U	5.	U				
SVOA	2,4-Dimethylphenol	5.	U	5.	U	5.	U				
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U				
SVOA	2,4-Dichlorophenol	5.	U	5.	U	5.	U				
SVOA	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U				
SVOA	Naphthalene	5.	U	5.	U	5.	U				
SVOA	4-Chloroaniline	5.	U	5.	U	5.	U				
SVOA	Hexachlorobutadiene	5.	U	5.	U	5.	U				
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U				
SVOA	2-Methylnaphthalene	5.	U	5.	U	5.	U				
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U				
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U				
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U				
SVOA	2-Chloronaphthalene	5.	U	5.	U	5.	U				
SVOA	2-Nitroaniline	20.	U	20.	U	20.	U				
SVOA	Dimethylphthalate	5.	U	5.	U	5.	U				
SVOA	Acenaphthylene	5.	U	5.	U	5.	U				
SVOA	2,6-Dinitrotoluene	5.	U	5.	U	5.	U				
SVOA	3-Nitroaniline	20.	U	20.	U	20.	U				
SVOA	Acenaphthene	5.	U	5.	U	5.	U				
SVOA	2,4-Dinitrophenol	20.	U	20.	U	20.	U				
SVOA	4-Nitrophenol	20.	U	20.	U	20.	U				
SVOA	Dibenzofuran	5.	U	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID →	009-S-0024-3A		009-S-0026-3A		009-S-0027-2A					
	ORIGINAL ID →	009S002403		009S002603		009S002702					
	LAB SAMPLE ID →	666794		667522		661533					
	ID FROM REPORT →	09S002403		09S002603		09S002702					
	SAMPLE DATE →	12/07/94		12/09/94		12/09/94					
	DATE EXTRACTED →	01/04/95		12/27/94		12/27/94					
	DATE ANALYZED →	01/06/95		01/03/95		01/05/95					
	MATRIX →	Water		Water		Water					
	UNITS →	UG/L		UG/L		UG/L					
				0029P	VAL	0029P	VAL				
SVOA	2,4-Dinitrotoluene	5.	U	5.	U	5.	U				
SVOA	Diethylphthalate	5.	U	5.	U	5.	U				
SVOA	4-Chlorophcny l-pheny lethr	5.	U	5.	U	5.	U				
SVOA	Fluorene	5.	U	5.	U	5.	U				
SVOA	4-Nitroani line	20.	U	20.	U	20.	U				
SVOA	4,6-Dinitro-2-methylphenol	20.	U	20.	U	20.	U				
SVOA	N-Nitrosodiphenylamine	5.	U	5.	U	5.	U				
SVOA	4-Bromophenyl-phenyl ether	5.	U	5.	U	5.	U				
SVOA	Hexachlorobenzene	5.	U	5.	U	5.	U				
SVOA	Pentachlorophenol	20.	U	20.	U	20.	U				
SVOA	Phenanthrene	5.	U	5.	U	5.	U				
SVOA	Anthracene	5.	U	5.	U	5.	U				
SVOA	Carbazole	NR		NR		NR					
SVOA	Di-n-butylphthalate	5.	U	5.	U	5.	U				
SVOA	Fluoranthene	5.	U	5.	U	5.	U				
SVOA	Pyrene	5.	U	5.	U	5.	U				
SVOA	Butylbenzylphthalate	5.	U	5.	U	5.	U				
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U				
SVOA	Benzo(a)anthracene	5.	U	5.	U	5.	U				
SVOA	Chrysene	5.	U	5.	U	5.	U				
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U	5.	U				
SVOA	Di-n-octylphthalate	5.	U	5.	U	5.	U				
SVOA	Benzo(b)fluoranthene	5.	U	5.	U	5.	U				
SVOA	Benzo(k)fluoranthene	5.	U	5.	U	NR					
SVOA	Benzo(a)pyrene	5.	U	5.	U	5.	U				
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	5.	U	5.	U				
SVOA	Dibenzo(a,h)anthracene	5.	U	5.	U	5.	U				
SVOA	Benzo(g,h,i)perylene	5.	U	5.	U	5.	U				

PBNSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID	009-S-0024-03		009-S-0026-03		009-S-0027-02					
	ORIGINAL ID	093002403		093002603		093002702					
	LAB SAMPLE ID	666790		667521		667532					
	ID FROM REPORT	093002403		093002603		093002702					
	SAMPLE DATE										
	DATE EXTRACTED										
	DATE ANALYZED	12/20/94		12/20/94		12/21/94					
	MATRIX	Water		Water		Water					
	UNITS	UG/L		UG/L		UG/L					
Method	Parameter	0027P	VAL	0027P	VAL	0027P	VAL				
VOA	Chloromethane	1	U	1	U	1	U				
VOA	Bromomethane	1	U	1	U	1	U				
VOA	Vinyl chloride	1	U	1	U	1	U				
VOA	Chloroethane	1	U	1	U	1	U				
VOA	Methylene chloride	6.	U	6.	U	12.	U				
VOA	Acetone	7.	U	5.	U	8.	U				
VOA	Carbon disulfide	1	U	1	U	1	U				
VOA	1,1-Dichloroethene	1	U	1	U	1	U				
VOA	1,1-Dichloroethane	1	U	1	U	1	U				
VOA	1,2-Dichloroethene (total)	NR		NR		NR					
VOA	Chloroform	5.	U	6.	U	1	U				
VOA	1,2-Dichloroethane	1.	U	1	U	1.	U				
VOA	2-Butanone (MEK)	5.	U	5.	U	5.	U				
VOA	1,1,1-Trichloroethane	1	U	1	U	1.	U				
VOA	Carbon tetrachloride	1	U	1	U	1	U				
VOA	Bromodichloromethane	1	U	1	U	1	U				
VOA	1,2-Dichloropropane	1	U	1	U	1	U				
VOA	cis-1,3-Dichloropropene	1	U	1	U	1	U				
VOA	Trichloroethene	1	U	1	U	1	U				
VOA	Dibromochloromethane	1	U	1	U	1	U				
VOA	1,1,2-Trichloroethane	1	U	1	U	1	U				
VOA	Benzene	1	U	1	U	1	U				
VOA	trans-1,3-Dichloropropene	1	U	1	U	1	U				
VOA	Bromoform	1	U	1	U	1	U				
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U				
VOA	2-Hexanone	5.	U	5.	U	5.	U				
VOA	Tetrachloroethene	1	U	1.	U	1	U				
VOA	1,1,2,2-Tetrachloroethane	1.	U	1	U	1.	U				
VOA	Toluene	1	U	1	U	1	U				
VOA	Chlorobenzene	1	U	1	U	1.	U				
VOA	Ethylbenzene	1	U	1.	U	1	U				
VOA	Styrene	1	U	1	U	1	U				
VOA	m+p-Xylenes	1	U	1	U	1	U				
VOA	cis-1,2-Dichloroethylene	1	U	1	U	1	U				
VOA	Ethene, 1,2-dichloro-, (E)-	1	U	1	U	1	U				
VOA	Chlorobromomethane	1	U	1.	U	1	U				

*** Validation Complete ***

	SAMPLE ID ——>	009-S-0024-03		009-S-0026-03		009-S-0027-02						
	ORIGINAL ID ——>	09S002403		09S002603		09S002702						
	LAB SAMPLE ID ——>	666790		667521		567532						
	ID FROM REPORT ——>	09S002403		09S002603		09S002702						
	SAMPLE DATE ——>											
	DATE EXTRACTED ——>											
	DATE ANALYZED ——>	12/20/94		12/20/94		12/21/94						
	MATRIX ——>	Water		Water		Water						
	UNITS ——>	UG/L		UG/L		UG/L						
Method	Parameter	0027P	VAL	0027P	VAL	0027P	VAL					
VOA	Ethylene dibromide	1.	U	1.	U	1.	U					
VOA	1,3-Dichlorobenzene	1.	U	1.	U	1.	U					
VOA	1,4-Dichlorobenzene	1.	U	1.	U	1.	U					
VOA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U					
VOA	DBCP	1.	U	1.	U	1.	U					

Site 29

Soil Analytical Data

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID →	029-S-0001-01		029-C-0001-01 D		029-S-0001-03		029-S-0001-05			
	ORIGINAL ID →	29S0101		29S0101D		29S0103		29S0105			
	LAB SAMPLE ID →	X17990		X18007		X18015		X17981			
	ID FROM REPORT →	29S0101		29S0101D		29S0103		29S0105			
	SAMPLE DATE →	02/02/94		02/02/94		02/02/94		02/02/94			
	DATE EXTRACTED →										
	MIE ANALYZED →										
	MATRIX →	Soil		Soil		Soil		Soil			
	UNITS →	MG/KG		MG/KG		MG/KG		MG/KG			
Method	Parameter		VAL		VAL		VM		VAL		
METAL	Aluminum	2340.		1970.		3740.		2200.			
METAL	Antimony	8.4	UJ	7.9	UJ	7.6	UJ	8.1	UJ		
METAL	Arsenic	0.93	U	0.88	U	0.84	U	0.9	U		
METAL	Barium	8.3	U	6.5	U	9.2	U	5.7	U		
METAL	Beryllium	0.7	U	0.66	U	0.63	U	0.67	U		
RTAL	Cadmium	1.2	U	1.1	U	1.1	U	1.1	U		
METAL	Calcium	15300.		10500.		668.	U	1580.			
METAL	Chromium	4.9		4.6		9.6		8.8			
METAL	Cobalt	1.4	U	1.3	U	1.3	U	1.3	U		
RTAL	Copper	2.3	U	1.8	U	3.2	U	3.2	U		
METAL	Cyanide	1.3	U	1.4	U	1.3	U	1.3	U		
METAL	Iron	1770.		1360.		1940.		1410.			
METAL	Lead	4.		3.7		26.3		21.8			
METAL	Magnesium	673.		504.		91.8		108.			
METAL	Manganese	34.7		31.6		57.4		33.6			
METAL	Mercury	0.12	U	0.11	U	0.11	U	0.11	U		
METAL	Nickel	3.5	U	3.3	U	3.2	U	3.4	U		
METAL	Potassium	120.	U	103.	U	151.	U	113.	U		
METAL	Seleniu	1.5	J	1.5	J	1.1	UJ	1.5	J		
METAL	Silver	1.4	U	1.3	U	1.3	U	1.3	U		
METAL	Sodium	2.1	U	2.	U	1.9	U	2.	U		
METAL	Thallium	1.9	U	1.8	U	1.7	U	1.8	U		
METAL	Vanadium	3.4		2.6		5.		3.5			
METAL	Zinc	7.5		6.1		9.6		7.1			

+++ Validation Complete +++

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID →	029-S-0001-01		029-C-0001-01 D		029-S-0001-03		029-S-0001-03 DL		029-S-0001-05		029-S-0001-05 DL	
	ORIGINAL ID 3 →	2930101		2930101D		2930103		2930103DL		2930105		2930105DL	
	LAB SAMPLE ID → 2	1799.0		1800.7		1801.5		1801.5DL		1798.1		1798.1DL	
	ID FROM REPORT →	2930101		2930101D		2930103		2930103DL		2930105		2930105DL	
	SAMPLE DATE → 2	02/02/94		02/02/94		02/02/94		02/02/94		02/02/94		02/02/94	
	DATE EXTRACTED → 2												
	DATE ANALYZED →	02/09/94		02/09/94		02/09/94		02/09/94		02/09/94		02/09/94	
	MATRIX →	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS →	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CTS03	VAL	CTS03	VAL	CTS03	VAL	CTS03	VAL	CTS03	VAL	CTS03	VAL
PEST	4,4'-DDD	3.8	U	3.6	U	21.		340.	U	13.		370.	U
PEST	4,4'-DDE	3.8	U	3.6	U	36.		340.	U	24.		370.	U
PEST	4,4'-DDT	3.8	U	3.6	U	47.		340.	U	38.		370.	U
PEST	Aldrin	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	Aroclor-1016	38.	U	36.	U	34.	U	3400.	U	37.	U	3700.	U
PEST	Aroclor-1221	78.	U	74.	U	68.	U	6800.	U	71.	U	7500.	U
PEST	Aroclor-1232	38.	U	36.	U	34.	U	3400.	U	37.	U	3700.	U
PEST	Aroclor-1242	38.	U	36.	U	34.	U	3400.	U	37.	U	3700.	U
PEST	Aroclor-1248	38.	U	36.	U	34.	U	3400.	U	37.	U	3700.	U
PEST	Aroclor-1254	38.	U	36.	U	34.	U	3400.	U	37.	U	3700.	U
PEST	Aroclor-1260	38.	U	36.	U	34.	U	3400.	U	37.	U	3700.	U
PEST	Dieldrin	11.		12.		220.		2200.		1300.		1300.	
PEST	Endosulfan I	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	Endosulfan II	3.8	U	3.6	U	3.4	U	340.	U	3.7	U	370.	U
PEST	Endosulfan sulfate	3.8	U	3.6	U	3.4	U	340.	U	3.7	U	370.	U
PEST	Wrin	3.8	U	3.6	U	3.4	U	340.	U	1.7	U	370.	U
PEST	Endrin aldehyde	3.8	U	3.6	U	3.4	U	340.	U	3.7	U	370.	U
PEST	Endrin ketone	3.8	U	3.6	U	26.		340.	U	25.	J	370.	U
PEST	Heptachlor	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	Heptachlor epoxide	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	Methoxychlor	20.	U	19.	U	17.	U	1700.	U	19.	U	1900.	U
PEST	Toxaphene	200.	U	190.	U	170.	U	17000.	U	190.	U	19000.	U
PEST	alpha-BHC	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	alpha-Chlordane	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	beta-BHC	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	delta-BHC	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	gamma-BHC (Lindane)	2.	U	1.9	U	1.7	U	170.	U	1.9	U	190.	U
PEST	gamma-Chlordane	2.	U	1.9	U	0.38	J	170.	U	1.9	U	190.	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

	SAMPLE ID →	029-S-0001-01		029-C-0001-01 D		029-S-0001-03		029-S-0001-05			
	ORIGINAL ID →	29S0101		29S0101D		29S0103		29S0105			
	LAB SAMPLE ID →	1799.0		1800.7		1801.5		1798.1			
	ID FROM REPORT →	29S0101		29S0101D		2950103		29S0105			
	SAMPLE DATE →	02/02/94		02/02/94		02/02/94		02/02/94			
	MIE EXTRACTED →										
	DATE ANALYZED →	02/10/94		02/11/94		02/11/94		02/10/94			
	MATRIX →	Soil		Soil		Soil		Soil			
	UNITS →	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL		
SVOA	1,2,4-Trichlorobenzene	380.	U	360.	U	340.	U	370.	U		
SVOA	1,2-Dichlorobenzene	380.	U	360.	U	340.	U	370.	U		
SVOA	1,3-Dichlorobenzene	380.	U	360.	U	340.	U	370.	U		
SVOA	1,4-Dichlorobenzene	380.	U	360.	U	340.	U	370.	U		
SVOA	2,4,1-Trichlorophenol	930.	U	am.	U	820.	U	890.	U		
SVOA	2,4,6-Trichlorophenol	380.	U	360.	U	340.	U	370.	U		
SVOA	2,4-Dichlorophenol	380.	U	360.	U	340.	U	370.	U		
SVOA	2,4-Dimethylphenol	380.	U	360.	U	340.	U	370.	U		
SVOA	2,4-Dinitrophenol	930.	U	am.	U	820.	U	890.	U		
SVOA	2,4-Dinitrotoluene	380.	U	360.	U	340.	U	370.	U		
SVOA	2,6-Dinitrotoluene	380.	U	360.	U	340.	U	370.	U		
SVOA	2-Chloronaphthalene	380.	U	360.	U	340.	U	370.	U		
SVOA	2-Chlorophenol	380.	U	360.	U	340.	U	370.	U		
SVOA	2-Methylnaphthalene	380.	U	360.	U	340.	U	370.	U		
SVOA	2-Methylphenol (o-Cresol)	380.	U	360.	U	340.	U	370.	U		
SVOA	2-Nitroaniline	930.	U	am.	U	820.	U	890.	U		
SVOA	2-Nitrophenol	380.	U	360.	U	340.	U	370.	U		
SVOA	3,3'-Dichlorobenzidine	380.	U	360.	U	340.	U	370.	U		
SVOA	3-Nitroaniline	930.	U	880.	U	820.	U	890.	U		
SVOA	4,6-Dinitro-2-methylphenol	930.	U	880.	U	820.	U	890.	U		
SVOA	4-Bromophenyl-phenylether	380.	U	360.	U	340.	U	370.	U		
SVOA	4-Chloro-3-methylphenol	380.	U	360.	U	340.	U	370.	U		
SVOA	4-Chloroaniline	380.	U	360.	U	340.	U	370.	U		
SVOA	4-Chlorophenyl-phmy lethw	380.	U	360.	U	340.	U	370.	U		
SVOA	4-Methylphenol (p-Cresol)	380.	U	360.	U	340.	U	370.	U		
SVOA	4-Nitroaniline	930.	U	880.	U	820.	U	890.	U		
SVOA	4-Nitrophenol	930.	U	am.	U	820.	U	890.	U		
SVOA	Acenaphthene	380.	U	360.	U	340.	U	370.	U		
SVOA	Acenaphthylene	380.	U	360.	U	53.	J	370.	U		
SVOA	Anthracene	sa.	U	360.	U	340.	U	370.	U		
SVOA	Benzo(a)anthracene	380.	U	360.	U	110.	J	370.	U		
SVOA	Benzo(a)pyrene	380.	U	360.	U	120.	J	370.	U		
SVOA	Benzo(b)fluoranthene	380.	U	360.	U	140.	J	54.	J		
SVOA	Benzo(g,h,i)perylene	380.	U	360.	U	340.	U	370.	U		
SVOA	Benzo(k)fluoranthene	380.	U	360.	U	97.	J	370.	U		
SVOA	Butylbenzylphthalate	380.	U	360.	U	340.	U	370.	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-s-0001[illegible]		029-c-0001-01 D		029-s-0001-03		029-s-000[redacted]			
	ORIGINAL ID ——>	2930101		2930101D		2930103		2930105			
	LAB SAMPLE ID ——>	1799.0		1800.7		1801.5		1798.1			
	ID FROM REPORT ——>	2930101		2930101D		2930103		2930105			
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/02/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/10/94		02/11/94		02/11/94		02/10/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL		
SVOA	Carbazole	380.	U	360.	U	340.	U	370.	U		
SVOA	Chrysene	380.	U	360.	U	100.	J	370.	U		
SVOA	Di-n-butylphthalate	380.	U	360.	U	340.	U	170.	U		
SVOA	Di-n-octylphthalate	380.	U	360.	U	340.	U	370.	U		
SVOA	Dibenzo(a,h)anthracene	380.	U	360.	U	340.	U	370.	U		
SVOA	Dibenzofuran	380.	U	360.	U	340.	U	370.	U		
SVOA	Diethylphthalate	380.	U	360.	U	340.	U	370.	U		
SVOA	Dimethylphthalate	380.	U	360.	U	340.	U	370.	U		
SVOA	Fluoranthene	380.	U	360.	U	120.	J	65.	J		
SVOA	Fluorene	380.	U	360.	U	340.	U	370.	U		
SVOA	Hexachlorobenzene	380.	U	360.	U	340.	U	370.	U		
SVOA	Hexachlorobutadiene	380.	U	360.	U	340.	U	370.	U		
SVOA	Hexachlorocyclopentadiene	380.	U	360.	U	340.	U	370.	U		
SVOA	Hexachloroethane	380.	U	360.	U	340.	U	370.	U		
SVOA	Indeno(1,2,3-cd)pyrene	380.	U	360.	U	55.	J	370.	U		
SVOA	Isophorone	380.	U	360.	U	340.	U	370.	U		
SVOA	N-Nitroso-di-n-propylamine	380.	U	360.	U	340.	U	370.	U		
SVOA	N-Nitrosodiphenylamine	380.	U	360.	U	340.	U	370.	U		
SVOA	Naphthalene	380.	U	360.	U	340.	U	370.	U		
SVOA	Nitrobenzene	380.	U	360.	U	340.	U	370.	U		
SVOA	Pentachlorophenol	930.	U	880.	U	820.	U	890.	U		
SVOA	Phenanthrene	380.	U	360.	U	340.	U	370.	U		
SVOA	Phenol	380.	U	360.	U	340.	U	370.	U		
SVOA	Pyrene	380.	U	360.	U	68.	J	38.	J		
SVOA	bis(2-Chloroethoxy)methane	380.	U	360.	U	340.	U	370.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	360.	U	340.	U	370.	U		
SVOA	bis(2-Chloroethyl)ether	380.	U	360.	U	340.	U	370.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	380.	U	360.	U	340.	U	370.	U		

PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID →	029-S-0001-01		029-C-0001-01		029-S-0001-03		029-S-0001-05		029-S-0001-05 DL	
	ORIGINAL ID →	29S0101		29S0101D		29S0103		29S0105		29S0105DL	
	LAB SAMPLE ID →	B03820		B03818		803819		B03714		B03811DL	
	ID FROM REPORT →	29S0101		29S0101D		29S0103		29S0105		29S0105DL	
	SAMPLE DATE →	02/02/94		02/02/94		02/02/94		02/02/94		02/02/94	
	MIE EXTRACTED →										
	DATE ANALYZED →	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	MATRIX →	Soil		Soil		Soil		Soil		Soil	
	UNITS →	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT503	VAL	CT503	V M	CT503	VAL	CT503	VAL
VOA	1,1,1-Trichloroethane	12.	U	11.	U	10.	U	5.	J	56.	U
VOA	1,1,2,2-Tetrachloroethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	1,1,2-Trichloroethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	1,1-Dichloroethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	1,1-Dichloroethene	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	1,2-Dichloroethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	1,2-Dichloroethene (total)	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	1,2-Dichloropropane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	2-Butanone (MEK)	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	2-Hexanone	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	4-Methyl-2-Pentanone (MIBK)	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Acetone	34.	U	71.	U	150.	U	240.	U	160.	U
VOA	Benzene	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Bromodichloromethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Bromoform	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Bromomethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Carbon disulfide	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Carbon tetrachloride	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Chlorobenzene	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Chloroethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Chloroform	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Chloromethane	12.	U	11.	U	10.	U	11.	U	M.	U
VOA	Dibromochloromethane	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Ethylbenzene	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Methylene chloride	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Styrene	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Tetrachloroethene	12.	U	11.	U	10.	U	3.	J	56.	U
VOA	Toluene	12.	U	11.	U	10.	U	11.	U	M.	U
VOA	Trichloroethene	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	Vinyl chloride	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	m+p-Xylenes	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	cis-1,3-Dichloropropene	12.	U	11.	U	10.	U	11.	U	56.	U
VOA	trans-1,3-Dichloropropene	12.	U	11.	U	10.	U	11.	U	56.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PBNSACOW, SITE 29 - PHASB I DATA

	SAMPLE ID	029-s-0002-01		029-s-0002-03		029-s-0002-05		029-s-0003-01		029-c-0003-01 D		
	ORIGINAL ID	2980201		2980203		2980205		2980301		2980301D		
	LAB SAMPLE ID	X17973		X17965		X17957		X18902		X18910		
	ID FROM REPORT	2980201		2980203		2980205		2980301		2980301D		
	SAMPLE DATE	02/02/94		02/02/94		02/02/94		02/03/94		02/03/94		
	DATE EXTRACTED											
	DATE ANALYZED											
	MATRIX	Soil		Soil		Soil		Soil		Soil		
	UNITS	MG/KG		MG/KG		MG/KG		MG/KG				
Method	Parameter		VAL		VAL		VAL	00000	VAL		VAL	
ETAL	Aluminum	948.		875.		206.	U	1040.		1050.		
METAL	Antimony	7.4	UJ	7.3	UJ	8.3	UJ	7.3	UJ	7.4	UJ	
METAL	Arsenic	0.83	U	0.81	U	0.92	U	0.62	U	0.82	U	
ETAL	Barium	3.4	U	3.8	U	1.2	U	1.5	U	0.62	U	
METAL	Beryllium	0.62	U	0.61	U	0.69	U	0.61	U			
ETAL	Cadmium	1.	U	1.	U	1.1	U			1.	U	
METAL	Calcium	3060.		298.	U	227.	U	312.	U	327.	U	
METAL	Chromium	2.9		10.8		25.5		2.6		2.6		
ETAL	Cobalt	1.2	U	1.2	U	1.4	U	1.2	U	1.2	U	
METAL	Copper	5.1	U	2.5	U	1.2	U	1.3	U	1.4	U	
ETAL	Cyanide	1.2	U	1.2	U	1.3	U	1.2	U	1.2	U	
ETAL	Iron	598.		603.		361.		558.		543.		
METAL	Lead	3.2		10.3		3.8		4.1		3.7		
METAL	Magnesium	195.		43.7		21.9	U	35.8		38.7		
METAL	Manganese	13.8	U	25.5	U	6.2	U	10.9	U	10.5	U	
METAL	Mercury	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	
ETAL	Nickel	3.1	U	3.	U	3.6		3.1	U	3.1	U	
ETAL	Potassium	344.	U	207.	U	175.	U	100.	U	14.	U	
METAL	klmlu	1.2	J	1.7	J	1.3	J	1.	UJ	1.	UJ	
ETAL	Silver	1.2	U	1.2	U	1.4	U	1.2	U	1.2	U	
ETAL	Sodium	1.9	U	1.8	U	2.1	U	1.8	U	1.9	U	
ETAL	Thallium	1.7	U	1.6	U	1.8	U	1.6	U	1.6	U	
ETAL	Vanadium	1.2	U	1.5		1.4	U	1.2	U	1.2		
ETAL	Zinc	6.		10.4		4.4		3.4		3.9		

*** Validation Complete ***

PBNSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0002-01		029-S-0002-03		029-S-0002-05		029-S-0003-01		029-C-0003-01 D	
	ORIGINAL ID ——>	29S0201		29S0203		29S0205		29S0301		29S0301D	
	LAB SAMPLE ID ——>	1797.3		1796.5		1795.7		1890.2		1891.0	
	ID FROM REPORT ——>	29S0201		29S0203		29S0205		29S0301		29S0301D	
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/09/94		02/09/94		02/09/94		02/10/94		02/10/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	T503	VAL	CT503	VAL	CT503	VAL	CT503	VAL
PEST	4,4'-DDD	3.4	U	3.4	U	3.8	U	3.3	U	3.4	U
PEST	4,4'-DDE	3.4	U	1.3	J	3.8	U	3.3	U	3.4	U
PEST	4,4'-DDT	3.4	U	5.		3.8	U	3.3	U	3.4	U
PEST	Aldrin	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	Aroclor-1016	34.	U	34.	U	38.	U	33.	U	34.	U
PEST	Aroclor-1221	69.	U	68.	U	77.	U	68.	U	69.	U
PEST	Aroclor-1232	34.	U	34.	U	38.	U	33.	U	34.	U
PEST	Aroclor-1242	34.	U	34.	U	38.	U	33.	U	34.	U
PEST	Aroclor-1248	34.	U	34.	U	38.	U	33.	U	34.	U
PEST	Aroclor-1254	34.	U	34.	U	38.	U	33.	U	34.	U
PEST	Aroclor-1260	34.	U	34.	U	38.	U	33.	U	34.	U
PEST	Dieldrin	3.4	U	3.4	U	3.8	U	1.7	J	1.7	J
PEST	Endosulfan I	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	Endosulfan II	3.4	U	3.4	U	3.8	U	3.3	U	3.4	U
PEST	Endosulfan sulfate	3.4	U	3.4	U	3.8	U	3.3	U	3.4	U
PEST	Endrin	3.4	U	3.4	U	3.8	U	3.3	U	3.4	U
PEST	Endrin aldehyde	3.4	U	3.4	U	3.6	U	3.3	U	3.4	U
PEST	Endrin ketone	3.4	U	3.4	U	3.8	U	3.3	U	3.4	U
PEST	Heptachlor	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	Heptachlor epoxide	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	Methoxychlor	18.	U	17.	U	20.	U	17.	U	18.	U
PEST		180.	U	170.	U	200.	U	170.	U	180.	U
PEST	alpha-BHC	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	alpha-Chlordane	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	beta-BHC	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	delta-BHC	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	gamma-BHC (Lindane)	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	gamma-Chlordane	1.8	U	1.7	U	2.	U	1.7	U	1.8	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR	

+++ Validation Complete +++

	SAMPLE ID ——>	029-S-0002-01		029-S-0002-03		029-S-0002-05		029-S-0003-01		029-S-0003-01 DRE		029-C-0003-01 D	
	ORIGINAL ID ——>	29S0201		29S0203		29S0205		29S0301		29S0301DRE		29S0301D	
	LAB SAMPLE ID ——>	1797.3		1796.5		1795.7		1890.2		1891.0RE		1891.0	
	ID FROM REPORT ——>	29S0201		29S0203		29S0205		29S0301		29S0301DRE		29S0301D	
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/03/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/14/94		02/14/94		02/11/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL
SVOA	1,2,4-Trichlorobenzene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	1,2-Dichlorobenzene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	1,3-Dichlorobenzene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	1,4-Dichlorobenzene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2,4,5-Trichlorophenol	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	2,4,6-Trichlorophenol	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2,4-Dichlorophenol	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2,4-Dimethylphenol	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2,4-Dinitrophenol	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	2,4-Dinitrotoluene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2,6-Dinitrotoluene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2-Chloronaphthalene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2-Chlorophenol	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2-Methylnaphthalene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2-Methylphenol (o-Cresol)	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2-Nitroaniline	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	2-Nitrophenol	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	3-Nitroaniline	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	4,6-Dinitro-2-methylphenol	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	4-Bromophenyl-phenylether	340.	U	340.	U	380.	U	WO.	U	340.	U	340.	U
SVOA	4-Chloro-3-methylphenol	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	4-Chloroaniline	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	4-Chlorophenyl-phenylether	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	4-Methylphenol (p-Cresol)	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	4-Nitroaniline	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	4-Nitrophenol	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	Acenaphthene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Acenaphthylene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Anthracene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Benzo(a)anthracene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Benzo(a)pyrene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Benzo(b)fluoranthene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Benzo(g,h,i)perylene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Benzo(k)fluoranthene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Butylbenzylphthalate	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U

*** Validation Complete ***

	SAMPLE ID ——>	029-S-0002-01		029-S-0002-03		029-S-0002-05		029-S-0003-01		029-S-0003-01 DRE		029-C-0003-01 D	
	ORIGINAL ID ——>	29S0201		29S0203		29S0205		29S0301		29S0301DRE		29S0301D	
	LAB SAMPLE ID ——>	1797.3		1796.5		1795.7		1890.2		1891.0RE		1891.0	
	ID FROM REPORT ——>	29S0201		29S0203		29S0205		29S0301		29S0301DRE		29S0301D	
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/03/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/14/94		02/14/94		02/11/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL
SVOA	Carbazole	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Chrysene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Di-n-butylphthalate	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Di-n-octylphthalate	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Dibenzo(a,h)anthracene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Dibenzofuran	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Diethylphthalate	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Dimethylphthalate	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Fluoranthene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Fluorene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Hexachlorobenzene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Hexachlorobutadiene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Hexachlorocyclopentadiene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Hexachloroethane	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Isophorone	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	N-Nitroso-di-n-propylamine	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	N-Nitrosodiphenylamine	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Naphthalene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Nitrobenzene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Pentachlorophenol	820.	U	820.	U	920.	U	820.	U	820.	U	820.	U
SVOA	Phenanthrene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Phenol	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	Pyrene	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	bis(2-Chloroethoxy)methane	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	bis(2-Chloroethyl)ether	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U	380.	U	340.	U	340.	U	340.	U

PENSACOLA, SITE 29
PENSACOW, SITE 29 - PHASE I DATA

	SAMPLE ID	029-s-0002-01		029-s-0002-03		029-s-0002-05		029-s-0003-01		029-c-0003-01 D	
	ORIGINAL ID	2930201		2930203		2930205		2930301		2930301D	
	LAB SAMPLE ID	B03809		B03808		B03905					
	ID FROM REPORT	2930201		2930203		2930205		2930301		2930301D	
	SAMPLE DATE	02/02/94		02/02/94		02/02/94		02/03/94		02/03/94	
	DATE EXTRACTED										
	DATE ANALYZED	02/07/94		02/07/94		02/08/94		02/08/94		02/08/94	
	MATRIX	sal1		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CTS03	VAL	CTS03	VAL	CTS03	VAL	CTS03	VAL	CTS03	VAL
VOA	1,1,1-Trichloroethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	2-Hexanone	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Acetone	14.	U	34.	U	11.	U	11.	U	71.	U
VOA	Benzene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Bromodichloromethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Bromoform	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Bromomethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Carbon disulfide	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Carbon tetrachloride	10.	U	10.	U	11.	U	11.	U	11.	U
VV	Chlorobenzene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Chloroethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Chloroform	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Chloromethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Dibromochloromethane	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Ethylbenzene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Methylene chloride	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Styrene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Totrachloroethene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Toluene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Trichloroethene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	Vinyl chloride	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	m+p-Xylenes	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	11.	U	11.	U	11.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0003-03		029-S-0003-05		029-S-0004-01		029-S-0004-03			
	ORIGINAL ID ——>	29S0303		29S0305		29S0401		29S0403			
	LAB SAMPLE ID ——>	X18929		X18937		X18988		X18996			
	ID FROM REPORT ——>	29S0303		29S0305		29S0401		29S0403			
	SAMPLE DATE ——>	02/03/94		02/03/94		02/03/94		02/03/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>										
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG			
Method	Parameter		VAL		VAL		VAL		V U		
METAL	Aluminum	310.	U	198.	U	1820.	J	8660.	J		
METAL	Antimony	7.4	UJ	6.3	UJ	7.4	UJ	8.1	UJ		
METAL	Arsenic	0.82	U	0.92	U	0112	U	1.9	U		
METAL	Barium	0.7	U	0.46	U	3.7	J	14.6	J		
METAL	Beryllium	0.62	U	0.69	U	0.61	U	0.67	U		
METAL	Cadmium	1.	U	1.1	U	1.	U	1.1	U		
METAL	Calcium	265.	U	156.	U	885.		527.			
METAL	Chromium	6.3		45.9		2.9	J	6.6	J		
METAL	Cobalt	1.2	U	1.4	U	1.2	U	1.3	U		
METAL	Copper	0.69	U	1.2	U	1.7	UJ	5.	U		
METAL	Cyanide	1.2	U	1.4	U	1.3	U	1.4	U		
METAL	Iron	266.		404.		939.	J	3550.	J		
METAL	Lead	1.6		1.2		9.9		17.7			
METAL	Magnesium	23.		16.8		64.4	U	101.			
METAL	Manganese	5.3	U	5.7	U	33.6		168.			
METAL	Mercury	0.1	U	0.11	U	0.1	U	0.1	U		
METAL	Nickel	3.1	U	6.7		5.1	U	3.4	U		
METAL	Potassium	96.6	U	137.	U	144.		105.	U		
METAL	Selenium	1.	UJ	1.1	UJ	1.	U	1.1	U		
METAL	Silver	1.2	U	1.4	U	1.2	UJ	1.3	UJ		
METAL	Sodium	1.9	U	2.1	U	31.8		16.7			
METAL	Thallium	1.6	U	1.8	U	1.6	U	1.8	U		
METAL	Vanadium	1.2	U	1.4	U	2.7	J	11.9	J		
METAL	Zinc	1.9		2.6		5.	U	6.5	U		

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID →		029-S-0003-03		029-S-0003-05		029-S-0004-01		029-S-0004-03			
ORIGINAL ID →		2980303		2980305		2980401		2980403			
LAB SAMPLE ID →		1892.9		1893.7		1898.8		1899.6			
ID FROM REPORT →		2980303		2980305		2980401		2980403			
SAMPLE DATE →		02/03/94		02/03/94		02/03/94		02/03/94			
DATE EXTRACTED →											
DATE ANALYZED →		02/10/94		02/09/94		02/08/94		02/07/94			
MATRIX →		Soil		Soil		Soil		Soil			
UNITS →		UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT503	VAL	CT503	VAL	CT504	VAL	CT504	VAL		
PEST	4,4'-DDD	3.4	U	3.8	U	3.4	U	3.7	U		
PEST	4,4'-DDE	3.4	U	3.8	U	1.1	J	3.7	U		
PEST	4,4'-DDT	3.4	U	3.8	U	5.9		2.9	J		
PEST	Aldrin	1.7	U	2.	U	1.7	U	1.9	U		
PEST	Aroclor-1016	34.	U	3.	U	34.	U	37.	U		
PEST	Amlor-1221	69.	U	77.	U	68.	U	75.	U		
PEST	Aroclor-1232	34.	U	3.	U	34.	U	37.	U		
PEST	Aroclor-1242	34.	U	3.	U	34.	U	37.	U		
PEST	Amlor-1246	34.	U	3.	U	34.	U	37.	U		
PEST	Aroclor-1254	34.	U	38.	U	34.	U	37.	U		
PEST	Aroclor-1260	34.	U	3.	U	34.	U	37.	U		
PEST	Dieldrin	3.4	U	3.8	U	0.83	J	3.7	U		
PEST	Endosulfan I	1.7	U	2.	U	1.7	U	1.9	U		
PEST	Endosulfan II	3.4	U	3.8	U	3.4	U	3.7	U		
PEST	Endosulfan sulfate	3.4	U	3.8	U	3.4	U	3.7	U		
PEST	Endrin	3.4	U	3.8	U	3.4	U	3.7	U		
PEST	Endrin aldehyde	3.4	U	3.8	U	3.4	U	3.7	U		
PEST	Endrin ketone	3.4	U	3.8	U	3.4	U	3.7	U		
PEST	Heptachlor	1.7	U	2.	U	1.7	U	1.9	U		
PEST	Heptachlor epoxide	1.7	U	2.	U	1.7	U	1.9	U		
PEST	Methoxychlor	17.	U	20.	U	17.	U	19.	U		
PEST	Toxaphene	170.	U	200.	U	170.	U	190.	U		
PEST	alpha-BHC	1.7	U	2.	U	1.7	U	1.9	U		
PEST	alpha-Chlordane	1.7	U	2.	U	1.7	U	1.9	U		
PEST	beta-BHC	1.7	U	2.	U	1.7	U	1.9	U		
PEST	delta-BHC	1.7	U	2.	U	1.7	U	1.9	U		
PEST	gamma-BHC (Lindane)	1.7	U	2.	U	1.7	U	1.9	U		
PEST	gamma-Chlordane	1.7	U	2.	U	1.7	U	1.9	U		
PEST	Endrin aldehyde	NR		NR		M		NR			

*** Validation Complete ***

	SAMPLE ID ——>	029-S-0003-03		029-S-0003-03 RE		029-S-0003-05		029-S-0003-05 RE		029-S-0004-01		029-S-0004-03	
	ORIGINAL ID ——>	29S0303		29S0303RE		29S0305		29S0305RE		29S0401		29S0403	
	LAB SAMPLE ID ——>	1892.9		1892.9RE		1893.7		1893.7RE		1898.8		1899.6	
	ID FROM REPORT ——>	29S0303		29S0303RE		29S0305		29S0305RE		29S0401		29S0403	
	SAMPLE DATE ——>	02/03/94		02/03/94		02/03/94		02/03/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/11/94		02/14/94		02/11/94		02/14/94		02/09/94		02/09/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT503	VAL		VAL	CT503	VAL	CT504	VAL	CT504	VAL
SVOA	1,2,4-Trichlorobenzene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	1,2-Dichlorobenzene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	1,3-Dichlorobenzene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	1,4-Dichlorobenzene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2,4,5-Trichlorophenol	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	2,4,6-Trichlorophenol	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2,4-Dichlorophenol	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2,4-Dimethylphenol	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2,4-Dinitrophenol	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	2,4-Dinitrotoluene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2,6-Dinitrotoluene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2-Chloronaphthalene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2-Chlorophenol	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2-Methylnaphthalene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2-Methylphenol (o-Cresol)	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2-Nitroaniline	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	2-Nitrophenol	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	3-Nitroaniline	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	4,6-Dinitro-2-methylphenol	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	4-Bromophenyl-phenylether	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	4-Chloro-3-methylphenol	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	4-Chloroaniline	340.	U	340.	U	380.	U	380.	U	330.	UJ	370.	UJ
SVOA	4-Chlorophenyl-phenylether	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	4-Methylphenol (p-Cresol)	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	4-Nitroaniline	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	4-Nitrophenol	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	Acenaphthene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Acenaphthylene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Anthracene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Benzo(a)anthracene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Benzo(a)pyrene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Benzo(b)fluoranthene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Benzo(g,h,i)perylene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Benzo(k)fluoranthene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Butylbenzylphthalate	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>		029-S-0003-03		029-S-0003-03 RE		029-S-0003-05		029-S-0003-05 RE		029-S-0004-01		029-S-0004-03	
ORIGINAL ID ——>		2980303		2980303RE		2980305		2980305RE		2980401		2980403	
LAB SAMPLE ID ——>		1892.9		1892.9RE		1893.7		1893.7RE		1898.8		1899.6	
ID FROM REPORT ——>		2980303		2980303RE		2980305		2980305RE		2980401		2980403	
SAMPLE DATE ——>		02/03/94		02/03/94		02/03/94		02/03/94		02/03/94		02/03/94	
DATE EXTRACTED ——>													
DATE ANALYZED ——>		02/11/94		02/14/94		02/11/94		02/14/94		02/09/94		02/09/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT504	VAL	CT504	VAL
SVOA	Carbazole	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Chrysene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Di-n-butylphthalate	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Di-n-octylphthalate	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Dibenzo(a,h)anthracene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Dibenzofuran	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Diethylphthalate	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Dimethylphthalate	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Fluoranthene	340.	U	340.	U	380.	U	380.	U	330.	U	39.	J
SVOA	Fluorene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Hexachlorobenzene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Hexachlorobutadiene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Hexachlorocyclopentadiene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Hexachloroethane	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Isophorone	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	N-Nitroso-di-n-propylamine	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	N-Nitrosodiphenylamine	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Naphthalene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Nitrobenzene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Pentachlorophenol	820.	U	820.	U	910.	U	910.	U	810.	U	900.	U
SVOA	Phenanthrene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Phenol	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	Pyrene	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	bis(2-Chloroethoxy)methane	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	bis(2-Chloroethyl)ether	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U	380.	U	380.	U	330.	U	370.	U

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-S-0003-03		029-S-0003-05		029-S-0004-01		029-S-0004-03		029-S-0004-03 DL	
	ORIGINAL ID	29S0303		29S0305		29S0401		29S0403		29S0403DL	
	LAB SAMPLE ID										
	ID FROM REPORT	29S0303		29S0305		29S0401		29S0403		29S0403DL	
	SAMPLE DATE	02/03/94		02/03/94		02/03/94		02/03/94		02/03/94	
	DATE EXTRACTED										
	DATE ANALYZED	02/08/94		02/08/94		02/08/94		02/08/94		02/09/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT503	VAL	CT504	VAL	CT504	VAL	CTSW	VAL
VOA	1,1,1-Trichloroethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	1,1,2,2-Tetrachloroethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	1,1,2-Trichloroethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	1,1-Dichloroethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	1,1-Dichloroethene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	1,2-Dichloroethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	1,2-Dichloroethene (total)	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	1,2-Dichloropropane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	2-Butanone (MEK)	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	2-Hexanone	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Acetone	11.	U	11.	U	10.	U	10.	U	360.	U
VOA	Benzene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Bromodichloromethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Bromoform	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Bromomethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Carbon dirulfide	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Carbon tetrachloride	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Chlorobenzene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Chloroethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Chloroform	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Chloromethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Dibromochloromethane	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Ethylbenzene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Methylene chloride	11.	U	11.	U	2.	J	2.	J	53.	U
VOA	Styrene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Tetrachloroethene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Toluene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Trichloroethene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	Vinyl chloride	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	m+p-Xylenes	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	cis-1,3-Dichloropropene	11.	U	11.	U	10.	U	10.	U	53.	U
VOA	trans-1,3-Dichloropropene	11.	U	11.	U	10.	U	10.	U	53.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0004-05		029-S-0005-01		029-S-0005-03		029-S-0006-01			
	ORIGINAL ID ——>	2980405		2980501		2980503		2980601			
	LAB SAMPLE ID ——>	X19003		X18961		X18970		X19038			
	ID FROM REPORT ——>	2980405		2980501		2980503		2980601			
	SAMPLE DATE ——>	02/03/94		02/03/94		02/03/94		02/04/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>										
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG			
Method	Parameter		VAL		VAL		VAL		VAL		
MTAL	Aluminum	2640.	J	2010.	J	1080.	J	175.	J		
MTAL	Antimony	8.7	UJ	7.4	UJ	7.6	UJ	7.5	UJ		
METAL	Arsenic	0.96	U	1.2	U	0.87	U	0.83	U		
MTAL	Barium	2.8	U	3.8	J	2.1	U	0.8	U		
MTAL	Beryllium	0.72	U	0.61	U	0.65	U	0.62	U		
MTAL	Cadmium	1.2	U	1.	U	1.1	U	1.	U		
METAL	Calcium	361.		1490.		W.6	U	571.			
METAL	Chromium	4.9	J	3.4	J	s.3	J	1.5	J		
MTAL	Cobalt	1.4	U	1.2	U	1.3	U	1.2	U		
METAL	Copper	1.4	UJ	2.5	UJ	1.1	UJ	0.62	U		
METAL	Cyanide	1.5	U	1.3	U	t.4	U	1.3	U		
METAL	Iron	988.	J	1040.	J	543.	J	118.	J		
METAL	Lead	13.3		15.3		10.4		0.72			
METAL	Magnesium	53.4	U	R.4	U	16.6	U	29.	U		
METAL	Manganese	14.5	UJ	58.6		37.2		4.4	UJ		
METAL	Mercury	0.11	U	0.1	U	0.1	U	0.1	U		
METAL	Nickel	3.6	U	3.1	U	3.2	U	3.1	U		
METAL	Potassium	113.	U	96.	U	102.	U	97.4	U		
METAL	Selenium	1.2	U	1.	U	1.1	U	1.	U		
METAL	Silver	1.4	UJ	1.2	UJ	I.S	UJ	1.2	UJ		
METAL	Sodium	14.6	U	17.4		4.6	U	5.5	U		
MTAL	Thallium	1.9	U	1.6	U	1.7	U	1.7	U		
MTAL	Vanadium	3.	J	3.4	J	1.6	J	1.2	U		
METAL	Zinc	6.9	U	6.4	U	1.9	U	1.9	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0004-05		029-S-0005-01		029-S-0005-03		029-S-0006-01			
	ORIGINAL ID ——>	29S0405		29S0501		29S0503		29S0601			
	LAB SAMPLE ID ——>	1900.3		1896.1		1897.0		1903.8			
	ID FROM REPORT ——>	29S0405		29S0501		29S0503		29S0601			
	SAMPLE DATE ——>	02/03/94		02/03/94		02/03/94		02/04/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/07/94		02/07/94		02/07/95		02/08/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG				UG/KG		UG/KG			
Method	Parameter	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL		
PEST	4,4'-DDD	4.1		3.4	U	3.6	U	3.4	U		
PEST	4,4'-DDE	1.4	J	3.4	U	3.6	U	2.1	J		
PEST	4,4'-DDT	0.99	J	3.4	U	3.6	U	3.4	U		
PEST	Aldrin	2.	U	1.7	U	1.8	U	1.8	U		
PEST	Aroclor-1016	40.	U	34.	U	36.	U	34.	U		
PEST	Aroclor-1221	80.	U	68.	U	72.	U	70.	U		
PEST	Aroclor-1232	40.	U	34.	U	36.	U	34.	U		
PEST	Aroclor-1242	40.	U	34.	U	36.	U	34.	U		
PEST	Aroclor-1248	40.	U	34.	U	36.	U	34.	U		
PEST	Aroclor-1254	40.	U	34.	U	36.	U	34.	U		
PEST	Aroclor-1260	40.	U	34.	U	36.	U	34.	U		
PEST	Dieldrin	4.	U	3.4	U	3.6	U	3.4	U		
PEST	Endosulfan I	2.	U	1.7	U	1.8	U	1.8	U		
PEST	Endosulfan II	4.	U	3.4	U	3.6	U	3.4	U		
PEST	Endosulfan sulfate	4.	U	3.4	U	3.6	U	3.4	U		
PEST	Endrin	4.	U	3.4	U	3.6	U	3.4	U		
PEST	Endrin aldehyde	4.	U	3.4	U	3.6	U	3.4	U		
PEST	Endrin ketone	4.	U	3.4	U	3.6	U	3.4	U		
PEST	Heptachlor	2.	U	1.7	U	1.8	U	1.8	U		
PEST	Heptachlor epoxide	2.	U	1.7	U	1.8	U	1.8	U		
PEST	Methoxychlor	20.	U	17.	U	18.	U	18.	U		
PEST	Toxaphene	200.	U	170.	U	180.	U	180.	U		
PEST	alpha-BHC	2.	U	1.7	U	1.8	U	1.8	U		
PEST	alpha-Chlordane	2.	U	1.7	U	1.8	U	1.8	U		
PEST	beta-BHC	2.	U	1.7	U	1.8	U	1.8	U		
PEST	delta-BHC	2.	U	1.7	U	1.8	U	1.8	U		
PEST	gamma-BHC (Lindane)	2.	U	1.7	U	1.8	U	1.8	U		
PEST	gamma-Chlordane	2.	U	1.7	U	1.8	U	1.8	U		
PEST	Endrin aldehyde	NR		NR		NR		NR			

+++ Validation Complete +++

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-S-0004-05		029-S-0005-01		029-S-0005-03		029-S-0006-01	
	ORIGINAL ID	2930405		2930501		2930503		2930601	
	LAB SAMPLE ID	1900.3		1896.1		1897.0		1903.8	
	ID FROM REPORT	2930405		2930501		2930503		2930601	
	SAMPLE DATE	02/03/94		02/03/94		02/03/94		02/04/94	
	DATE EXTRACTED								
	DATE ANALYZED	02/10/94		02/09/94		02/09/94		02/10/94	
	MATRIX	Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL
SVOA	1,2,4-Trichlorobenzene	390.	U	330.	U	360.	U	340.	U
SVOA	1,2-Dichlorobenzene	390.	U	330.	U	360.	U	340.	U
SVOA	1,3-Dichlorobenzene	390.	U	330.	U	360.	U	340.	U
SVOA	1,4-Dichlorobenzene	390.	U	330.	U	360.	U	340.	U
SVOA	2,4,5-Trichlorophenol	960.	U	WO.	U	870.	U	830.	U
SVOA	2,4,6-Trichlorophenol	390.	U	330.	U	360.	U	340.	U
SVOA	2,4-Dichlorophenol	390.	U	330.	U	360.	U	340.	U
SVOA	2,4-Dimethylphenol	390.	U	330.	U	360.	U	340.	U
SVOA	2,4-Dinitrophenol	960.	U	810.	U	870.	U	830.	U
SVOA	2,4-Dinitrotoluene	390.	U	330.	U	360.	U	340.	U
SVOA	2,6-Dinitrotoluene	390.	U	330.	U	360.	U	340.	U
SVOA	2-Chloronaphthalene	390.	U	330.	U	360.	U	340.	U
SVOA	2-Chlorophenol	390.	U	330.	U	360.	U	340.	U
SVOA	2-Methylnaphthalene	390.	U	330.	U	360.	U	340.	U
SVOA	2-Methylphenol (o-Cresol)	390.	U	330.	U	360.	U	340.	U
SVOA	2-Nitroaniline	960.	U	mo.	U	870.	U	830.	U
SVOA	2-Nitrophenol	390.	U	330.	U	360.	U	340.	U
SVOA	3,3'-Dichlorobenzidine	390.	U	330.	U	360.	U	340.	U
SVOA	3-Nitroaniline	960.	U	810.	U	870.	U	830.	U
SVOA	4,6-Dinitro-2-methylphenol	960.	U	810.	U	870.	U	830.	U
SVOA	4-Bromophenyl-phenylether	390.	U	330.	U	360.	U	340.	U
SVOA	4-Chloro-3-methylphenol	390.	U	330.	U	360.	U	340.	U
SVOA	4-Chloroaniline	390.	R	330.	UJ	360.	UJ	340.	R
SVOA	4-Chlorophenyl-phenylether	390.	U	330.	U	360.	U	340.	U
SVOA	4-Methylphenol (p-Cresol)	390.	U	330.	U	360.	U	340.	U
SVOA	4-Nitroaniline	960.	U	810.	U	870.	U	830.	U
SVOA	4-Nitrophenol	960.	U	810.	U	870.	U	830.	U
SVOA	Acenaphthene	390.	U	330.	U	360.	U	340.	U
SVOA	Acenaphthylene	390.	U	330.	U	360.	U	340.	U
SVOA	Anthracene	390.	U	330.	U	360.	U	340.	U
SVOA	Benzo(a)anthracene	390.	U	34.	J	360.	U	340.	U
SVOA	Benzo(a)pyrene	3vv.	U	330.	U	360.	U	340.	U
SVOA	Benzo(b)fluoranthene	58.	J	54.	J	360.	U	340.	U
SVOA	Benzo(g,h,i)perylene	390.	U	330.	U	360.	U	340.	U
SVOA	Benzo(k)fluoranthene	390.	U	330.	U	360.	U	340.	U
SVOA	Benzylphthalate	390.	U	330.		360.	U	340.	U

*** Validation Complete ***

	SAMPLE ID ——>	029-S-0004-05		D29-S-0005-01		D29-S-0005-03		D29-S-0006-01			
	ORIGINAL ID ——>	29S0405		29S0501		29S0503		29S0601			
	LAB SAMPLE ID ——>	1900.3		1896.1		1897.0		1903.8			
	ID FROM REPORT ——>	29S0405		29S0501		29S0503		29S0601			
	SAMPLE DATE ——>	02/03/94		D2/03/94		D2/03/94		D2/04/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/10/94		D2/09/94		D2/09/94		D2/10/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL		
SVOA	Carbazole	390.	U	330.	U	360.	U	340.	U		
SVOA	Chrysene	390.	U	44.	J	360.	U	340.	U		
SVOA	Di-n-butylphthalate	390.	U	330.	U	360.	U	340.	U		
SVOA	Di-n-octylphthalate	390.	U	330.	U	360.	U	340.	U		
SVOA	Dibenzo(a,h)anthracene	390.	U	330.	U	360.	U	340.	U		
SVOA	Dibenzofuran	390.	U	330.	U	360.	U	340.	U		
SVOA	Diethylphthalate	390.	U	330.	U	360.	U	340.	U		
SVOA	Dimethylphthalate	390.	U	330.	U	360.	U	340.	U		
SVOA	Fluoranthene	74.	J	93.	J	360.	U	340.	U		
SVOA	Fluorene	390.	U	330.	U	360.	U	340.	U		
SVOA	Hexachlorobenzene	390.	U	330.	U	360.	U	340.	U		
SVOA	Hexachlorobutadiene	390.	U	330.	U	360.	U	Sa.	U		
SVOA	Hexachlorocyclopentadiene	390.	U	330.	U	360.	U	Sa.	U		
SVOA	Hexachloroethane	390.	U	330.	U	360.	U	340.	U		
SVOA	Indeno(1,2,3-cd)pyrene	390.	U	330.	U	360.	U	340.	U		
SVOA	Isophorone	390.	U	330.	U	360.	U	340.	U		
SVOA	N-Nitroso-di-n-propylamine	390.	U	330.	U	360.	U	340.	U		
SVOA	N-Nitrosodiphenylamine	390.	U	330.	U	360.	U	340.	U		
SVOA	Naphthalene	390.	U	330.	U	360.	U	340.	U		
SVOA	Nitrobenzene	390.	U	330.	U	360.	U	340.	U		
SVOA	Pentachlorophenol	960.	U	810.	U	870.	U	830.	U		
SVOA	Phenanthrene	390.	U	38.	J	360.	U	340.	U		
SVOA	Phenol	390.	U	330.	U	360.	U	340.	U		
SVOA	Pyrene	61.	J	74.	J	360.	U	340.	U		
SVOA	bis(2-Chloroethoxy)methane	390.	U	330.	U	360.	U	340.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	330.	U	360.	U	340.	U		
SVOA	bia(2-Chloroethyl)ether	390.	U	330.	U	360.	U	340.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	390.	U	330.	U	360.	U	340.	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-S-0004-05		029-S-0004-05 RE		029-S-0005-01		029-S-0005-01 DL		029-S-0005-03		029-S-0006-01	
	ORIGINAL ID	2980405		2980405RE		2980501		2980501DL		2980503		2980601	
	LAB SAMPLE ID												
	ID FROM REPORT	2980405		2980405RE		2980501		2980501DL		2980503		2980601	
	SAMPLE DATE	02/03/94		02/03/94		02/03/94		02/03/94		02/03/94		02/04/94	
	DATE EXTRACTED												
	DATE ANALYZED	02/08/94		02/09/94		02/08/94		02/09/94		02/08/94		02/09/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL
VOA	1,1,1-Trichloroethane	10.	U	12.	UJ	10.	U	53.	U		U	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	10.	U	EL	UJ	10.	U	53.	U	10.	U	10.	U
VOA	1,2-Dichloroethane	10.	U	12.	UJ	10.	U	53.	U		U	10.	U
VOA	1,2-Dichloroethene (total)	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	2-Hexanone	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Acetone	10.	U	180.	UJ	10.	U	360.	U	10.	U	10.	U
VOA	Benzene	10.	U	12.	UJ	10.	U	53.	U		U	10.	U
VOA	Bromodichloromethane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Bromoform	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Bromomethane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Carbon disulfide	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Carbon tetrachloride	10.	U	12.	UJ	10.	U	53.	U		U	10.	U
VOA	Chlorobenzene	10.	U	EL	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Chloroethane	10.	U	EL	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Chloroform	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Chloromethane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Dibromochloromethane	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Ethylbenzene	10.	U	EL	UJ	10.	U	53.	U		U	10.	U
VOA	Methylene chloride	2.	J	12.	UJ	2.	J	53.	U	18.	J	2.	J
VOA	Styrene	10.	U	EL	UJ	10.	U	53.	U		U	10.	U
VOA	Tetrachloroethene	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Toluene	10.	U	EL	UJ	10.	U	53.	U	10.	U	10.	U
VOA	Trichloroethene	10.	U	12.	UJ	10.	U	53.	U		U	10.	U
VOA	Vinyl chloride	10.	U	EL	UJ	10.	U	53.	U	10.	U	10.	U
VOA	m+p-Xylenes	10.	U	12.	UJ	10.	U	53.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	10.	U	12.	UJ	10.	U	53.	U		U		U
VOA	trans-1,3-Dichloropropene	10.	U	EL	UJ	10.	U	53.	U	10.	U	10.	U

*** Validation Complete ***

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DATALCP3
05/02/95

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-S-0006-03		029-S-0007-01		029-C-0007-01 D		029-S-0007-03			
	ORIGINAL ID	29S0603		29S0701		29S0701D		29S0703			
	LAB SAMPLE ID	X19046		X19054		X19062		X19070			
	ID FROM REPORT	29S0603		29S0701		29S0701D		29S0703			
	SAMPLE DATE	02/04/94		02/04/94		02/04/94		02/04/94			
	DATE EXTRACTED										
	DATE ANALYZED										
	MATRIX	Soil		Soil		Soil		Soil			
	UNITS	MG/KG		MG/KG		MG/KG		MG/KG			
Method	Parameter		VAL		VAL		VAL		VAL		
METAL	Aluminum	109.	J	3870.	J	8880.	J	500.	J		
METAL	Antimony	8.1	UJ	7.6	UJ	7.7	UJ	8.3	UJ		
METAL	Arsenic	0.9	U	2.	U	2.8	U	0.99	U		
METAL	Barium	0.75	U	21.4	J	9.8	J	3.8	J		
METAL	Beryllium	0.67	U	0.63	U	0.64	U	0.69	U		
METAL	Cadmium	1.1	U	1.	U	2.8		1.1	U		
METAL	Calcium	589.		739.		883.		120.	U		
METAL	Chromium	5.2	J	4.8	J	9.9	J	5.1	J		
METAL	Cobalt	1.3	U	1.3	U	1.3	U	1.4	U		
METAL	Copper	0.67	UJ	3.7	UJ	4.9	W	1.1	UJ		
METAL	Cyanide	1.4	U	1.3	U	1.3	U	1.4	U		
METAL	Iron	109.		2290.	J	4730.	J	1080.	J		
METAL	Lead	0.45	U	25.2		44.5		9.3			
METAL	Magnesium	33.4	U	89.5		81.8		30.8	U		
METAL	Manganese	0.9	UJ	71.4		58.3		5.5	UJ		
METAL	Mercury	0.09	U	0.09	U	0.11	U	0.11	U		
METAL	Nickel	3.4	U	3.1	U	3.2	U	3.4	U		
METAL	Potassium	105.	U	98.4	U	100.	U	108.	U		
METAL	Selenium	1.1	U	1.	U	1.1	U	1.1	U		
METAL	Silver	1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ		
METAL	Sodium	12.4	U	19.7		14.4	U	17.	U		
METAL	Thallium	1.8	U	1.7	U	1.7	U	1.8	U		
METAL	Vanadium	1.3	U	6.1	J	14.2	J	4.5	J		
METAL	Zinc	2.	U	10.5	U	24.7	U	6.5	U		

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0006-03		029-S-0007-01		029-C-0007-01 D		029-S-0007-03	
	ORIGINAL ID ——>	2930603		2930701		2930701D		2930703	
	LAB SAMPLE ID ——>	1904.6		1905.4		1906.2		1907.0	
	ID FROM REPORT ——>	2930603		2930701		2930701D		2930703	
	SAMPLE DATE ——>	02/04/94		02/04/94		02/04/94		02/04/94	
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>	02/08/94		02/08/94		02/08/94		02/11/94	
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CTSO4	VAL	CTSO4	VAL	CTSO4	VAL	CTSO4	VAL
PEST	4,4'-DDD	3.7	U	3.5	U	3.5	U	3.8	U
EST	4,4'-DDE	3.7	U	5.8		7.3		3.8	U
PEST	4,4'-DDT	3.7	U	5.6		7.		3.8	U
EST	Aldrin	1.9	U	1.8	U	1.8	U	2.	U
EST	Aroclor-1016	37.	U	35.	U	35.	U	38.	U
EST	Aroclor-1221	75.	U	71.	U	72.	U	77.	U
PEST	Aroclor-1232	37.	U	3s.	U	3s.	U	38.	U
EST	Aroclor-1242	37.	U	3s.	U	35.	U	38.	U
PEST	Amlor-1248	37.	U	3s.	U	35.	U	38.	U
PEST	Amlor-1254	37.	U	3s.	U	a.	U	38.	U
PEST	Aroclor-1260	37.	U	35.	U	35.	U	38.	U
PEST	Dieldrin	3.7	U	3.4	J	s.9		3.8	U
PEST	Endosulfan I	1.9	U	1.8	U	1.8	U	2.	U
PEST	Endosulfan XI	3.7	U	3.5	U	3.5	U	3.8	U
PEST	Endosulfan sulfate	3.7	U	3.s	U	3.5	U	3.8	U
PEST	Endrin	3.7	U	3.5	U	3.5	U	3.8	U
PEST	Endrin aldehyde	3.7	U	3.5	U	3.5	U	3.8	U
PEST	Endrin ketone	3.7	U	3.5	U	3.5	U	3.8	U
PEST	Heptachlor	1.9	U	1.8	U	1.8	U	2	U
PEST	Heptachlor epoxide	0.61	J	1.8	U	1.8	U	2	U
PEST	Methoxychlor	19.	U	18.	U	18.	U	19.	U
PEST	Toxaphene	190.	U	180.	U	180.	U	200.	U
PEST	alpha-BHC	1.9	U	1.8	U	1.8	U	2.	U
PEST	alpha-Chlordane	1.9	U	1.8	U	1.8	U	2.	U
PEST	beta-BHC	1.9	U	1.8	U	1.8	U	2.	U
PEST	delta-BHC	1.9	U	1.8	U	1.8	U	2.	U
PEST	gamma-BHC (Lindane)	1.9	U	1.8	U	1.8	U	2.	U
PEST	gamma-Chlordane	1.9	U	1.8	U	0.47	J	2	U
PEST	Endrin aldehyde	NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0006-03		029-S-0007-01		029-C-0007-01 D		029-S-0007-03			
	ORIGINAL ID ——>	29S0603		29S0701		29S0701D		29S0703			
	LAB SAMPLE ID ——>	1904.6		1905.4		1906.2		1907.0			
	ID FROM REPORT ——>	29S0603		29S0701		29S0701D		29S0703			
	SAMPLE DATE ——>	02/04/94		02/04/94		02/04/94		02/04/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/12/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL		
SVOA	1,2,4-Trichlorobenzene	370.	U	350.	U	350.	U	380.	U		
SVOA	1,2-Dichlorobenzene	370.	U	350.	U	350.	U	380.	U		
SVOA	1,3-Dichlorobenzene	370.	U	350.	U	350.	U	380.	U		
SVOA	1,4-Dichlorobenzene	370.	U	350.	U	350.	U	380.	U		
SVOA	2,4,5-Trichlorophenol	900.	U	840.	U	860.	U	920.	U		
SVOA	2,4,6-Trichlorophenol	370.	U	350.	U	350.	U	380.	U		
SVOA	2,4-Dichlorophenol	370.	U	350.	U	350.	U	380.	U		
SVOA	2,4-Dimethylphenol	370.	U	350.	U	350.	U	380.	U		
SVOA	2,4-Dinitrophenol	900.	U	840.	U	860.	U	920.	R		
SVOA	2,4-Dinitrotoluene	370.	U	350.	U	350.	U	380.	U		
SVOA	2,6-Dinitrotoluene	370.	U	350.	U	350.	U	380.	U		
SVOA	2-Chloronaphthalene	370.	U	350.	U	350.	U	380.	U		
SVOA	2-Chlorophenol	370.	U	350.	U	350.	U	380.	U		
SVOA	2-Methylnaphthalene	370.	U	350.	U	350.	U	380.	U		
SVOA	2-Methylphenol (o-Cresol)	370.	U	350.	U	350.	U	380.	U		
SVOA	2-Nitroaniline	900.	U	840.	U	860.	U	920.	U		
SVOA	2-Nitrophenol	370.	U	350.	U	350.	U	380.	U		
SVOA	3,3'-Dichlorobenzidine	370.	U	350.	U	350.	U	380.	R		
SVOA	3-Nitroaniline	900.	U	840.	U	860.	U	920.	U		
SVOA	4,6-Dinitro-2-methylphenol	900.	U	840.	U	860.	U	920.	U		
SVOA	4-Bromophenyl-phenylether	370.	U	350.	U	350.	U	380.	U		
SVOA	4-Chloro-3-methylphenol	370.	U	350.	U	350.	U	380.	U		
SVOA	4-Chloroaniline	370.	R	350.	R	350.	R	380.	R		
SVOA	4-Chlorophenyl-phenylether	370.	U	350.	U	350.	U	380.	U		
SVOA	4-Methylphenol (p-Cresol)	370.	U	350.	U	350.	U	380.	U		
SVOA	4-Nitroaniline	900.	U	840.	U	860.	U	920.	U		
SVOA	4-Nitrophenol	900.	U	840.	U	860.	U	920.	U		
SVOA	Acenaphthene	370.	U	350.	U	350.	U	380.	U		
SVOA	Acenaphthylene	370.	U	350.	U	350.	U	380.	U		
SVOA	Anthracene	370.	U	350.	U	350.	U	380.	U		
SVOA	Benzo(a)anthracene	370.	U	350.	U	350.	U	380.	U		
SVOA	Benzo(a)pyrene	370.	U	350.	U	350.	U	380.	U		
SVOA	Benzo(b)fluoranthene	370.	U	U.	J	63.	J	380.	U		
SVOA	Benzo(g,h,i)perylene	370.	U	350.	U	350.	U	380.	U		
SVOA	Benzo(k)fluoranthene	370.	U	350.	U	350.	U	380.	U		
SVOA	Butylbenzylphthalate	370.	U	350.	U	350.	U	380.	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>		029-S-0006-03		029-S-0007-01		029-C-0007-01 D		029-S-0007-03			
ORIGINAL ID ——>		2980603		2980701		2980701D		2980703			
LAB SAMPLE ID ——>		1904.6		1905.4		1906.2		1907.0			
ID FROM REPORT ——>		2980603		2980701		2980701D		2980703			
SAMPLE DATE ——>		02/04/94		02/04/94		02/04/94		02/04/94			
DATE EXTRACTED ——>											
DATE ANALYZED ——>		02/10/94		02/10/94		02/10/94		02/12/94			
MATRIX ——>		Soil		Soil		Soil		Soil			
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL		
SVOA	Carbazole	370.	U	350.	U	350.	U	380.	U		
SVOA	Chrysene	370.	U	36.	J	53.	J	380.	U		
SVOA	Di-n-butylphthalate	370.	U	350.	U	350.	U	380.	U		
SVOA	Di-n-octylphthalate	370.	U	350.	U	350.	U	380.	U		
SVOA	Dibenzo(a,h)anthracene	370.	U	350.	U	350.	U	380.	U		
SVOA	Dibenzofuran	370.	U	350.	U	350.	U	380.	U		
SVOA	Diethylphthalate	370.	U	350.	U	350.	U	380.	U		
SVOA	Dimethylphthalate	370.	U	350.	U	350.	U	380.	U		
SVOA	Fluoranthene	370.	U	56.	J	80.	J	380.	U		
SVOA	Fluorene	370.	U	350.	U	350.	U	380.	U		
SVOA	Hexachlorobenzene	370.	U	350.	U	350.	U	380.	U		
SVOA	Hexachlorobutadiene	370.	U	350.	U	350.	U	380.	U		
SVOA	Hexachlorocyclopentadiene	370.	U	350.	U	350.	U	380.	R		
SVOA	Hexachloroethane	370.	U	350.	U	350.	U	380.	U		
SVOA	Indeno(1,2,3-cd)pyrene	370.	U	350.	U	350.	U	380.	U		
SVOA	Isophorone	370.	U	350.	U	350.	U	380.	U		
SVOA	N-Nitroso-di-n-propylamine	370.	U	350.	U	350.	U	380.	U		
SVOA	N-Nitrosodiphenylamine	370.	U	350.	U	350.	U	380.	U		
SVOA	Naphthalene	370.	U	350.	U	350.	U	380.	U		
SVOA	Nitrobenzene	370.	U	350.	U	350.	U	380.	U		
SVOA	Pentachlorophenol	900.	U	840.	U	860.	U	920.	U		
SVOA	Phenanthrene	370.	U	350.	U	350.	U	380.	U		
SVOA	Phenol	370.	U	350.	U	350.	U	380.	U		
SVOA	Pyrene	370.	U	47.	J	70.	J	380.	U		
SVOA	bis(2-Chloroethoxy)methane	370.	U	350.	U	350.	U	380.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U	40.	U	350.	U	380.	U		
SVOA	bis(2-Chloroethyl)ether	370.	U	350.	U	350.	U	380.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	370.	U	350.	U	350.	U	380.	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0006-03		029-S-0007-01		029-S-0007-01 DDL		029-S-0007-01 DL		029-C-0007-01 D		029-S-0007-03	
	ORIGINAL ID ——>	29S0603		29S0701		29S0701DDL		29S0701DL		29S0701D		29S0703	
	LAB SAMPLE ID —>												
	ID FROM REPORT —>	29S0603		29S0701		29S0701DDL		29S0701DL		29S0701D		29S0703	
	SAMPLE DATE ——>	02/04/94		02/04/94		02/04/94		02/04/94		02/04/94		02/04/94	
	DATE EXTRACTED —>												
	DATE ANALYZED —>	02/09/94		02/09/94		02/09/94		02/09/94		02/09/94		02/09/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL	CT504	VAL
VOA	1,1,1-Trichloroethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	1,2-Dichloroethene (total).	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	2-Hexanone	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Acetone	10.	U	10.	U	390.	U	360.	U	610.	J	10.	U
VOA	Benzene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Bromodichloromethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Bromoform	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Bromomethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Carbon disulfide	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Carbon tetrachloride	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Chlorobenzene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Chloroethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	chloroform	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Chloromethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Dibromochloromethane	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Ethylbenzene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Methylene chloride	2.	J	2.	J	54.	U	53.	U	11.	U	2.	J
VOA	Styrene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Tetrachloroethene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Toluene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Trichloroethene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	Vinyl chloride	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	m+p-Xylenes	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	54.	U	53.	U	11.	U	10.	U

*** Validation Complete ***

DATALCP3
05/02/95

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0008-01		029-S-0008-03		029-S-0009-01		029-C-0009-01 D		029-S-0009-02		
	ORIGINAL ID ——>	2930801		2930803		2930901		2930901D		2930903		
	LAB SAMPLE ID ——>	X17930		X17949		X18864		X18872		X18880		
	ID FROM REPORT ——>	2930801		2930803		2930901		2930901D		2930903		
	SAMPLE DATE ——>	02/02/94		02/02/94		02/03/94		02/03/94		02/03/94		
	DATE EXTRACTED ——>											
	DATE ANALYZED ——>											
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		
Method	Parameter		VAL		VAL		VAL		AL		VAL	
METAL	Aluminum	1870.		846.		1890.		1930.		336.		
METAL	Antimony	7.5	UJ	7.5	UJ	7.5	UJ	7.6	UJ	7.6	UJ	
METAL	Arsenic	0.83	U	0.83	U	0.84	U	0.84	U	0.84	U	
METAL	Barium	7.6	U	1.7	U	3.3	U	3.3	U	0.44	U	
METAL	Beryllium	0.62	U	0.62	U	0.63	U	0.63	U	0.63	U	
METAL	Cadmium	1.	U	1.	U	1.	U	1.	U	1.	U	
METAL	Calcium	387.	U	141.	U	1000.		694.	U	102.	U	
METAL	Chromium	2.9		2.6		5.2		14.7		8.6		
METAL	Cobalt	1.2	U	1.2	U	1.3	U	1.3	U	1.3	U	
METAL	Copper	4.2	U	4.	U	1.3	U	1.9	U	0.63	U	
METAL	Cyanide	1.2	U	1.3	U	1.3	U	1.1	U	1.2	U	
METAL	Iron	976.		458.		966.		980.		214.	U	
METAL	Lead	12.9		6.6		5.5		6.5		1.2		
METAL	Magnesium	53.8		25.2		77.9		65.3		12.6		
METAL	Manganese	22.4	U	15.9	U	41.6		46.7	U	4.5	U	
METAL	Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	
METAL	Nickel	3.1	U	3.1	U	3.1	U	5.		3.1	U	
METAL	Potassium	151.	U	168.	U	192.	U	187.	U	98.4	U	
METAL	Selenium	1.	UJ	1.2	J	1.	UJ	1.	UJ	1.	UJ	
METAL	Silver	1.2	U	1.2	U	1.3	U	1.3	U	1.3	U	
METAL	Sodium	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	
METAL	Thallium	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
METAL	Vanadium	1.9		1.2	U	2.4		2.4		1.3	U	
METAL	Zinc	9.5		5.9		6.1		4.5		1.9	U	

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID →	029-S-0008-01				029-S-0009-01		029-C-0009-01 D		029-S-0009-03		
	ORIGINAL ID →	29S0801				29S0901		29S0901D		29S0903		
	LAB SAMPLE ID →	1793.0				1886.4		1887.2		1888.0		
	ID FROM REPORT →	29S0801				29S0901		29S0901D		29S0903		
	SAMPLE DATE →	02/02/94				02/03/94		02/03/94		02/03/94		
	DATE EXTRACTED →											
	DATE ANALYZED →	02/09/94				02/09/94		02/09/94		02/09/94		
	MATRIX →	Soil				Soil		Soil		Soil		
	UNITS →	UG/KG				UG/KG		UG/KG		UG/KG		
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	
PEST	4,4'-DDD	3.4	U	3.4	U	3.5	U	3.5	U	3.5	U	
PEST	4,4'-DDE	3.4	U	3.4	U	3.5	U	3.5	U	3.5	U	
PEST	4,4'-DDT	3.4	U	3.4	U	3.5	U	3.5	U	3.5	U	
PEST	Aldrin	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	Aroclor-1016	34.	U	34.	U	35.	U	35.	U	35.	U	
PEST	Amlor-1221	70.	U	69.	U	71.	U	70.	U	70.	U	
PEST	Aroclor-1232	34.	U	34.	U	35.	U	35.	U	35.	U	
PEST	Amlor-1242	34.	U	34.	U	35.	U	35.	U	35.	U	
PEST	Aroclor-1248	34.	U	34.	U	35.	U	35.	U	35.	U	
PEST	Amlor-1254	34.	U	34.	U	35.	U	35.	U	35.	U	
PEST	Aroclor-1260	34.	U	34.	U	35.	U	35.	U	35.	U	
PEST	Dieldrin	4.4		4.		3.5	U	3.5	U	3.5	U	
PEST	Endosulfan I	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	Endosulfan II	3.4	U	3.4	U	2.	J	3.5	U	3.5	U	
PEST	Endosulfan sulfate	3.4	U	3.4	U	3.5	U	3.5	U	3.5	U	
PEST	Endrin	3.4	U	3.4	U	35	U	3.5	U	3.5	U	
PEST	Endrin aldehyde	3.4	U	3.4	U	3.5	U	3.5	U	3.5	U	
PEST	Endrin ketone	3.4	U	3.4	U	3.5	U	3.5	U	3.5	U	
PEST	Heptachlor	1.8	U	1.7	U	1.6	U	1.8	U	1.8	U	
PEST	Heptachlor epoxide	1.8	U	1.7	U	2.9	J	1.8	U	1.8	U	
PEST	Methoxychlor	18.	U	17.	U	18.	U	18.	U	18.	U	
PEST	Toxaphene	180.	U	170.	U	180.	U	180.	U	180.	U	
PEST	alpha-BHC	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	alpha-Chlordane	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	beta-BHC	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	delta-BHC	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	gamma-BHC (Lindane)	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	gamma-Chlordane	1.6	U	1.7	U	1.8	U	1.8	U	1.8	U	
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		

*** Validation Complete ***

DATALCP3
05/02/95

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0008-01		029-S-0008-00		029-S-0009-01		029-C-0009-01		029-S-0009-00		
	ORIGINAL ID ——>	29S0801		29S0803		29S0901		29S0901D		29S0903		
	LAB SAMPLE ID ——>	1793.0		1794.9		1886.4		1887.2		1888.0		
	ID FROM REPORT ——>	29S0801		29S0803		29S0901		29S0901D		29S0903		
	SAMPLE DATE ——>	02/02/94		02/02/94		02/03/94		02/03/94		02/03/94		
	DATE EXTRACTED ——>											
	DATE ANALYZED ——>	02/10/94		02/10/94		02/11/94		02/11/94		02/11/94		
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	
SVOA	1,2,4-Trichlorobenzene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	1,2-Dichlorobenzene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	1,3-Dichlorobenzene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	1,4-Dichlorobenzene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2,4,5-Trichlorophenol	00	U	820.	U	840.	U	840.	U	840.	U	
SVOA	2,4,6-Trichlorophenol	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2,4-Dichlorophenol	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2,4-Dimethylphenol	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2,4-Dinitrophenol	830.	U	820.	U	840.	U	840.	U	840.	U	
SVOA	2,4-Dinitrotoluene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2,6-Dinitrotoluene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2-Chloronaphthalene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2-Chlorophenol	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2-Methylnaphthalene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2-Methylphenol (o-Cresol)	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2-Nitroaniline	830.	U	820.	U	840.	U	840.	U	840.	U	
SVOA	2-Nitrophenol	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	3,3'-Dichlorobenzidine	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	3-Nitroaniline	830.	U	820.	U	840.	U	840.	U	840.	U	
SVOA	4,6-Dinitro-2-methylphenol	830.	U	820.	U	840.	U	840.	U	840.	U	
SVOA	4-Bromophenyl-phenylether	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	4-Chloro-3-methylphenol	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	4-Chloroaniline	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	4-Chlorophenyl-phenylether	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	4-Methylphenol (p-Cresol)	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	4-Nitroaniline	830.	U	820.	U	840.	U	840.	U	840.	U	
SVOA	4-Nitrophenol	830.	U	820.	U	840.	U	840.	U	840.	U	
SVOA	Acenaphthene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Acenaphthylene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Anthracene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Benzo(a)anthracene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Benzo(a)pyrene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Benzo(b)fluoranthene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Benzo(g,h,i)perylene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Benzo(k)fluoranthene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Bu[illegible]nzylphthalate	340.	U	340.	[illegible]	350.	U	350.	U	350.	U	

	SAMPLE ID ——>	029-S-0008-01		029-S-0008-03		029-S-0009-01		029-C-0009-01 D		029-S-0009-03		
	ORIGINAL ID ——>	29S0801		29S0803		29S0901		29S0901D		29S0903		
	LAB SAMPLE ID —>	1793.0		1794.9		1886.4		1887.2		1888.0		
	ID FROM REPORT —>	29S0801		29S0803		29S0901		29S0901D		29S0903		
	SAMPLE DATE ——>	02/02/94		02/02/94		02/03/94		02/03/94		02/03/94		
	DATE EXTRACTED —>											
	DATE ANALYZED —>	02/10/94		02/10/94		02/11/94		02/11/94		02/11/94		
	MATRIX ———>	Soil		Soil		Soil		Soil		Soil		
	UNITS ———>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	
SVOA	Carbazole	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Chrysene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Di-n-butylphthlate	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Di-n-octylphthlate	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Dibenzo(a,h)anthracene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Dibenzofuran	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Diethylphthlate	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Dimethylphthalate	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Fluoranthene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Fluorene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Hexachlorobenzene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Hexachlorobutadiene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Hexachlorocyclopentadiene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Hexachloroethane	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Isophorone	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	N-Nitroso-di-n-propylamine	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	N-Nitrosodiphenylamine	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Naphthalene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Nitrobenzene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Pentachlorophenol	830.	U	820.	U	two.	U	two.	U	two.	U	
SVOA	Phenanthrene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Phenol	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	Pyrene	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	bis(2-Chloroethoxy)methane	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	bis(2-Chloroethyl)ether	340.	U	340.	U	350.	U	350.	U	350.	U	
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U	350.	U	350.	U	350.	U	

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0008-01		029-S-0008-01 DL		029-S-0008-02		029-S-0009-01		029-C-0009-01 D		029-S-0009-02	
	ORIGINAL ID ——>	29S0801		29S0801DL		29S0803		29S0901		29S0901D		29S0903	
	LAB SAMPLE ID ——>												
	ID FROM REPORT ——>	29S0801		29S0801DL		29S0803		29S0901		29S0901D		29S0903	
	SAMPLE DATE ——>	02/02/94		02/02/94		02/02/94		02/03/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/06/94		02/07/94		02/07/94		02/08/94		02/08/94		02/08/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL	CT503	VAL
VOA	1,1,1-Trichloroethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1,2,2-Tetrachloroethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1,2-Trichloroethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1-Dichloroethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1-Dichloroethene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloroethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloroethene (total)	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloropropane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	2-Butanone (MEK)	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	2-Hexanone	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	4-Methyl-2-Pentanone (MIBK)	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Acetone	11.	U	160.	U	11.	U	11.	U	71.	U	11.	U
VOA	Benzene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Bromodichloromethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Bromoform	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Bromomethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Carbon disulfide	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Carbon tetrachloride	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chlorobenzene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chloroethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chloroform	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chloromethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Dibromochloromethane	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Ethylbenzene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Methylene chloride	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Styrene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Tetrachloroethene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Toluene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Trichloroethene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	Vinyl chloride	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	m+p-Xylenes	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	cis-1,3-Dichloropropene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U
VOA	trans-1,3-Dichloropropene	11.	U	56.	U	11.	U	11.	U	11.	U	11.	U

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0009-05		OEE-S-0001-01		OEE-S-0001-03		OEE-S-0001-05		OEE-S-0002-01		
	ORIGINAL ID ——>	29S0905		EES0101		EES0103		EES0105		EES0201		
	LAB SAMPLE ID ——>	X18899		X26514		X26522		126530		X26590		
	ID FROM REPORT ——>	29S0905		EES0101		EES0103		EES0105		EES0201		
	SAMPLE DATE ——>	02/03/94										
	DATE EXTRACTED ——>											
	DATE ANALYZED ——>											
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		
Method	Parameter		VAL	CT512	VAL	CT512	VAL	CT512	VAL	CT512	VAL	
METAL	Aluminum	287.	U	350.		52.		16.6		543.		
METAL	Antimony	8.4	UJ	7.4	UJ	7.9	UJ	8.6	UJ	7.8	UJ	
METAL	Arsenic	0.93	U	0.83	U	0.87	U	0.95	U	0.86	U	
METAL	Barium	0.65	U	3.6		0.83		0.69		2.3		
METAL	Beryllium	0.7	U	0.62	U	0.66	U	0.71	U	0.65	U	
METAL	Cadmium	1.2	U	1.	U	1.1	U	1.2	U	1.1	U	
METAL	Calcium	444.	U	1870.		218.		68.		993.		
METAL	Chromium	21.5		4.5	U	2.9	U	3.3	U	2.	U	
METAL	Cobalt	1.4	U	1.2	U	1.3	U	1.4	U	1.3	U	
METAL	Copper	0.79	U	5.3	J	0.66	UJ	0.71	UJ	0.65	UJ	
METAL	Cyanide	1.4	U	1.2	UJ	1.3	UJ	1.5	UJ	0.53	UJ	
METAL	Iron	287.		912.	J	160.	J	28.9	J	614.	J	
METAL	Lead	0.75		5.3		1.7		0.72		14.3		
METAL	Magnesium	29.9		104.		12.7	J	9.5	J	62.5		
METAL	Manganese	6.6	U	15.2	J	5.1	J	0.95	UJ	16.4	J	
METAL	Mercury	0.12	U	0.1	U	0.11	U	0.12	U	0.11	U	
METAL	Nickel	4.8		3.1	U	3.3	U	3.6	U	3.2	U	
METAL	Potassium	109.	U	96.8	UJ	102.	UJ	112.	UJ	101.	UJ	
METAL	Selenium	1.2	UJ	1.	U	1.1	U	1.2	U	1.1	U	
METAL	Silver	1.4	U	1.2	U	1.3	U	1.4	U	1.3	U	
METAL	Sodium	2.1	U	9.6	J	17.1	J	15.2	J	13.2	J	
METAL	Thallium	1.9	U	1.7	U	1.7	U	1.9	U	1.7	U	
METAL	Vanadium	1.4	U	1.2	UJ	1.3	UJ	1.4	UJ	1.3	UJ	
METAL	Zinc	2.1	U	3.4		2.	U	2.1	U	6.2		

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>		029-S-0009-05		OEE-S-0001-01		OEE-S-0001-03		OEE-S-0001-05		OEE-S-0002-01	
ORIGINAL ID ——>		2980905		EE80101		EE80103		EE80105		EE80201	
LAB SAMPLE ID ——>		1889.9		2651.4		2652.2		2653.0		2659.0	
ID FROM REPORT ——>		2980905		EE80101		EE80103		EE80105		EE80201	
SAMPLE DATE ——>		02/03/94									
DATE EXTRACTED ——>				02/16/94		02/16/94		02/16/94		02/16/94	
DATE ANALYZED ——>		02/09/94		03/02/94		03/02/94		03/02/94		03/03/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT503	VAL	CT512	VAL	CT512	VAL	CT512	VAL	CT512	VAL
PEST	4,4'-DDD	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
PEST	4,4'-DDE	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
PEST	4,4'-DDT	3.8	U	3.4	U	3.6	U	3.9	U	1.2	J
PEST	Aldrin	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	Aroclor-1016	1.	U	34.	U	36.	U	39.	U	35.	U
PEST	Aroclor-1221	77.	U	69.	U	72.	U	79.	U	71.	U
PEST	Aroclor-1232	1.	U	34.	U	36.	U	39.	U	35.	U
PEST	Aroclor-1242	38.	U	34.	U	36.	U	39.	U	a.	U
PEST	Aroclor-1248	M.	U	34.	U	36.	U	39.	U	35.	U
PEST	Aroclor-1254	38.	U	34.	U	36.	U	39.	U	35.	U
PEST	Aroclor-1260	1.	U	34.	U	36.	U	39.	U	35.	U
PEST	Dieldrin	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
PEST	Endosulfan I	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	Endosulfan II	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
EST	Endosulfan sulfate	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
PEST	Endrin	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
PEST	Endrin aldehyde	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
EST	Endrin ketone	3.8	U	3.4	U	3.6	U	3.9	U	3.5	U
PEST	Heptachlor	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	Heptachlor epoxide	2.	U	1.8	U	1.8	U	2.	U	0.54	J
PEST	Methoxychlor	20.	U	18.	U	18.	U	20.	U	18.	U
PEST		200.	U	10.	U	10.	U	200.	U	10.	U
PEST	alpha-BHC	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	alpha-Chlordane	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	beta-BHC	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	delta-BHC	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	gamma-BHC (Lindane)	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	gamma-Chlordane	2.	U	1.8	U	1.8	U	2.	U	1.8	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>		029-S-0009-05		OEE-S-0001-01		OEE-S-0001-03		OEE-S-0001-05		OEE-S-0002-01	
ORIGINAL ID ——>		29S0905		EES0101		EES0103		EES0105		EES0201	
LAB SAMPLE ID ——>		1889.9		2651.4		2652.2		2653.0		2659.0	
ID FROM REPORT ——>		29S0905		EES0101		EES0103		EES0105		EES0201	
SAMPLE DATE ——>		02/03/94									
DATE EXTRACTED ——>				02/16/94		02/16/94		02/16/94		02/16/94	
DATE ANALYZED ——>		02/11/94		02/28/94		03/07/94		03/07/94		03/07/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Method	Parameter	CT503	VAL	CT512	VAL	CT512	VAL	CT512	VAL	CT512	VAL
SVOA	1,2,4-Trichlorobenzene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	1,2-Dichlorobenzene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	1,3-Dichlorobenzene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	1,4-Dichlorobenzene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2,4,5-Trichlorophenol	930.	U	820.	U	870.	U	950.	U	860.	U
SVOA	2,4,6-Trichlorophenol	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2,4-Dichlorophenol	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2,4-Dimethylphenol	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2,4-Dinitrophenol	930.	U	820.	U	870.	U	950.	U	860.	U
SVOA	2,4-Dinitrotoluene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2,6-Dinitrotoluene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2-Chloronaphthalene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2-Chlorophenol	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2-Methylnaphthalene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2-Methylphenol (o-Cresol)	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	2-Nitroaniline	930.	U	820.	U	870.	U	950.	U	860.	U
SVOA	2-Nitrophenol	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	3,3'-Dichlorobenzidine	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	3-Nitroaniline	930.	U	820.	U	870.	U	950.	U	860.	U
SVOA	4,6-Dinitro-2-methylphenol	930.	U	820.	U	870.	U	950.	U	860.	U
SVOA	4-Bromophenyl-phenylether	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	4-Chloro-3-methylphenol	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	4-Chloroaniline	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	4-Chlorophenyl-phenylether	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	4-Methylphenol (p-Cresol)	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	4-Nitroaniline	930.	U	820.	U	870.	U	950.	U	860.	U
SVOA	4-Nitrophenol	930.	U	820.	U	870.	U	950.	U	860.	U
SVOA	Acenaphthene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	Acenaphthylene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	Anthracene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	Benzo(a)anthracene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	Benzo(a)pyrene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	Benzo(b)fluoranthene	380.	U	340.	U	360.	U	390.	U	56.	J
SVOA	Benzo(g,h,i)perylene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	Benzo(k)fluoranthene	380.	U	340.	U	360.	U	390.	U	350.	U
SVOA	Butylbenzylphthalate	380.	U	340.	U	360.	U	390.	U	350.	U

*** Validation Complete ***

	SAMPLE ID ——>	029-S-0009-00		0EE-S-0001-01		0EE-S-0001-00		0EE-S-0001-05		0EE-S-0002-0		
	ORIGINAL ID ——>	2910905		EE90101		EE90103		EE90105		EE90201		
	LAB SAMPLE ID ——>	1889.9		2651.4		2652.2		2653.0		2659.0		
	ID FROM REPORT ——>	2910905		EE90101		EE90103		EE90105		EE90201		
	SAMPLE DATE ——>	02/03/94										
	DATE EXTRACTED ——>			02/16/94		02/16/94		02/16/94		02/16/94		
	DATE ANALYZED ——>	02/11/94		02/28/94		03/07/94		03/07/94		03/07/94		
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		
	UNITS ——>	UG/KG		ug/Kg		ug/Kg		ug/Kg		ug/Kg		
Method	Parameter	CT503	VAL	CT512	VAL	CT512	VAL	0512	VAL	[redacted]	3	
SVOA	Carbazole	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Chrysene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Di-n-butylphthalate	380.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Di-n-octylphthalate	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Dibenzo(a,h)anthracene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Dibenzofuran	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Diethylphthalate	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Dimethylphthalate	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Fluoranthene	50.	U	340.	U	360.	U	390.	U	41.	J	
SVOA	Fluorene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Hexachlorobenzene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Hexachlorobutadiene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Hexachlorocyclopentadiene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Hexachloroethane	380.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Indeno(1,2,3-cd)pyrene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Isophorone	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	N-Nitroso-di-n-propylamine	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	N-Nitrosodiphenylamine	380.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Naphthalene	380.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Nitrobenzene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Pentachlorophenol	930.	U	820.	U	870.	U	950.	U	860.	U	
SVOA	Phenanthrene	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Phenol	380.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	Pyrene	50.	U	340.	U	360.	U	390.	U	44.	J	
SVOA	bis(2-Chloroethoxy)methane	380.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	bis(2-Chloroethyl)ether	50.	U	340.	U	360.	U	390.	U	350.	U	
SVOA	2,2'-oxybis(1-Chloropropane)	50.	U	340.	U	360.	U	390.	U	350.	U	

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-S-0009-05		OEE-S-0001-01		OEE-S-0001-01 RE		OEE-S-0001-03		OEE-S-0001-05		OEE-S-0002-01	
	ORIGINAL ID ——>	29S0905		EES0101		EES0101RE		EES0103		EES0105		EES0201	
	LAB SAMPLE ID —>			2651.4		2651.4RE		2652.2		2653.0		2659.0	
	ID FROM REPORT —>	29S0905		EES0101		EES0101RE		EES0103		EES0105		EES0201	
	SAMPLE DATE ——>			02/10/94		02/10/94		02/10/94		02/10/94		02/14/94	
	DATE EXTRACTED —>												
	DATE ANALYZED —>	02/08/94											
	MATRIX ——>	Soil		SOIL		SOIL		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		ug/kg	
Method	Parameter	CT503	VAL	CT512	VAL	CT512	VAL	CT512	VAL	CT512	VAL	CT512	VAL
VOA	1,1,1-Trichloroethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	1,1,2,2-Tetrachloroethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	1,1,2-Trichloroethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	1,1-Dichloroethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	1,1-Dichloroethene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	1,2-Dichloroethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	1,2-Dichloroethene (total)	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	1,2-Dichloropropane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	2-Butanone (MEK)	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	2-Hexanone	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	4-Methyl-2-Pentanone (MIBK)	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Acetone	11.	U	22.	UJ	32.	UJ	11.	U	12.	U	43.	U
VOA	Benzene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Bromodichloromethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Bromoform	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Bromomethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Carbon disulfide	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Carbon tetrachloride	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Chlorobenzene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Chloroethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Chloroform	11.	U	10.	UJ	10.	UJ	11.	U	NR		11.	U
VOA	Chloromethane	11.	U	10.	UJ	10.	UJ	11.	U	NR		11.	U
VOA	Dibromochloromethane	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Ethylbenzene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Methylene chloride	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Styrene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Tetrachloroethene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	Toluene	11.	U	6.	J	2.	J	11.	U	12.	U	11.	U
VOA	Trichloroethene	11.	U	4.	J	3.	J	11.	U	12.	U	11.	U
VOA	Vinyl chloride	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	m+p-Xylenes	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	cis-1,3-Dichloropropene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U
VOA	trans-1,3-Dichloropropene	11.	U	10.	UJ	10.	UJ	11.	U	12.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	OEE-8-0002-03					
	ORIGINAL ID ——>	EE90203					
	LAB SAMPLE ID ——>	X26603					
	ID FROM REPORT ——>	EE90203					
	SAMPLE DATE ——>						
	DATE EXTRACTED ——>						
	DATE ANALYZED ——>						
	MATRIX ——>	Soil					
	UNITS ——>	MG/KG					
Method	Parameter	CT512	VAL				
METAL	Aluminum	47.5					
METAL	Antimony	8.6	UJ				
RTAL	Arsenic	0.95	U				
RTAL	Barium	0.67					
RTAL	Beryllium	0.n	U				
METAL	Cadmium	1.2	U				
METAL	Calcium	133.					
METAL	Chromium	2.4	U				
NETAL	Cobalt	1.4	U				
METAL	Copper	0.71	UJ				
METAL	Cyanide	1.5	UJ				
NETAL	Iron	40.3	J				
METAL	Lead	0.55					
METAL	Magnesium	11.3	J				
METAL	Manganese	0.95	UJ				
METAL	Mercury	0.12	U				
METAL	Nickel	3.6	U				
METAL	Potassium	112.	UJ				
METAL	Selenium	1.2	U				
METAL	Silver	1.4	U				
METAL	Sodium	17.8	J				
METAL	Thallium	1.9	U				
METAL	Vanadium	1.4	UJ				
METAL	Zinc	2.6					

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	OEE-S-0002-03					
	ORIGINAL ID ——>	EES0203					
	LAB SAMPLE ID ——>	2660.3					
	ID FROM REPORT ——>	EES0203					
	SAMPLE DATE ——>						
	DATE EXTRACTED ——>	04/16/94					
	DATE ANALYZED ——>	03/03/94					
	MATRIX ——>	Soil					
	UNITS ——>	UG/KG					
Method	Parameter	CT512	VAL				
PEST	4,4'-DDD	3.9	U				
PEST	4,4'-DDE	3.9	U				
PEST	4,4'-DDT	3.9	U				
PEST	Aldrin	2.	U				
PEST	Aroclor-1016	39.	U				
PEST	Aroclor-1221	79.	U				
PEST	Aroclor-1232	39.	U				
PEST	Aroclor-1242	39.	U				
PEST	Aroclor-1248	39.	U				
PEST	Aroclor-1254	39.	U				
PEST	Aroclor-1260	39.	U				
PEST	Dieldrin	3.9	U				
PEST	Endosulfan I	2.	U				
PEST	Endosulfan II	3.9	U				
PEST	Endosulfan sulfate	3.9	U				
PEST	Endrin	3.9	U				
PEST	Endrin aldehyde	3.9	U				
PEST	Endrin ketone	3.9	U				
PEST	Heptachlor	2.	U				
PEST	Heptachlor epoxide	2.	U				
PEST	Methoxychlor	20.	U				
PEST	Toxaphene	200.	U				
PEST	alpha-BHC	2.	U				
PEST	alpha-Chlordane	2.	U				
PEST	beta-BHC	2.	U				
PEST	delta-BHC	2.	U				
PEST	gamma-BHC (Lindane)	2.	U				
PEST	gamma-Chlordane	2.	U				
PEST	Endrin aldehyde	NR					

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>	OEE-s-0002-03
ORIGINAL ID ——>	EES0203
LAB SAMPLE ID ——>	2660.3
ID FROM REPORT ——>	EES0203
SAMPLE DATE ——>	
DATE EXTRACTED ——>	02/16/94
DATE ANALYZED ——>	03/07/94
MATRIX ——>	Soil
UNITS ——>	ug/Kg

Method	Parameter	CT512	VAL
SVOA	1,2,4-Trichlorobenzene	390.	U
SVOA	1,2-Dichlorobenzene	390.	U
SVOA	1,3-Dichlorobenzene	390.	U
SVOA	1,4-Dichlorobenzene	390.	U
SVOA	2,4,5-Trichlorophenol	950.	U
SVOA	2,4,6-Trichlorophenol	390.	U
SVOA	2,4-Dichlorophenol	390.	U
SVOA	2,4-Dimethylphenol	390.	U
SVOA	2,4-Dinitrophenol	950.	U
SVOA	2,4-Dinitrotoluene	390.	U
SVOA	2,6-Dinitrotoluene	390.	U
SVOA	2-Chloronaphthalene	390.	U
SVOA	2-Chlorophenol	390.	U
SVOA	2-Methylnaphthalene	390.	U
SVOA	2-Methylphenol (o-Cresol)	390.	U
SVOA	2-Nitroaniline	950.	U
SVOA	2-Nitrophenol	390.	U
SVOA	3,3'-Dichlorobenzidine	390.	U
SVOA	3-Nitroaniline	950.	U
SVOA	4,6-Dinitro-2-methylphenol	950.	U
SVOA	4-Bromophenyl-phenylether	390.	U
SVOA	4-Chloro-3-methylphenol	390.	U
SVOA	4-Chloroaniline	390.	U
SVOA	4-Chlorophenyl-phenylether	390.	U
SVOA	4-Methylphenol (p-Cresol)	390.	U
SVOA	4-Nitroaniline	950.	U
SVOA	4-Nitrophenol	950.	U
SVOA	Acenaphthene	390.	U
SVOA	Acenaphthylene	390.	U
SVOA	Anthracene	390.	U
SVOA	Benzo(a)anthracene	390.	U
SVOA	Benzo(a)pyrene	390.	U
SVOA	Benzo(b)fluoranthene	390.	U
SVOA	Benzo(g,h,i)perylene	390.	U
SVOA	Benzo(k)fluoranthene	390.	U
SVOA	Butylbenzylphthalate	390.	U

*** Validation Complete ***

SAMPLE ID →	OEE-S-0002-03
ORIGINAL ID →	EES0203
LAB SAMPLE ID →	2660.3
ID FROM REPORT →	EES0203
SAMPLE DATE →	
DATE EXTRACTED →	02/16/94
DATE ANALYZED →	03/07/94
MATRIX →	soil
UNITS →	ug/Kg

Method	Parameter	CT512	VAL
SVOA	Carbazole	390.	U
SVOA	Chrysene	390.	U
SVOA	Di-n-butylphthalate	390.	U
SVOA	Di-n-octylphthalate	390.	U
SVOA	Dibenzo(a,h)anthracene	390.	U
SWA	Dibenzofuran	390.	U
SVOA	Diethylphthalate	390.	U
SVOA	Dimethylphthalate	390.	U
SVOA	Fluoranthene	390.	U
SVOA	Fluorene	390.	U
SVOA	Hexachlorobenzene	390.	U
SVOA	Hexachlorobutadiene	390.	U
SVOA	Hexachlorocyclopentadiene	390.	U
SVOA	Hexachloroethane	390.	U
SVOA	Indeno(1,2,3-cd)pyrene	390.	U
SVOA	Isophorone	390.	U
SVOA	N-Nitroso-di-n-propylamine	390.	U
SVOA	N-Nitrosodiphenylamine	390.	U
SVOA	Naphthalene	390.	U
SVOA	Nitrobenzene	390.	U
SVOA	Pentachlorophenol	950.	U
SVOA	Phenanthrene	390.	U
SVOA	Phenol	390.	U
SVOA	Pyrene	390.	U
SVOA	bis(2-Chloroethoxy)methane	390.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U
SVOA	bis(2-Chloroethyl)ether	390.	U
SVOA	2,2'-oxybis(1-Chloropropane)	390.	U

PENSACOIA, SITE 29
PENSACOIA, SITE 29 - PHASE I DATA

SAMPLE ID ——>	OEE-S-0002-03
ORIGINAL ID ——>	EE90203
LAB SAMPLE ID —>	2660.3
ID FROM REPORT —>	EE90203
SAMPLE DATE ——>	02/14/94
DATE EXTRACTED —>	
DATE ANALYZED —>	
MATRIX ——>	Soil
UNITS ——>	UG/KG

Method	Parameter	CT512	VAL
VOA	1,1,1-Trichloroethane	12.	U
VOA	1,1,2,2-Tetrachloroethane	12.	U
VOA	1,1,2-Trichloroethane	12.	U
VOA	1,1-Dichloroethane	12.	U
VOA	1,1-Dichloroethene	12.	U
VOA	1,2-Dichloroethane	12.	U
VOA	1,2-Dichloroethene (total)	12.	U
VOA	1,2-Dichloropropane	12.	U
VOA	2-Butanone (MEK)	12.	U
VOA	2-Hexanone	12.	U
VOA	4-Methyl-2-Pentanone (MIBK)	12.	U
VOA	Acetone	14.	U
VOA	Benzene	12.	U
VOA	Bromodichloromethane	12.	U
VOA	Bromoform	12.	U
VOA	Bromomethane	12.	U
VOA	Carbon disulfide	12.	U
VOA	Carbon tetrachloride	12.	U
VOA	Chlorobenzene	12.	U
VOA	Chloroethane	12.	U
VOA	Chloroform	12.	U
VOA	Chloromethane	12.	U
VOA	Dibromochloromethane	12.	U
VOA	Ethylbenzene	12.	U
VOA	Methylene chloride	12.	U
VOA	Styrene	12.	U
VOA	Tetrachloroethene	12.	U
VOA	Toluene	12.	U
VOA	Trichloroethene	12.	U
VOA	Vinyl chloride	12.	U
VOA	m+p-Xylenes	12.	U
VOA	cis-1,3-Dichloropropene	12.	U
VOA	trans-1,3-Dichloropropene	12.	U

+++ Validation Complete **+

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

SAMPLE ID →		029-S-0010-01		029-C-0010-01		029-S-0010-03		029-S-0011-01		029-S-0011-03		029-S-0012-01	
ORIGINAL ID →		29S1001		29S1001D		29S1003		29S1101		29S1103		29S1201	
LAB SAMPLE ID →		40379-1		40379-2		40379-3		40379-4		40379-5		40379-6	
ID FROM REPORT →		B52501		B52502		B52503		B52504		B52505		B52506	
SAMPLE DATE →													
DATE EXTRACTED →		05/26/94		05/26/94		05/26/94		05/26/94		05/26/94		05/26/94	
DATE ANALYZED →		05/28/94		05/28/94		05/28/94		05/28/94		05/28/94		05/29/94	
MATRIX →		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS →		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL
PEST	alpha-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	beta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	delta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	gamma-BHC (Lindane)	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	Heptachlor	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	Aldrin	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	Heptachlor epoxide	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	Endosulfan I	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	Dieldrin	9.1		9.6		2.3	J	10.		3.6	U	5.6	
PEST	4,4'-DDE	3.4	U	5.5	U	3.5	U	3.4	U	3.6	U	3.5	U
PEST	Endrin	3.4	U	3.5	U	3.5	U	3.4	U	3.6	U	3.5	U
PEST	Endosulfan II	3.4	U	3.5	U	3.5	U	3.4	U	3.6	U	3.5	U
PEST	4,4'-DDD	3.4	U	3.5	U	3.5	U	3.4	U	3.6	U	3.5	U
PEST	Endosulfan sulfate	3.4	U	3.5	U	3.5	U	3.4	U	3.6	U	3.5	U
PEST	4,4'-DDT	3.4	U	3.5	U	3.5	U	3.4	U	3.6	U	3.5	U
PEST	Methoxychlor	18.	U	18.	U	18.	U	18.	U	18.	U	18.	U
PEST	Endrin ketone	3.4	U	3.5	U	3.5	U	3.4	U	3.6	U	5.5	U
PEST	Endrin aldehyde	3.4	U	3.5	U	3.5	U	3.4	U	3.6	U	3.5	U
?EST	alpha-Chlordane	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	gamma-Chlordane	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
PEST	Toxaphene	180.	U	180.	U	180.	U	180.	U	180.	U	180.	U
PEST	Aroclor-1016	34.	U	35.	U	35.	U	34.	U	36.	U	35.	U
PEST	Aroclor-1221	70.	U	71.	U	10.	U	10.	U	73.	U	71.	U
PEST	Aroclor-1232	34.	U	35.	U	35.	U	34.	U	36.	U	35.	U
PEST	Aroclor-1242	34.	U	35.	U	35.	U	34.	U	36.	U	35.	U
PEST	Aroclor-1248	34.	U	3s.	U	35.	U	34.	U	36.	U	35.	U
PEST	Aroclor-1254	34.	U	35.	U	35.	U	34.	U	36.	U	35.	U
PEST	Aroclor-1260	34.	U	35.	U	35.	U	34.	U	36.	U	35.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

	SAMPLE ID ——>	029-S-0010-01		029-C-0010-01		029-S-0010-03		029-S-0011-01		029-S-0011-03		029-S-0012-01	
	ORIGINAL ID ——>	29S1001		29S1001D		29S1003		29S1101		29S1103		29S1201	
	LAB SAMPLE ID ——>	40379-1		40379-2		40379-3		40379-4		40379-5		40379-6	
	ID FROM REPORT ——>	B52501		B52502		B52503		B52504		B52505		B52506	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	05/27/94		05/27/94		05/27/94		05/27/94		05/27/94		05/27/94	
	DATE ANALYZED ——>	06/01/94		06/01/94		06/01/94		06/01/94		06/01/94		06/02/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL
SVOA	Phenol	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	bis(2-Chloroethyl)ether	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2-Chlorophenol	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	1,3-Dichlorobenzene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	1,4-Dichlorobenzene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	1,2-Dichlorobenzene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2-Methylphenol (o-Cresol)	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	4-Methylphenol (p-Cresol)	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	N-Nitroso-di-n-propylamine	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Hexachloroethane	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Nitrobenzene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Isophorone	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2-Nitrophenol	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2,4-Dimethylphenol	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	bis(2-Chloroethoxy)methane	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2,4-Dichlorophenol	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	1,2,4-Trichlorobenzene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Naphthalene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	4-Chloroaniline	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Hexachlorobutadiene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	4-Chloro-3-methylphenol	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2-Methylnaphthalene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Hexachlorocyclopentadiene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2,4,6-Trichlorophenol	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2,4,5-Trichlorophenol	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	2-Chloronaphthalene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2-Nitroaniline	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	Dimethylphthalate	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Acenaphthylene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2,6-Dinitrotoluene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	3-Nitroaniline	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	Acenaphthene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	2,4-Dinitrophenol	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	4-Nitrophenol	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	D[illegible]furan	340.	U	350.	[illegible]	350.	U	340.	U	360.	U	[illegible]350.	U

*** Validation Complete ***

	SAMPLE ID ——>	029-S-0010-01		029-C-0010-01		029-S-0010-03		029-S-0011-01		029-S-0011-03		029-S-0012-01	
	ORIGINAL ID ——>	29S1001		29S1001D		29S1003		29S1101		29S1103		29S1201	
	LAB SAMPLE ID ——>	40379-1		40379-2		40379-3		40379-4		40379-5		40379-6	
	ID FROM REPORT ——>	B52501		B52502		B52503		822504		B52505		B52506	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	05/27/94		05/27/94		05/27/94		05/27/94		05/27/94		05/27/94	
	DATE ANALYZED ——>	06/01/94		06/01/94		06/01/94		06/01/94		06/01/94		06/02/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL
SVOA	2,4-Dinitrotoluene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Diethylphthalate	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	4-Chloropheny1-phmyl ether	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	fluorene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	4-Nitroaniline	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	4,6-Dinitro-2-methylphenol	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	N-Nitrosodiphenylamine	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	4-Brorophmy l-pheny letbr	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Hexachlorobenzene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Pentachlorophenol	830.	U	840.	U	840.	U	820.	U	860.	U	840.	U
SVOA	Phenanthrene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Anthracene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Carbazole	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Di-n-butylphthalate	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Fluoranthene	340.	U	350.	U	350.	U	340.	U	360.	U	540.	
SVOA	Pyrene	340.	U	350.	U	350.	U	340.	U	360.	U	510.	
SVOA	Butylbenzylphthalate	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Benzo(a)anthracene	340.	U	350.	U	350.	U	340.	U	360.	U	120.	J
SVOA	Chrysene	340.	U	350.	U	350.	U	340.	U	360.	U	170.	J
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Di-n-octylphthalate	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Benzo(b)fluoranthene	340.	U	350.	U	350.	U	340.	U	360.	U	84.	J
SVOA	Benzo(k)fluoranthene	340.	U	350.	U	350.	U	340.	U	360.	U	W.	J
SVOA	Benzo(a)pyrene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Dibenzo(a,h)anthracene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U
SVOA	Benzo(g,h,i)perylene	340.	U	350.	U	350.	U	340.	U	360.	U	350.	U

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

	SAMPLE ID ——>	D29-S-0012-03		D29-S-0013-01		D29-S-0013-01 DL		D29-S-0013-03	
	ORIGINAL ID ——>	C9S1203		29S1301		29S1301DL		29S1303	
	LAB SAMPLE ID ——>	40379-7		40379-8		40379-8DL		40379-9	
	ID FROM REPORT ——>	B52507		B52508		B52508DL		B52509	
	SAMPLE DATE ——>								
	DATE EXTRACTED ——>	05/26/94		05/26/94		05/26/94		05/26/94	
	DATE ANALYZED ——>	05/29/94		05/29/94		05/30/94		05/29/94	
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL
PEST	alpha-BHC	1.8	U	1.8	U	NR		1.8	U
PEST	beta-BHC	1.8	U	1.8	U	m		1.8	U
PEST	delta-BHC	1.8	U	1.8	U	NR		1.8	U
PEST	gamma-BHC (Lindane)	1.8	U	1.8	U	NR		1.8	U
PEST	Heptachlor	1.8	U	1.8	U	NR		1.8	U
PEST	Aldrin	1.8	U	1.8	U	NR		1.8	U
PEST	Heptachlor epoxide	1.8	U	1.8	U	NR		1.8	U
PEST	Endosulfan I	1.8	U	1.8	U	NR		1.8	U
PEST	Dieldrin	3.5	U	130.	J	NR		8.4	
PEST	4,4'-DDE	3.5	U	12.		NR		1.9	J
PEST	Endrin	3.5	U	3.5	U	NR		3.5	U
PEST	Endosulfan II	3.5	U	3.5	U	NR		3.s	U
PEST	4,4'-DDD	3.5	U	3.5	U	NR		3.5	U
PEST	Endosulfan sulfate	3.5	U	3.5	U	1111		3.1	U
PEST	4,4'-DDT	3.5	U	12.		NR		4.5	
PEST	Methoxychlor	18.	U	18.	U	1111		18.	U
PEST	Endrin ketone	3.5	U	3.5	U	NR		3.5	U
PEST	Endrin aldehyde	3.5	U	3.5	U	m		3.5	U
PEST	alpha-Chlordane	1.8	U	1.8	U	m		1.8	U
PEST	gamma-Chlordane	1.8	U	1.8	U	NR		1.8	U
PEST	Toxaphene	180.	U	180.	U	NR		180.	U
PEST	Aroclor-1016	35.	U	35.	U	NR		35.	U
PEST	Aroclor-1221	71.	U	70.	U	NR		72.	U
PEST	Aroclor-1232	35.	U	35.	U	NR		3s.	U
PEST	Aroclor-1242	35.	U	35.	U	NR		35.	U
PEST	Aroclor-1248	35.	U	35.	U	NR		35.	U
PEST	Aroclor-1254	35.	U	35.	U	NR		3s.	U
PEST	Aroclor-1260	35.	U	35.	U	NR		35.	U

+** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

	SAMPLE ID ——>	029-S-0012-03		029-S-0013-01		029-S-0013-03				
	ORIGINAL ID ——>	C9S1203		29S1301		29S1303				
	LAB SAMPLE ID ——>	40379-7		40379-8		40379-9				
	ID FROM REPORT ——>	B52507		B52508		B52509				
	SAMPLE DATE ——>									
	DATE EXTRACTED ——>	05/27/94		05/27/94		05/27/94				
	DATE ANALYZED ——>	06/01/94		06/02/94		06/02/94				
	MATRIX ——>	Soil		Soil		Soil				
	UNITS ——>	UG/KG		UG/KG		UG/KG				
Method	Parameter	CT525	VAL	CT525	VAL	CT525	VAL			
SVOA	Phenol	350.	U	350.	U	350.	U			
SVOA	bis(2-Chloroethyl)ether	350.	U	350.	U	350.	U			
SVOA	2-Chlorophenol	350.	U	350.	U	350.	U			
SVOA	1,3-Dichlorobenzene	350.	U	350.	U	350.	U			
SVOA	1,4-Dichlorobenzene	350.	U	320.	U	350.	U			
SVOA	1,2-Dichlorobenzene	350.	U	350.	U	350.	U			
SVOA	2-Methylphenol (o-Cresol)	350.	U	350.	U	350.	U			
SVOA	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	350.	U			
SVOA	4-Methylphenol (p-Cresol)	350.	U	350.	U	350.	U			
SVOA	N-Nitroso-di-n-propylamine	350.	U	350.	U	350.	U			
SVOA	Hexachloroethane	350.	U	350.	U	350.	U			
SVOA	Nitrobenzene	350.	U	350.	U	350.	U			
SVOA	Isophorone	350.	U	320.	U	350.	U			
SVOA	2-Nitrophenol	350.	U	350.	U	350.	U			
SVOA	2,4-Dimethylphenol	350.	U	350.	U	350.	U			
SVOA	bis(2-Chloroethoxy)methane	350.	U	350.	U	350.	U			
SVOA	2,4-Dichlorophenol	350.	U	350.	U	350.	U			
SVOA	1,2,4-Trichlorobenzene	350.	U	350.	U	350.	U			
SVOA	Naphthalene	350.	U	350.	U	350.	U			
SVOA	4-Chloroaniline	350.	U	350.	U	350.	U			
SVOA	Hexachlorobutadiene	350.	U	350.	U	350.	U			
SVOA	4-Chloro-3-methylphenol	350.	U	350.	U	350.	U			
SVOA	2-Methylnaphthalene	350.	U	350.	U	350.	U			
SVOA	Hexachlorocyclopentadiene	3%.	U	350.	U	350.	U			
SVOA	2,4,6-Trichlorophenol	350.	U	350.	U	350.	U			
SVOA	2,4,5-Trichlorophenol	840.	U	840.	U	850.	U			
SVOA	2-Chloronaphthalene	350.	U	350.	U	3ML	U			
SVOA	2-Nitroaniline	840.	U	840.	U	850.	U			
SVOA	Dimethylphthalate	350.	U	350.	U	350.	U			
SVOA	Acenaphthylene	3%.	U	350.	U	350.	U			
SVOA	2,6-Dinitrotoluene	350.	U	350.	U	350.	U			
SVOA	3-Nitroanilim	840.	U	840.	U	850.	U			
SVOA	Acenaphthene	350.	U	350.	U	350.	U			
SVOA	2,4-Dinitrophenol	840.	U	840.	U	850.	U			
SVOA	4-Nitrophenol	840.	U	840.	U	850.	U			
SVOA	Dibenzofuran	350.	U	350.	U	350.	U			

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

SAMPLE ID ——>	029-S-0012-03			029-S-0013-03			
ORIGINAL ID ——>	C9S1203			29S1303			
LAB SAMPLE ID ——>	40379-7			40379-9			
ID FROM REPORT ——>	B52507			B52509			
SAMPLE DATE ——>							
DATE EXTRACTED ——>	05/27/94			05/27/94			
DATE ANALYZED ——>	06/01/94			06/02/94			
MATRIX ——>	Soil			Soil			
UNITS ——>	UG/KG			UG/KG			
Method / Parameter	CT525	VAL	CT525	VAL	CT525	VAL	
[redacted] 2,4-Dinitrotoluene	350.	U	350.	U	350.	U	
[redacted] Diethylphthalate	350.	U	350.	U	350.	U	
SVOA 4-Chlorophenyl-phenylether	350.	U	350.	U	350.	U	
[redacted] Fluorene	350.	U	350.	U	350.	U	
[redacted] 4-Nitroaniline	840.	U	840.	U	850.	U	
[redacted] 4,6-Dinitro-2-methylphenol	840.	U	840.	U	850.	U	
[redacted] N-Nitrosodiphenylamine	350.	U	350.	U	350.	U	
[redacted] 4-Bromophenyl-phenylether	350.	U	350.	U	350.	U	
[redacted] Hexachlorobenzene	350.	U	350.	U	350.	U	
SVOA Pentachlorophenol	840.	U	840.	U	850.	U	
[redacted] Phenanthrene	350.	U	350.	U	350.	U	
[redacted] Anthracene	350.	U	350.	U	350.	U	
[redacted] Carbazole	350.	U	350.	U	350.	U	
SVOA Di-n-butylphthalate	350.	U	350.	U	350.	U	
[redacted] Fluoranthene	350.	U	350.	U	350.	U	
[redacted] Pyrene	350.	U	350.	U	350.	U	
[redacted] Butylbenzylphthalate	350.	U	350.	U	350.	U	
SVOA 3,3'-Dichlorobenzidine	350.	U	350.	U	350.	U	
SVOA Benzo(a)anthracene	350.	U	350.	U	350.	U	
SVOA Chrysene	350.	U	350.	U	350.	U	
[redacted] bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	350.	U	350.	U	
SVOA Di-n-octylphthalate	350.	U	350.	U	350.	U	
[redacted] Benzo(b)fluoranthene	350.	U	350.	U	350.	U	
[redacted] Benzo(k)fluoranthene	350.	U	350.	U	350.	U	
SVOA Benzo(a)pyrene	350.	U	350.	U	350.	U	
[redacted] Indeno(1,2,3-cd)pyrene	350.	U	350.	U	350.	U	
SVOA Dibenzo(a,h)anthracene	350.	U	350.	U	350.	U	
[redacted] Benzo(g,h,i)perylene	350.	U	350.	U	350.	U	

Site 34

Soil Analytical Data

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-S-0001-01		034-H-0001-01 D		034-S-0001-03		034-S-0001-05		034-S-0001-07		034-S-0001-09	
	ORIGINAL ID ——>	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	LAB SAMPLE ID ——>	39234-014		39234-015		39234-016		39234-017		39234-018		39234-019	
	ID FROM REPORT ——>	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	SAMPLE DATE ——>	02/07/94		02/07/94		02/07/94		02/07/94		32/07/94		02/07/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>												
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		soil	
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG			
Method	Parameter		NV		NV		NV		NV		NV		NV
METAL	Aluminum	563.		487.		614.		559.		399.		327.	
METAL	Antimony	3.2	UJ	2.8	UJ	2.5	UJ	3.1	UJ	2.6	UJ	2.9	UJ
METAL	Arsenic	0.6	U	0.52	U	0.46	U	0.58	U	0.48	U	0.54	U
METAL	Barium	1.1	U	1.	U	2.3	U	1.	U	0.72	U	1.2	U
METAL	Beryllium	0.08	U	0.07	U	0.06	U	0.08	U	0.07	U	0.07	U
METAL	Cadmium	0.43	U	0.38	U	0.34	U	0.42	U	0.35	U	0.39	U
METAL	Calcium	133.	U	136.	U	3260.		72.7	U	87.	U	141.	U
METAL	Chromium	1.	U	1.	U	1.1	U	1.8	U	2.8	U	5.4	U
METAL	Cobalt	0.87	U	1.3		0.51	U	0.64	U	0.53	U	0.6	U
METAL	Copper	0.54	U	0.47	U	0.42	U	0.52	U	0.43	U	0.49	U
METAL	Cyanide	0.09	U	0.09	U	0.1	U	0.09	U	0.08	U	0.1	U
METAL	Iron	388.		361.		506.		428.		204.		207.	
METAL	Lead	0.88		1.2	U	689.		1.8		1.6	U	89.	
RTAL	Magnesium	12.4	U	11.1	U	75.7	U	16.2	U	9.9	U	13.	U
METAL	Manganese	10.		7.8	U	14.		1.6	U	1.4	U	5.	U
METAL	Mercury	0.04	U	0.04	U	0.04	U	0.04	U	0.01	U	0.08	U
METAL	Nickel	2.1	U	1.9	U	1.7	U	2.1	U	1.7	U	1.9	U
METAL	Potassium	134.	U	117.	U	lob.	U	129.	U	108.	U	121.	U
METAL	Selenium	0.35	U	0.31	U	0.27	U	0.34	U	0.28	U	0.32	U
RTAL	Silver	0.74	U	0.65	U	0.58	U	0.72	U	0.6	U	0.67	U
METAL	Sodium	10.1	U	11.7	U	11.6	U	13.3	U	9.2	U	10.7	U
METAL	Thallium	0.58	U	0.51	U	0.45	U	0.56	U	0.46	U	0.52	U
METAL	Vanadium	1.2	U	0.97	U	1.	U	0.84	U	0.67	U	0.83	U
METAL	Zinc	1.4	U	1.5	U	3.7		1.1	U	1.3	U	1.8	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-S-0001-01		034-H-0001-01 D		034-S-0001-03		034-S-0001-05		034-S-0001-07		034-S-0001-09	
	ORIGINAL ID ——>	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	LAB SAMPLE ID ——>	39234-1		39234-2		39234-3		39234-4		39234-5		39234-6	
	ID FROM REPORT ——>	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	SAMPLE DATE ——>	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/12/94		02/12/94		02/12/94		02/12/04		02/12/94		02/12/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT507	NV	C W	NV	CT507	W	CT507	NV	CT507	NV	CT507	NV
PEST	4,4'-DDD	3.5	U	3.5	U	3.5	U	3.5	U	3.4	U	3.8	U
PEST	4,4'-DDE	3.5	U	3.5	U	s.5	U	3.5	U	3.4	U	3.8	U
PEST	4,4'-DDT	3.5	U	3.5	U	3.5	U	s.5	U	3.4	U	3.8	U
PEST	Aldrin	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2.	U
PEST	Aroclor-1016	35.	U	35.	U	35.	U	35.	U	34.	U	38.	U
PEST	Aroclor-1221	71.	U	71.	U	71.	U	72.	U	to.	U	78.	U
PEST	Aroclor-1232	35.	U	35.	U	35.	U	35.	U	34.	U	38.	U
EST	Aroclor-1242	35.	U	35.	U	35.	U	35.	U	34.	U	38.	U
PEST	Aroclor-1248	35.	U	35.	U	35.	U	35.	U	34.	U	38.	U
PEST	Aroclor-1254	35.	U	35.	U	35.	U	15.	U	34.	U	38.	U
PEST	Aroclor-1260	35.	U	35.	U	35.	U	35.	U	34.	U	38.	U
PEST	Dieldrin	3.5	U	3.5	U	3.5	U	3.5	U	3.4	U	5.6	
PEST	Endosulfan I	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2.	U
PEST	Endosulfan II	3.5	U	3.5	U	3.5	U	3.5	U	1.4	U	3.8	U
PEST	Endosulfan sulfate	3.5	U	3.5	U	3.5	U	3.5	U	3.4	U	3.8	U
PEST	Endrin	3.5	U	3.5	U	3.5	U	3.5	U	3.4	U	5.8	U
PEST	Endrin aldehyde	3.5	U	s.5	U	3.5	U	3.5	U	5.4	U	3.8	U
PEST	Endrin ketone	3.5	U	3.5	U	3.5	U	3.5	U	1.4	U	5.8	U
PEST	Heptachlor	1.	J	1.2	J	1.8	U	1.8	U	1.6	J	2.2	J
PEST	Heptachlor epoxide	2.4		2.6		1.2	J	1.8	U	1.1	J	1.1	J
PEST	Methoxychlor	18.	U	18.	U	18.	U	18.	U	18.	U	20.	U
PEST	Toxaphene	180.	U	180.	U	180.	U	180.	U	180.	U	200.	U
PEST		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2.	U
PEST	alpha-Chlordane	1.8	U	1.8	U	1.2	J	1.8	U	1.8	U	2.2	
PEST	beta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2.	U
PEST	delta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2.	U
PEST	gamma-BHC (Lindane)	1.8	U	1.8	U	1.8	U	1.8	U	1.1	U	2.	U
PEST	gamma-Chlordane	3.2		3.6		5.1		1.8	U	1.8	U	11.	

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID	034-S-0001-01		034-H-0001-01 D		034-S-0001-03		034-S-0001-05		034-S-0001-07		034-S-0001-09	
	ORIGINAL ID	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	LAB SAMPLE ID	39234-1		39234-2		39234-3		39234-4		39234-5		39234-6	
	ID FROM REPORT	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	SAMPLE DATE	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	DATE EXTRACTED												
	DATE ANALYZED	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV
WAS	1,2,4-Trichlorobenzene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
VOAS	1,2-Dichlorobenzene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	1,3-Dichlorobenzene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	1,4-Dichlorobenzene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	2,4,5-Trichlorophenol	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
WAS	2,4,6-Trichlorophenol	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
VOAS	2,4-Dichlorophenol	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
VOAS	2,4-Dimethylphenol	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	2,4-Dinitrophenol	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
VOAS	2,4-Dinitrotoluene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
VOAS	2,6-Dinitrotoluene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	2-Chloronaphthalene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	2-Chlorophenol	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	2-Methylnaphthalene	350.	U	350.	U	340.	U	350.	U	340.	U	460.	
WAS	2-Methylphenol (o-Cresol)	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	2-Nitroaniline	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
SVOA	2-Nitrophenol	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	3,3'-Dichlorobenzidine	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	3-Nitroaniline	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
SVOA	4,6-Dinitro-2-methylphenol	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
WAS	4-Bromophenyl-phenylether	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	4-Chloro-3-methylphenol	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
WAS	4-Chloroaniline	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
WAS	4-Chlorophenyl-phenylether	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	4-Methylphenol (p-Cresol)	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	4-Nitroaniline	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
WAS	4-Nitrophenol	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
WAS	Acenaphthene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	Acenaphthylene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	Anthracene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	Benzo(a)anthracene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	Benzo(a)pyrene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	Benzo(b)fluoranthene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
WAS	Benzo(g,h,i)perylene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
WAS	Benzo(k)fluoranthene	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U
SVOA	Butylbenzylphthalate	350.	U	350.	U	330.	U	350.	U	340.	U	380.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-S-0001-01		034-H-0001-01 D		034-S-0001-03		034-S-0001-05		034-S-0001-07		034-S-0001-09	
	ORIGINAL ID ——>	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	LAB SAMPLE ID ——>	39234-1		39234-2		39234-3		39234-4		39234-5		39234-6	
	ID FROM REPORT ——>	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	SAMPLE DATE ——>	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT507	NV	CW	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV
SVOA	Carbazole	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Chrysene	3%	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Di-n-butylphthalate	350.	U	350.	U	340.	U	3%.	U	340.	U	380.	U
SVOA	Di-n-octylphthalate	3%.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Dibenzo(a,h)anthracene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Dibenzofuran	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Diethylphthalate	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Dimethylphthalate	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Fluoranthene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Fluorene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Hexachlorobenzene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Hexachlorobutadiene	3%	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Hexachlorocyclopentadiene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Hexachloroethane	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Indeno(1,2,3-cd)pyrene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Isophorone	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	N-Nitroso-di-n-propylamine	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	N-Nitrosodiphenylamine	3%	U	3%.	U	340.	U	3%.	U	340.	U	380.	U
SVOA	Naphthalene	350.	U	350.	U	340.	U	350.	U	340.	U	170.	J
SVOA	Nitrobenzene	3%.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Pentachlorophenol	840.	U	840.	U	830.	U	850.	U	830.	U	920.	U
SVOA	Phenanthrene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Phenol	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	Pyrene	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	bis(2-Chloroethoxy)methane	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	bis(2-Chloroethyl)ether	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U
SVOA	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	340.	U	350.	U	340.	U	380.	U

	SAMPLE ID	034-S-0001-01		034-H-0001-01 D		034-S-0001-03		034-S-0001-05		034-S-0001-07		034-S-0001-09	
	ORIGINAL ID	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	LAB SAMPLE ID	39234-27		39234-28		39234-29		39234-30		39234-31		39234-32	
	ID FROM REPORT	34S0101		34S0101D		34S0103		34S0105		34S0107		34S0109	
	SAMPLE DATE	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	DATE EXTRACTED												
	DATE ANALYZED	02/09/94		02/09/94		02/09/94		02/09/94		02/09/94		02/10/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV	C W	NV
VOA	1,1,1-Trichloroethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	1,1,2-Trichloroethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	1,1-Dichloroethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	1,1-Dichloroethene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	1,2-Dichloroethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	1,2-Dichloroethene (total)	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	1,2-Dichloropropane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	2-Butanone (MEK)	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	2-Hexanone	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	4-Methyl-2-Pent (MIBK)	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Acetone	10.	U	11.	U	26.	U	120.	U	10.	U	1200.	U
VOA	Benzene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Bromodichloromethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Bromoform	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Bromomethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Carbon disulfide	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Carbon tetrachloride	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Chlorobenzene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Chloroethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Chloroform	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Chloromethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Dibromochloromethane	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Ethylbenzene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Methylene chloride	8.	U	7.	U	7.	U	7.	U	8.	U	650.	U
VOA	Styrene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Tetrachloroethene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Toluene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Trichloroethene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	Vinyl chloride	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	m+p-Xylenes	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	cis-1,3-Dichloropropene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U
VOA	trans-1,3-Dichloropropene	10.	U	11.	U	11.	U	11.	U	10.	U	1200.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-S-0002-01		034-S-0002-03		034-C-0002-03 D		034-S-0002-05		034-S-0002-06		034-S-0003-01	
	ORIGINAL ID ——>	34S0201		34S0203		34S0230		34S0205		34S0206		34S0301	
	LAB SAMPLE ID ——>	39234-020		39234-021		39234-022		39234-023		39234-024		39234-025	
	ID FROM REPORT ——>	34S0201		34S0203		34S0230		34S0205		34S0206		34S0301	
	SAMPLE DATE ——>	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>												
	MATRIX ——>	Soil		soil		sol1		Soil		Soil		Soil	
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
Method	Parameter		NV		NV		NV		NV		NV		NV
METAL	Aluminum	3%.		948.		1030.		163.		51.		1190.	
METAL	Antimony	2.6	UJ	2.7	UJ	2.7	UJ	2.5	UJ	2.5	UJ	3.3	UJ
METAL	Arsenic	0.46	U	0.5	U	0.51	U	0.46	U	0.46	U	0.61	U
MTAL	Barium	0.64	U	2.4	U	2.1	U	0.54	U	0.38	U	2.4	U
MTAL	Beryllium	0.07	U	0.07	U	0.07	U	0.06	U	0.06	U	0.08	U
METAL	Cadmium	0.35	U	0.36	U	0.37	U	0.33	U	0.33	U	0.44	U
MTAL	Calcium	39.3	U	168.	U	120.	U	33.2	U	25.5	U	140.	U
MTAL	Chromium	1.2	U	3.		3.1		5.8		1.6	U	8.4	U
METAL	Cobalt	0.53	U	0.55	U	0.56	U	0.5	U	0.51	U	0.8	U
METAL	Copper	0.43	U	0.44	U	0.46	U	0.41	U	0.41	U	0.54	U
MTAL	Cyanide	0.1	U	0.09	U	0.09	U	0.07	U	0.1	U	0.11	U
METAL	Iron	241.		650.		742.		152.		52.5		974.	
METAL	Lead	0.47	U	1.6	U	1.6		0.35	U	0.37	U	6.	
METAL	Magnesium	12.2	U	15.4	U	18.8	U	1.2	U	5.1	U	18.7	U
METAL	Manganese	1.8	U	17.1		10.6		2.4	U	0.95	U	31.8	
METAL	Mercury	0.03	U	0.08		0.03	U	0.04	U	0.15	U	0.04	U
METAL	Nickel	1.7	U	1.8	U	1.8	U	1.6	U	1.7	U	2.2	U
METAL	Potassium	108.	U	111.	U	114.	U	102.	U	103.	U	136.	U
MTAL	Selenium	0.28	U	0.29	U	0.3	U	0.27	U	0.27	U	0.36	U
METAL	Silver	0.6	U	0.62	U	0.63	U	0.57	U	0.57	U	0.75	U
METAL	Sodium	16.4	U	13.1	U	17.6	U	5.9	U	3.8	U	7.	U
MTAL	Thallium	0.46	U	0.48	U	0.49	U	0.44	U	0.45	U	0.58	U
METAL	Vanadium	0.55	U	2.	U	1.9	U	0.52	U	0.53	U	3.4	U
METAL	Zinc	1.	U	1.8	U	1.7	U	0.96	U	0.89	U	12.9	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

SAMPLE ID ——>	034-S-0002-01	034-S-0002-03	034-C-0002-00 D	034-S-0002-05	034-S-0002-06	034-S-0003-01
ORIGINAL ID ——>	34S0201	34S0203	34S0203D	34S0205	34S0206	34S0301
LAB SAMPLE ID ——>	39234-7	39234-8	39234-9	39234-10	39234-11	39234-12
ID FROM REPORT ——>	34S0201	34S0203	34S0203D	34S0205	34S0206	34S0301
SAMPLE DATE ——>	02/07/94	02/07/94	02/07/94	02/07/94	02/07/94	02/07/94
DATE EXTRACTED ——>						
DATE ANALYZED ——>	02/12/94	02/12/94	02/12/94	02/12/94	02/12/94	02/12/94
MATRIX ——>	Soil	Soil	Soil	Soil	Soil	Soil
UNITS ——>	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

Method	Parameter	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV
PEST	4,4'-DDD	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	4,4'-DDE	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	4,4'-DDT	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	Aldrin	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
PEST	Aroclor-1016	34.	U	36.	U	36.	U	35.	U	36.	U	36.	U
PEST	Aroclor-1221	70.	U	74.	U	73.	U	71.	U	73.	U	74.	U
PEST	Aroclor-1232	34.	U	36.	U	36.	U	35.	U	36.	U	36.	U
PEST	Aroclor-1242	34.	U	36.	U	36.	U	35.	U	36.	U	36.	U
PEST	Aroclor-1248	34.	U	36.	U	36.	U	35.	U	36.	U	36.	U
PEST	Aroclor-1254	34.	U	36.	U	36.	U	35.	U	36.	U	36.	U
PEST	Aroclor-1260	34.	U	36.	U	36.	U	35.	U	36.	U	36.	U
PEST	Dieldrin	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	4.1	
PEST	Endosulfan I	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
PEST	Endosulfan II	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	Endosulfan sulfate	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	Endrin	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	Endrin aldehyde	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	Endrin ketone	3.4	U	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U
PEST	Heptachlor	1.8	U	2.7	J	1.8	U	1.8	U	2.	J	2.	J
PEST	Heptachlor epoxide	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
PEST	Methoxychlor	18.	U	19.	U	18.	U	18.	U	18.	U	19.	U
PEST	Toxaphene	180.	U	190.	U	180.	U	180.	U	180.	U	190.	U
PEST	alpha-BHC	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
PEST	alpha-Chlordane	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	7.6	
PEST	beta-BHC	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
PEST	delta-BHC	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
PEST	gamma-BHC (Lindane)	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	1.9	U
PEST	gamma-Chlordane	1.8	U	1.9	U	1.8	U	1.8	U	1.8	U	5.5	

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-S-0002-01		034-S-0002-03		034-C-0002-00 D		034-S-0002-05		034-S-0002-00		034-S-0003-01	
	ORIGINAL ID ——>	3490201		3490203		3490203D		3490205		3490206		3490301	
	LAB SAMPLE ID ——>	39234-7		39234-8		39234-9		39234-10		39234-11		39234-12	
	ID FROM REPORT ——>	3490201		3490203		3490203D		3490205		3490206		3490301	
	SAMPLE DATE ——>	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV	[illegible]	NV
SVOA	1,2,4-Trichlorobenzene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	1,2-Dichlorobenzene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	1,3-Dichlorobenzene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	1,4-Dichlorobenzene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2,4,5-Trichlorophenol	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	2,4,6-Trichlorophenol	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2,4-Dichlorophenol	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2,4-Dimethylphenol	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2,4-Dinitrophenol	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	2,4-Dinitrotoluene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2,6-Dinitrotoluene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2-Chloronaphthalene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2-Chlorophenol	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2-Methylnaphthalene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2-Methylphenol (o-Cresol)	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2-Nitroaniline	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	2-Nitrophenol	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	3-Nitroaniline	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	4,6-Dinitro-2-methylphenol	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	4-Bromophenyl-phenylether	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	4-Chloro-3-methylphenol	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	4-Chloroaniline	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	4-Chlorophenyl-phenylether	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	4-Methylphenol (p-Cresol)	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	4-Nitroaniline	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	4-Nitrophenol	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	Acenaphthene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Acenaphthylene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Anthracene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Benzo(a)anthracene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Benzo(a)pyrene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Benzo(b)fluoranthene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Benzo(g,h,i)perylene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Benzo(k)fluoranthene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	B[illegible]nzylphthalate	340.	U	360.	[illegible]	350.	U	350.	U	350.	U	[illegible]50.	U

	SAMPLE ID ——>	034-S-0002-01		034-S-0002-03		034-C-0002-03 D		034-S-0002-05		034-S-0002-06		034-S-0003-01	
	ORIGINAL ID ——>	34S0201		34S0203		34S0203D		34S0205		34S0206		34S0301	
	LAB SAMPLE ID —>	39234-7		39234-8		39234-9		39234-10		39234-11		39234-12	
	ID FROM REPORT —>	34S0201		34S0203		34S0203D		34S0205		34S0206		34S0301	
	SAMPLE DATE ——>	02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
	DATE EXTRACTED —>												
	DATE ANALYZED —>	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV	CT507	NV
SVOA	Carbazole	340.	U	360.	U	350.	U	3%.	U	350.	U	350.	U
SVOA	Chrysene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Di-n-butylphthalate	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Di-n-octylphthalate	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Dibenzo(a,h)anthracene	340.	U	360.	U	350.	U	3%.	U	350.	U	350.	U
SVOA	Dibenzofuran	340.	U	360.	U	350.	U	3%.	U	350.	U	350.	U
SVOA	Diethylphthalate	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Dimethylphthalate	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Fluoranthene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	fluorene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Hexachlorobenzene	340.	U	360.	U	350.	U	3%.	U	350.	U	350.	U
SVOA	Hexachlorobutadiene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Hexachlorocyclopentadiene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Hexachloroethane	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Isophorone	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	N-Nitroso-di-n-propylamine	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	N-Nitrosodiphenylamine	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Naphthalene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Nitrobenzene	340.	U	360.	U	350.	U	550.	U	350.	U	350.	U
SVOA	Pentachlorophenol	820.	U	880.	U	850.	U	850.	U	850.	U	860.	U
SVOA	Phenanthrene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Phenol	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	Pyrene	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	bis(2-Chloroethoxy)methane	340.	U	360.	U	350.	U	350.	U	350.	U	3%.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	bis(2-Chloroethyl)ether	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	360.	U	350.	U	350.	U	350.	U	350.	U

SAMPLE ID ——>		034-S-0002-01		034-S-0002-03		034-C-0002-03 D		034-S-0002-05		034-S-0002-06		034-S-0003-01	
ORIGINAL ID ——>		34S0201		34S0203		34S0203D		34S0205		34S0206		34S0301	
LAB SAMPLE ID ——>		39234-33		39234-34		39234-35		39234-36		39234-37		39234-38	
ID FROM REPORT ——>		34S0201		34S0203		34S0203D		34S0205		34S0206		34S0301	
SAMPLE DATE ——>		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94		02/07/94	
DATE EXTRACTED ——>													
DATE ANALYZED ——>		02/09/94		02/09/94		02/09/94		02/09/94		02/09/94		02/09/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CV	NV	CV	NV	CV	NV	C W	NV	CT507	NV	CT507	NV
VOA	1,1,1-Trichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1,2-Trichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1-Dichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,1-Dichloroethene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloroethene (total)	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	1,2-Dichloropropane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	2-Butanone (MEK)	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	2-Hexanone	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Acetone	10.	U	36.	U	36.	U	11.	U	11.	U	59.	U
VOA	Benzene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Bromodichloromethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Bromoform	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Bromomethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Carbon disulfide	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Carbon tetrachloride	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chlorobenzene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chloroform	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Chloromethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Dibromochloromethane	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Ethylbenzene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Methylene chloride	9.	U	9.	U	10.	U	9.	U	9.	U	9.	U
VOA	Styrene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Tetrachloroethene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Toluene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Trichloroethene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	Vinyl chloride	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	m+p-Xylenes	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	cis-1,3-Dichloropropene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U
VOA	trans-1,3-Dichloropropene	10.	U	11.	U	11.	U	11.	U	11.	U	11.	U

DATALCP3
05/02/95

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

SAMPLE ID ——:	034-S-0003-03					
ORIGINAL ID ——:	34S0303					
LAB SAMPLE ID —:	39234-026					
ID FROM REPORT —:	34S0303					
SAMPLE DATE ——:	02/07/94					
DATE EXTRACTED —:						
DATE ANALYZED —:						
MATRIX ————:	Soil					
UNITS ————:	MG/KG					
Method	Parameter	NV				
METAL	Aluminum	183.				
METAL	Antimony	2.8	UJ			
METAL	Arsenic	0.51	U			
METAL	Barium	0.5	U			
METAL	Beryllium	0.07	U			
METAL	Cadmium	0.37	U			
METAL	Calcium	33.6	U			
METAL	Chromium	2.4	U			
METAL	Cobalt	0.56	U			
METAL	Copper	0.46	U			
METAL	cyanide	0.1	U			
METAL	Iron	154.				
METAL	Lead	0.65	U			
METAL	Magnesium	6.9	U			
METAL	Manganese	4.2	U			
METAL	Mercury	0.05	U			
HETAL	Nickel	1.8	U			
METAL	Potassium	114.	U			
METAL	Selenium	0.3	U			
METAL	Silver	0.63	U			
METAL	Sodium	8.3	U			
METAL	Thallium	0.49	U			
HETAL	Vanadium	0.79	U			
METAL	Zinc	1.4	U			

	SAMPLE ID ——>	034-S-0003-03					
	ORIGINAL ID ——>	34S0303					
	LAB SAMPLE ID ——>	39234-13					
	ID FROM REPORT ——>	34S0303					
	SAMPLE DATE ——>	02/07/94					
	DATE EXTRACTED ——>						
	DATE ANALYZED ——>	02/12/94					
	MATRIX ——>	Soil					
	UNITS ——>	UG/KG					
Method	Parameter	CT507	MV				
PEST	4,4'-DDD	3.6	U				
PEST	4,4'-DDE	3.6	U				
PEST	4,4'-DDT	3.6	U				
PEST	Aldrin	1.9	U				
PEST	Aroclor-1016	36.	U				
PEST	Aroclor-1221	74.	U				
PEST	Aroclor-1232	36.	U				
PEST	Aroclor-1242	36.	U				
PEST	Aroclor-1248	36.	U				
PEST	Aroclor-1254	36.	U				
PEST	Aroclor-1260	36.	U				
PEST	Dieldrin	3.6	U				
PEST	Endosulfan I	1.9	U				
PEST	Endosulfan II	3.6	U				
PEST	Endosulfan sulfate	3.6	U				
PEST	Endrin	3.6	U				
PEST	Endrin aldehyde	3.6	U				
PEST	Endrin ketone	3.6	U				
PEST	Heptachlor	1.9	U				
PEST	Heptachlor epoxide	1.9	U				
PEST	Methoxychlor	19.	U				
PEST	Toxaphene	190.	U				
PEST	alpha-BHC	1.9	U				
PEST	alpha-Chlordane	1.9	U				
PEST	beta-BHC	1.9	U				
PEST	delta-BHC	1.9	U				
PEST	gamma-BHC (Lindane)	1.9	U				
PEST	gamma-Chlordane	1.9	U				

SAMPLE ID →	034-S-0003-03
ORIGINAL ID →	34S0303
LAB SAMPLE ID →	39234-13
ID FROM REPORT →	34S0303
SAMPLE DATE →	02/07/94
MIE EXTRACTED →	
DATE ANALYZED →	02/10/94
MATRIX →	soil
UNITS →	UG/KG

Method	Parameter	C W	MV
SVOA	1,2,4-Trichlorobenzene	360.	U
SVOA	1,2-Dichlorobenzene	360.	U
SVOA	1,3-Dichlorobenzene	360.	U
SVOA	1,4-Dichlorobenzene	360.	U
SVOA	2,4,5-Trichlorophenol	870.	U
SVOA	2,4,6-Trichlorophenol	360.	U
SVOA	2,4-Dichlorophenol	360.	U
SVOA	2,4-Dimethylphenol	360.	U
SVOA	2,4-Dinitrophenol	870.	U
SVOA	2,4-Dinitrotoluene	360.	U
SVOA	2,6-Dinitrotoluene	360.	U
SVOA	2-Chloronaphthalene	360.	U
SVOA	2-Chlorophenol	360.	U
SVOA	2-Methylnaphthalene	360.	U
SVOA	2-Methylphenol (o-Cresol)	360.	U
SVOA	2-Nitroaniline	870.	U
SVOA	2-Nitrophenol	360.	U
SVOA	3,3'-Dichlorobenzidine	360.	U
SVOA	3-Nitroanilim	870.	U
SVOA	4,6-Dinitro-2-methylphenol	am.	U
SVOA	4-Bromophenyl-phenyl ether	360.	U
SVOA	4-Chloro-3-methylphenol	360.	U
SVOA	4-Chloroaniline	360.	U
SVOA	4-Chlorophenyl-phenylether	360.	U
SVOA	4-Methylphenol (p-Cresol)	360.	U
SVOA	4-Nitroaniline	am.	U
SVOA	4-Nitrophenol	870.	U
SVOA	Acenaphthene	360.	U
SVOA	Acenaphthylene	360.	U
SVOA	Anthracene	360.	U
SVOA	Benzo(a)anthracene	360.	U
SVOA	Benzo(a)pyrene	360.	U
SVOA	Benzo(b)fluoranthene	360.	U
SVOA	Benzo(g,h i)perylene	360.	U
SVOA	Benzo(k)fluoranthene	360.	U
SVOA	Butylbenzylphthalate	360.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

SAMPLE ID ——>	034-S-0003-03
ORIGINAL ID ——>	3490303
LAB SAMPLE ID ——>	39234-13
ID FROM REPORT ——>	3490303
SAMPLE DATE ——>	02/07/94
DATE EXTRACTED ——>	
DATE ANALYZED ——>	02/10/94
MATRIX ——>	Soil
UNITS ——>	UG/KG

Method	Parameter	CT507	NV
SVOA	Carbazole	360.	U
SVOA	Chrysene	360.	U
SVOA	Di-n-butylphthalate	360.	U
SVOA	Di-n-octylphthalate	360.	U
SVOA	Dibenzo(a,h)anthracene	360.	U
SVOA	Dibenzofuran	360.	U
SVOA	Diethylphthalate	360.	U
SVOA	Dimethylphthalate	360.	U
SVOA	Fluoranthene	360.	U
SVOA	Fluorene	360.	U
SVOA	Hexachlorobenzene	360.	U
SVOA	Hexachlorobutadiene	360.	U
SVOA	Hexachlorocyclopentadiene	360.	U
SVOA	Hexachloroethane	360.	U
SVOA	Indeno(1,2,3-cd)pyrene	360.	U
SVOA	Isophorone	360.	U
SVOA	N-Nitroso-di-n-propylamine	360.	U
SVOA	N-Nitrosodiphenylamine	360.	U
SVOA	Naphthalene	360.	U
SVOA	Nitrobenzene	360.	U
SVOA	Pentachlorophenol	870.	U
SVOA	Phenanthrene	360.	U
SVOA	Phenol	360.	U
SVOA	Pyrene	360.	U
SVOA	bis(2-Chloroethoxy)methane	360.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U
SVOA	bis(2-Chloroethyl)ether	360.	U
SVOA	2,2'-oxybis(1-Chloropropane)	360.	U

SAMPLE ID ——>	034-S-0003-03
ORIGINAL ID ——>	3430303
LAB SAMPLE ID ——>	39234-39
ID FROM REPORT —>	3450303
SAMPLE DATE ——>	02/07/94
DATE EXTRACTED —>	
DATE ANALYZED ——>	02/10/94
MATRIX ————>	Soil
UNITS ————>	UG/KG

Method	Parameter	CT507	MV
VOA	1,1,1-Trichloroethane	11.	U
VOA	1,1,2,2-Tetrachloroethane	11.	U
VOA	1,1,2-Trichloroethane	11.	U
VOA	1,1-Dichloroethane	11.	U
VOA	1,1-Dichloroethene	11.	U
VOA	1,2-Dichloroethane	11.	U
VOA	1,2-Dichloroethene (total)	11.	U
VOA	1,2-Dichloropropane	11.	U
VOA	2-Butanone (MEK)	11.	U
VOA	2-Hexanone	11.	U
VOA	4-Methyl-2-Pentanone (MIBK)	11.	U
VOA	Acetone	19.	U
VOA	Benzene	11.	U
VOA	Bromodichloromethane	11.	U
VOA	Bromoform	11.	U
VOA	Bromomethane	11.	U
VOA	Carbon dirulfide	11.	U
VOA	Carbon tetrachloride	11.	U
VOA	Chlorobenzene	11.	U
VOA	Chloroethane	11.	U
VOA	Chloroform	11.	U
VOA	Chloromethane	11.	U
VOA	Dibromochloromethane	11.	U
VOA	Ethylbenzene	11.	U
VOA	Methylene chloride	9.	U
VOA	Styrene	11.	U
VOA	Tetrachloroethene	11.	U
VOA	Toluene	11.	U
VOA	Trichloroethene	11.	U
VOA	Vinyl chloride	11.	U
VOA	m+p-Xylenes	11.	U
VOA	cis-1,3-Dichloropropene	11.	U
VOA	trans-1,3-Dichloropropene	11.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-s-0005-01		034-c-0005-01		034-s-0005-03				
	ORIGINAL ID ——>	3490501		3490501D		3490503				
	LAB SAMPLE ID ——>	40364-022		40364-023		40364-024				
	ID FROM REPORT ——>	E52413		E52414		E52415				
	SAMPLE DATE ——>									
	DATE EXTRACTED ——>									
	DATE ANALYZED ——>									
	MATRIX ——>	soil		Soil		Soil				
	UNITS ——>	MG/KG				MG/KG				
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL			
METAL	Cyanide	0.11	U	0.1	U	0.12	U			
METAL	Aluminum	1980.		2050.		1430.				
METAL	Antimony	1.6	U	1.8	U	1.9	U			
METAL	Arsenic	0.47	U	0.61	U	0.55	U			
METAL	Barium	2.8	U	2.5	U	3.	U			
METAL	Beryllium	0.04	U	0.04	U	0.04	U			
METAL	Cadmium	0.27	U	0.3	U	0.36	U			
METAL	Calcium	374.		425.		511.				
METAL	Chromium	3.8		3.8		3.				
METAL	Cobalt	0.42	U	0.46	U	0.49	U			
METAL	Copper	5.2	U	2.1	U	2.	U			
METAL	Iron	1240.		1230.		776.				
METAL	Lead	6.2		6.3		6.4				
METAL	Magnesium	34.7		35.8		41.4				
METAL	Manganese	28.4	J	27.1	J	9.9	J			
METAL	Mercury	0.03	UJ	0.02	UJ	0.03	UJ			
METAL	Nickel	1.1	U	1.3	U	1.3	U			
METAL	Potassium	107.	U	120.	U	126.	U			
METAL	Selenium	0.47	U	0.52	U	0.55	U			
METAL	Silver	0.45	UJ	0.5	UJ	0.53	UJ			
METAL	Sodium	4.6	U	6.8	U	4.3	U			
METAL	Thallium	0.38	U	0.42	U	0.45	U			
METAL	Vanadium	3.8	U	3.9	U	3.3	U			
METAL	Zinc	5.8	U	6.4	U	5.3	U			

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-S-0005-01		034-C-0005-01		034-S-0005-03					
	ORIGINAL ID ——>	34S0501		34S0501D		34S0503					
	LAB SAMPLE ID ——>	40364-19		40364-20		40364-21					
	ID FROM REPORT ——>	E52413		E52414		E52415					
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>	05/26/94		05/26/94		05/26/94					
	DATE ANALYZED ——>	05/28/94		05/28/94		05/28/94					
	MATRIX ——>	Soil		Soil		Soil					
	UNITS ——>	UG/KG		UG/KG		UG/KG					
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL				
PEST	alpha-BHC	1.7	U	1.7	U	1.9	U				
PEST	beta-BHC	1.7	U	1.7	U	1.9	U				
PEST	delta-WC	1.7	U	1.7	U	1.9	U				
PEST	gamma-BHC (Lindane)	1.7	U	1.7	U	1.9	U				
PEST	Heptachlor	1.7	U	1.7	U	1.9	U				
PEST	Aldrin	1.7	U	1.7	U	1.9	U				
PEST	Heptachlor epoxide	1.7	U	1.7	U	1.9	U				
PEST	Endosulfan I	1.7	U	1.7	U	1.9	U				
PEST	Dieldrin	3.3	J	3.2	J	6.					
PEST	4,4'-DDE	3.4	U	3.4	U	3.7	U				
PEST	Endrin	3.4	U	3.4	U	3.7	U				
PEST	Endosulfan II	3.4	U	3.4	U	3.7	U				
PEST	4,4'-DDD	3.4	U	3.4	U	3.7	U				
PEST	Endosulfan rulfrtc	3.4	U	3.4	U	3.7	U				
PEST	4,4'-DDT	3.4	U	3.4	U	3.7	U				
PEST	Methoxychlor	17.	U	17.	U	19.	U				
PEST	Endrin ketone	3.b	U	3.4	U	3.7	U				
PEST	Endrin aldehyde	3.4	U	3.4	U	3.7	U				
PEST	alpha-Chlordane	1.7	U	1.7	U	1.9	U				
PEST	gamma-Chlordane	1.7	U	1.7	U	1.9	U				
PEST	Toxaphene	170.	U	170.	U	190.	U				
PEST	Aroclor-1016	34.	U	34.	U	37.	U				
PEST	Aroclor-1221	68.	U	68.	U	76.	U				
PEST	Aroclor-1232	34.	U	34.	U	37.	U				
PEST	Aroclor-1242	34.	U	34.	U	37.	U				
PEST	Aroclor-1248	34.	U	34.	U	37.	U				
PEST	Aroclor-1254	34.	U	34.	U	37.	U				
PEST	Aroclor-1260	34.	U	34.	U	37.	U				

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-S-0004-01		034-S-0004-03		034-S-0004-05		034-S-0005-01		034-C-0005-01		034-S-0005-03	
	ORIGINAL ID ——>	3490401		3490403		3490405		3490501		3490501D		3490503	
	LAB SAMPLE ID ——>	40364-16		40364-17		40364-18		40364-19		40364-20		40364-21	
	ID FROM REPORT ——>	E52410		E52411		E52412		E52413		E52414		E52415	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	05/25/94		05/25/94		05/25/94		05/25/94		05/25/94		05/25/94	
	DATE ANALYZED ——>	05/27/94		05/27/94		06/02/94		06/02/94		06/02/94		06/02/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL
SVOA	Phenol	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	bis(2-Chloroethyl)ether	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2-Chlorophenol	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	1,3-Dichlorobenzene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	1,4-Dichlorobenzene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	1,2-Dichlorobenzene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2-Methylphenol (o-Cresol)	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2,2'-oxybis(1-Chloropropane)	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	4-Methylphenol (p-Cresol)	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	N-Nitroso-di-n-propylamine	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Hexachloroethane	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Nitrobenzene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Isophorone	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2-Nitrophenol	330.	U	SUI.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2,4-Dimethylphenol	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	bis(2-Chloroethoxy)methane	no.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2,4-Dichlorophenol	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	1,2,4-Trichlorobenzene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Naphthalene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	4-Chloroaniline	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Hexachlorobutadiene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	4-Chloro-3-methylphenol	no.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2-Methylnaphthalene	330.	U	350.	U	400.	U	590.	U	770.	U	430.	U
SVOA	Hexachlorocyclopentadiene	330.	U	350.	U	400.	U	590.	U	770.	U	430.	U
SVOA	2,4,6-Trichlorophenol	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2,4,5-Trichlorophenol	800.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	2-Chloronaphthalene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2-Nitroaniline	am.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	Dimethylphthalate	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Acenaphthylene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2,6-Dinitrotoluene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	3-Nitroaniline	800.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	Acenaphthene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	2,4-Dinitrophenol	am.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	4-Nitrophenol	800.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	Di[illegible]furan	330.	U	350.	[illegible]	400.	U	390.	U	770.	U	[illegible]30.	U

*** Validation Complete ***

	SAMPLE ID ——>	034-S-0004-01		034-S-0004-03		034-S-0004-05		034-S-0005-01		034-C-0005-01		034-S-0005-03	
	ORIGINAL ID ——>	34S0401		34S0403		34S0405		34S0501		34S0501D		34S0503	
	LAB SAMPLE ID ——>	40364-16		40364-17		40364-18		40364-19		40364-20		40364-21	
	ID FROM REPORT ——>	E52410		E52411		E52412		E52413		E52414		E52415	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	05/25/94		05/25/94		05/25/94		05/25/91		05/25/94		05/25/94	
	DATE ANALYZED ——>	05/27/91		05/27/94		06/02/94		06/02/94		06/02/94		06/02/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL
SVOA	2,4-Dinitrotoluene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Diethylphthalate	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	4-Chloropheny l-pheny lether	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Fluorene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	4-Nitroani1ine	800.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	4,6-Dinitro-2-methylphenol	800.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	N-Nitrosodiphenylamine	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	4-Bromopheny 1-phenyl e ther	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Hexachlorobenzene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Pentachlorophenol	800.	U	840.	U	980.	U	940.	U	1900.	U	1000.	U
SVOA	Phenanthrene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Anthracene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Carbazole	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Di-n-butylphthalate	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Fluoranthene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Pyrene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Butylbenzylphthalate	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	3,3'-Dichlorobenzidine	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Benzo(a)anthracene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Chrysene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	bis(2-Ethylhexy 1)phthalata (BEHP)	89.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Di-n-octylphthalrta	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Benzo(b)fluoranthene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Benzo(k)fluoranthene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Benzo(a)pyrene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Indeno(1,2,3-cd)pyrene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Dibenzo(a,h)anthracene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U
SVOA	Benzo(g,h,i)perylene	330.	U	350.	U	400.	U	390.	U	770.	U	430.	U

PBNSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-S-0004-01		034-S-0004-03		034-S-0004-05		034-S-0005-01		034-C-0005-01		034-S-0005-03	
	ORIGINAL ID ——>	34S0401		34S0403		34S0405		34S0501		34S0501D		34S0503	
	LAB SAMPLE ID ——>	40364-10		40364-11		40364-12		40364-13		40364-14		40364-15	
	ID FROM REPORT ——>	E52410		E52411		E52412		E52413		E52414		E52415	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	05/27/94		05/27/94		05/27/94		05/27/94		05/27/94		05/27/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL
VOA	Chloromethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Bromomethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Vinyl chloride	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Chloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Methylene chloride	10.	U	5.	U	4.	U	5.	U	5.	U	5.	U
VOA	Acetone	10.	U	11.	U	10.	U	11.	U	10.	U	28.	U
VOA	Carbon disulfide	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,1-Dichloroethene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,1-Dichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,2-Dichloroethene (total)	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Chloroform	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,2-Dichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	2-Butanone (MEK)	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,1,1-Trichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Carbon tetrachloride	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Bromodichloromethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,2-Dichloropropane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	cis-1,3-Dichloropropene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Trichloroethene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Dibromochloromethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,1,2-Trichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Benzene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	trans-1,3-Dichloropropene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Bromoform	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	2-Hexanone	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Tetrachloroethene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Toluene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Chlorobenzene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Ethylbenzene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	Styrene	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U
VOA	m+p-Xylenes	10.	U	11.	U	10.	U	11.	U	10.	U	11.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-S-0007-01	034-S-0007-03	034-S-0007-05	034-C-0007-07		
	ORIGINAL ID ——>	34S0701	34S0703	34S0705	34S0707D		
	LAB SAMPLE ID —>	40364-025	40364-026	40364-027	40364-028		
	ID FROM REPORT —>	E52416	€52417	E52418	€52419		
	SAMPLE DATE ——>						
	DATE EXTRACTED —>						
	DATE ANALYZED —>						
	MATRIX ————>	Soil	Soil	Soil	Soil		
	UNITS ————>	MG/KG	MG/KG	MG/KG	MG/KG		
Method	Parameter	CT524 VAL	CT524 VAL	CT524 VAL	CT524 VAL		
METAL	Cyanide	NR	NR	NR	NR		
METAL	Aluminum	NR	NR	NR	NR		
METAL	Antimony	NR	NR	NR	NR		
METAL	Arsenic	NR	NR	NR	m		
METAL	Barium	NR	NR	NR	NR		
METAL	Beryllium	NR	NR	NR	NR		
METAL	Cadmium	NR	NR	NR	NR		
METAL	Calcium	NR	NR	NR	NR		
METAL	Chromium	NR	NR	NR	1111		
METAL	Cobalt	NR	NR	NR	NR		
HETAL	Copper	NR	NR	NR	NR		
METAL	Iron	NR	NR	NR	NR		
METAL	Lead	0.88	2.3	0.81	2.3		
METAL	Magnesium	NR	NR	NR	Nu		
KTAL	Manganese	NR	NR	NR	NR		
METAL	Mercury	NR	NR	NR	NR		
METAL	Nickel	NR	NR	NR	NR		
METAL	Potassium	NR	NR	NR	NR		
KTAL	Selenium	NR	NR	NR	NR		
METAL	Silver	NR	NR	NR	NR		
KTAL	Sodium	NR	NR	NR	NR		
METAL	Thallium	NR	Nu	NR	NR		
ETAL	Vanadium	NR	NR	NR	NR		
METAL	Zinc	NR	NR	NR	NR		

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0008-03		034-S-0009-03		034-S-0010-02		034-C-0010-02	
	ORIGINAL ID ——>	0349000803		0349000903		349001002		34C001002	
	LAB SAMPLE ID ——>	666779		666785		677507		677493	
	ID FROM REPORT ——>	349008		349009		349001002		34C001002	
	SAMPLE DATE ——>	12/07/94		12/07/94					
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>								
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	MG/KG		MG/KG		MG/KG		MG/KG	
Method	Parameter	782191	VAL	782191	VAL	994141	VAL	994141	VAL
ETAL	Aluminum	1320.	J	762.	J	2340.		2030.	
METAL	Antimony	0.39	U	0.39	U	0.44	U	0.46	U
METAL	Arsenic	0.72	U	0.72	U	0.8	U	0.84	U
METAL	Barium	1.8		1.8		3.		1.7	
LTAL	Beryllium	0.02	U	0.02	U	0.02	U	0.02	U
METAL	Cadmium	0.1	U	0.1	U	0.11	U	0.12	U
METAL	Calcium	192.		739.		3790.		2230.	
LTAL	Chromium	1.5	J	5.6	J	3.		2.s	
METAL	Cobalt	0.36		0.18		0.11	U	0.12	U
METAL	Copper	0.43	U	0.67	U	1.5		1.2	
METAL	Iron	827.	J	528.	J	1340.		1180.	
ETAL	Lead	1.2	J	3.8	J	6.1		3.1	
METAL		60.5	U	35.2	U	79.1	U	48.1	U
METAL	Manganese	4.1	J	6.	J	6.4		4.9	
METAL	Mercury	0.09	UJ	0.09	UJ	0.11	U	0.12	U
METAL	Nickel	0.31	U	0.31	U	0.34	U	0.36	U
METAL	Potassium	71.	U	68.5	U	95.	U	70.5	U
ETAL	Selenium	0.91	U	0.9	U	1.	U	1.1	U
ETAL	Silver	0.12	U	0.12	U	0.14	U	0.14	U
ETAL	Sodium	251.	U	266.	U	243.	U	248.	U
METAL	Thallium	1.1	U	1.1	U	1.3	U	1.3	U
ETAL	Vanadium	2.1		1.2		4.2		3.7	
ETAL	Zinc	2.9	UJ	3.3	UJ	6.		3.2	U
ETAL	Cyanide	0.52	U	0.52	U	0.57	U	0.6	U

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID ——>		034-S-0008-03		034-S-0009-03		034-S-0010-02		034-C-0010-02			
ORIGINAL ID ——>		034S000803		034S000903		34S001002		34C001002			
LAB SAMPLE ID ——>		666778 D50		666784		677488 R1		677502			
ID FROM REPORT ——>		34S000803		34S000903		34S001002		34C001002			
SAMPLE DATE ——>		12/05/94		12/05/94							
DATE EXTRACTED ——>		12/16/94		12/16/94		02/03/95		01/19/95			
DATE ANALYZED ——>		12/29/94		12/24/94		02/07/95		01/25/95			
MATRIX ——>		Soil		Soil		Soil		Soil			
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	00011	VAL	00011	VAL	00002	VAL	00002	VAL		
PEST	alpha-BHC	8.8	U	1.8	U	1.7	U	1.9	U		
PEST	beta-BHC	8.8	U	1.8	U	1.7	U	1.9	U		
PEST	delta-BHC	8.1	U	1.8	U	1.7	U	1.9	U		
PEST	gamma-BHC (Lindane)	8.8	U	1.8	U	1.7	U	1.9	U		
PEST	Heptachlor	8.8	U	1.4	J	1.7	U	1.9	U		
PEST	Aldrin	8.8	U	1.8	U	1.7	U	1.9	U		
PEST	Heptachlor epoxide	8.8	U	7.1		1.7	U	1.9	U		
PEST	Endosulfan I	1.8	U	1.8	U	1.7	U	0.084	J		
PEST	Dieldrin	17.	U	0.89	J	3.4	U	3.8	U		
PEST	4,4'-DDE	17.	U	3.4	U	3.4	U	0.098	J		
PEST	Endrin	17.	U	3.4	U	3.4	U	3.8	U		
PEST	Endosulfan II	17.	U	3.4	U	3.4	U	3.8	U		
PEST	4,4'-DDD	17.	U	0.14	J	0.19	J	0.18	J		
PEST	Endosulfan sulfate	17.	U	3.4	U	3.4	U	0.12	J		
PEST	4,4'-DDT	17.	U	2.3	J	0.22	J	3.8	U		
PEST	Methoxychlor	88.	U	18.	U	1.	U	3.8	U		
PEST	Endrin ketone	17.	U	3.4	U	3.4	U	3.8	U		
PEST	Endrin aldehyde	17.	U	3.4	U	3.4	U	3.8	U		
PEST	alpha-Chlordane	8.8	U	2.4	J	1.7	U	1.9	U		
PEST	gamma-Chlordane	8.8	U	19.		1.7	U	0.1	J		
PEST	Toxaphene	880.	U	180.	U	170.	U	190.	U		
PEST	Aroclor-1016	170.	U	34.	U	34.	U	38.	U		
PEST	Aroclor-1221	350.	U	70.	U	69.	U	77.	U		
PEST	Aroclor-1232	170.	U	34.	U	34.	U	38.	U		
PEST	Aroclor-1242	170.	U	34.	U	34.	U	38.	U		
PEST	Aroclor-1248	170.	U	34.	U	34.	U	38.	U		
PEST	Aroclor-1254	170.	U	34.	U	34.	U	38.	U		
PEST	Aroclor-1260	170.	U	34.	U	34.	U	38.	U		
PEST	2,4-D	NR		NR		NR		NR			
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR			
PEST	2,4,5-T	NR		NR		NR		HR			

*** Validation Complete *++

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0008-04		034-S-0009-04					
	ORIGINAL ID ——>	0349000803		0349000903					
	LAB SAMPLE ID ——>	668127		668131					
	ID FROM REPORT ——>	349000803		349000903					
	SAMPLE DATE ——>	12/13/94		12/13/94					
	DATE EXTRACTED ——>	12/20/94		12/20/94					
	DATE ANALYZED ——>	01/13/95		01/13/95					
	MATRIX ——>	Soil		Soil					
	UNITS ——>	UG/KG		UG/KG					
Method	Parameter	00079	VAL	00079	VAL				
PEST	alpha-BHC	NR		m					
PEST	beta-BHC	m		NR					
PEST	delta-BHC	NR		NR					
PEST	gamma-BHC (Lindane)	m		NR					
PEST	Heptachlor	NR		NR					
PEST	Aldrin	NR		NR					
PEST	Heptachlor epoxide	NR		NR					
PEST	Endosulfan I	m		NR					
PEST	Dieldrin	NR		NR					
PEST	4,4'-DDE	NR		NR					
PEST	Endrin	NR		NR					
PEST	Endosulfan II	NR		NR					
PEST	4,4'-DDD	NR		NR					
PEST	Endosulfan sulfate	NR		NR					
PEST	4,4'-DDT	NR		NR					
PEST	Methoxychlor	m		NR					
PEST	Endrin ketone	NR		m					
PEST	Endrin aldehyde	m		NR					
PEST	alpha-Chlordane	NR		NR					
PEST	gamma-Chlordane	NR		NR					
PEST	Toxaphene	NR		m					
PEST	Aroclor-1016	NR		NR					
PEST	Aroclor-1221	NR		m					
PEST	Aroclor-1232	NR		NR					
PEST	Aroclor-1242	NR		NR					
PEST	Aroclor-1248	NR		NR					
PEST	Aroclor-1254	NR		NR					
PEST	Aroclor-1260	NR		NR					
PEST	2,4-D	9.6	J	7.2	J				
PEST	2,4,5-TP (Silvex)	26.	U	26.	U				
PEST	2,4,5-T	26.	U	26.	U				

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID →		034-S-0008-03		034-S-0009-03		034-S-0010-02		034-C-0010-02			
ORIGINAL ID →		034S000803		034S000903		34S001002		34C001002			
LAB SAMPLE ID →		666778		666784		677488		677502			
ID FROM REPORT →		34S000803		34S000903		34S001002		34C001002			
SAMPLE DATE →		12/05/94		12/05/94							
DATE EXTRACTED →		12/16/94		12/16/94		01/21/95		01/21/95			
DATE ANALYZED →		12/19/94		12/19/94		01/24/95		01/24/95			
MATRIX →		Soil		Soil		Soil		Soil			
UNITS →		UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	00011	VAL	00011	VAL	00002	VAL	00002	VAL		
SVOA	Phenol	340.	U	340.	U	400.	U	380.	U		
SVOA	bis(2-Chloroethyl)ether	340.	U	340.	U	400.	U	380.	U		
SVOA	2-Chlorophenol	340.	U	340.	U	400.	U	380.	U		
SVOA	1,3-Dichlorobenzene	340.	U	340.	U	400.	U	380.	U		
SVOA	1,4-Dichlorobenzene	340.	U	340.	U	400.	U	380.	U		
SVOA	1,2-Dichlorobenzene	340.	U	340.	U	400.	U	380.	U		
SVOA	2-Methylphenol (o-Cresol)	340.	U	340.	U	400.	U	380.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U	400.	U	380.	U		
SVOA	4-Mrthylphenol (p-Cresol)	340.	U	340.	U	400.	U	380.	U		
SVOA	N-Nitroso-di-n-propylamine	340.	U	340.	U	400.	U	50.	U		
SVOA	Hexachloroethane	340.	U	340.	U	400.	U	380.	U		
SVOA	Nitrobenzene	340.	U	340.	U	400.	U	380.	U		
SVOA	Isophorone	340.	U	340.	U	400.	U	380.	U		
SVOA	2-Nitrophenol	340.	U	340.	U	400.	U	380.	U		
SVOA	2,4-Dimethylphenol	340.	U	340.	U	400.	U	380.	U		
SVOA	bis(2-Chloroethoxy)methane	340.	U	340.	U	400.	U	50.	U		
SVOA	2,4-Dichlorophenol	340.	U	340.	U	400.	U	50.	U		
SVOA	1,2,4-Trichlorobenzene	340.	U	340.	U	400.	U	380.	U		
SVOA	Naphthalene	50.	J	340.	U	400.	U	380.	U		
SVOA	4-Chloroaniline	340.	U	340.	U	400.	U	380.	U		
SVOA	Hexachlorobutadiene	340.	U	340.	U	400.	U	380.	U		
SVOA	4-41loro-3-methylphenol	340.	U	340.	U	400.	U	380.	U		
SVOA	2-Methylnaphthalene	340.	U	340.	U	400.	U	380.	U		
SVOA	Hexachlorocyclopentadiene	340.	U	340.	U	400.	U	380.	U		
SVOA	2,4,6-Trichlorophenol	340.	U	340.	U	400.	U	380.	U		
SVOA	2,4,5-Trichlorophenol	820.	U	830.	U	960.	U	930.	U		
SVOA	2-Chloronaphthalene	340.	U	340.	U	400.	U	380.	U		
SVOA	2-Nitroaniline	820.	U	830.	U	960.	U	930.	U		
SVOA	Dimethylphthalate	340.	U	340.	U	400.	U	380.	U		
SVOA	Acenaphthylene	340.	U	340.	U	400.	U	380.	U		
SVOA	2,6-Dinitrotoluene	340.	U	340.	U	400.	U	380.	U		
SVOA	3-Nitroanilim	820.	U	830.	U	960.	U	930.	U		
SVOA	Acenaphthene	340.	U	340.	U	400.	U	380.	U		
SVOA	2,4-Dinitrophenol	820.	U	830.	U	960.	U	930.	U		
SVOA	4-Nitrophenol	820.	U	830.	U	960.	U	930.	U		
SVOA	Dibenzofuran	340.	U	340.	U	400.	U	380.	U		

*** Validation Complete ***

PENSACOLA, SITB 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-s-0008-03		034-s-0009-03		034-s-0010-02		034-c-0010-02	
	ORIGINAL ID ——>	034S000803		034S000903		34S001002		34C001002	
	LAB SAMPLE ID ——>	666778		666784		677488		677502	
	ID FROM REPORT ——>	34S000803		34S000903		34S001002		34C001002	
	SAMPLE DATE ——>	12/05/94		12/05/94					
	DATE EXTRACTED ——>	12/16/94		12/16/94		01/21/95		01/21/95	
	DATE ANALYZED ——>	12/19/94		12/19/94		01/24/95		01/24/95	
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	00011	VAL	00011	VAL	00002	VAL	00002	VAL
SVOA	2,4-Dinitrotoluene	340.	U	340.	U	400.	U	380.	U
SVOA	Diethylphthalate	340.	U	340.	U	400.	U	380.	U
SVOA	4-Chlorophenyl-phenylether	340.	U	340.	U	400.	U	380.	U
SVOA	Fluorene	340.	U	340.	U	400.	U	380.	U
SVOA	4-Nitroaniline	820.	U	830.	U	960.	U	930.	U
SVOA	4,6-Dinitro-2-methylphenol	820.	U	830.	U	960.	U	930.	U
SVOA	N-Nitrosodiphenylamine	340.	U	340.	U	400.	U	380.	U
SVOA	4-Bromophenyl-phenylether	340.	U	340.	U	400.	U	380.	U
SVOA	Hexachlorobenzene	340.	U	340.	U	400.	U	380.	U
SVOA	Pentachlorophenol	820.	U	830.	U	960.	U	930.	U
SVOA	Phenanthrene	340.	U	340.	U	400.	U	380.	U
SVOA	Anthracene	340.	U	340.	U	400.	U	380.	U
SVOA	Carbazole	340.	U	340.	U	400.	U	380.	U
SVOA	Di-n-butylphthalate	340.	U	340.	U	400.	U	380.	U
SVOA	Fluoranthene	340.	U	340.	U	400.	U	380.	U
SVOA	Pyrene	340.	U	340.	U	400.	U	380.	U
SVOA	Butylbenzylphthalate	340.	U	340.	U	400.	U	380.	U
SVOA	3,3'-Dichlorobenzidine	340.	U	340.	U	400.	U	380.	U
SVOA	Benzo(a)anthracene	340.	U	340.	U	400.	U	380.	U
SVOA	Chrysene	340.	U	340.	U	400.	U	380.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	340.	U	400.	U	380.	U
SVOA	Di-n-octylphthalate	340.	U	340.	U	a.	U	380.	U
SVOA	Benzo(b)fluoranthene	340.	U	340.	U	400.	U	380.	U
SVOA	Benzo(k)fluoranthene	340.	U	340.	U	400.	U	380.	U
SVOA	Benzo(a)pyrene	340.	U	340.	U	a.	U	380.	U
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	340.	U	400.	U	380.	U
SVOA	Dibenzo(a,h)anthracene	340.	U	340.	U	a.	U	380.	U
SVOA	Benzo(g,h,i)perylene	340.	U	340.	U	400.	U	380.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0008-03		034-S-0009-03		034-S-0010-02		034-C-0010-02	
	ORIGINAL ID ——>	034S000803		034S000903		34S001002		34C001002	
	LAB SAMPLE ID ——>	666778		666784		677488		677502	
	ID FROM REPORT ——>	34S000803		34S000903		34S001002		34C001002	
	SAMPLE DATE ——>	12/05/94		12/05/94					
	DATE EXTRACTED ——>								
	MIE ANALYZED ——>	12/15/94		12/15/94		01/22/95		01/22/95	
	MATRIX ——>	Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	00011	VAL	00011	VAL	00002	VAL	00002	VAL
VOA	Chloromethane	10.	U	10.	U	12.	U	12.	U
VOA	Bromomethane	10.	U	10.	U	12.	U	12.	U
VOA	Vinyl chloride	10.	U	10.	U	12.	U	12.	U
VOA	Chloroethane	10.	U	10.	U	12.	U	12.	U
VOA	Methylene chloride	10.	U	13.	U	16.	U	15.	U
VOA	Acetone	10.	U	10.	U	37.	U	32.	U
VOA	Carbon dirulfide	10.	U	10.	U	12.	U	12.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	12.	U	12.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	12.	U	12.	U
VOA	cis-1,2-Dichloroethy_ene	NR		NR		NR		NR	
VOA	Ethene, 1,2-dichloro-, (E)-	NR		NR		NR		NR	
VOA	Chloroform	10.	U	10.	U	12.	U	12.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	12.	U	12.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	12.	U	12.	U
VOA	Chlorobromomethane	NR		NR		NR		NR	
VOA	1,1,1-Trichloroethane	10.	U	10.	U	12.	U	12.	U
VOA	Carbon tetrachloride	10.	U	10.	U	12.	U	12.	U
VOA	Bromodichloromethane	10.	U	10.	U	12.	U	12.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	12.	U	12.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	12.	U	12.	U
VOA	Trichloroethenc	10.	U	10.	U	12.	U	12.	U
VOA	Dibromochloromethane	10.	U	10.	U	12.	U	12.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	12.	U	12.	U
VOA	Benzene	10.	U	10.	U	12.	U	12.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	12.	U	12.	U
VOA	Bromoform	10.	U	10.	U	12.	U	12.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	12.	U	12.	U
VOA	2-Hexanone	10.	U	10.	U	12.	U	12.	U
VOA	Ietrachloroethene	10.	U	10.	U	12.	U	12.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	12.	U	12.	U
VOA	Ethylene dibromide	NR		NR		NR		NR	
VOA	Toluene	10.	U	10.	U	12.	U	12.	U
VOA	Chlorobenzene	10.	U	10.	U	12.	U	12.	U
VOA	Ethylbenzene	10.	U	10.	U	12.	U	12.	U
VOA	styrene	10.	U	10.	U	12.	U	12.	U
VOA	m+p-Xylenes	10.	U	10.	U	12.	U	12.	U

+** Validation Complete +**

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-s-0008-03		034-s-0009-03		034-s-0010-02		034-c-0010-02			
	ORIGINAL ID ——>	0349000803		0349000903		349001002		34C001002			
	LAB SAMPLE ID ——>	666778		666784		677488		677502			
	ID FROM REPORT ——>	349000803		349000903		349001002		34C001002			
	SAMPLE DATE ——>	12/05/94		12/05/94							
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	12/15/94		12/15/94		01/22/95		01/22/95			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	00011	VAL	00011	VAL	00002	VAL	00002	VAL		
VOA	1,3-Dichlorobenzene	NR		NR		NR		NR			
VOA	1,4-Dichlorobenzene	WR		NR		NR		m			
VOA	1,2-Dichlorobenzene	WR		NR		NR		NR			
VOA	DBCP	NR		NR		NR		NR			
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	12.	U	12.	U		

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0008-3A		034-S-0009-3A							
	ORIGINAL ID ——>	034S000803		034S000903							
	LAB SAMPLE ID ——>	666846		666851							
	ID FROM REPORT ——>	MAC002		MAC003							
	SAMPLE DATE ——>	12/05/94		12/05/94							
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>										
	MATRIX ——>	Water		Water							
	UNITS ——>	UG/L		UG/L							
Method	Parameter	8235PI	VAL	8235PI	VAL						
METAL	Aluminum	1700.		19.2	U						
METAL	Antimony	1.9	U	1.9	U						
METAL	Arsenic	3.5	U	3.5	U						
RETAL	Barium	882.		78.1							
METAL	Beryl1ium	0.1	U	0.1	U						
METAL	Cadmium	0.5	U	0.5	U						
RETAL	Calcium	5610.		60200.							
METAL	Chromium	2.6		4.1							
HETAL	Cobalt	14.4		4.4							
METAL	Copper	6.4	J	5.9	J						
METAL	Iron	1020.		60.2							
METAL	Lead	11.7	J	91.2	J						
METAL	Magnesium	281.		483.							
METAL	Manganese	44.2		93.6							
METAL	krcury	0.2	U	0.2	U						
METAL	Nickel	3.2		3.8							
METAL	Potassium	4510.		3410.							
METAL	Selenium	13.4		14.1							
HETAL	SiLvrr	0.6	U	0.6	U						
METAL	Sodium	1230000.	J	1410000.	J						
METAL	Thallium	5.5	UJ	5.5	UJ						
METAL	Vanadium	2.3		1.3							
RETAL	Zinc	417.		107.							
METAL	Cyanide	NR		NR							

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0008-D3		034-S-0009-D3				
	ORIGINAL ID ——>	34S000803		34S000903				
	LAB SAMPLE ID ——>	666844		666849				
	ID FROM REPORT ——>	34S000803		34S000903				
	SAMPLE DATE ——>	12/05/94		12/05/94				
	DATE EXTRACTED ——>	12/26/94		12/26/94				
	DATE ANALYZED ——>	12/30/94		12/30/94				
	MATRIX ——>	Water		Water				
	UNITS ——>	UG/L		UG/L				
Method	Parameter	0031P	VAL	0031P	VAL			
1931	alpha-BHC	0.01	U	0.01	U			
PEST	beta-BHC	0.01	U	0.01	U			
PEST	delta-BHC	0.01	U	0.01	U			
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U			
PEST	Heptachlor	0.01	U	0.01	U			
PEST	Aldrin	0.01	U	0.01	U			
PEST	Heptachlor epoxide	0.01	U	0.01	U			
PEST	Endosulfan I	0.01	U	0.01	U			
PEST	Dieldrin	0.02	U	0.02	U			
PEST	4,4'-DDE	0.02	U	0.02	U			
PEST	Endrin	0.02	U	0.02	U			
PEST	Endosulfan II	0.02	U	0.02	U			
PEST	4,4'-DDD	0.02	U	0.02	U			
PEST	Endosulfan sulfate	0.02	U	0.02	U			
PEST	4,4'-DDT	0.02	U	0.02	U			
PEST	Methoxychlor	0.1	U	0.1	U			
PEST	Endrin ketone	0.02	U	0.02	U			
PEST	Endrin aldehyde	0.02	U	0.02	U			
PEST	alpha-Chlordane	0.02	U	0.01	U			
PEST	gamma-Chlordane	0.02	U	0.01	U			
1931	Toxaphene	1.	U	1.	U			
PEST	Aroclor-1016	0.2	U	0.2	U			
PEST	Aroclor-1221	0.4	U	0.4	U			
1931	Aroclor-1232	0.2	U	0.2	U			
PEST	Aroclor-1242	0.2	U	0.2	U			
1034	Aroclor-1248	0.2	U	0.2	U			
PEST	Aroclor-1254	0.2	U	0.2	U			
PEST	Aroclor-1260	0.2	U	0.2	U			
PEST	2,4-D	NR		NR				
PEST	2,4,5-TP (Silvex)	NR		NR				
PEST	2,4,5-T	NR		NR				

*** Validation Complete ***

DATALCP3
05/05/95

	SAMPLE ID ——>	034-S-0008-3A		034-S-0009-3A			
	ORIGINAL ID ——>	034S000803		034S000903			
	LAB SAMPLE ID ——>	666843		666848			
	ID FROM REPORT ——>	34S000803		34S000903			
	SAMPLE DATE ——>	12/05/94		12/05/94			
	DATE EXTRACTED ——>	12/26/94		12/26/94			
	DATE ANALYZED ——>	12/31/94		12/31/94			
	MATRIX ——>	Water		Water			
	UNITS ——>	UG/L		UG/L			
Method	Parameter	0029P	VAL	0029P	VAL		
SVOA	Phenol	5.	U	5.	U		
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U		
SVOA	2-Chlorophenol	5.	U	5.	U		
SVOA	1,3-Dichlorobenzene	NR		NR			
SVOA	1,4-Dichlorobenzene	NR		NR			
SVOA	1,2-Dichlorobenzene	NR		NR			
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U		
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U		
SVOA	N-Nitroso-di-n-propylamine	5.	U	5.	U		
SVOA	Hexachloroethane	5.	U	5.	U		
SVOA	Nitrobenzene	5.	U	5.	U		
SVOA	Isophorone	5.	U	5.	U		
SVOA	2-Nitrophenol	5.	U	5.	U		
SVOA	2,4-Dimethylphenol	5.	U	5.	U		
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U		
SVOA	2,4-Dichlorophenol	5.	U	5.	U		
SVOA	1,2,4-Trichlorobenzene	5.	U	5.	U		
SVOA	Naphthalene	5.	U	5.	U		
SVOA	4-Chloroaniline	5.	U	5.	U		
SVOA	Hexachlorobutadiene	5.	U	5.	U		
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U		
SVOA	2-Methylnaphthalene	5.	U	5.	U		
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U		
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U		
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U		
SVOA	2-Chloronaphthalene	5.	U	5.	U		
SVOA	2-Nitroaniline	20.	U	20.	U		
SVOA	Dimethylphthalate	5.	U	5.	U		
SVOA	Acenaphthylene	5.	U	5.	U		
SVOA	2,6-Dinitrotoluene	5.	U	5.	U		
SVOA	3-Nitroaniline	20.	U	20.	U		
SVOA	Acenaphthene	5.	U	5.	U		
SVOA	2,4-Dinitrophenol	20.	U	20.	U		
SVOA	4-Nitrophenol	20.	U	20.	U		
SVOA	Dibenzofuran	5.	U	5.	U		

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID	034-S-0008-3A		034-S-0009-3A				
	ORIGINAL ID	034S000803		034S000903				
	LAB SAMPLE ID	666843		666848				
	ID FROM REPORT	34S000803		34S000903				
	SAMPLE DATE	12/05/94		12/05/94				
	DATE EXTRACTED	12/26/94		12/26/94				
	DATE ANALYZED	12/31/94		12/31/94				
	MATRIX	Water		Water				
	UNITS	UG/L		UG/L				
Method	Parameter	0029P	VAL	0029P	VAL			
SVOA	2,4-Dinitrotoluene	5.	U	5.	U			
SVOA	Diethylphthalate	5.	U	5.	U			
SVOA	4-Chlorophenyl-phenylether	5.	U	5.	U			
SVOA	Fluorene	5.	U	5.	U			
SVOA	4-Nitroaniline	20.	U	20.	U			
SVOA	4,6-Dinitro-2-methylphenol	20.	U	20.	U			
SVOA	N-Nitrosodiphenylamine	5.	U	5.	U			
SVOA	4-Bromophenyl-phenylether	5.	U	5.	U			
SVOA	Hexachlorobenzene	5.	U	5.	U			
SVOA	Pentachlorophenol	20.	U	20.	U			
SVOA	Phenanthrene	5.	U	5.	U			
SVOA	Anthracene	5.	U	5.	U			
SVOA	Carbazole	NR		NR				
SVOA	Di-n-butylphthalate	5.	U	1.	J			
SVOA	Fluoranthene	5.	U	5.	U			
SVOA	Pyrene	5.	U	5.	U			
SVOA	Butylbenzylphthalate	5.	U	5.	U			
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U			
SVOA	Benzo(a)anthracene	5.	U	5.	U			
SVOA	Chrysene	5.	U	5.	U			
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U			
SVOA	Di-n-octylphthalate	5.	U	5.	U			
SVOA	Benzo(b)fluoranthene	5.	U	5.	U			
SVOA	Benzo(k)fluoranthene	5.	U	5.	U			
SVOA	Benzo(a)pyrene	5.	U	5.	U			
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	5.	U			
SVOA	Dibenzo(a,h)anthracene	5.	U	5.	U			
SVOA	Benzo(g,h,i)perylene	5.	U	5.	U			

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0008-03		034-S-0009-03					
	ORIGINAL ID ——>	34S000803		34S000903					
	LAB SAMPLE ID ——>	666842		666847					
	ID FROM REPORT ——>	34S000803		34S000903					
	SAMPLE DATE ——>								
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>	12/20/94		12/20/94					
	MATRIX ——>	Water		Water					
	UNITS ——>	UG/L		UG/L					
Method	Parameter	0027P	VAL	0027P	VAL				
VOA	Chloromethane	1.	U	1.	U				
VOA	Bromomethane	1.	U	1.	U				
VOA	Vinyl chloride	1.	U	1.	U				
VOA	Chloroethane	1.	U	1.	U				
VOA	Methylene chloride	8.	U	9.	U				
VOA	Acetone	7.	U	11.	U				
VOA	Carbon disulfide	1.	U	1.	U				
VOA	1,1-Dichloroethene	1.	U	1.	U				
VOA	1,1-Dichloroethane	1.	U	1.	U				
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U				
VOA	Ethene, 1,2-dichloro-, (E)-	1.	U	1.	U				
VOA	Chloroform	7.	U	5.	U				
VOA	1,2-Dichloroethane	1.	U	1.	U				
VOA	2-Butanone (MEK)	5.	U	5.	U				
VOA	Chlorobromomethane	1.	U	1.	U				
VOA	1,1,1-Trichloroethane	1.	U	1.	U				
VOA	Carbon tetrachloride	1.	U	1.	U				
VOA	Bromodichloromethane	1.	U	1.	U				
VOA	1,2-Dichloropropane	1.	U	1.	U				
VOA	cis-1,3-Dichloropropene	1.	U	1.	U				
VOA	Trichloroethene	1.	U	1.	U				
VOA	Dibromochloromethane	1.	U	1.	U				
VOA	1,1,2-Trichloroethane	1.	U	1.	U				
VOA	Benzene	1.	U	1.	U				
VOA	trans-1,3-Dichloropropene	1.	U	1.	U				
VOA	Bromoform	1.	U	1.	U				
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U				
VOA	2-Hexanone	5.	U	5.	U				
VOA	Tetrachloroethene	1.	U	1.	U				
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U				
VOA	Ethylene dibromide	1.	U	1.	U				
VOA	Toluene	1.	U	1.	U				
VOA	Chlorobenzene	1.	U	1.	U				
VOA	Ethylbenzene	1.	U	1.	U				
VOA	Styrene	1.	U	1.	U				
VOA	m+p-Xylenes	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0008-03		034-S-0009-03				
	ORIGINAL ID ——>	34S000803		34S000903				
	LAB SAMPLE ID ——>	666842		666847				
	ID FROM REPORT ——>	34S000803		34S000903				
	SAMPLE DATE ——>							
	DATE EXTRACTED ——>							
	DATE ANALYZED ——>	12/20/94		12/20/94				
	MATRIX ——>	Water		Water				
	UNITS ——>	UG/L		UG/L				
Method	Parameter	0027P	VAL	0027P	VAL			
VOA	1,3-Dichlorobenzene	1.	U	1.	U			
VOA	1,4-Dichlorobenzene	1.	U	1.	U			
VOA	1,2-Dichlorobenzene	1.	U	1.	U			
VOA	DBCP	1.	U	1.	U			
VOA	1,2-Dichloroethene (total)	NR		NR				

PENSACOLA, SITE 9B
INTERIM REMOVAL CONFIRMATORY SAMPLING

METAL													
		SAMPLE ID ------->	098-S-0001-03		09B-S-0002-03		09B-S-0003-03		09B-S-0004-03		09B-S-0005-03		
		ORIGINAL ID ----->	0980000101		0980000201		0980000301		0980000401		0980000501		
		LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07		
		ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501		
		SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95		
		DATE EXTRACTED -->	01/09/96		01/09/96		01/09/96		01/09/96		01/09/96		
		DATE ANALYZED --->	01/10/96		01/10/96		01/10/96		01/10/96		01/10/96		
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		
CAS #	Parameter		034511	VAL	034511	VAL	034511	VAL	034511	VAL	034511	VAL	
57-12-5	Cyanide (CN)		0.49	U	0.53	U	0.53	U	0.53	U	0.52	U	
7429-90-5	Aluminum (Al)		2830.		7180.		4340.		4440.		4480.		
7439-89-6	Iron (Fe)		2180.	J	4930.	J	2890.	J	2770.	J	2510.	J	
7439-92-1	Lead (Pb)		13.7		2.9		5.7		8.7		1.7		
7439-95-4	Magnesium (Mg)		44.	J	55.2	J	43.4	J	61.9	J	76.	J	
7439-96-5	Manganese (Mn)		43.9	J	11.8	J	20.9	J	47.	J	35.2	J	
7439-97-6	Mercury (Hg)		0.05	U	0.05	U	0.05	U	0.04	U	0.05	U	
7440-02-0	Nickel (Ni)		0.61	J	1.4	J	1.1	J	1.	J	1.4	J	
7440-09-7	Potassium (K)		22.2	J	31.8	J	34.	J	30.3	J	41.1	J	
7440-22-4	Silver (Ag)		0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	
7440-23-5	Sodium (Na)		9.1	U	3.5	U	6.9	U	6.1	U	4.8	U	
7440-28-0	Thallium (Tl)		0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	
7440-36-0	Antimony (Sb)		0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ	
7440-38-2	Arsenic (As)		0.7	J	1.6	J	0.93	J	1.1	J	0.68	J	
7440-39-3	Barium (Ba)		10.8		4.6	J	2.8	J	4.3	J	4.5	J	
7440-41-7	Beryllium (Be)		0.05	U	0.06	U	0.06	U	0.06	U	0.05	U	
7440-43-9	Cadmium (Cd)		0.16	UJ	0.16	UJ	0.17	UJ	0.17	UJ	0.16	UJ	
7440-47-3	Chromium (Cr)		4.		7.3		4.8		4.8		3.9		
7440-48-4	Cobalt (Co)		0.19	J	0.27	J	0.28	J	0.18	J	0.42	J	
7440-50-8	Copper (Cu)		2.2		2.1		3.6		4.2		1.4		
7440-62-2	Vanadium (V)		5.6	J	13.7	J	6.9	J	7.5	J	6.	J	
7440-66-6	Zinc (Zn)		3.9		2.3		5.4		6.5		2.6		
7440-70-2	Calcium (Ca)		2380.	J	82.9	J	151.	J	145.	J	57.8	J	
7782-49-2	Selenium (Se)		0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	

*** Validation Complete ***

PENSACOLA, SITE 9B
INTERIM REMOVAL CONFIRMATORY SAMPLING

PEST											
	SAMPLE ID ------->	098-S-0001-03		098-S-0002-03		098-S-0003-03		[illegible]		098-S-0005-03	
	ORIGINAL ID ----->	0980000101		0980000201		0980000301		0980000401		0980000501	
	LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07	
	ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501	
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	01/07/96		01/07/96		01/07/96		01/07/96		01/07/96	
	DATE ANALYZED --->	01/27/96		01/27/96		01/27/96		01/27/96		01/27/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034811	VAL	034811	VAL	034811	VAL	034811	VAL	034811	VAL
1024-57-3	Heptachlor epoxide	0.007	U	0.088	U	0.087	U	0.2	U	0.09	U
1031-07-8	Endosulfan sulfate	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
11096-82-5	Aroclor-1260	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U
11097-69-1	Aroclor-1254	1.	J	2.7	J	2.2	J	1.9	J	3.6	U
11104-28-2	Aroclor-1221	7.1	U	7.1	U	7.	U	7.	U	7.3	U
11141-16-5	Aroclor-1232	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U
12672-29-6	Aroclor-1248	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U
12674-11-2	Aroclor-1016	3.5	U	3.4	U	3.5	U	3.5	U	3.6	U
309-00-2	Aldrin	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U
319-84-6	alpha-BHC	0.087	U	0.088	U	0.087	U	0.12		0.09	U
319-85-7	beta-BHC	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U
319-86-8	delta-BHC	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U
33213-65-9	Endosulfan II	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
50-29-3	4,4'-DDT	0.31		0.29		0.4		0.61		10.	
5103-71-9	alpha-Chlordane	0.087	U	0.088	U	0.087	U	0.087	U	1.1	J
5103-74-2	gamma-Chlordane	0.087	U	0.088	U	0.087	U	0.087	U	1.1	J
53469-21-9	Aroclor-1242	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U
53494-70-5	Endrin ketone	0.18	U	0.18	U	0.18	U	0.18	U	0.6	
58-89-9	gamma-BHC (Lindane)	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U
60-57-1	Dieldrin	0.2	U	0.18	U	0.2	U	0.3	U	1.9	
72-20-8	Endrin	0.18	U	0.18	U	0.18	U	0.18	U	0.3	U
72-43-5	Methoxychlor	0.87	U	0.88	U	0.87	U	0.87	U	2.4	
72-54-8	4,4'-DDD	0.65		0.64		0.58		0.51		29.	
72-55-9	4,4'-DDE	0.16	U	0.18	U	0.16	U	0.18	U	1.1	
7421-93-4	Endrin aldehyde	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
76-44-8	Heptachlor	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U
8001-35-2	Toxaphene	18.	U	18.	U	18.	U	18.	U	18.	U
959-98-8	Endosulfan I	0.31	J	0.18	U	0.31	J	0.24	J	0.09	U

*** Validation Complete ***

PENSACOLA, SITE 9B
INTERIM REMOVAL CONFIRMATORY SAMPLING

SVOA											
	SAMPLE ID ------->	098-S-0001-03		09B-S-0002-03		09B-S-0003-03		[illegible]		09B-S-0005-03	
	ORIGINAL ID ----->	0980000101		0980000201		0980000301		[illegible]		0980000501	
	LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07	
	ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501	
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/15/96		01/13/96		01/15/96		01/15/96		01/13/96	
	MATRIX ---------->	Soil		Soil		Soil		soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
100-01-6	4-Nitroaniline	840.	U	840.	U	840.	U	840.	U	860.	U
100-02-7	4-Nitrophenol	840.	UJ	840.	UJ	840.	UJ	840.	UJ	860.	UJ
101-55-3	4-Bromophenyl-phenylether	350.	U	350.	U	350.	U	350.	U	350.	U
105-67-9	2,4-Dimethylphenol	350.	U	350.	U	350.	U	350.	U	350.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	350.	U	350.	U	350.	U	350.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
106-47-8	4-Chloroaniline	350.	U	350.	U	350.	U	350.	U	350.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	350.	U	350.	U	350.	U
108-95-2	Phenol	350.	U	350.	U	350.	U	350.	U	350.	U
111-44-4	bis(2-Chloroethyl)ether	35.	UJ	35.	U	35.	UJ	35.	UJ	35.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	350.	U	350.	U	350.	U	350.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	350.	U	350.	U	660.	U	350.	U
117-84-0	Di-n-octyl phthalate	350.	UJ	350.	UJ	350.	UJ	350.	UJ	350.	UJ
118-74-1	Hexachlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
120-12-7	Anthracene	35.	U	35.	U	35.	U	35.	U	35.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
120-83-2	2,4-Dichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U
121-14-2	2,4-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U
129-00-0	Pyrene	35.	U	35.	U	35.	U	35.	U	35.	U
131-11-3	Dimethyl phthalate	350.	U	350.	U	350.	U	350.	U	350.	U
132-64-9	Dibenzofuran	350.	U	350.	U	350.	U	350.	U	350.	U
191-24-2	Benzo(g,h,i)perylene	35.	U	35.	U	35.	U	35.	U	35.	U
193-39-5	Indeno(1,2,3-cd)pyrene	35.	U	35.	U	35.	U	35.	U	35.	U
205-99-2	Benzo(b)fluoranthene	35.	UJ	35.	U	35.	UJ	35.	UJ	35.	U
206-44-0	Fluoranthene	35.	U	35.	U	35.	U	35.	U	35.	U
207-08-9	Benzo(k)fluoranthene	35.	UJ	35.	U	35.	UJ	35.	UJ	35.	U
208-96-8	Acenaphthylene	35.	U	35.	U	35.	U	35.	U	35.	U
218-01-9	Chrysene	35.	U	35.	U	35.	U	35.	U	35.	U
50-32-8	Benzo(a)pyrene	35.	U	35.	U	35.	U	35.	U	35.	U
51-28-5	2,4-Dinitrophenol	840.	U	840.	U	840.	U	840.	U	860.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	840.	U	840.	U	840.	U	840.	U	860.	U
53-70-3	Dibenz(a,h)anthracene	35.	U	35.	U	35.	U	35.	U	35.	U
541-73-1	1,3-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
56-55-3	Benzo(a)anthracene	35.	U	55.	U	35.	U	35.	U	35.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	350.	U	350.	U	350.	U	350.	U
606-20-2	2,6-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U

*** Validation Complete ***

PENSACOLA, SITE 9B
INTERIM REMOVAL CONFIRMATORY SAMPLING

SVOA											
	SAMPLE ID ------->	098-S-0001-03		098-S-0002-03		098-S-0003-03		098-S-0004-03		098-S-0005-03	
	ORIGINAL ID ----->	0980000101		0980000201		0980000301		0980000401		0980000501	
	LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07	
	ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501	
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/15/96		01/13/96		01/15/96		01/15/96		01/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034811	VAL	034811	VAL	034811	VAL	034811	VAL	034811	VAL
621-64-7	N-Nitroso-di-n-propylamine	35.	U	35.	U	35.	U	35.	U	35.	U
67-72-1	Hexachloroethane	350.	U	350.	U	350.	U	350.	U	350.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	350.	U	350.	U	350.	U	350.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	350.	UJ	350.	U	350.	U	350.	UJ
78-59-1	Isophorone	350.	U	350.	U	350.	U	350.	U	350.	U
83-32-9	Acenaphthene	17.	U	17.	U	17.	U	17.	U	17.	U
84-66-2	Diethylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U
84-74-2	Di-n-butylphthalate	350.	U	350.	U	19.	J	350.	U	350.	U
85-01-8	Phenanthrene	35.	U	35.	U	35.	U	35.	U	35.	U
85-68-7	Butylbenzylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	350.	U	350.	U	350.	U	350.	U
86-73-7	Fluorene	17.	U	17.	U	17.	U	17.	U	17.	U
86-74-8	Carbazole	350.	U	350.	U	350.	U	350.	U	350.	U
87-68-3	Hexachlorobutadiene	350.	U	350.	U	350.	U	350.	U	350.	U
87-86-5	Pentachlorophenol	840.	U	840.	U	840.	U	840.	U	860.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U
88-74-4	2-Nitroaniline	350.	U	350.	U	350.	U	350.	U	350.	U
88-75-5	2-Nitrophenol	350.	U	350.	U	350.	U	350.	U	350.	U
91-20-3	Naphthalene	35.	U	35.	U	35.	U	35.	U	35.	U
91-57-6	2-Methylnaphthalene	19.	J	35.	U	4.	U	35.	U	35.	U
91-58-7	2-Chloronaphthalene	350.	U	350.	U	350.	U	350.	U	350.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	350.	U	350.	U	350.	U	350.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	350.	U	350.	U	350.	U	350.	U
95-50-1	1,2-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U
95-95-4	2,4,5-Trichlorophenol	840.	U	840.	U	840.	U	840.	U	860.	U
98-95-3	Nitrobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
99-09-2	3-Nitroaniline	840.	U	840.	U	840.	U	840.	U	860.	U

*** Validation Complete ***

PENSACOLA, SITE 9B
INTERIM REMOVAL CONFIRMATORY SAMPLING

VOA													
	SAMPLE ID ------->	09B-S-0001-03		09B-S-0002-03		09B-S-0003-03							
	ORIGINAL ID ----->	09B0000101		09B0000201		09B0000301		09B0000401		09B0000501			
	LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07			
	ID FROM REPORT -->	09B0000101		09B0000201		09B0000301		09B0000401		09B0000501			
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95			
	DATE ANALYZED --->	01/02/96		01/02/96		01/02/96		01/02/96		01/02/96			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL		
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	11.	U	11.	U		
100-42-5	Styrene	11.	U	11.	U	11.	U	11.	U	11.	U		
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	11.	U		
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	11.	U		
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	11.	U	11.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	11.	U	11.	U		
108-88-3	Toluene	11.	U	11.	U	11.	U	11.	U	11.	U		
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U		
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	11.	U	11.	U		
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	11.	U	11.	U		
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	11.	U	11.	U		
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	11.	U	11.	U		
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	11.	U	11.	U		
591-78-6	2-Hexanone	11.	U	11.	U	11.	U	11.	U	3.	J		
67-64-1	Acetone	15.	U	11.	U	11.	U	12.	U	22.	U		
67-66-3	Chloroform	11.	U	11.	U	11.	U	11.	U	11.	U		
71-43-2	Benzene	11.	U	11.	U	11.	U	11.	U	11.	U		
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	11.	U	11.	U		
74-83-9	Bromomethane	11.	UJ	11.	UJ	11.	UJ	11.	UJ	12.	J		
74-87-3	Chloromethane	11.	U	11.	U	11.	U	11.	U	11.	U		
75-00-3	Chloroethane	11.	U	11.	U	11.	U	11.	U	11.	U		
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U		
75-09-2	Methylene chloride	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ		
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	11.	U	11.	U		
75-25-2	Bromoform	11.	U	11.	U	11.	U	11.	U	11.	U		
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	11.	U	11.	U		
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	11.	U	11.	U		
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	11.	U	11.	U		
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	11.	U	11.	U		
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	11.	U	11.	U		
79-00-5	1,1,2-Trichloroethane	11.	U	11.		11.	U	11.		11.	U		
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	11.	U	11.	U		
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	11.	U	11.	U		

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

METAL													
		SAMPLE ID ------->	029-S-0014-03		029-S-0015-03		029-S-0016-03		029-S-0017-03				
		ORIGINAL ID ----->	0298001401		0298001501		0298001601		0298001701				
		LAB SAMPLE ID --->	718252		718254		718256		718258				
		ID FROM REPORT -->	0298001401		0298001501		0298001601		0298001701				
		SAMPLE DATE ----->	05/16/95		05/16/95		05/16/95		05/16/95				
		MATRIX ---------->	Soil		Soil		Soil		Soil				
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG				
CAS #	Parameter		06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL			
AG	Silver		0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ			
AL	Aluminum		5610.	J	1280.	J	8960.	J	7470.	J			
AS	Arsenic		0.7	U	0.72	U	1.2	J	1.5	J			
BA	Barium		10.7	J	2.9	J	10.3	J	13.9	J			
BE	Beryllium		0.04	U	0.04	U	0.04	U	0.05	U			
CA	Calcium		391.	J	202.	J	404.	J	361.	J			
CD	Cadmium		0.07	U	0.07	U	0.07	U	0.07	U			
CN	Cyanide		0.55	U	0.56	U	0.56	U	0.97	U			
CO	Cobalt		0.81	J	0.21	J	1.6	J	0.99	J			
CR	Chromium		4.6		1.6	J	6.8		4.				
CU	Copper		4.5	J	2.8	J	5.1	J	5.4	J			
FE	Iron		2850.	J	1050.	J	5880.	J	4070.	J			
HG	Mercury		0.11	U	0.11	U	0.11	U	0.11	U			
K	Potassium		108.	J	66.8	J	99.	J	118.	J			
MG	Magnesium		72.	J	18.1	U	60.9	U	87.7	J			
MN	Manganese		203.		50.1		337.		321.				
NA	Sodium		114.	J	139.	J	145.	J	86.7	J			
NI	Nickel		1.3	U	0.31	U	1.5	U	1.6	J			
PB	Lead		7.9	J	8.4	J	7.2	J	9.4	J			
SB	Antimony		0.42	UJ	0.43	UJ	0.43	UJ	0.43	UJ			
SE	Selenium		0.96	U	0.98	U	0.99	U	1.	U			
TL	Thallium		0.98	U	1.	U	1.	U	1.	U			
V	Vanadium		8.	J	2.7	J	12.3		10.5	J			
ZN	Zinc		8.4		5.9		8.5		9.				

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST													
	SAMPLE ID ------->	029-S-0014-03		029-S-0014-03		029-S-0015-03		029-S-0015-03		029-S-0016-03		029-S-0016-03	
	ORIGINAL ID ----->	029S001401		029S001401		029S001501		029S001501		029S001601		029S001601	
	LAB SAMPLE ID --->	718251		731578		718253		731582		718255		731583	
	ID FROM REPORT -->	29S001401		029S001401		29S001501		029S001501		29S001601		029S001601	
	SAMPLE DATE ----->	05/16/95		06/14/95		05/16/95		06/14/95		05/16/95		06/14/95	
	DATE EXTRACTED -->	06/10/95		06/15/95		06/10/95		06/15/95		06/10/95		06/15/95	
	DATE ANALYZED --->	06/19/95		06/17/95		06/19/95		06/17/95		06/19/95		06/17/95	
	MATRIX ---------->	soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00008	VAL	00006	VAL	00008	VAL	00006	VAL	00008	VAL
1024-57-3	Heptachlor epoxide	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
1031-07-8	Endosulfan sulfate	0.56	J	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
11096-82-5	Aroclor-1260	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
11097-69-1	Aroclor-1254	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
11104-28-2	Aroclor-1221	74.	UJ	69.	U	75.	UJ	72.	U	75.	UJ	73.	U
11141-16-5	Aroclor-1232	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
12672-29-6	Aroclor-1248	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
12674-11-2	Aroclor-1016	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
309-00-2	Aldrin	0.12	UJ	1.8	U	0.094	J	1.8	U	1.9	UJ	1.8	U
319-84-6	alpha-BHC	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
319-85-7	beta-BHC	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
319-86-8	delta-BHC	1.9	UJ	0.16	J	1.9	UJ	1.8	U	1.9	UJ	1.8	U
33213-65-9	Endosulfan II	3.6	UJ	0.24	J	3.7	UJ	3.5	U	3.7	UJ	3.6	U
50-29-3	4,4'-DDT	2.6	J	0.19	J	3.7	UJ	1.4	J	3.7	UJ	3.6	U
5103-71-9	alpha-Chlordane	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
5103-74-2	gamma-Chlordane	0.061	J	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
53469-21-9	Aroclor-1242	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
53494-70-5	Endrin ketone	0.47	J	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
58-89-9	gamma-BHC (Lindane)	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
60-57-1	Dieldrin	45.	J	0.59	J	10.	J	22.		3.7	UJ	0.33	J
72-20-8	Endrin	3.6	UJ	3.4	U	0.15	J	3.5	U	3.7	UJ	3.6	U
72-43-5	Methoxychlor	19.	UJ	18.	U	0.69	J	18.	U	19.	UJ	18.	U
72-54-8	4,4'-DDD	3.6	UJ	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
72-55-9	4,4'-DDE	1.3	J	3.4	U	0.1	J	1.1	J	3.7	UJ	3.6	U
7421-93-4	Endrin aldehyde	0.16	J	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
76-44-8	Heptachlor	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
8001-35-2	Toxaphene	190.	UJ	180.	U	190.	UJ	180.	U	190.	UJ	180.	U
959-98-8	Endosulfan I	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST									
	SAMPLE ID ------->	029-S-0017-03		029-E-0017-03					
	ORIGINAL ID ----->	029S001701		029S001701					
	LAB SAMPLE ID --->	716257		731584					
	ID FROM REPORT -->	29S001701		029S001701					
	SAMPLE DATE ----->	05/16/95		06/14/95					
	DATE EXTRACTED -->	06/10/95		06/15/95					
	DATE ANALYZED --->	06/19/95		06/17/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	00006	VAL	00008	VAL				
1024-57-3	Heptachlor epoxide	1.9	UJ	1.8	U				
1031-07-8	Endosulfan sulfate	3.7	UJ	3.5	U				
11096-82-5	Aroclor-1260	37.	UJ	35.	U				
11097-69-1	Aroclor-1254	37.	UJ	35.	U				
11104-28-2	Aroclor-1221	74.	UJ	71.	U				
11141-16-5	Aroclor-1232	37.	UJ	35.	U				
12672-29-6	Aroclor-1248	37.	UJ	35.	U				
12674-11-2	Aroclor-1016	37.	UJ	35.	U				
309-00-2	Aldrin	1.9	UJ	1.8	U				
319-84-6	alpha-BHC	1.9	UJ	1.8	U				
319-85-7	beta-BHC	1.9	UJ	1.8	U				
319-86-8	delta-BHC	1.9	UJ	1.8	U				
33213-65-9	Endosulfan II	3.7	UJ	3.5	U				
50-29-3	4,4'-DDT	1.2	J	3.1	U				
5103-71-9	alpha-Chlordane	1.9	UJ	1.8	U				
5103-74-2	gamma-Chlordane	1.9	UJ	1.8	U				
53469-21-9	Aroclor-1242	37.	UJ	35.	U				
53494-70-5	Endrin ketone	0.14	d	3.5	U				
58-89-9	gamma-BHC (Lindane)	1.9	UJ	1.8	U				
60-57-1	Dieldrin	0.61	J	2.9	J				
72-20-8	Endrin	3.7	UJ	3.5	U				
72-43-5	Methoxychlor	19.	UJ	18.	U				
72-54-8	4,4'-DDD	3.7	UJ	3.5	U				
72-55-9	4,4'-DDE	0.08	J	3.5	U				
7421-93-4	Endrin aldehyde	3.7	UJ	3.5	U				
76-44-8	Heptachlor	0.043	J	1.8	U				
8001-35-2	Toxaphene	190.	UJ	180.	U				
959-98-8	Endosulfan I	1.9	UJ	1.8	U				

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

SVOA											
	SAMPLE ID ------->	029-S-0014-03		029-S-0015-03		029-S-0016-03		029-S-0017-03			
	ORIGINAL ID ----->	029S001401		029S001501		029S001601		029S001701			
	LAB SAMPLE ID --->	718251		718253		718255		718257			
	ID FROM REPORT -->	29S001401		29S001501		29S001601		29S001701			
	SAMPLE DATE ----->	05/16/95		05/16/95		05/16/95		05/16/95			
	DATE EXTRACTED -->	05/27/95		05/27/95		05/27/95		05/27/95			
	DATE ANALYZED --->	06/10/95		06/10/95		06/10/95		06/10/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL		
100-01-6	4-Nitroaniline	910.	U	930.	U	920.	U	910.	U		
100-02-7	4-Nitrophenol	910.	U	930.	U	920.	U	910.	U		
101-55-3	4-Bromophenyl-phenylether	360.	U	370.	U	360.	U	360.	U		
105-67-9	2,4-Dimethylphenol	360.	U	370.	U	360.	U	360.	U		
106-44-5	4-Methylphenol (p-Cresol)	360.	U	370.	U	360.	U	360.	U		
106-46-7	1,4-Dichlorobenzene	360.	U	370.	U	360.	U	360.	U		
106-47-8	4-Chloroaniline	360.	U	370.	U	360.	U	360.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	360.	U	370.	U	360.	U	360.	U		
108-95-2	Phenol	360.	U	370.	UJ	360.	UJ	360.	U		
111-44-4	bis(2-Chloroethyl)ether	360.	U	370.	U	360.	U	360.	U		
111-91-1	bis(2-Chloroethoxy)methane	360.	U	370.	U	360.	U	360.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	370.	U	360.	U	360.	U		
117-84-0	Di-n-octyl phthalate	360.	U	370.	U	360.	U	360.	U		
118-74-1	Hexachlorobenzene	360.	U	370.	U	360.	U	360.	U		
120-12-7	Anthracene	360.	U	370.	U	360.	U	360.	U		
120-82-1	1,2,4-Trichlorobenzene	360.	U	370.	U	360.	U	360.	U		
120-83-2	2,4-Dichlorophenol	360.	U	370.	U	360.	U	360.	U		
121-14-2	2,4-Dinitrotoluene	360.	U	370.	U	360.	U	360.	U		
129-00-0	Pyrene	360.	U	370.	U	360.	U	360.	U		
131-11-3	Dimethyl phthalate	360.	U	370.	U	360.	U	360.	U		
132-64-9	Dibenzofuran	360.	U	370.	U	360.	U	360.	U		
191-24-2	Benzo(g,h,i)perylene	360.	UJ	370.	UJ	360.	UJ	360.	UJ		
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U	370.	U	360.	UJ	360.	UJ		
205-99-2	Benzo(b)fluoranthene	360.	U	370.	U	360.	U	360.	U		
206-44-0	Fluoranthene	360.	U	370.	U	360.	U	360.	U		
207-08-9	Benzo(k)fluoranthene	360.	U	370.	U	360.	U	360.	U		
208-96-8	Acenaphthylene	360.	U	370.	U	360.	U	360.	U		
218-01-9	Chrysene	360.	U	370.	U	360.	U	360.	U		
50-32-8	Benzo(a)pyrene	360.	U	370.	U	360.	U	360.	U		
51-28-5	2,4-Dinitrophenol	910.	U	930.	U	920.	U	910.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	910.	U	930.	U	920.	U	910.	U		
53-70-3	Dibenz(a,h)anthracene	360.	UJ	370.	UJ	360.	UJ	360.	UJ		
541-73-1	1,3-Dichlorobenzene	360.	U	370.	U	360.	U	360.	U		
56-55-3	Benzo(a)anthracene	360.	U	370.	U	360.	U	360.	U		
59-50-7	4-Chloro-3-methylphenol	360.	U	370.	U	360.	U	360.	U		
606-20-2	2,6-Dinitrotoluene	360.	U	370.	U	360.	U	360.	U		

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

SVOA											
	SAMPLE ID ------->	029-S-0014-03		029-S-0015-03		[illegible]		029-S-0017-03			
	ORIGINAL ID ----->	029S001401		029S001501		[illegible]		029S001701			
	LAB SAMPLE ID --->	718251		718253		718256		718257			
	ID FROM REPORT -->	29S001401		29S001501		29S001601		29S001701			
	SAMPLE DATE ----->	05/16/95		05/16/95		05/16/95		05/16/95			
	DATE EXTRACTED -->	05/27/95		05/27/95		05/27/95		05/27/95			
	DATE ANALYZED --->	06/10/95		06/10/95		06/10/95		06/10/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL		
621-64-7	N-Nitroso-di-n-propylamine	360.	U	370.	U	360.	U	360.	U		
67-72-1	Hexachloroethane	360.	U	370.	U	360.	U	360.	U		
7005-72-3	4-Chlorophenylphenylether	360.	U	370.	U	360.	U	360.	U		
77-47-4	Hexachlorocyclopentadiene	360.	UJ	370.	UJ	360.	UJ	360.	UJ		
78-59-1	Isophorone	360.	U	370.	U	360.	U	360.	U		
83-32-9	Acenaphthene	360.	U	370.	U	360.	U	360.	U		
84-66-2	Diethylphthalate	360.	U	370.	U	360.	U	360.	U		
84-74-2	Di-n-butylphthalate	360.	U	370.	U	140.	J	81.	J		
85-01-8	Phenanthrene	360.	U	370.	U	360.	U	360.	U		
85-68-7	Butylbenzylphthalate	360.	U	370.	U	360.	U	360.	U		
86-30-6	N-Nitrosodiphenylamine	360.	U	370.	U	360.	U	360.	U		
86-73-7	Fluorene	360.	U	370.	U	360.	U	360.	U		
86-74-8	Carbazole	360.	U	370.	U	360.	U	360.	U		
87-68-3	Hexachlorobutadiene	360.	U	370.	U	360.	U	360.	U		
87-86-5	Pentachlorophenol	910.	U	930.	U	920.	U	910.	U		
88-06-2	2,4,6-Trichlorophenol	360.	U	370.	U	360.	U	360.	U		
88-74-4	2-Nitroaniline	910.	U	930.	U	920.	U	910.	U		
88-75-5	2-Nitrophenol	360.	U	370.	U	360.	U	360.	U		
91-20-3	Naphthalene	360.	U	370.	U	360.	U	360.	U		
91-57-6	2-Methylnaphthalene	360.	U	370.	U	360.	U	360.	U		
91-58-7	2-Chloronaphthalene	360.	U	370.	U	360.	U	360.	U		
91-94-1	3,3'-Dichlorobenzidine	360.	U	370.	U	360.	U	360.	U		
95-48-7	2-Methylphenol (o-Cresol)	360.	U	370.	U	360.	U	360.	U		
95-50-1	1,2-Dichlorobenzene	360.	U	370.	U	360.	U	360.	U		
95-57-8	2-Chlorophenol	360.	U	370.	U	360.	U	360.	U		
95-95-4	2,4,5-Trichlorophenol	910.	U	930.	U	920.	U	910.	U		
98-95-3	Nitrobenzene	360.	U	370.	U	360.	U	360.	U		
99-09-2	3-Nitroaniline	910.	U	930.	U	920.	U	910.	U		

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

VOA													
	SAMPLE ID ------->	029-S-0014-03		029-S-0015-03		029-S-0016-03		029-S-0017-03					
	ORIGINAL ID ----->	029S001401		0298001501		029S001601		029S001701					
	LAB SAMPLE ID --->	718251		710253		718255		718257					
	ID FROM REPORT -->	29S001401		29S001501		29S001601		29S001701					
	SAMPLE DATE ----->	05/16/95		D5f 16/95		05/16/95		05/16/95					
	DATE ANALYZED --->	05/25/95		05/25/95		05/25/95		05/25/95					
	MATRIX ---------->	Soil		Soi 1		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL				
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	11.	U				
100-42-5	Styrene	11.	U	11.	U	11.	U	11.	U				
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U				
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U				
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	11.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	11.	U				
108-88-3	Toluene	11.	U	11.	U	11.	U	11.	U				
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	11.	U				
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	11.	U				
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	11.	U				
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	11.	U				
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	11.	U				
56-23-5	Carbon tctrachloride	11.	U	11.	U	11.	U	11.	U				
591-78-6	2-Hexanone	11.	U	11.	U	11.	U	11.	U				
67-64-1	Acetone	11.	UJ	11.	UJ	11.	UJ	27.	UJ				
67-66-3	Chloroform	tl.	U	11.	U	11.	U	11.	U				
71-43-2	Benzene	11.	U	11.	U	11.	U	11.	U				
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	11.	U				
74-83-9	Bromomethane	11.	U	11.	U	11.	U	11.	U				
74-87-3	Chloromethane	11.	UJ	11.	UJ	11.	UJ	11.	UJ				
75-00-3	Chloroethane	11.	U	11.	U	11.	U	11.	U				
75-01-4	Vinyl chloride	11.	UJ	11.	UJ	11.	UJ	11.	UJ				
75-09-2	Methylene chloride	13.	UJ	12.	UJ	15.	UJ	13.	UJ				
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	11.	U				
75-25-2	Bromoform	11.	U	11.	U	11.	U	11.	U				
75-27-4	Bromodichloromethane	tl.	U	11.	U	11.	U	11.	U				
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	11.	U				
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	11.	U				
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	11.	U				
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	11.	U				
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	11.	U				
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	11.	U				
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	11.	U				

+** Validation Complete **+

PENSACOLA, SITE 34
INTERIM REMOVAL CONFIRMATORY SAMPLING

METAL											
	SAMPLE ID ------->	034-S-1101-03		034-S-1201-(		034-S-1301-03		034-S-1401-03		034-S-1501-03	
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101	
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05	
	ID FROM REPORT -->	034S110101		034S120101		034S130101		034S140101		034S150101	
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95	
	DATE EXTRACTED -->	01/09/96		01/09/96		01/09/96		01/09/96		01/09/96	
	DATE ANALYZED --->	01/10/96		01/10/96		01/10/96		01/10/96		01/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	034811	VAL	034811	VAL	034811	VAL	034811	VAL	034811	VAL
57-12-5	Cyanide (CN)	0.52	U	0.52	U	0.52	U	0.52	U	0.51	U
7429-90-5	Aluminum (Al)	1540.		1600.		1700.		1290.		2950.	
7439-89-6	Iron (Fe)	1120.	J	902.	J	1330.	J	1030.	J	1500.	J
7439-92-1	Lead (Pb)	1.2		1.9		1.4		3.1		2.6	
7439-95-4	Magnesium (Mg)	34.3	J	40.9	J	28.8	J	30.8	J	106.	J
7439-96-5	Manganese (Mn)	57.9	J	13.6	J	8.9	J	14.6	J	28.6	J
7439-97-6	Mercury (Hg)	0.05	U	0.04	U	0.04	U	0.04	U	0.05	U
7440-02-0	Nickel (Ni)	0.63	U	0.63	U	0.84	J	0.85	J	1.2	J
7440-09-7	Potassium (K)	19.4	J	22.3	J	21.9	J	17.2	J	68.5	J
7440-22-4	Silver (Ag)	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U
7440-23-5	Sodium (Na)	4.4	U	11.	U	10.6	U	16.2	U	21.9	U
7440-28-0	Thallium (Tl)	0.23	U	0.16	U	0.16	U	0.17	U	0.16	U
7440-36-0	Antimony (Sb)	0.11	UJ	0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ
7440-38-2	Arsenic (As)	0.36	J	0.23	J	0.49	J	0.36	J	0.73	J
7440-39-3	Barium (Ba)	9.1	J	1.9	J	1.6	J	1.9	J	4.	J
7440-41-7	Beryllium (Be)	0.05	U	0.05	U	0.05	U	0.06	U	0.05	U
7440-43-9	Cadmium (Cd)	0.16	UJ	0.16	UJ	0.16	UJ	0.17	UJ	0.16	UJ
7440-47-3	Chromium (Cr)	2.1		3.2		2.4		4.3		3.2	
7440-48-4	Cobalt (Co)	0.16	U	0.16	U	0.18	J	0.25	J	0.3	J
7440-50-8	Copper (Cu)	0.68	J	0.64	J	0.87	J	1.1	J	1.2	J
7440-62-2	Vanadium (V)	2.6	J	2.5	J	3.3	J	2.4	J	4.3	J
7440-66-6	Zinc (Zn)	2.1		2.2		2.1		4.		4.	
7440-70-2	Calcium (Ca)	311.	J	548.	J	453.	J	336.	J	1780.	J
7782-49-2	Selenium (Se)	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U

*** Validation Complete ***

PENSACOLA, SITE 34
INTERIM REMOVAL CONFIRMATORY SAMPLING

PEST													
	SAMPLE ID ------->	034-S-1101-03		034-S-1201-03		034-S-1301-03		034-S-1401-03		034-S-1501-03			
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101			
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05			
	ID FROM REPORT -->	0345110101		034S120101		034S130101		034S140101		034S150101			
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95			
	DATE EXTRACTED -->	01/07/96		01/07/96		01/07/96		01/07/96		01/07/96			
	DATE ANALYZED --->	01/27/96		01/31/96		01/31/96		01/31/96		01/31/96			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL		
1024-57-3	Heptachlor epoxide	0.088	U	12.		6.		0.43	U	0.33	J		
1031-07-8	Endosulfan sulfate	0.18	U	0.88	U	0.17	U	0.88	U	0.17	U		
11096-82-5	Aroclor-1260	3.5	U	17.	U	3.4	U	17.	U	3.3	U		
11097-69-1	Aroclor-1254	2.4	J	17.	U	3.4	U	17.	U	7.	U		
11104-28-2	Aroclor-1221	7.1	U	35.	U	6.9	U	35.	U	6.8	U		
11141-16-5	Aroclor-1232	3.5	U	17.	U	3.4	U	17.	U	3.3	U		
12672-29-6	Aroclor-1248	3.5	U	17.	U	3.4	U	17.	U	3.3	U		
12674-11-2	Aroclor-1016	3.5	U	17.	U	3.4	U	17.	U	3.3	U		
309-00-2	Aldrin	0.088	U	0.43	U	0.085	U	0.43	U	0.52	J		
319-84-6	alpha-BHC	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U		
319-85-7	beta-BHC	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U		
319-86-8	delta-BHC	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U		
33213-65-9	Endosulfan II	0.18	U	0.88	U	0.17	U	0.88	U	0.48			
50-29-3	4,4'-DDT	0.89		0.88	U	0.84		0.6	J	0.82			
5103-71-9	alpha-Chlordane	0.2	U	2.3		1.9	J	0.39	J	0.2	U		
5103-74-2	gamma-Chlordane	0.18		30.		16.		4.8		0.74			
53469-21-9	Aroclor-1242	3.5	U	17.	U	3.4	U	17.	U	3.3	U		
53494-70-5	Endrin ketone	0.18	U	0.88	U	0.17	U	0.88	U	0.34	J		
58-89-9	gamma-BHC (Lindane)	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U		
60-57-1	Dieldrin	1.8		1.7		2.4		4.3		0.84	J		
72-20-8	Endrin	0.18	U	0.88	U	0.17	U	0.88	U	0.17	U		
72-43-5	Methoxychlor	0.36	J	4.3	U	0.85	U	4.3	U	0.84	U		
72-54-8	4,4'-DDD	2.4		2.		2.		1.3		0.17	U		
72-55-9	4,4'-DDE	0.4		0.88	U	0.17	U	0.88	U	0.17	U		
7421-93-4	Endrin aldehyde	0.18	U	0.88	U	0.17	U	0.88	U	0.17	U		
76-44-8	Heptachlor	0.088	U	24.		6.3		0.43	U	0.29	J		
8001-35-2	Toxaphene	18.	U	88.	U	17.	U	88.	U	17.	U		
959-98-8	Endosulfan I	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U		

*** Validation Complete ***

PENSACOLA, SITE 34
INTERIM REMOVAL CONFIRMATORY SAMPLING

SVOA													
	SAMPLE ID ------->	034-S-1101-03		034-S-1201-03		034-S-1301-03		034-S-1401-03		034-S-1501-03			
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101			
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05			
	ID FROM REPORT -->	034S110101		of48120101		034S130101		034S140101		034S150101			
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95			
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96			
	DATE ANALYZED --->	01/22/96		01/13/96		01/13/96		01/13/96		01/15/96			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	034811	VAL	034811	VAL	034811	VAL	034811	VAL	034811	VAL		
100-01-6	4-Nitroaniline	850.	U	810.	U	810.	U	830.	U	20.	U		
100-02-7	4-Nitrophenol	850.	U	810.	UJ	810.	UJ	830.	UJ	820.	UJ		
101-55-3	4-Bromophenyl-phenylether	350.	U	340.	U	330.	U	340.	U	340.	U		
105-67-9	2,4-Dimethylphenol	350.	U	340.	U	330.	U	340.	U	340.	U		
106-44-5	4-Methylphenol (p-Cresol)	350.	U	340.	U	330.	U	340.	U	340.	U		
106-46-7	1,4-Dichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U		
106-47-8	4-Chloroaniline	350.	U	340.	U	330.	U	340.	U	340.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	340.	U	330.	U	340.	U	340.	U		
108-95-2	Phenol	350.	U	340.	U	330.	U	340.	U	340.	U		
111-44-4	bis(2-Chloroethyl)ether	35.	U	34.	U	33.	U	34.	U	34.	UJ		
111-91-1	bis(2-Chloroethoxy)methane	350.	U	340.	U	330.	U	340.	U	340.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	UJ	340.	U	330.	U	340.	U	340.	U		
117-84-0	Di-n-octyl phthalate	350.	U	340.	UJ	330.	UJ	340.	UJ	340.	UJ		
118-74-1	Hexachlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U		
120-12-7	Anthracene	35.	U	34.	U	33.	U	34.	U	34.	U		
120-82-1	1,2,4-Trichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U		
120-83-2	2,4-Dichlorophenol	350.	U	340.	U	330.	U	340.	U	340.	U		
121-14-2	2,4-Dinitrotoluene	350.	U	340.	U	330.	U	340.	U	340.	U		
129-00-0	Pyrene	35.	UJ	34.	U	33.	U	34.	U	26.	J		
131-11-3	Dimethyl phthalate	350.	U	340.	U	330.	U	340.	U	340.	U		
132-64-9	Dibenzofuran	350.	U	340.	U	330.	U	340.	U	340.	U		
191-24-2	Benzo(g,h,i)perylene	35.	U	34.	U	33.	U	34.	U	34.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	35.	U	34.	U	33.	U	34.	U	34.	U		
205-99-2	Benzo(b)fluoranthene	35.	U	34.	U	33.	U	34.	U	34.	UJ		
206-44-0	Fluoranthene	35.	U	34.	U	33.	U	34.	U	21.	J		
207-08-9	Benzo(k)fluoranthene	35.	U	34.	U	35.	U	34.	U	34.	UJ		
208-96-8	Acenaphthylene	35.	U	34.	U	33.	U	34.	U	34.	U		
218-01-9	Chrysene	35.	UJ	34.	U	33.	U	34.	U	34.	U		
50-32-8	Benzo(a)pyrene	35.	U	34.	U	33.	U	34.	U	34.	U		
51-28-5	2,4-Dinitrophenol	850.	UJ	810.	U	810.	U	830.	U	820.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	850.	U	810.	U	810.	U	830.	U	820.	U		
53-70-3	Dibenz(a,h)anthracene	35.	U	34.	U	35.	U	34.	U	34.	U		
541-73-1	1,3-Dichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U		
56-55-3	Benzo(a)anthracene	35.	UJ	34.	U	33.	U	34.	U	34.	U		
59-50-7	4-Chloro-3-methylphenol	350.	U	340.	U	330.	U	340.	U	340.	U		
606-20-2	2,6-Dinitrotoluene	350.	U	340.	U	330.	U	340.	U	340.	U		

*** Validation Complete **+

PENSACOLA, SITE 34
INTERIM REMOVAL CONFIRMATORY SAMPLING

SVOA											
	SAMPLE ID ------->	034-S-1101-03		034-S-1201-03		034-S-1301-03		034-S-1401-03		034-S-1501-03	
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101	
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05	
	ID FROM REPORT -->	034S110101		034S120101		034S130101		034S140101		034S150101	
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/22/96		01/13/96		01/13/96		01/13/96		01/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
621-64-7	N-Nitroso-di-n-propylamine	35.	U	34.	U	33.	U	34.	U	34.	U
67-72-1	Hexachloroethane	350.	U	340.	U	330.	U	340.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	340.	U	330.	U	340.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	350.	UJ	340.	UJ	330.	UJ	340.	UJ	340.	U
78-59-1	Isophorone	350.	U	340.	U	330.	U	340.	U	340.	U
83-32-9	Acenaphthene	17.	U	16.	U	16.	U	17.	U	16.	U
84-66-2	Diethylphthalate	350.	U	340.	U	330.	U	340.	U	340.	U
84-74-2	Di-n-butylphthalate	350.	U	340.	U	330.	U	340.	U	18.	J
85-01-8	Phenanthrene	35.	U	34.	U	33.	U	34.	U	34.	U
85-68-7	Butylbenzylphthalate	350.	UJ	340.	U	330.	U	340.	U	17.	J
86-30-6	N-Nitrosodiphenylamine	350.	U	340.	U	330.	U	340.	U	340.	U
86-73-7	Fluorene	17.	U	16.	U	16.	U	17.	U	16.	U
86-74-8	Carbazole	350.	U	340.	U	330.	U	340.	U	340.	U
87-68-3	Hexachlorobutadiene	350.	U	340.	U	330.	U	340.	U	340.	U
87-86-5	Pentachlorophenol	850.	U	810.	U	810.	U	830.	U	820.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	340.	U	330.	U	340.	U	340.	U
88-74-4	2-Nitroaniline	350.	U	340.	U	330.	U	340.	U	340.	U
88-75-5	2-Nitrophenol	350.	U	340.	U	330.	U	340.	U	340.	U
91-20-3	Naphthalene	35.	U	34.	U	33.	U	34.	U	34.	U
91-57-6	2-Methylnaphthalene	35.	U	34.	U	33.	U	34.	U	34.	U
91-58-7	2-Chloronaphthalene	350.	U	340.	U	330.	U	340.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	340.	U	330.	U	340.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	340.	U	330.	U	340.	U	340.	U
95-50-1	1,2-Dichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U
95-57-8	2-Chlorophenol	350.	U	340.	U	330.	U	340.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	850.	U	810.	U	810.	U	830.	U	820.	U
98-95-3	Nitrobenzene	350.	U	340.	U	330.	U	340.	U	340.	U
99-09-2	3-Nitroaniline	850.	U	810.	U	810.	U	830.	U	820.	U

*** Validation Complete ***

PENSACOLA, SITE 34
INTERIM REMOVAL CONFIRMATORY SAMPLING

VOA											
	SAMPLE ID ------->	034-S-1101-03		034-S-1201-03		034-S-1301-03		034-S-1401-03		034-S-1501-03	
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101	
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05	
	ID FROM REPORT -->	034S110101		034S120101		034S130101		034S140101		034S150101	
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95	
	DATE ANALYZED --->	12/30/95		12/30/95		12/30/95		12/30/95		12/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
100-41-4	Ethylbenzene	12.	U	10.	U	10.	U	11.	U	10.	U
100-42-5	Styrene	12.	U	10.	U	10.	U	11.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	10.	U	10.	U	11.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	10.	U	10.	U	11.	U	10.	U
107-06-2	1,2-Dichloroethane	12.	U	10.	U	10.	U	11.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	10.	U	10.	U	11.	U	10.	U
108-88-3	Toluene	12.	U	10.	U	10.	U	11.	U	10.	U
108-90-7	Chlorobenzene	12.	U	10.	U	10.	U	11.	U	10.	U
124-48-1	Dibromochloromethane	12.	U	10.	U	10.	U	11.	U	10.	U
127-18-4	Tetrachloroethene	12.	U	10.	U	10.	U	11.	U	10.	U
1330-20-7	Xylene (Total)	12.	U	10.	U	10.	U	11.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	10.	U	10.	U	11.	U	10.	U
56-23-5	Carbon tetrachloride	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ
591-78-6	2-Hexanone	12.	U	10.	U	10.	U	11.	U	10.	U
67-64-1	Acetone	12.	U	15.	U	17.	U	11.	U	10.	U
67-66-3	Chloroform	12.	U	10.	U	10.	U	11.	U	10.	U
71-43-2	Benzene	12.	U	10.	U	10.	U	11.	U	10.	U
71-55-6	1,1,1-Trichloroethane	12.	U	10.	U	10.	U	11.	U	10.	U
74-83-9	Bromomethane	4.	J	10.	U	10.	U	11.	U	10.	U
74-87-3	Chloromethane	12.	U	10.	U	10.	U	11.	U	10.	U
75-00-3	Chloroethane	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ
75-01-4	Vinyl chloride	4.	U	3.	U	3.	U	3.	U	3.	U
75-09-2	Methylene chloride	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ
75-15-0	Carbon disulfide	12.	U	10.	U	10.	U	11.	U	10.	U
75-25-2	Bromoform	12.	U	10.	U	10.	U	11.	U	10.	U
75-27-4	Bromodichloromethane	12.	U	10.	U	10.	U	11.	U	10.	U
75-34-3	1,1-Dichloroethane	12.	U	10.	U	10.	U	11.	U	10.	U
75-35-4	1,1-Dichloroethene	12.	U	10.	U	10.	U	11.	U	10.	U
78-87-5	1,2-Dichloropropane	12.	U	10.	U	10.	U	11.	U	10.	U
78-93-3	2-Butanone (MEK)	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ
79-00-5	1,1,2-Trichloroethane	12.	U	10.	U	10.	U	11.	U	10.	U
79-01-6	Trichloroethene	12.	U	10.	U	10.	U	11.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	10.	U	10.	U	11.	U	10.	U

*** Validation Complete ***

Site 9

Groundwater Analytical Data

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-G-0001-00		009-H-0001-00		009-G-0002-00		009-G-0003-00		009-G-0004-00		009-G-0004-00 D	
	ORIGINAL ID ——>	09GR01		09GR01D		09GR02		09GR03		09GR04		09GR04D	
	LAB SAMPLE ID ——>	X19119		X19127		X18813		X19135		X18767		X18775	
	ID FROM REPORT ——>	09GR01		09GR01D		09GR02		09GR03		09GR04		09GR04D	
	SAMPLE DATE ——>	02/01/94		02/04/94		02/03/94		02/04/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>												
	MATRIX ——>	Uater		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter		VAL		VAL		V M		VAL		VAL		VAL
HETAL	Aluminum	29.	UJ	29.	UJ	258.	J	375.	J	267.	J	425.	J
HETAL	Antimony	36.	UJ	36.	UJ	36.	UJ	36.	UJ	36.	UJ	36.	UJ
HETAL	Arsenic	4.	U	4.	U	7.5	U	4.	U	4.	U	4.	U
METAL	Barium	2.9	U	3.	U	129.		8.8	U	22.3		21.	
METAL	Beryllium	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
METAL	Cadmium	5.	U	5.	U	5.	U	S.	U	[illegible]	U	5.	U
METAL	Calcium	16200.		16000.		14400.		7390.		20300.		20200.	
METAL	Chromium	4.	UJ	4.	UJ	4.	UJ	4.	UJ	4.	UJ	4.	UJ
BETAL	Cobalt	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
METAL	Copper	3.	U	3.	U	5.8		3.	U	3.	U	3.	U
HETAL	Cyanide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
METAL	Iron	318.	J	318.	J	3940.	J	1240.	J	343.	J	218.	J
HETAL	Lead	2.	UJ	2.	UJ	27.		2.	UJ	2.6	J	2.5	J
HETAL	Magnesium	2200.		2220.		2500.		5210.		3200.		3180.	
HETAL	Manganese	10.8	J	10.8	J	59.3		51.6	J	691.		693.	
HETAL	Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
HETAL	Nickel	1s.	U	15.	U	15.	U	15.	U	15.	U	15.	U
HETAL	Potassium	1490.	J	1310.	J	1400.	J	2110.	J	1660.	J	1110.	J
HETAL	Selenium	5.	U	5.	U	5.	U	5.2		5.	U	5.	U
HETAL	Silver	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
HETAL	Sodium	10000.	J	10400.	J	14300.	J	20000.	J	6730.	J	6750.	J
HETAL	Thallium	8.	U	8.	U	8.	U	8.	U	8.	U	a.	U
HETAL	Vanadium	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
HETAL	Zinc	9.	U	9.	U	75.1		11.		23.6	J	15.	J

*** Validation Complete ***

	SAMPLE ID ——>	009-G-0001-00		009-H-0001-00		D09-G-0002-00		D09-G-0003-00		D09-G-0004-00		009-G-0004-00 D	
	ORIGINAL ID ——>	09GR01		09GR01D		D9GR02		D9GR03		D9GR04		09GR04D	
	LAB SAMPLE ID ——>	1911.9		1912.7		1881.3		1913.5		1876.7		1877.5	
	ID FROM REPORT ——>	09GR01		09GR01D		D9GR02		D9GR03		D9GR04		09GR04D	
	SAMPLE DATE ——>	02/04/94		02/04/94		02/03/94		02/04/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/11/94		02/11/94		02/10/94		02/11/94		02/10/94		02/10/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL
PEST	4,4'-DDD	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	4,4'-DDE	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	4,4'-DDT	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	Aldrin	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	Aroclor-1016	1.1	U	1.1	U	1.	UJ	1.1	UJ	1.1	U	1.1	U
PEST	Aroclor-1221	2.1	U	2.2	U	2.1	UJ	2.1	UJ	2.1	U	2.2	U
PEST	Aroclor-1232	1.1	U	1.1	U	1.	UJ	1.1	UJ	1.1	U	1.1	U
PEST	Aroclor-1242	1.1	U	1.1	U	1.	UJ	1.1	UJ	1.1	U	1.1	U
PEST	Aroclor-1248	1.1	U	1.1	U	1.	UJ	1.1	UJ	1.1	U	1.1	U
PEST	Aroclor-1254	1.1	U	1.1	U	1.	UJ	1.1	UJ	1.1	U	1.1	U
PEST	Aroclor-1260	1.1	U	1.1	U	1.	UJ	1.1	UJ	1.1	U	1.1	U
PEST	Dieldrin	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	Endosulfan I	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	Endosulfan II	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	Endosulfan sulfate	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	Endrin	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	Endrin aldehyde	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	Endrin ketone	0.11	U	0.11	U	0.1	UJ	0.11	UJ	0.11	U	0.11	U
PEST	Heptachlor	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	Heptachlor epoxide	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	Methoxychlor	0.53	U	0.55	U	0.52	UJ	0.53	UJ	0.53	U	0.54	U
PEST	Toxaphene	5.3	U	5.5	U	5.2	UJ	5.3	UJ	5.3	U	5.4	U
PEST	alpha-BHC	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	alpha-Chlordane	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	beta-BHC	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	delta-BHC	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	gamma-BHC (Lindane)	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	gamma-Chlordane	0.05	U	0.06	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

	SAMPLE ID	009-G-0001-00		009-H-0001-00		009-G-0002-00		009-G-0003-00		009-G-0004-00		D09-G-0004-00 D	
	ORIGINAL ID	09GR01		09GR01D		09GR02		09GR03		09GR04		D9GR04D	
	LAB SAMPLE ID	1911.9		1912.7		1881.3		1913.5		1876.7		1877.5	
	ID FROM REPORT	09GR01		09GR01D		09GR02		09GR03		09GR04		D9GR04D	
	SAMPLE DATE	02/04/94		02/04/94		02/03/94				02/03/94		D2/03/94	
	DATE EXTRACTED												
	DATE ANALYZED	02/13/94		02/13/94		02/13/94		02/13/94		02/13/94		D2/13/94	
	MATRIX	Water		Water		Mater		Mater		Mater		Water	
	UNITS	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL
SVOA	1,2,4-Trichlorobenzene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	1,2-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	1,3-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	1,4-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2,4,5-Trichlorophenol	27.	U	26.	U	27,	U	27.	U	28.	U	25.	U
SVOA	2,4,6-Trichlorophenol	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2,4-Dichlorophenol	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2,4-Dimethylphenol	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2,4-Dinitrophenol	27.	U	26.	U	27.	R	27.	U	a.	R	25.	R
SVOA	2,4-Dinitrotoluene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2,6-Dinitrotoluene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2-Chloronaphthalene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2-Chlorophenol	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2-Methylnaphthalene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2-Methylphenol (o-Cresol)	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2-Nitroanilim	27.	U	26.	U	27.	U	27.	U	26.	U	25.	U
SVOA	2-Nitrophenol	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	3,3'-Dichlorobenzidine	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	3-Nitroaniline	27.	U	26.	U	27.	U	27.	U	28.	U	25.	U
SVOA	4,6-Dinitro-2-methylphenol	27.	U	26.	U	27.	U	27.	U	28.	U	25.	U
SVOA	4-Bromophenyl-phenylether	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	4-Chloro-3-methylphenol	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	4-Chloroaniline	11.	UJ	10.	UJ	11.	R	11.	UJ	11.	R	10.	R
SVOA	4-Chlorophenyl-phenylether	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	4-Methylphenol (p-Cresol)	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	4-Nitroaniline	27.	U	26.	U	27.	U	27.	U	a.	U	25.	U
SVOA	4-Nitrophenol	27.	U	26.	U	27.	U	27.	U	26.	U	25.	U
SVOA	Acenaphthene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Acenaphthylene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Anthracene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Benzo(a)anthracene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Benzo(a)pyrene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Benzo(b)fluoranthene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Benzo(g,h,i)perylene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Benzo(k)fluoranthene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Butylbenzylphthalate	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U

+ Validation Complete ***

PENSACOLA, SITB 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID		009-G-0001-00		009-H-0001-00		009-G-0002-00		009-G-0003-00		009-G-0004-00		009-G-0004-00 D	
ORIGINAL ID		09GR01		09GR01D		09GR02		09GR03		09GR04		09GR04D	
LAB SAMPLE ID		1911.9		1912.7		1881.3		1913.5		1876.7		1877.5	
ID FROM REPORT		09GR01		09GR01D		09GR02		09GR03		09GR04		09GR04D	
SAMPLE DATE		02/04/94		02/04/94		02/03/94		02/04/94		02/03/94		02/03/94	
DATE EXTRACTED													
DATE ANALYZED		02/13/94		02/13/94		02/13/94		02/13/94		02/13/94		02/13/94	
MATRIX		Water		Water		Water		Water		Water		Water	
UNITS		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CTS02	VAL	CTS02	VAL	CTS02	VAL	CTS02	VAL	CTS02	VAL	CTS02	VAL
SVOA	Carbazole	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Chrysene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Di-n-butylphthalate	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Di-n-octylphthalate	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Dibenzo(a,h)anthracene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Dibenzofuran	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Diethylphthalate	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Dimethylphthalate	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Fluoranthene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Fluorene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Hexachlorobenzene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Hexachlorobutadiene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Hexachlorocyclopentadiene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Hexachloroethane	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Isophorone	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	N-Nitroso-di-n-propylamine	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	N-Nitrosodiphenylamine	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Naphthalene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Nitrobenzene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Pentachlorophenol	27.	U	26.	U	27.	U	27.	U	28.	U	25.	U
SVOA	Phenanthrene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Phenol	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	Pyrene	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	bis(2-Chloroethoxy)methane	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	bis(2-Chloroethyl)ether	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U	11.	U	11.	U	11.	U	10.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-G-0001-00		009-H-0001-00		009-G-0002-00		009-G-0003-00		009-G-0004-00		009-G-0004-00 D	
	ORIGINAL ID ——>	09GR01		09GR01D		09GR02		09GR03		09GR04		09GR04D	
	LAB SAMPLE ID ——>												
	ID FROM REPORT ——>	09GR01		09GR01D		09GR02		09GR03		09GR04		09GR04D	
	SAMPLE DATE ——>	02/04/94		02/04/94		02/03/94		02/04/94		02/03/94		02/03/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/09/94		02/09/94		02/08/94		02/09/94		02/08/94		02/08/94	
	MATRIX ——>	Water		Uater		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L				UG/L		UG/L		UG/L	
Method	Parameter	CT502	VAL	CT502	V M	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL
10A	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Acetone	10.	U	10.	U	30.	U	10.	U	10.	U	10.	U
10A	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Methylene chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	m+p-Xylenes	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10A	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID		009-G-0005-00		009-G-0006-00		009-G-0007-00		009-G-0008-00		009-G-0009-00		009-G-GW29-00	
ORIGINAL ID		09GR05		09GR06		09GR07		09GR08		09GR09		09GGR29	
LAB SAMPLE ID		X18805		X18830		X18791		X18821		X18783		X19151	
ID FROM REPORT		09GR05		09GR06		09GR07		09GR08		09GR09		09GGR29	
SAMPLE DATE		02/03/94		02/03/94		02/03/94		02/03/94		02/03/94		02/04/94	
DATE EXTRACTED													
DATE ANALYZED													
MATRIX		Water		Water		Water		Water		Water		Water	
UNITS		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter		VAL		VAL		VAL		VAL		VAL		VAL
WTAL	Aluminum	404.	J	1190.	J	630.	J	393.	J	2050.	J	29.	UJ
METAL	Antimony	36.	UJ	36.	UJ	36.	UJ	36.	UJ	36.	UJ	36.	UJ
MTAL	Arsenic	4.	U	10.2	J	4.	U	6.6	J	4.	U	4.	U
METAL	Barium	15.4		41.6		34.6		51.3		26.1		30.7	
WTAL	Beryllium	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
METAL	Cadmium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
METAL	Calcium	11900.		17700.		22100.		17400.		10900.		36100.	
METAL	Chromium	4.	UJ	4.	UJ	4.	UJ	4.	UJ	6.	UJ	4.	UJ
MTAL	Cobalt	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
METAL	Copper	3.	U	5.9		4.6		3.	U	5.6		3.	U
METAL	Cyanide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
METAL	Iron	1300.	J	1180.	J	544.	J	162.	U	1060.	J	819.	J
METAL	Lead	2.3	J	3.1	J	2.7	J	2.	J	3.4	J	7.2	J
METAL	Magnesium	2400.		3100.		3000.		1590.		1340.		1670.	
METAL	Manganese	1%.		357.		298.		21.8	J	61.2		30.4	
METAL	Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
WTAL	Nickel	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
METAL	Potassium	601.	J	1250.	J	1850.	J	1840.	J	1300.	J	1190.	J
METAL	Selenium	5.	U	5.	U	5.	U	6.1		5.	U	5.	U
METAL	Silver	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
METAL	Sodium	2430.	J	4860.	J	11200.	J	3390.	J	3920.	J	3270.	J
METAL	Thallium	8.	U	8.	U	8.	U	8.	U	8.	U	8.	U
METAL	Vanadium	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
METAL	Zinc	14.6		61.8		21.5		61.1		58.7		9.	U

+++ Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-G-0005-00		009-G-0006-00		009-G-0007-00		009-G-0008-00		009-G-0009-00		009-G-GM29-00	
	ORIGINAL ID ——>	09GR05		09GR06		09GR07		09GR08		D9GR09		09GGM29	
	LAB SAMPLE ID ——>	1880.5		1883.0		1879.1		1822.1		1878.3		1915.1	
	ID FROM REPORT ——>	09GR05		09GR06		09GR07		09GR08		D9GR09		09GGM29	
	SAMPLE DATE ——>	02/03/94		02/03/94		02/03/94		02/03/94		D2/03/94		02/04/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/11/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	20513	VAL	CT502	VAL
PEST	4,4'-DDD	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	4,4'-DDE	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	4,4'-DDT	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	Aldrin	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	Aroclor-1016	1.	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
PEST	Aroclor-1221	2.1	UJ	2.2	U	2.3	U	2.2	U	2.2	U	2.2	U
PEST	Aroclor-1232	1.	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
PEST	Aroclor-1242	1.	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
PEST	Aroclor-1248	1.	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
PEST	Aroclor-1254	1.	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
PEST	Aroclor-1260	1.	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
PEST	Dieldrin	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	Endosulfan I	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	Endosulfan II	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	Endosulfan sulfate	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	Endrin	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	Endrin aldehyde	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	Endrin ketone	0.1	UJ	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
PEST	Heptachlor	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	Heptachlor epoxide	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	Methoxychlor	0.52	UJ	0.54	U	0.57	U	0.56	U	0.56	U	0.56	U
PEST	Toxaphene	5.2	UJ	5.4	U	5.7	U	5.6	U	5.6	U	5.6	U
PEST	alpha-BHC	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	alpha-Chlordane	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	beta-BHC	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	delta-BHC	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	gamma-BHC (Lindane)	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	gamma-Chlordane	0.05	UJ	0.05	U	0.06	U	0.06	U	0.06	U	0.06	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-G-0005-00		009-G-0006-00		009-G-0007-00		009-G-0008-00		009-G-0009-00		009-G-GW29-00	
	ORIGINAL ID ——>	09GR05		09GR06		09GR07		09GR08		09GR09		09GGW29	
	LAB SAMPLE ID ——>	1880.5		1883.0		1879.1		1882.1		1878.3		1915.1	
	ID FROM REPORT ——>	09GR05		09GR06		09GR07		09GR08		09GR09		09GGW29	
	SAMPLE DATE ——>	02/03/94		02/03/94		02/03/94		02/03/94		02/03/94		02/04/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/13/94		02/13/94		02/13/94		02/13/94		02/13/94		02/13/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL
SVOA	1,2,4-Trichlorobenzene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	1,2-Dichlorobenzene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	1,3-Dichlorobenzene	11.	U	10.	U	10.	U	11.	U		U	10.	U
SVOA	1,4-Dichlorobenzene	11.	U	10.	U	10.	U	11.	U	10.	U		U
SVOA	2,4,5-Trichlorophenol	28.	U	26.	U	26.	U	28.	U	26.	U	10.	U
SVOA	2,4,6-Trichlorophenol	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2,4-Dichlorophenol	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2,4-Dimethylphenol	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2,4-Dinitrophenol	28.	R	26.	R	26.	R	28.	R	26.	R	26.	R
SVOA	2,4-Dinitrotoluene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2,6-Dinitrotoluene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2-Chloronaphthalene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2-Chlorophenol	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2-Methylnaphthalene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2-Methylphenol (o-Cresol)	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2-Nitroaniline	28.	U	26.	U	26.	U	28.	U	26.	U	26.	U
SVOA	2-Nitrophenol	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	3,3'-Dichlorobenzidine	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	3-Nitroaniline	28.	U	26.	U	26.	U	28.	U	26.	U	26.	U
SVOA	4,6-Dinitro-2-methylphenol	28.	U	26.	U	26.	U	28.	U	26.	U	26.	U
SVOA	4-Bromophenyl-phenylether	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	4-Chloro-3-methylphenol	11.	U	10.	U	10.	U	11.	U		U	10.	U
SVOA	4-Chloroaniline	11.	R	10.	R	10.	R	11.	R	10.	R	10.	R
SVOA	4-Chlorophenyl-phenylether	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	4-Methylphenol (p-Cresol)	11.	U	10.	U	10.	U	11.	U		U	10.	U
SVOA	4-Nitroaniline	28.	U	26.	U	26.	U	28.	U	26.	U	26.	U
SVOA	4-Nitrophenol	28.	U	26.	U	26.	U	28.	U	26.	U	26.	U
SVOA	Acenaphthene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Acenaphthylene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Anthracene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Benzo(a)anthracene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Benzo(a)pyrene	11.	U	10.	U	10.	U	11.	U		U	10.	U
SVOA	Benzo(b)fluoranthene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Benzo(g,h,i)perylene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Benzo(k)fluoranthene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Butylbenzylphthalate	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U

*** Validation Complete ***

	SAMPLE ID ——>	009-G-0005-00		009-G-0006-00		009-G-0007-00		009-G-0008-00		009-G-0009-00		009-G-GM29-00	
	ORIGINAL ID ——>	09GR05		09GR06		09GR07		09GR08		09GR09		09GGM29	
	LAB SAMPLE ID ——>	1880.5		1883.0		1879.1		1882.1		1878.3		1915.1	
	ID FROM REPORT ——>	09GR05		09GR06		09GR07		09GR08		09GR09		09GGM29	
	SAMPLE DATE ——>	02/03/94		02/03/94		02/03/94		02/03/94		02/03/94		02/04/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/13/94		02/13/94		02/13/94		02/13/94		02/13/94		02/13/94	
	MATRIX ——>	Water		Water		Mater		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL
SVOA	Carbazole	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Chrysene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Di-n-butylphthalate	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Di-n-octylphthalate	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Dibenzo(a,h)anthracene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Dibenzofuran	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Diethylphthalate	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Dimethylphthalate	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Fluoranthene	11'.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	fluorene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Hexachlorobenzene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Hexachlorobutadiene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Hexachlorocyclopentadiene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Hexachloroethane	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Isophorone	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	N-Nitroso-di-n-propylamine	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	N-Nitrosodiphenylamine	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Naphthalene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Nitrobenzene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Pentachlorophenol	28.	U	26.	U	26.	U	28.	U	26.	U	26.	U
SVOA	Phenanthrene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Phenol	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	Pyrene	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	bis(2-Chloroethoxy)methane	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	bis(2-Chloroethyl)ether	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U	10.	U	11.	U	10.	U	10.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>	009-G-0005-00	009-G-0006-00	009-G-0007-00	009-G-0008-CO	009-G-0009-CO	009-G-GM29-00
ORIGINAL ID ——>	09GR05	09GR06	09GR07	09GR08	09GR09	09GGM29
LAB SAMPLE ID —>						
ID FROM REPORT —>	09GR05	09GR06	09GR07	09GR08	09GR09	09GGM29
SAMPLE DATE ——>	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/04/94
DATE EXTRACTED —>						
DATE ANALYZED —>	02/08/94	02/09/94	02/08/94	02/08/94	02/08/94	02/09/94
MATRIX ——>	Water	Water	Water	Water	Water	Water
UNITS ——>	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L

Method	Parameter	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	2-Hexanone	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Acetone	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Benzene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Bromoform	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Bromomethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Carbon disulfide	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Chlorobenzene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Chloroethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Chloroform	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Chloromethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Ethylbenzene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Methylene chloride	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Styrene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Toluene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Trichloroethene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	Vinyl chloride	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	m+p-Xylenes	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U			10.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U			10.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>	009-G-GM30-00
ORIGINAL ID ——>	09GGM30
LAB SAMPLE ID —>	X19160
ID FROM REPORT —>	09GGM30
SAMPLE DATE ——>	02/04/94
DATE EXTRACTED —>	
DATE ANALYZED —>	
MATRIX ————>	Water
UNITS ————>	UG/L

Method	Parameter		VAL
METAL	Aluminum	268.	J
METAL	Antimony	36.	UJ
METAL	Arsenic	5.5	U
METAL	Barium	3.9	U
METAL	Berylliua	3.	U
METAL	Cadmium	5.	U
METAL	Calcium	3600.	
METAL	Chromium	4.	UJ
METAL	Cobalt	6.	U
METAL	Copper	3.	U
METAL	Cyanide	10.	U
METAL	Iron	1230.	J
METAL	Lead	2.	UJ
METAL	Magnesium	2400.	
METAL		27.8	J
METAL	Mercury	0.2	U
METAL	Nickel	15.	U
METAL	Potassium	2550.	J
METAL	Selenium	5.	U
METAL	Silver	6.	U
METAL	Sodium	4050.	J
METAL	Thallium	8.	U
METAL	Vanadium	6.	U
METAL	Line	56.2	

*** Validation Complete **+

SAMPLE ID ——>	009-G-GM30-Co
ORIGINAL ID ——>	09GGM30
LAB SAMPLE ID ——>	1916.0
ID FROM REPORT ——>	09GGM30
SAMPLE DATE ——>	02/04/94
DATE EXTRACTED ——>	
DATE ANALYZED ——>	02/11/94
MATRIX ——>	Water
UNITS ——>	UG/L

Method	Parameter	CT502	VAL
PEST	4,4'-DDD	0.11	UJ
PEST	4,4'-DDE	0.11	UJ
PEST	4,4'-DDT	0.11	UJ
PEST	Aldrin	0.05	UJ
PEST	Aroclor-1016	1.1	UJ
PEST	Aroclor-1221	2.1	UJ
PEST	Aroclor-1232	1.1	UJ
PEST	Aroclor-1242	1.1	UJ
PEST	Aroclor-1248	1.1	UJ
PEST	Aroclor-1254	1.1	UJ
PEST	Aroclor-1260	1.1	UJ
PEST	Dieldrin	0.11	UJ
PEST	Endosulfan I	0.05	UJ
PEST	Endosulfan II	0.11	UJ
PEST	Endosulfan sulfate	0.11	UJ
PEST	Endrin	0.11	UJ
PEST	Endrin aldehyde	0.11	UJ
PEST	Endrin ketone	0.11	UJ
PEST	Heptachlor	0.05	UJ
PEST	Heptachlor epoxide	0.05	UJ
PEST	Methoxychlor	0.53	UJ
PEST	Toxaphene	5.3	UJ
PEST	alpha-BHC	0.05	UJ
PEST	alpha-Chlordane	0.05	UJ
PEST	beta-BHC	0.05	UJ
PEST	delta-BHC	0.05	UJ
PEST	gamma-BHC (Lindane)	0.05	UJ
PEST	gamma-Chlordane	0.05	UJ
PEST	Endrin aldehyde	NR	

*** Validation Complete ***

SAMPLE ID ——>	009-G-GM30-00
ORIGINAL ID ——>	09GGM30
LAB SAMPLE ID —>	1916.0
ID FROM REPORT —>	09GGM30
SAMPLE DATE ——>	02/04/94
DATE EXTRACTED —>	
DATE ANALYZED —>	02/13/94
MATRIX ——>	Water
UNITS ——>	UG/L

Method	Parameter	CT502	VAL
SVOA	1,2,4-Trichlorobenzene	10.	U
SVOA	1,2-Dichlorobenzene	10.	U
SVOA	1,3-Dichlorobenzene	10.	U
SVOA	1,4-Dichlorobenzene	10.	U
SVOA	2,4,5-Trichlorophenol	26.	U
SVOA	2,4,6-Trichlorophenol	10.	U
SVOA	2,4-Dichlorophenol	10.	U
SVOA	2,4-Dimethylphenol	10.	U
SVOA	2,4-Dinitrophenol	26.	R
SVOA	2,4-Dinitrotoluene	10.	U
SVOA	2,6-Dinitrotoluene	10.	U
SVOA	2-Chloronaphthalene	10.	U
SVOA	2-Chlorophenol	10.	U
SVOA	2-Methylnaphthalene	10.	U
SVOA	2-Methylphenol (o-Cresol)	10.	U
SVOA	2-Nitroanilirn	26.	U
SVOA	2-Nitrophenol	10.	U
SVOA	3,3'-Dichlorobenzidine	10.	U
SVOA	3-Nitroanilirn	26.	U
SVOA	4,6-Dinitro-2-methylphenol	26.	U
SVOA	4-Bromophenyl-phenyl ether	10.	U
SVOA	4-Chloro-3-methylphenol	10.	U
SVOA	4-Chloroaniline	10.	R
SVOA	4-Chlorophenyl-phenylether	10.	U
SVOA	4-Methylphenol (p-Cresol)	10.	U
SVOA	4-Nitroanilim	26.	U
SVOA	4-Nitrophenol	26.	U
SVOA	Acenaphthene	10.	U
SVOA	Acenaphthylene	10.	U
SVOA	Anthracene	10.	U
SVOA	Benzo(a)anthracene	10.	U
SVOA	Benzo(a)pyrene	10.	U
SVOA	Benzo(b)fluoranthene	10.	U
SVOA	Benzo(g,h,i)perylene	10.	U
SVOA	Benzo(k)fluoranthene	10.	U
SVOA	Butylbenzylphthalate	10.	U

*** Validation Complete ***

SAMPLE ID ——>	009-G-GM30-00
ORIGINAL ID ——>	09GGM30
LAB SAMPLE ID ——>	1916.0
ID FROM REPORT ——>	09GGM30
SAMPLE DATE ——>	02/04/94
DATE EXTRACTED ——>	
DATE ANALYZED ——>	02/13/94
MATRIX ——>	Water
UNITS ——>	UG/L

Method	Parameter	CT502	VAL
SVOA	Carbazole	10.	U
SVOA	Chrysene	10.	U
SVOA	Di-n-butylphthalate	10.	U
SVOA	Di-n-octylphthalate	10.	U
SVOA	Dibenzo(a,h)anthracene	10.	U
SVOA	Dibenzofuran	10.	U
SVOA	Diethylphthalate	10.	U
SVOA	Dimethylphthalate	10.	U
SVOA	Fluoranthene	10.	U
SVOA	Fluorene	10.	U
SVOA	Hexachlorobenzene	10.	U
SVOA	Hexachlorobutadiene	10.	U
SVOA	Hexachlorocyclopentadiene	10.	U
SVOA	Hexachloroethane	10.	U
SVOA	Indeno(1,2,3-cd)pyrene	10.	U
SVOA	Isophorone	10.	U
SVOA	N-Nitroso-di-n-propylamine	10.	U
SVOA	N-Nitrosodiphenylamine	10.	U
SVOA	Naphthalene	10.	U
SVOA	Nitrobenzene	10.	U
SVOA	Pentachlorophenol	26.	U
SVOA	Phenanthrene	10.	U
SVOA	Phenol	10.	U
SVOA	Pyrene	10.	U
SVOA	bis(2-Chloroethoxy)methane	10.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
SVOA	bis(2-Chloroethyl)ether	10.	U
SVOA	2,2'-oxybis(1-Chloropropane)	10.	U

SAMPLE ID ——>	009-G-GM30-00
ORIGINAL ID ——>	09GGM30
LAB SAMPLE ID —>	
ID FROM REPORT —>	09GGM30
SAMPLE DATE ——>	02/04/94
DATE EXTRACTED —>	
DATE ANALYZED —>	02/09/94
MATRIX ———>	Water
UNITS ———>	UG/L

Method	Parameter	CT502	VAL
VOA	1,1,1-Trichloroethane	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U
VOA	1,1,2-Trichloroethane	10.	U
VOA	1,1-Dichloroethane	10.	U
VOA	1,1-Dichloroethene	10.	U
VOA	1,2-Dichloroethane	10.	U
VOA	1,2-Dichloroethene (total)	10.	U
VOA	1,2-Dichloropropane	10.	U
VOA	2-Butanone (MEK)	10.	U
VOA	2-Hexanone	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U
VOA	Acetone	10.	U
VOA	Benzene	10.	U
VOA	Bromodichloromethane	10.	U
VOA	Bromoform	10.	U
VOA	Bromomethane	10.	U
VOA	Carbon disulfide	10.	U
VOA	Carbon tetrachloride	10.	U
VOA	Chlorobenzene	10.	U
VOA	Chloroethane	10.	U
VOA	Chloroform	10.	U
VOA	Chloromethane	10.	U
VOA	Dibromochloromethane	10.	U
VOA	Ethylbenzene	10.	U
VOA	Methylene chloride	10.	U
VOA	Styrene	10.	U
VOA	Tetrachloroethene	10.	U
VOA	Toluene	10.	U
VOA	Trichloroethene	10.	U
VOA	Vinyl chloride	10.	U
VOA	m+p-Xylenes	10.	U
VOA	cis-1,3-Dichloropropene	10.	U
VOA	trans-1,3-Dichloropropene	10.	U

*** Validation Complete ***

DATALCP3
05/02/95

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

SAMPLE ID	009-G-GR02-02
ORIGINAL ID	009GGR0202
LAB SAMPLE ID	669365
ID FROM REPORT	09GGR0202
SAMPLE DATE	12/15/94
DATE EXTRACTED	
DATE ANALYZED	
MATRIX	Water
UNITS	UG/L

Method	Parameter	982161	VAL
METAL	Aluminum	221.	J
MTAL	Antimony	1.9	U
METAL	Arsenic	3.5	U
METAL	Barium	16.6	J
MTAL	Beryllium	0.1	U
METAL	Cadmium	0.5	U
MTAL	Calcium	9430.	
MTAL	Chromium	2.2	U
MTAL	Cobalt	0.5	U
METAL	Copper	1.	U
MTAL	Iron	1650.	
MTAL	Lead	1.6	U
MTAL	Magnesium	2260.	
METAL	Manganese	19.2	
MTAL	Mercury	0.2	U
METAL	Nickel	1.5	U
MTAL	Potassium	1420.	
METAL	Selenium	4.4	U
METAL	Silvrr	0.6	U
METAL	Sodium	12100.	J
METAL	Thallium	5.5	U
METAL	Vanadium	0.5	U
METAL	Zinc	23.8	
METAL	Cyanide	NR	

+++ Validation Complete ***

Site *29*

Groundwater Analytical Data

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID →		029-G-0001-00		029-G-0002-00		029-G-0003-00		029-G-0004-00		029-G-0005-00		029-G-0006-00	
ORIGINAL ID →		29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
LAB SAMPLE ID →		39252-017		39252-015		39252-019		39252-018		39252-014		39252-013	
ID FROM REPORT →		29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
SAMPLE DATE →		02/08/94		02/08/94		02/08/94		02/08/94		02/08/94		02/08/94	
DATE EXTRACTED →													
DATE ANALYZED →													
MATRIX →		Water		Water		Water		Water		Water		Water	
UNITS →		UG/L		UG/L				UG/L		UG/L		UG/L	
Method	Parameter		VAL		VAL		VAL		VAL		VAL		VAL
METAL	Aluminum	1000.		64.4	U	203.		649.		49.6	U	450.	
METAL	Antimony	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U
METAL	Arsenic	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
METAL	Barium	25.7	U	32.5	U	33.1	U	14.4	U	12.3	U	14.9	U
METAL	Beryllium	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
METAL	Cadmium	2.1	UJ	2.1	UJ	2.1	UJ	2.1	UJ	2.1	UJ	2.1	UJ
METAL	Calcium	36900.		35900.		35700.		32500.		32800.		34300.	
METAL	Chromium	3.9	U	2.6	U	2.4	U	4.8	U	5.	U	8.6	U
METAL	Cobalt	3.2	U	3.2	U	3.2	U	3.3	U	5.2	U	3.2	U
METAL	Copper	2.6	U	2.6	U	2.6	U	2.4	U	2.6	U	2.6	U
METAL	Cyanide	1.	U	1.	U	1.6	U	1.	U	1.5	U	2.9	U
METAL	Iron	1400.		39.1		93.1		262.		12.	U	73.1	U
METAL	Lead	7.8		1.4	U	0.7	U	4.1		0.7	U	0.7	U
METAL	Magnesium	1650.		1840.		1350.		1180.		797.		631.	
METAL	Manganese	253.		270.		78.3		6.3	U	91.8		3.8	U
MTAL	Mercury	0.1	U	0.24	U	0.1	U	0.1	U	0.1	U	0.32	U
METAL	Nickel	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U
METAL	Potassiw	10500.		15600.		7160.		10500.		11300.		5680.	
METAL	Selenium	1.?	U	1.7	U	1.7	U	1.?	U	1.?	U	1.7	U
METAL	Silvrr	3.6	U	5.6	U	3.6	U	3.6	U	5.7	U	3.9	
HETAL	Sodium	9330.		10000.		4760.		5790.		5380.		3940.	
HETAL	Thallium	2.8	U	2.8	U	2.0	U	2.8	U	2.8	U	2.8	U
METAL	Vanadium	5.		4.8		4.4		7.6		7.3		7.6	
METAL	Zinc	10.1		3.2	U	6.8	U	4.9	U	3.6	U	7.2	U

+++ Validation Complete +**

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-G-0001-00		029-G-0002-00		029-G-0003-00		029-G-0004-00		029-G-0005-00		029-G-0006-00	
	ORIGINAL ID ——>	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	LAB SAMPLE ID ——>	39252-6		39252-4		39252-8		39252-7		39252-3		39252-2	
	ID FROM REPORT ——>	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	SAMPLE DATE ——>	02/08/94		02/08/94		02/08/94		02/08/94		02/08/94		02/08/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/13/94		02/13/94		02/13/94		02/13/94		02/13/94		02/13/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT508	VAL	[illegible]	VAL	CT508	VAL	[illegible]	VAL	CT508	VAL	CT508	VAL
PEST	4,4'-DDD	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	4,4'-DDE	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	4,4'-DDT	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	Aldrin	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	Aroclor-1016	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
PEST	Aroclor-1221	2.1	U	2.2	U	2.2	U	2.3	U	2.4	U	2.2	U
PEST	Aroclor-1232	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
PEST	Aroclor-1242	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
PEST	Aroclor-1248	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
PEST	Aroclor-1254	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
PEST	Aroclor-1260	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
PEST	Dieldrin	0.13		0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	Endosulfan I	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	Endosulfan II	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	Endosulfan sulfate	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	Endrin	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		NR	
PEST	Endrin ketone	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U
PEST	Heptachlor	0.054	U	0.056	U	0.068	U	0.056	U	0.06	U	0.054	U
PEST	Heptachlor epoxide	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	Methoxychlor	0.54	U	0.56	U	0.56	U	0.56	U	0.6	U	0.54	U
PEST	Toxaphene	5.4	U	5.6	U	5.6	U	5.6	U	6.	U	5.4	U
PEST	alpha-BHC	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	alpha-Chlordane	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	beta-BHC	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	delta-BHC	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	gamma-BHC (Lindane)	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	gamma-Chlordane	0.054	U	0.056	U	0.056	U	0.056	U	0.06	U	0.054	U
PEST	Endrin aldehyde	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U

	SAMPLE ID ——>	029-G-0001-00		029-G-0002-00		029-G-0003-00		029-G-0004-00		029-G-0005-00		029-G-0006-00	
	ORIGINAL ID ——>	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	LAB SAMPLE ID ——>	39252-6		39252-4		39252-8		39252-7		39252-3		39252-2	
	ID FROM REPORT ——>	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	SAMPLE DATE ——>	02/08/94		02/08/94		02/08/94		02/08/94		02/08/94		02/08/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Prrmtcr	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL
SVOA	1,2,4-Trichlorobenzene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	1,2-Dichlorobenzene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	1,3-Dichlorobenzene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	1,4-Dichlorobenzene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2,4,5-Trichlorophenol	29.	U	28.	U	26.	U	26.	U	29.	U	27.	U
SVOA	2,4,6-Trichlorophenol	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2,4-Dichlorophenol	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2,4-Dimethylphenol	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2,4-Dinitrophenol	29.	U	28.	U	26.	U	28.	U	29.	U	27.	U
SVOA	2,4-Dinitrotoluene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2,6-Dinitrotoluene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2-Chloronaphthalene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2-Chlorophenol	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2-Methylnaphthalene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2-Methylphenol (o-Cresol)	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2-Nitroaniline	29.	U	28.	U	26.	U	28.	U	29.	U	27.	U
SVOA	2-Hitrophenol	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	3,3'-Dichlorobenzidine	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	3-Mitroaniline	29.	U	28.	U	26.	U	28.	U	29.	U	27.	U
SVOA	4,6-Dinitro-2-methylphenol	29.	U	28.	U	26.	U	28.	U	29.	U	27.	U
SVOA	4-Bromophenyl-phenylether	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	4-Chloro-3-methylphenol	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	4-Chloroaniline	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	4-Chlorophenyl-phenylether	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	4-Methylphenol (p-Cresol)	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	4-Nitroaniline	29.	U	26.	U	26.	U	28.	U	29.	U	27.	U
SVOA	4-Nitrophenol	29.	U	28.	U	26.	U	28.	U	29.	U	27.	U
SVOA	Acenaphthene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Acenaphthylene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Anthracene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Benzo(a)anthracene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Benzo(a)pyrene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Benzo(b)fluoranthene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Benzo(g,h,i)perylene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Benzo(k)fluoranthene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Butylbenzylphthalate	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

	SAMPLE ID ——>	029-G-0001-00		029-G-0002-00		029-G-0003-00		029-G-0004-00		029-G-0005-00		029-G-0006-00	
	ORIGINAL ID ——>	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	LAB SAMPLE ID ——>	39252-6		39252-4		39252-8		39252-7		39252-3		39252-2	
	ID FROM REPORT ——>	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	SAMPLE DATE ——>	02/08/94		02/08/94		02/08/94		02/08/94		02/08/94		02/08/94	
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL
SVOA	Carbazole	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Chrysene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Di-n-butylphthalate	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Di-n-octylphthalate	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Dibenzo(a,h)anthracene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Dibenzofuran	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Diethylphthalate	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Dimethylphthalate	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Fluoranthene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Fluorene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Hexachlorobenzene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Hexachlorobutadiene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Hexachlorocyclopentadiene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Hexachloroethane	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Indeno(1,2,3-cd)pyrene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA		12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	N-Nitroso-di-n-propylamine	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	N-Nitrosodiphenylamine	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Naphthalene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Nitrobenzene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Pentachlorophenol	29.	U	a.	U	26.	U	I.	U	29.	U	27.	U
SVOA	Phenanthrene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Phenol	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	Pyrene	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	bis(2-Chloroethoxy)methane	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	bis(2-Chloroethyl)ether	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
SVOA	2,2'-oxybis(1-Chloropropane)	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID →	029-G-m1-00		029-G-0002-00		029-G-0003-00		029-G-0004-00		029-G-0005-00		029-G-0006-00	
	ORIGINAL ID →	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	LAB SAMPLE ID →	39252-39		39252-37		39252-41		39252-40		39252-36		39252-35	
	ID FROM REPORT →	29GR01		29GR02		29GR03		29GR04		29GR05		29GR06	
	SAMPLE DATE →	02/06/94		02/08/94		02/08/94		02/00/94		02/08/94		02/08/94	
	DATE EXTRACTED →												
	DATE ANALYZED →	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX →	Water		Water		Uater		Uater		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL
VOA	1,1,1-Trichloroethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	1,1,2-Trichloroethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	1,1-Dichloroethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	1,1-Dichlomethene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	1,2-Dichloroethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	1,2-Dichloroethene (total)	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	1,2-Dichloropropane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	2-Butanone (MEK)	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	2-Hexanone	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Acetone	17.	u	74.	u	n.	u	u.	u	10.	u	10.	U
VOA	Benzene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Bromodichloromethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Bromoform	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Bromomethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Carbon disulfide	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Carbon tetrachloride	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Chlorobenzene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Chloroethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Chloroform	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Chloromethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Dibromochloromethane	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Ethylbenzene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Methylene chloride	10.	u	10.	u	10.	u	5.	u	10.	u	10.	U
VOA	Styrene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Tetrachloroethene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Toluene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Trichloroethene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	Vinyl chloride	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	m+p-Xylenes	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VOA	cis-1,3-Dichloropropene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U
VV	trans-1,3-Dichloropropene	10.	u	10.	u	10.	u	10.	u	10.	u	10.	U

+++ Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-G-0007-00		029-G-0008-00		029-G-0008-00 D		029-G-0009-00		029-G-GW07-00		
	ORIGINAL ID	29GR07		29GR08		29GR08D		29GR09		29GGW07		
	LAB SAMPLE ID	39252-012		39252-020		39252-021		39252-016		39252-022		
	ID FROM REPORT	29GR07		29GR08		29GR08D		29GR09		29GGW07		
	SAMPLE DATE	02/08/94		02/08/94		02/08/94		02/08/94		02/08/94		
	DATE EXTRACTED											
	DATE ANALYZED											
	MATRIX	Water		Water		Water		Water		Water		
	UNITS	UG/L		UG/L		UG/L		UG/L		UG/L		
Method	Parameter		VAL		VAL		VAL		VAL		VAL	
MTAL	Aluminum	269.		2060.		1830.		295.		17.9	U	
MTAL	Antimony	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U	
METAL	Arsenic	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	
MTAL	Barium	36.2	U	12.4	U	12.4	U	7.9	U	53.6		
MTAL	Beryllium	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	
METAL	Cadmium	2.1	UJ	2.1	UJ	2.1	UJ	2.1	UJ	2.1	UJ	
MTAL	Calcium	29200.		20900.		20500.		23900.		19900.		
MTAL	Chromium	3.	U	6.3	U	6.6	U	2.3	U	2.3	U	
METAL	Cobalt	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U	
METAL	Copper	2.6	U	3.9	U	3.9	U	2.6	U	2.6	U	
MTAL	Cyanide	1.	U	1.	U	1.	U	1.2	U	276.		
METAL	Iron	227.		1240.		1150.		170.		740.		
METAL	Lead	4.3		9.2		9.6		0.7	U	0.91	U	
METAL	Magnesium	1310.		1280.		1250.		1070.		1010.		
METAL	Manganese	163.		81.6		79.1		69.1		138.		
METAL	Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	
MTAL	Nickel	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U	
METAL	Potassium	3610.		1250.		1420.		6160.		2910.		
MTAL	Selenium	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
MTAL	Silver	3.6	U	3.6	U	3.8		3.6	U	3.6	U	
METAL	Sodium	3480.		2210.		2170.		3650.		3890.		
METAL	Thallium	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U	
METAL	Vanadium	5.2		7.3		9.1		6.3		3.3	U	
METAL	Zinc	22.1		22.1		22.1		7.8		4.2		

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID		029-G-0007-00		029-G-0008-00		029-G-0008-00 D		029-G-0009-00		029-G-GM07-00	
ORIGINAL ID		29GR07		29GR08		29GR08D		29GR09		29GGM07	
LAB SAMPLE ID		39252-1		39252-9		39252-10		39252-5		39252-11	
ID FROM REPORT		29GR07		29GR08		29GR08D		29GR09		29GGM07	
SAMPLE DATE		02/08/94		02/08/94		02/08/94		02/08/94		02/08/94	
DATE EXTRACTED											
DATE ANALYZED		02/13/94		02/13/94		02/13/94		02/13/92		02/13/92	
MATRIX		Water		Water		Uatcr		Water		Water	
UNITS		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL
PEST	4,4'-DDD	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	4,4'-DDE	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	4,4'-DDT	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	Aldrin	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	Aroclor-1016	1.1	u	1.1	u	1.1	u	1.1	u	1.1	u
PEST	Aroclor-1221	2.2	u	2.3	u	2.3	u	2.2	u	2.5	u
PEST	Aroclor-1232	1.1	u	1.1	u	1.1	u	1.1	u	1.1	u
PEST	Aroclor-1242	1.1	u	1.1	u	1.1	u	1.1	u	1.1	u
PEST	Aroclor-1248	1.1	u	1.1	u	1.1	u	1.1	u	1.1	u
PEST	Aroclor-1254	1.1	u	1.1	u	1.1	u	1.1	u	1.1	u
PEST	Aroclor-1260	1.1	u	1.1	u	1.1	u	1.1	u	1.1	u
PEST	Dieldrin	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	Endosulfan I	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	Endosulfan II	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	Endosulfan sulfate	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	Endrin	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	Endrin aldehyde	NR		NR		NR		NR		NR	
PEST	Endrin ketone	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u
PEST	Heptachlor	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	Heptachlor epoxide	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	Methoxychlor	0.55	u	0.57	u	0.56	u	0.56	u	0.57	u
PEST	Toxaphene	5.5	u	5.7	u	5.6	u	5.6	u	5.7	u
PEST	alpha-BHC	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	alpha-Chlordane	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	beta-BHC	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	delta-BHC	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	gamma-BHC (Lindane)	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	gamma-Chlordane	0.055	u	0.057	u	0.056	u	0.056	u	0.057	u
PEST	Endrin aldehyde	0.11	u	0.11	u	0.11	u	0.11	u	0.11	u

+*+ Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-G-0007-00		029-G-0008-00		029-G-0008-00 D		029-G-0009-00		029-G-GW07-00	
	ORIGINAL ID	29GR07		29GR08		29GR08D		29GR09		29GGW07	
	LAB SAMPLE ID	39252-1		39252-9		39252-10		39252-5		39252-11	
	ID FROM REPORT	29GR07		29GR08		29GR08D		29GR09		29GGW07	
	SAMPLE DATE	02/08/94		02/08/94		02/08/94		02/08/94		02/08/94	
	DATE EXTRACTED										
	DATE ANALYZED	02/10/94		02/11/94		02/11/94		02/10/94		02/11/94	
	MATRIX	Water		Water		Water		Water		Water	
	UNITS	UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL
SVOA	1,2,4-Trichlorobenzene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	1,2-Dichlorobenzene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	1,3-Dichlorobenzene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	1,4-Dichlorobenzene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2,4,5-Trichlorophenol	26.	U	29.	U	28.	U	32.	U	a.	U
SVOA	2,4,6-Trichlorophenol	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2,4-Dichlorophenol	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2,4-Dimethylphenol	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2,4-Dinitrophenol	26.	U	29.	U	28.	U	32.	U	30.	U
SVOA	2,4-Dinitrotoluene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2,6-Dinitrotoluene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2-Chloronaphthalene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2-Chlorophenol	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2-Methylnaphthalene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2-Methylphenol (o-Cresol)	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	2-Nitroaniline	26.	U	29.	U	28.	U	32.	U	30.	U
SVOA	2-Nitrophenol	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	3,3'-Dichlorobenzidine	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	3-Nitroaniline	26.	U	29.	U	28.	U	32.	U	30.	U
SVOA	4,6-Dinitro-2-methylphenol	26.	U	29.	U	28.	U	32.	U	30.	U
SVOA	4-Bromophenyl-phenylether	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	4-Chloro-3-methylphenol	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	4-Chloroaniline	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	4-Chlorophenyl-phenylether	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	4-Methylphenol (p-Cresol)	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	4-Nitroaniline	26.	U	29.	U	28.	U	32.	U	a.	U
SVOA	4-Nitrophenol	26.	U	29.	U	28.	U	32.	U	30.	U
SVOA	Acenaphthene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Acenaphthylene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Anthracene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Benzo(a)anthracene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Benzo(a)pyrene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Benzo(b)fluoranthene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Benzo(g,h,i)perylene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Benzo(k)fluoranthene	10.	U	12.	U	11.	U	13.	U	12.	U
SVOA	Butylbenzylphthalate	10.	U	12.	U	11.	U	13.	U	12.	U

*** Validation Complete ***

SAMPLE ID ——>		029-G-0007-00		029-G-0008-00		029-G-0008-00 D		029-G-0009-00		029-G-GM07-00		
ORIGINAL ID ——>		29GR07		29GR08		29GR08D		29GR09		29GGM07		
LAB SAMPLE ID ——>		39252-1		39252-9		39252-10		39252-5		39252-11		
ID FROM REPORT ——>		29GR07		29GR08		29GR08D		29GR09		29GGM07		
SAMPLE DATE ——>		02/08/94		02/08/94		02/08/94		02/08/94		02/08/94		
DATE EXTRACTED ——>												
DATE ANALYZED ——>		02/10/94		02/11/94		02/11/94		02/10/94		02/11/94		
MATRIX ——>		Water		Water		Water		Water		Water		
UNITS ——>				UG/L		UG/L		UG/L		UG/L		
Method	Parameter	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL	
SVOA	Carbazole	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Chrysene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Di-n-butylphthalate	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Di-n-octylphthalate	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Dibenzo(a,h)anthracene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Dibenzofuran	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Diethylphthalate	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Dimethylphthalate	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Fluoranthene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Fluorene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Hexachlorobenzene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Hexachlorobutadiene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Hexachlorocyclopentadiene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Hexachloroethane	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Indeno(1,2,3-cd)pyrene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Isophorone	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	N-Nitroso-di-n-propylamine	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	N-Nitrosodiphenylamine	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Naphthalene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Nitrobenzene	10.	U	12.	U	11.	U	13.	U	12.	U	
JVOA	Pentachlorophenol	26.	U	29.	U	28.	U	32.	U	30.	U	
SVOA	Phenanthrene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Phenol	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	Pyrene	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	bis(2-Chloroethoxy)methane	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	12.	U	11.	U	13.	U	12.	U	
JVOA	bis(2-Chloroethyl)ether	10.	U	12.	U	11.	U	13.	U	12.	U	
SVOA	2,2'-oxybis(1-Chloropropane)	10.	U	12.	U	11.	U	13.	U	12.	U	

	SAMPLE ID ——>	029-G-0007-00		029-G-0008-00		029-G-0008-00 D		029-G-0009-00		029-G-GN07-00	
	ORIGINAL ID ——>	29GR07		29GR08		29GR08D		29GR09		29GGN07	
	LAB SAMPLE ID ——>	39252-34		39252-42		39252-43		39252-38		39252-44	
	ID FROM REPORT ——>	29GR07		29GR08		29GR08D		29GR09		29GGN07	
	SAMPLE DATE ——>	02/08/94		02/08/94		02/08/94		02/08/94		02/08/94	
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	MATRIX ——>	Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter		VAL	CT508	VAL	CT508	VAL	CT508	VAL	CT508	VAL
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Acetone	67.	U	46.	U	46.	U	10.	U	10.	U
VOA	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Methylene chloride	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	m+p-Xylenes	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

	SAMPLE ID ——>	029-G-GR01-02		029-G-GR01-02 RE							
	ORIGINAL ID ——>	29GGR0102		29GGR0102RE							
	LAB SAMPLE ID ——>	669361		669361 R1RE							
	ID FROM REPORT ——>	29GGR0102		29GGR0102RE							
	SAMPLE DATE ——>	12/14/94		12/14/94							
	DATE EXTRACTED ——>	12/22/94		01/24/95							
	DATE ANALYZED ——>	12/30/94		01/27/95							
	MATRIX ——>	Water		Water							
	UNITS ——>	UG/L		UG/L							
Method	Parameter	0019L	NV	0019L	NV						
PEST	alpha-BHC	0.01	U	0.01	U						
PEST	beta-BHC	0.01	U	0.01	U						
PEST	delta-BHC	0.01	U	0.01	U						
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U						
PEST	Heptachlor	0.01	U	0.01	U						
PEST	Aldrin	0.01	U	0.01	U						
PEST	Heptachlor epoxide	0.01	U	0.01	U						
PEST	Endosulfan I	0.01	U	0.01	U						
PEST	Dieldrin	0.02	U	0.01	U						
PEST	4,4'-DDE	0.02	U	0.02	U						
PEST	Endrin	0.02	U	0.02	U						
PEST	Endosulfan II	0.02	U	0.02	U						
PEST	4,4'-DDD	0.02	U	0.02	U						
PEST	Endosulfan sulfate	0.02	U	0.02	U						
PEST	4,4'-DDT	0.02	U	0.02	U						
PEST	methoxychlor	0.1	U	0.1	U						
PEST	Endrin ketone	0.02	U	0.02	U						
PEST	Endrin aldehyde	0.02	U	0.02	U						
PEST	alpha-Chlordane	0.01	U	0.01	U						
PEST	gamma-Chlordane	0.01	U	0.01	U						
PEST	Toxaphene	1.	U	1	U						
PEST	Aroclor-1016	0.2	U	0.2	U						
PEST	Aroclor-1221	0.4	U	0.4	U						
PEST	Aroclor-1232	0.2	U	0.2	U						
PEST	Aroclor-1242	0.2	U	0.2	U						
PEST	Aroclor-1248	0.2	U	0.2	U						
PEST	Aroclor-1254	0.2	U	0.2	U						
PEST	Aroclor-1260	0.2	U	0.2	U						

Site 34

Groundwater Analytical Data

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID	034-G-0001-00		034-6-0002-00		034-H-0002-00 D		034-G-GM53-00		034-G-GM57-00		034-G-GM61-00	
	ORIGINAL ID	34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
	LAB SAMPLE ID	39274-011		39274-015		39274-016		39274-012		39274-009		39274-010	
	ID FROM REPORT	34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
	SAMPLE DATE	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	DATE EXTRACTED												
	DATE ANALYZED												
	MATRIX	Water		Water		Water		Water		Water		Water	
	UNITS	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	MCT51	NV	MCT51	NV	MCT51	NV	MCT51	NV	MCT51	NV	MCT51	NV
METAL	Aluminum	63.2		17.9	U	17.9	U	482.		17.9	U	75.4	
METAL	Antimony	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U
METAL	Arsenic	3.1		4.3		4.		2.9	U	2.9	U	2.9	U
METAL	Barium	3.	U	2.4	U	2.4	U	2.4	U	2.4	U	31.3	U
METAL	Beryllium	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
METAL	Cadmium	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
METAL	Calcium	70800.		69600.		69000.		8550.		73300.		48800.	
METAL	Chromium	2.3	UJ	2.3	UJ	2.3	UJ	2.3	U	2.3	U	2.3	UJ
METAL	Cobalt	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
METAL	Copper	2.6	UJ	2.6	UJ	2.6	UJ	2.6	U	2.6	U	2.6	UJ
METAL	Cyanide	4.		1.	U	1.	U	1.	U	1.	U	1.	U
METAL	Iron	2340.		2240.		2230.		1180.		295.		5520.	
METAL	L[redacted]	1.8	U	3.	U	0.75	U	1.2	U	0.7	U	3.4	U
METAL	Magnesium	3090.		1560.		1560.		1710.	J	5130.		6440.	
METAL		475.		117.		116.		71.4	U	67.	U	55.2	
METAL	Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
METAL	Nickel	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U
METAL	Potassium	2930.	J	1600.	J	1270.	J	2010.	J	2300.	J	2790.	J
METAL	Selenium	1.7	UJ	1.7	UJ	1.7	UJ	1.7	U	1.7	U	1.7	UJ
METAL	Silver	3.6	UJ	3.6	UJ	3.6	UJ	3.6	U	3.6	U	3.6	UJ
METAL	Sodium	7570.		4650.		4600.		2850.	J	4680.	J	124000.	
METAL	Thallium	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U
METAL	Vanadium	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
METAL	Zinc	2.	U	1.7	U	1.7	U	1.7	U	1.7	U	2.5	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

SAMPLE ID		034-G-0001-00		034-G-0002-00		034-H-0002-00 D		034-G-GM53-00		034-G-GM57-00		034-G-GM61-00	
ORIGINAL ID		34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
LAB SAMPLE ID		39274-3		39274-7		39274-8		39303-1		39274-1		39274-2	
ID FROM REPORT		34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
SAMPLE DATE		02/10/94		02/10/94		02/10/94		02/14/94		02/10/94		02/10/94	
DATE EXTRACTED													
DATE ANALYZED		02/17/94		02/17/94		02/17/94		02/18/94		02/18/94		02/17/94	
MATRIX		Water		Water		Water		Water		Water		Water	
UNITS		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT511	MV	CT511	MV	CT511	MV	CT511	MV	CT511	MV	CT511	MV
PEST	4,4'-DDD	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	4,4'-DDE	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	4,4'-DDT	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	Aldrin	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	Aroclor-1016	1.2	UJ	1.2	UJ	1.2	W	1.1	U	1.1	U	1.1	UJ
PEST	Aroclor-1221	2.4	UJ	2.3	UJ	2.4	UJ	2.3	U	2.1	U	2.2	UJ
PEST	Aroclor-1232	1.2	UJ	1.2	UJ	1.2	UJ	1.1	U	1.1	U	1.1	UJ
PEST	Aroclor-1242	1.2	UJ	1.2	UJ	1.2	UJ	1.1	U	1.1	U	1.1	UJ
PEST	Aroclor-1248	1.2	UJ	1.2	UJ	1.2	UJ	1.1	U	1.1	U	1.1	UJ
PEST	Aroclor-1254	1.2	UJ	1.2	UJ	1.2	UJ	1.1	U	1.1	U	1.1	UJ
PEST	Aroclor-1260	1.2	UJ	1.2	UJ	1.2	UJ	1.1	U	1.1	U	1.1	UJ
PEST	Dieldrin	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	Endosulfan 1	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	Endosulfan II	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	Endosulfan sulfate	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	Endrin	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	Endrin aldehyde	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	Endrin ketone	0.12	UJ	0.12	UJ	0.12	UJ	0.11	U	0.11	U	0.11	UJ
PEST	Heptachlor	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	Heptachlor epoxide	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	Methoxychlor	0.6	UJ	0.58	UJ	0.59	UJ	0.56	U	0.13	U	0.56	UJ
PEST	Toxaphene	6.	UJ	5.8	UJ	5.9	UJ	5.6	U	5.3	U	1.6	UJ
PEST	alpha-BHC	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	alpha-Chlordane	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	beta-BHC	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	delta-BHC	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	gamma-BHC (Lindane)	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ
PEST	gamma-Chlordane	0.06	UJ	0.058	UJ	0.059	UJ	0.056	U	0.053	U	0.056	UJ

PENSACOLA, SITE 34
PENSACOIA, SITE 34 - PHASE I DATA

SAMPLE ID		034-G-0001-00		034-G-0002-00		034-H-0002-00 D		034-G-GM53-00		034-G-GM57-00		034-G-GM61-00	
ORIGINAL ID		34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
LAB SAMPLE ID		39274-3		39274-7		39274-8		39303-1		39274-1		39274-2	
ID FROM REPORT		34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
SAMPLE DATE		02/10/94		02/10/94		02/10/94		02/14/94		02/10/94		02/10/94	
DATE EXTRACTED													
DATE ANALYZED		02/15/94		02/15/94		02/15/94		02/18/94		02/14/94		02/14/94	
MATRIX		Water		Water		Water		Water		Water		Water	
UNITS		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT511	NV	CT511	NV	CT511	NV	CT511	NV	CT511	NV	CT511	NV
SVOA	1,2,4-Trichlorobenzene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	1,2-Dichlorobenzene	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	1,3-Dichlorobenzene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	1,4-Dichlorobenzene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2,4,5-Trichlorophenol	110.	U	110.	U	110.	U	27.	U	29.	U	28.	U
SVOA	2,4,6-Trichlorophenol	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2,4-Dichlorophenol	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2,4-Dimethylphenol	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2,4-Dinitrophenol	110.	U	110.	U	110.	U	27.	U	29.	U	28.	U
SVOA	2,4-Dinitrotoluene	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2,6-Dinitrotoluene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2-Chloronaphthalene	46.	U	44.	U	'U.	U	11.	U	11.	U	11.	U
SVOA	2-Chlorophenol	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2-Methylnaphthalene	120.		270.		260.		4.	J	11.	U	11.	U
SVOA	2-Methylphenol (o-Cresol)	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2-Nitroaniline	110.	U	110.	U	110.	U	27.	U	29.	U	28.	U
SVOA	2-Nitrophenol	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	3,3'-Dichlorobenzidine	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	3-Nitroaniline	110.	U	110.	U	110.	U	27.	U	29.	U	28.	U
SVOA	4,6-Dinitro-2-methylphenol	110.	U	110.	U	110.	U	27.	U	29.	U	28.	U
SVOA	4-Bromophenyl-phenylether	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	4-Chloro-3-methylphenol	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	4-Chloroaniline	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	4-Chlwophcnyl-phcny lether	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	4-Methylphenol (p-Cresol)	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	4-Nitroanilim	110.	U	110.	U	110.	U	27.	U	29.	U	28.	U
SVOA	4-Nitrophenol	110.	U	110.	U	110.	U	27.	U	29.	U	28.	U
SVOA	Acenaphthene	46.	UJ	44.	UJ	U.	UJ	11.	U	11.	U	11.	UJ
SVOA	Acenaphthylene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Anthracene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Benzo(a)anthracene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Benzo(a)pyrene	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Benzo(b)fluoranthene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Benzo(g,h,i)perylene	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Benzo(k)fluoranthene	46.	U	44.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Butylbenzylphthalate	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U

PENSACOLA, SITE 34
PBNSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID →	034-G-0001-00		034-G-0002-00		034-H-0002-00 D		034-G-GM53-00		034-G-GM57-00		034-G-GM61-00	
	ORIGINAL ID →	34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
	LAB SAMPLE ID →	39274-3		39274-7		39274-8		39303-1		39274-1		39274-2	
	ID FROM REPORT →	34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
	SAMPLE DATE →	02/10/94		02/10/94		02/10/94		02/14/94		02/10/94		02/10/94	
	DATE EXTRACTED →												
	DATE ANALYZED →	02/15/94		02/15/94		02/15/94		02/18/94		02/14/94		02/14/94	
	MATRIX →	Water		Water		Water		Water		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT511	NV	CT511	NV	CT511	NV	CT511	NV	CT511	NV	CT511	NV
SVOA	Carbazole	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Chrysene	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVCM	Di-n-butylphthalate	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Di-n-octylphthalate	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Dibenzo(a,h)anthracene	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Dibenzofuran	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVCM	Diethylphthalate	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Dimethylphthalate	46.	U	44.	U	U.	U	11.	U	11.	U	11.	U
SVCM	Fluoranthene	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Fluorene	46.	U	44.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Hexachlorobenzene	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Hexachlorobutadiene	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Hexachlorocyclopentadiene	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Hexachloroethane	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Indeno(1,2,3-cd)pyrene	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Isophorone	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	N-Nitroso-di-n-propylamine	46.	U	44.	U	U.	U	11.	U	11.	U	11.	U
SVOA	N-Nitrosodiphenylamine	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	Naphthalene	320.		320.		280.		2.	J	11.	U	11.	U
SVOA	Nitrobenzene	46.	U	44.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Pentachlorophenol	110.	U	110.	U	110.	U	27.	U	a.	U	28.	U
SVOA	Phenanthrene	46.	U	44.	U	U.	U	11.	U	11.	U	11.	U
SVOA	Phenol	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVCM	Pyrene	46.	U	U.	U	44.	U	11.	U	11.	U	11.	U
SVOA	bis(2-Chloroethoxy)methane	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	46.	U	U.	U	U.	U	11.	U	11.	U	11.	U
SVOA	bis(2-Chloroethyl)ether	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U
SVOA	2,2'-oxybis(1-Chloropropane)	46.	U	44.	U	44.	U	11.	U	11.	U	11.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID →	034-G-0001-00		034-G-0002-00		034-H-0002-00 D		034-G-GM53-00		034-G-GM57-00		034-G-GM61-00	
	ORIGINAL ID →	34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
	LAB SAMPLE ID →	39274-27		39274-31		39274-32		39274-28		39274-25		39274-26	
	ID FROM REPORT →	34GR01		34GR02		34GR02D		34GGM53		34GGM57		34GGM61	
	SAMPLE DATE →	02/10/94		02/10/94		02/10/94		02/10/94		02/10/94		02/10/94	
	DATE EXTRACTED →												
	DATE ANALYZED →	02/14/94		02/14/94		02/14/94		02/14/94		02/14/94		02/14/94	
	MATRIX →	Water		Water		Water		Water		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT511	NV	CT511	NV	CT511	NV	CT511	NV	CT511	NV	CT511	NV
VOA	1,1,1-Trichloroethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	1,2-Dichloroethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	1,2-Dichloroethene (total)	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	2-Hexanone	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Acetone	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Benzene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Bromodichloromethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Bromoform	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Bromomethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Carbon dirulfide	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Carbon tetrachloride	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Chlorobenzene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Chloroethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Chlorofora	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Chloromethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Dibromochloromethane	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Ethylbenzene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Methylene chloride	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Styrene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Tetrachloroethene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Toluene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Trichloroethene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	Vinyl chloride	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	m+p-Xylenes	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U
VOA	trans-1,3-Dichloropropene	100.	U	100.	U	100.	U	33.	U	10.	U	10.	U

PENSACOLA, SITB 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

				034-G-0002-00 34GS02 40417-1 E52501 05/26/94 05/27/94 Water UG/L		034-H-0002-00 34GS02D 40417-2 E52502 05/26/94 05/27/94 Water UG/L				
		CT524	VAL	CT524	VAL	CT524	VAL			
SVOA	Phenol	5.	U	6.	U	5.	U			
SVOA	bis(2-Chloroethyl)ether	5.	U	6.	U	5.	U			
SVOA	2-Chlorophenol	5.	U	6.	U	5.	U			
SVOA	1,3-Dichlorobenzene	5.	U	6.	U	5.	U			
SVOA	1,4-Dichlorobenzene	5.	U	6.	U	5.	U			
SVOA	1,2-Dichlorobenzene	5.	U	6.	U	5.	U			
SVOA	2-Methylphenol (o-Cresol)	5.	U	6.	U	5.	U			
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	6.	U	5.	U			
SVOA	4-Methylphenol (p-Cresol)	5.	U	6.	U	5.	U			
SVOA	N-Nitroso-di-n-propylamine	5.	U	6.	U	5.	U			
SVOA	Hexachloroethane	5.	U	6.	U	5.	U			
SVOA	Nitrobenzene	5.	U	6.	U	5.	U			
SVOA	Isophorone	5.	U	6.	U	5.	U			
SVOA	2-Nitrophenol	5.	U	6.	U	5.	U			
SVOA	2,4-Dimethylphenol	5.	U	6.	U	5.	U			
SVOA	bis(2-Chloroethoxy)methane	5.	U	6.	U	5.	U			
SVOA	2,4-Dichlorophenol	5.	U	6.	U	5.	U			
SVOA	1,2,4-Trichlorobenzene	5.	U	6.	U	5.	U			
SVOA	Naphthalene	5.	U	6.	U	5.	U			
SVOA	4-Chloroaniline	5.	U	6.	U	5.	U			
SVOA	Hexachlorobutadiene	5.	U	6.	U	5.	U			
SVOA	4-Chloro-3-methylphenol	5.	U	6.	U	5.	U			
SVOA	2-Methylnaphthalene	[illegible]	U	4.	J	4.	J			
SVOA	Hexachlorocyclopentadiene	5.	U	6.	U	5.	U			
SVOA	2,4,6-Trichlorophenol	5.	U	6.	U	5.	U			
SVOA	2,4,5-Trichlorophenol	13.	U	13.	U	13.	U			
SVOA	2-Chloronaphthalene	5.	U	6.	U	5.	U			
SVOA	2-Nitroaniline	13.	U	13.	U	13.	U			
SVOA	Dimethylphthalate	5.	U	6.	U	5.	U			
SVOA	Acenaphthylene	5.	U	6.	U	5.	U			
SVOA	2,6-Dinitrotoluene	5.	U	6.	U	5.	U			
SVOA	3-Nitroaniline	13.	U	13.	U	13.	U			
SVOA	Acenaphthene	5.	U	6.	U	5.	U			
SVOA	2,4-Dinitrophenol	13.	U	13.	U	13.	U			
SVOA	4-Nitrophenol	13.	U	13.	U	13.	U			
SVOA	Dibenzofuran	5.	U	6.	U	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID	034-G-0001-00		034-G-0002-00		034-H-0002-00					
	ORIGINAL ID	34GS01		34GS02		34GS02D					
	LAB SAMPLE ID	40417-5		40417-1		40417-2					
	ID FROM REPORT	E52505		E52501		E52502					
	SAMPLE DATE										
	DATE EXTRACTED	05/26/94		05/26/94		05/26/94					
	DATE ANALYZED	05/27/94		05/27/94		05/27/94					
	MATRIX	Meter		Water		Water					
	UNITS	UG/L		UG/L		UG/L					
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL				
SVOA	2,4-Dinitrotoluene	5.	U	6.	U	5.	U				
SVOA	Diethylphthalmte	5.	U	6.	U	5.	U				
SVOA	4-Chlorophcny l-pheny lcther	5.	U	6.	U	5.	U				
SVOA	Fluorene	5.	U	6.	U	S.	U				
SVOA	4-Nitroaniline	13.	U	13.	U	13.	U				
SVOA	4,6-Dinitro-2-methylphenol	13.	U	13.	U	13.	U				
SVOA	N-Nitrosodiphenylamine	5.	U	6.	U	5.	U				
SVOA	4-Bromophenyl-phenylether	5.	U	6.	U	5.	U				
SVOA	Hexachlorobenzene	5.	U	6.	U	5.	U				
SVOA	Pentachlorophenol	13.	U	13.	U	13.	U				
SVOA	Phenanthrene	5.	U	6.	U	5.	U				
SVOA	Anthracene	5.	U	6.	U	5.	U				
SVOA	Carbazole	5.	U	6.	U	5.	U				
SVOA	Di-n-butylphthalate	5.	U	6.	U	5.	U				
SVOA	Fluornthene	5.	U	6.	U	5.	U				
SVOA	Pyrene	5.	U	6.	U	5.	U				
SVOA	Butylbenzylphthalate	5.	U	6.	U	5.	U				
SVOA	3,3'-Dichlorobenzidine	5.	U	6.	U	5.	U				
SVOA	Benzo(a)anthracene	5.	U	6.	U	5.	U				
SVOA	Chrysene	5.	U	6.	U	5.	U				
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	6.	U	5.	U				
SVOA	Di-n-octylphthalate	5.	U	6.	U	5.	U				
SVOA	Benzo(b)fluoranthene	5.	U	6.	U	5.	U				
SVOA	Benzo(k)fluoranthene	5.	U	6.	U	5.	U				
SVOA	Benzo(a)pyrene	5.	U	6.	U	5.	U				
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	6.	U	5.	U				
SVOA	Dibenzo(a,h)anthracene	5.	U	6.	U	5.	U				
SVOA	Benzo(g,h,i)perylene	5.	U	6.	U	5.	U				

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-G-0001-00		034-G-0002-00		034-H-0002-00					
	ORIGINAL ID ——>	34GS01		34GS02		34GS020					
	LAB SAMPLE ID ——>	40417-10		40417-11		40417-12					
	ID FROM REPORT ——>	E52505		E52501		E52502					
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	06/02/94		06/02/94		06/02/94					
	MATRIX ——>	Water		Water		Water					
	UNITS ——>	UG/L		UG/L		UG/L					
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL				
VOA	Chloromethane	2.	U	2.	U	2.	U				
VOA	Bromomethane	2.	U	2.	U	2.	U				
VOA	Vinyl chloride	2.	U	2.	U	2.	U				
VOA	Chloroethane	2.	U	2.	U	2.	U				
VOA	Methylene chloride	3.	U	1.	U	1.	U				
VOA	Acetone	17.	U	8.	U	5.	U				
VOA	Carbon disulfide	1.	U	1.	U	1.	U				
VOA	1,1-Dichloroethene	1.	U	1.	U	1.	U				
VOA	1,1-Dichloroethane	1.	U	1.	U	1.	U				
VOA	1,2-Dichloroethene (total)	1.	U	1.	U	1.	U				
VOA	Chloroform	1.	U	1.	U	1.	U				
VOA	1,2-Dichloroethane	1.	U	1.	U	1.	U				
VOA	2-Butanone (MEK)	5.	U	5.	U	5.	U				
VOA	1,1,1-Trichloroethane	1.	U	1.	U	1.	U				
VOA	Carbon tetrachloride	1.	U	1.	U	1.	U				
VOA	Bromodichloromethane	1.	U	1.	U	1.	U				
VOA	1,2-Dichloropropane	1.	U	1.	U	1.	U				
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U				
VOA	Trichloroethene	1.	U	1.	U	1.	U				
VOA	Dibromochloromethane	1.	U	1.	U	1.	U				
VOA	1,1,2-Trichloroethane	1.	U	1.	U	1.	U				
VOA	Benzene	1.	U	1.	U	1.	U				
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U				
VOA	Bromoform	1.	U	1.	U	1.	U				
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U				
VOA	2-Hexanone	5.	U	5.	U	5.	U				
VOA	Tetrachloroethene	1.	U	1.	U	1.	U				
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U				
VOA	Toluene	1.	U	1.	U	1.	U				
VOA	Chlorobenzene	1.	U	1.	U	1.	U				
VOA	Ethylbenzene	1.	U	1.	U	1.	U				
VOA	Styrene	1.	U	1.	U	1.	U				
VOA	m+p-Xylenes	1.	U	1.	U	1.	U				

+++ Validation Complete ***+

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	034-6-GMI -02		034-G-GS02-02		034-H-GS02-02					
	ORIGINAL ID →	34GGM6102		034GGS0202		34HG70202					
	LAB SAMPLE ID →	669118		669115		669112					
	ID FROM REPORT →	34GGM61		34GGS0202		34HG70202					
	SAMPLE DATE →			12/15/94		12/15/94					
	MIE EXTRACTED →										
	MIE ANALYZED →										
	MATRIX →	Water		Water		Water					
	UNITS →	UG/L		UG/L		UG/L					
Method	Parameter	982120	VAL	982161	VAL	982161	VAL				
METAL	Aluminum	85.7	U	156.	U	118.	U				
METAL	Antimony	1.9	U	1.9	U	1.9	U				
METAL	Arsenic	3.5	U	3.5	U	3.5	U				
METAL	Barium	37.5		26.3	J	25.4	J				
METAL	Beryllium	0.1	U	0.1	U	0.1	U				
METAL	Cadmium	0.5	U	4.4		4.1					
METAL	Calcium	42400.		77800.		78900.					
METAL	Chromium	2.2	U	5.6		7.8					
METAL	Cobalt	0.5	U	3.7		3.6					
METAL	Copper	0.94	U	53.2		51.8					
METAL	Iron	4610.		1260.		1880.					
METAL	Lead	1.9	U	73.2		75.6					
METAL	Magnesium	5730.		2670.		2740.					
METAL	Manganese	42.3		281.		290.					
METAL	Mercury	0.2	U	0.2	U	0.2	U				
METAL	Nickel	1.5	U	8.3		11.8					
METAL	Potwrium	4470.		3040.		3050.					
METAL	Selenium	4.4	U	4.4	U	4.4	U				
METAL	Silver	0.6	U	0.6	U	0.6	U				
METAL	Sodium	111000.		7540.	J	7220.	J				
METAL	Thallium	5.5	U	5.5	U	5.5	U				
METAL	Vanadium	0.56		1.4		1.8					
METAL	Zinc	4.	U	53.4	U	55.9					
METAL	Cyanide	10.	UJ	10.	UJ	10.	UJ				

*** Validation Complete **+

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-G-GM61-02		034-G-GM61-02 RE		034-G-GM61-DR		034-G-GM61-MR		034-G-GS02-02		034-H-GS02-02	
	ORIGINAL ID ——>	034GGM6102		34GGM6102RE		34GGM6102MDR		34GGM6102MSR		034GGS0202		034HGS0202	
	LAB SAMPLE ID ——>	669098		669098 R1RE		669106 R1		669105 R1		669095		669094	
	ID FROM REPORT ——>	34GGM6102		34GGM6102RE		34GGM6102MDR		34GGM6102MSR		34GGS0202		34HGS0202	
	SAMPLE DATE ——>	12/15/94		12/15/94		12/15/94		12/15/94		12/12/94		12/12/94	
	DATE EXTRACTED ——>	12/20/94		01/19/95		01/19/95		01/19/95		12/18/94		12/18/94	
	DATE ANALYZED ——>	12/27/94		01/24/95		01/24/95		01/24/95		12/28/94		12/28/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0019L	VAL	0019L	VAL	0019L	VAL	0019L	VAL	0004L	VAL	0004L	VAL
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	beta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U	0.076		0.07		0.01	U	0.01	U
PEST	Heptachlor	0.01	U	0.01	U	0.0011	J	0.01	U	0.01	U	0.01	U
PEST	Aldrin	0.01	U	0.0014	J	0.0011	J	0.01	U	0.01	U	0.01	U
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.077	J	0.073	J	0.01	U	0.01	U
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Dieldrin	0.02	U	0.02	U	0.15		0.14		0.02	U	0.02	U
PEST	4,4'-DDE	0.02	U	0.02	U	0.14		0.13		0.01	U	0.02	U
PEST	Endrin	0.02	U	0.01	U	0.16		0.14		0.02	U	0.02	U
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U	0.01	U	0.02	U	0.02	U
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U	0.01	U	0.02	U
PEST	Endosulfan sulfate	0.02	U	0.01	U	0.15		0.14		0.02	U	0.02	U
PEST	4,4'-DDT	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Methoxychlor	0.02	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin ketone	0.02	U	0.02	U	0.0054	J	0.0047	J	0.02	U	0.02	U
PEST	Endrin aldehyde	0.02	U	0.02	U	0.01	U	0.02	U	0.02	U	0.02	U
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-Chlordane	0.01	U	0.01	U	0.074		0.068		0.01	U	0.01	U
PEST	Toxaphene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1248	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1254	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	2,4-D	NA		NR		NA		NA		NA		NA	
PEST	2,4,5-TP (Silvex)	NR		NA		NR		NR		NA		NA	
PEST	2,4,5-T	NA		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-G-GM53-02		034-G-GM61-02		034-G-GR01-02		034-G-GR02-02		034-G-GS02-02		034-H-GS02-02	
	ORIGINAL ID ——>	034GGM5302		034GGM6102		034GGR0102		034GGR0202		034GGS0202		034HGS0202	
	LAB SAMPLE ID ——>	669111		669098		669110		669109		669095		669094	
	ID FROM REPORT ——>	34GGM5302		34GGM6102		34GGR0102		34GGR0202		34GGS0202		34HGS0202	
	SAMPLE DATE ——>	12/12/94		12/15/94		12/12/94		12/12/94		12/12/94		12/12/94	
	DATE EXTRACTED ——>	12/20/94		12/20/94		12/20/94		12/20/94		12/18/94		12/18/94	
	DATE ANALYZED ——>	12/22/94		12/22/94		12/22/94		32/22/94		12/20/94		12/20/94	
	MATRIX ——>	water		Water		water		water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0019L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL
SVOA	Phenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Chlorophenol	5.	U	5.	U	S.	U	5.	U	5.	U	5.	U
SVOA	1,3-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
SVOA	1,4-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
SVOA	1,2-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
SVOA	2-Methylphenol (o-Cresol)	5.	U	S.	U	5.	U	5.	U	5.	U	5.	U
SVOA	22 '-oxybis(1-Chloropropane)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Hexachloroethane	5.	U	S.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Nitrobenzene	.5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Isophorone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4-Dimethylphenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4-Dichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	S.	U	5.	U	S.	U
SVOA	Naphthalene	5.	U	5.	U	39.		1.	J	5.	U	5.	U
SVOA	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Methylnaphthalene	2.	J	5.	U	51.		5.		5.	U	5.	U
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U	S.	U	5.	U	S.	U
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	2-Chloronaphthalene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Dimethylphthalate	5.	U	5.	U	5.	U	S.	U	5.	U	5.	U
SVOA	Acenaphthylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,6-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	3-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Acenaphthene	5.	U	5.	U	1.	J	5.	U	5.	U	5.	U
SVOA	2,4-Dinitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	4-Nitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Dibenzofuran	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete **+

	SAMPLE ID ——>	034-G-GM53-02		034-G-GM61-02		034-G-GR01-02		034-G-GR02-02		034-G-GS02-02		034-H-GS02-02	
	ORIGINAL ID ——>	034GGM5302		034GGM6102		034GGR0102		034GGR0202		034GGS0202		034HGS0202	
	LAB SAMPLE ID ——>	669111		669098		669110		669109		669095		669094	
	ID FROM REPORT ——>	34GGM5302		34GGM6102		34GGR0102		34GGR0202		34GGS0202		34HGS0202	
	SAMPLE DATE ——>	12/12/94		12/15/94		12/12/94		12/12/94		12/12/94		12/12/94	
	DATE EXTRACTED ——>	12/20/94		12/20/94		12/20/94		12/20/94		12/18/94		12/18/94	
	DATE ANALYZED ——>	12/22/94		12/22/94		12/22/94		12/22/94		12/20/94		12/20/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	—	VAL	0019L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL
SVOA	2,4-Dinitrotoluene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Diethylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	4-Chlorophenyl-phenylether	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Fluorene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	4-Nitroaniline	20.	u	20.	u	20.	u	20.	u	1	u	20.	u
SVOA	4,6-Dinitro-2-methylphenol	20.	u	20.	u	20.	u	20.	u	20.	u	20.	u
SVOA	N-Nitrosodiphenylamine	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	4-Bromophenyl-phenylether	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Hexachlorobenzene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Pentachlorophenol	20.	u	20.	u	20.	u	20.	u	20.	u	20.	u
SVOA	Phenanthrene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Anthracene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Carbazole	NR		NR		NR		NR		NR		NR	
SVOA	Di-n-butylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	fluoranthene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Pyrene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Butylbenzylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	3,3'-Dichlorobenzidine	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Benzo(a)anthracene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Chrysene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Di-n-octylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Benzo(b)fluoranthene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Benzo(k)fluoranthene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Benzo(a)pyrene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Indeno(1,2,3-cd)pyrene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Dibenzo(a,h)anthracene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Benzo(g,h,i)perylene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	034-G-GM53-02		034-G-GM61-02		034-G-GR01-02		034-G-GR02-02		034-G-GS02-02		034-H-GS02-02	
	ORIGINAL ID →	034GGM5302		034GGM6102		034GGR0102		034GGR0202		034GGS0202		034HGS0202	
	LAB SAMPLE ID →	669111		669098		669110		669109		669095		669094	
	ID FROM REPORT →	34GGM5302		34GGM6102		34GGR0102		34GGR0202		34GGS0202		34HGS0202	
	SAMPLE DATE →	12/12/94		12/15/94		12/12/94		12/12/94		12/12/94		12/12/94	
	DATE EXTRACTED →												
	DATE ANALYZED →	12/20/94		12/18/94		12/21/94		12/18/94		12/18/94		12/18/94	
	MATRIX →	Uater		Water		Uater		Water		Uater		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L			
Method	Parameter	0004L	VAL	0019L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL
VOA	Chloromethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Bromomethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Vinyl chloride	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Chloroethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Methylene chloride	1.	U	2.	U	29.	U	2.	U	2.	U	2.	U
VOA	Acetone	5.	U	5.	U	120.	U	5.	U	5.	U	5.	U
VOA	Carbon disulfide	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Ethene, 1,2-dichloro-, (E)-	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Chloroform	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	2-Butanone (MEK)	5.	U	5.	U	120.	U	5.	U	5.	U	5.	U
VOA	Chlorobromomethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,1,1-Trichloroethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Carbon tetrachloride	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Bromodichloromethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloropropane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	2s.	U	1.	U	1.	U	1.	U
VOA	frichloroethene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Dibromochloromethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,1,2-Trichloroethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Benzene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Bromoform	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	120.	U	5.	U	5.	U	5.	U
VOA	2-Hexanone	5.	U	5.	U	120.	U	5.	U	5.	U	5.	U
VOA	Tetrachloroethene	1.	U	1.	U	2s.	U	1.	U	1.	U	1.	U
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Ethylene dibromide	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Toluene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Chlorobenzene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Ethylbenzene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	Styrene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	m+p-Xylenes	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U

+** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID ——>		034-G-GM53-02		034-G-GM61-02		034-G-GR01-02		034-G-GR02-02		034-G-GS02-02		034-H-GS02-02	
ORIGINAL ID ——>		034GGM5302		034GGM6102		034GGR0102		034GGR0202		034GGS0202		034HGS0202	
LAB SAMPLE ID ——>		669111		669098		669110		669109		669095		669094	
ID FROM REPORT ——>		34GGM5302		34GGM6102		34GGR0102		34GGR0202		34GGS0202		34HGS0202	
SAMPLE DATE ——>		12/12/94		12/15/94		12/12/94		12/12/94		12/12/94		12/12/94	
DATE EXTRACTED ——>													
DATE ANALYZED ——>		12/20/94		12/18/94		12/21/91		12/18/91		12/18/94		12/18/94	
MATRIX ——>		Water		Water		Water		Water		Water		Water	
UNITS ——>		UG/L		UG/L				UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0019L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL
VOA	1,3-Dichlorobenzene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,4-Dichlorobenzene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichlorobenzene	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	DBCP	1.	U	1.	U	25.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethene (total)	NR		NR		NR		NR		m		NR	

Site 9

QA/QC/Blank Analytical Data

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-G-0007-00 MS		009-G-0007-00 MSD				
	ORIGINAL ID ——>	09GR07MS		09GR07MSD				
	LAB SAMPLE ID ——>	1879.1MS		1879.1MSD				
	ID FROM REPORT ——>	09GR07MS		09GR07MSD				
	SAMPLE DATE ——>	02/03/94		02/03/94				
	DATE EXTRACTED ——>							
	DATE ANALYZED ——>	02/10/94		02/10/94				
	MATRIX ——>	Water		Water				
	UNITS ——>	UG/L		UG/L				
Method	Parameter	CT502	VAL	CT502	VAL			
PEST	4,4'-DDD	0.02	J	0.02	J			
PEST	4,4'-DDE	0.11	U	0.11	U			
PEST	4,4'-DDT	1.		0.94				
PEST	Aldrin	0.46		0.43				
PEST	Aroclor-1016	1.1	U	1.1	U			
PEST	Aroclor-1221	2.1	U	2.1	U			
PEST	Aroclor-1232	1.1	U	1.1	U			
PEST	Aroclor-1242	1.1	U	1.1	U			
PEST	Aroclor-1248	1.1	U	1.1	U			
PEST	Aroclor-1254	1.1	U	1.1	U			
PEST	Aroclor-1260	1.1	U	1.1	U			
PEST	Dieldrin	1.1		0.99				
PEST	Endosulfan I	0.05	U	0.05	U			
PEST	Endosulfan II	0.11	U	0.11	U			
PEST	Endosulfan sulfate	0.11	U	0.11	U			
PEST	Endrin	1.		0.97				
PEST	Endrin aldehyde	0.11	U	0.11	U			
PEST	Endrin ketone	0.11	U	0.11	U			
PEST	Heptachlor	0.45		0.42				
PEST	Heptachlor epoxide	0.05	U	0.05	U			
PEST	Methoxychlor	0.55	U	0.53	U			
PEST	Toxaphene	5.3	U	5.3	U			
PEST	alpha-BHC	0.05	U	0.05	U			
PEST	alpha-Chlordane	0.05	U	0.05	U			
PEST	beta-BHC	0.05	U	0.05	U			
PEST	delta-BHC	0.05	U	0.05	U			
PEST	gamma-BHC (Lindane)	0.52		0.48				
PEST	gamma-Chlordane	0.05	U	0.05	U			
PEST	Endrin aldehyde	NR		NR				

*** validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>		009-G-0007-00 MS		009-G-0007-00 MSD			
ORIGINAL ID ——>		09GR07MS		09GR07MSD			
LAB SAMPLE ID ——>		1879.1MS		1879.1MSD			
ID FROM REPORT ——>		09GR07MS		09GR07MSD			
SAMPLE DATE ——>		02/03/94		02/03/94			
DATE EXTRACTED ——>							
DATE ANALYZED ——>		02/13/94		02/13/94			
MATRIX ——>		Water		Water			
UNITS ——>		UG/L		UG/L			
Method	Parameter	CT502	VAL	CT502	VAL		
SVOA	1,2,4-Trichlorobenzene	26.		27.			
SVOA	1,2-Dichlorobenzene	11.	U	10.	U		
SVOA	1,3-Dichlorobenzene	11.	U	10.	U		
SVOA	1,4-Dichlorobenzene	26.		28.			
SVOA	2,4,5-Trichlorophenol	27.	U	26.	U		
SVOA	2,4,6-Trichlorophenol	11.	U	10.	U		
SVOA	2,4-Dichlorophenol	11.	U	10.	U		
SVOA	2,4-Dimethylphenol	11.	U	10.	U		
SVOA	2,4-Dinitrophenol	27.	U	26.	U		
SVOA	2,4-Dinitrotoluene	32.		31.			
SVOA	2,6-Dinitrotoluene	11.	U	10.	U		
SVOA	2-Chloronaphthalene	11.	U	10.	U		
SVOA	2-Chlorophenol	57.		56.			
SVOA	2-Methylnaphthalene	11.	U	10.	U		
SVOA	2-Methylphenol (o-Cresol)	11.	U	10.	U		
SVOA	2-Nitroaniline	27.	U	26.	U		
SVOA	2-Nitrophenol	11.	U	10.	U		
SVOA	3,3'-Dichlorobenzidine	11.	U	10.	U		
SVOA	3-Nitroaniline	27.	U	26.	U		
SVOA	4,6-Dinitro-2-methylphenol	27.	U	26.	U		
SVOA	4-Bromophenyl-phenylether	11.	U	10.	U		
SVOA	4-Chloro-3-methylphenol	66.		57.			
SVOA	4-Chloroaniline	11.	U	10.	U		
SVOA	4-Chlorophenyl-phenylether	11.	U	10.	U		
SVOA	4-Methylphenol (p-Cresol)	11.	U	10.	U		
SVOA	4-Nitroaniline	27.	U	26.	U		
SVOA	4-Nitrophenol	90.		80.			
SVOA	Acenaphthene	40.		38.			
SVOA	Acenaphthylene	11.	U	10.	U		
SVOA	Anthracene	11.	U	10.	U		
SVOA	Benzo(a)anthracene	11.	U	10.	U		
SVOA	Benzo(a)pyrene	11.	U	10.	U		
SVOA	Benzo(b)fluoranthene	11.	U	10.	U		
SVOA	Benzo(g,h,i)perylene	11.	U	10.	U		
SVOA	Benzo(k)fluoranthene	11.	U	10.	U		
SVOA	Butylbenzylphthalate	11.	U	10.	U		

*** Validation Complete ***

SAMPLE ID ——>		009-6-0007-00 MS		009-G-0007-00 MSD			
ORIGINAL ID ——>		09GR07MS		09GR07MSD			
LAB SAMPLE ID ——>		1879.1MS		1879.1MSD			
ID FROM REPORT ——>		09GR07MS		09GR07MSD			
SAMPLE DATE ——>		02/03/94		02/03/94			
DATE EXTRACTED ——>							
DATE ANALYZED ——>		02/13/94		02/13/94			
MATRIX ——>		Water		Water			
UNITS ——>		UG/L		UG/L			
Method	Parameter	CT502	VAL	CT502	VAL		
SVOA	Carbazole	11.	U	10.	U		
SVOA	Chrysene	11.	U	10.	U		
SVOA	Di-n-butylphthalate	4.	J	3.	J		
SVOA	Di-n-octylphthalate	11.	U	10.	U		
SVOA	Dibenzo(a,h)anthracene	11.	U	10.	U		
SVOA	Dibenzofuran	11.	U	10.	U		
SVOA	Diethylphthalate	11.	U	10.	U		
SVOA	Dimethylphthalate	11.	U	10.	U		
SVOA	Fluoranthene	11.	U	10.	U		
SVOA	Fluorene	11.	U	10.	U		
SVOA	Hexachlorobenzene	11.	U	10.	U		
SVOA	Hexachlorobutadiene	11.	U	10.	U		
SVOA	Hexachlorocyclopentadiene	11.	U	10.	U		
SVOA	Hexachloroethane	11.	U	10.	U		
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	10.	U		
SVOA	Isophorone	11.	U	10.	U		
SVOA	N-Nitroso-di-n-propylamine	34.		33.			
SVOA	N-Nitrosodiphenylamine	11.	U	10.	U		
SVOA	Naphthalene	11.	U	10.	U		
SVOA	Nitrobenzene	11.	U	10.	U		
SVOA	Pentachlorophenol	83.		81.			
SVOA	Phenanthrene	11.	U	10.	U		
SVOA	Phenol	56.		55.			
SVOA	Pyrene	32.		34.			
SVOA	bis(2-Chloroethoxy)methane	11.	U	10.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	2.	J	5.	J		
SVOA	bis(2-Chloroethyl)ether	11.	U	10.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U		

	SAMPLE ID ——>	009-G-0007-00 MS		009-G-0007-00 MSD				
	ORIGINAL ID ——>	09GR07MS		09GR07MSD				
	LAB SAMPLE ID ——>							
	ID FROM REPORT ——>	09GR07MS		09GR07MSD				
	SAMPLE DATE ——>	02/03/94		02/03/94				
	DATE EXTRACTED ——>							
	DATE ANALYZED ——>	02/08/94		02/08/94				
	MATRIX ——>	Water		Water				
	UNITS ——>	UG/L		UG/L				
Method	Parameter	CT502	VAL	CT502	VAL			
VOA	1,1,1-Trichloroethane	10.	U	10.	U			
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U			
VOA	1,1,2-Trichloroethane	10.	U	10.	U			
VOA	1,1-Dichloroethane	10.	U	10.	U			
VOA	1,1-Dichloroethene	46.		48.				
VOA	1,2-Dichloroethane	10.	U	10.	U			
VOA	1,2-Dichloroethene (total)	10.	U	10.	U			
VOA	1,2-Dichloropropane	10.	U	10.	U			
VOA	2-Butanone (MEK)	10.	U	10.	U			
VOA	2-Hexanone	10.	U	10.	U			
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U			
VOA	Acetone	19.		35.				
VOA	Benzene	49.		49.				
VOA	Bromodichloromethane	10.	U	10.	U			
VOA	Bromoform	10.	U	10.	U			
VOA	Bromomethane	10.	U	10.	U			
VOA	Carbon disulfid.	10.	U	10.	U			
VOA	Carbon tetrachloride	10.	U	10.	U			
VOA	Chlorobenzene	48.		48.				
VOA	Chloroethane	10.	U	10.	U			
VOA	Chloroform	10.	U	10.	U			
VOA	Chloromethane	10.	U	10.	U			
VOA	Dibromochloromethane	10.	U	10.	U			
VOA	Ethylbenzene	10.	U	10.	U			
VOA	Methylene chloride	10.	U	10.	U			
VOA	Styrene	10.	U	10.	U			
VOA	Trtrachloroethene	10.	U	10.	U			
VOA	Toluene	48.		48.				
VOA	Trichloroethene	48.		48.				
VOA	Vinyl chloride	10.	U	10.	U			
VOA	m+p-Xylenes	10.	U	10.	U			
VOA	cis-1,3-Dichloropropene	10.	U	10.	U			
VOA	trans-1,3-Dichloropropene	10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>		009-M-0001-01 MS		009-M-0001-01 MSD		009-K-0009-01 KMSD		009-X-0009-01 XMS			
ORIGINAL ID ——>		09M0101MS		09M0101MSD		09S0901KMS		09S0901XMS			
LAB SAMPLE ID ——>		39496-32MS		39496-32MSD		39189-9MSD		39189-9MS			
ID FROM REPORT ——>		09M0101MS		09M0101MSD		09S0901KMS		09S0901XMS			
SAMPLE DATE ——>		03/02/94		03/02/94		02/01/94		02/01/94			
DATE EXTRACTED ——>											
DATE ANALYZED ——>		03/12/94		03/12/94		02/06/94		02/06/94			
MATRIX ——>		Soil		Soil		Soil		Soil			
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT520	VAL	CT520	VAL	CT501	VAL	CT501	VAL		
PEST	4,4'-DDD	11.		25.		3.5	U	3.5	U		
PEST	4,4'-DDE	12.		27.		6.8		4.6			
PEST	4,4'-DDT	29.		35.		32.		28.			
PEST	Aldrin	12.		13.		10.		10.			
PEST	Aroclor-1016	39.	U	40.	U	35.	U	35.	U		
PEST	Aroclor-1221	79.	U	82.	U	72.	U	72.	U		
PEST	Aroclor-1232	39.	U	40.	U	35.	U	35.	U		
PEST	Aroclor-1242	39.	U	40.	U	35.	U	35.	U		
PEST	Aroclor-1248	39.	U	40.	U	35.	U	35.	U		
PEST	Aroclor-1254	39.	U	40.	U	35.	U	35.	U		
PEST	Aroclor-1260	39.	U	40.	U	35.	U	35.	U		
PEST	Dieldrin	29.		32.		35.		31.			
PEST	Endosulfan I	2.	U	2.1	U	1.8	U	1.8	U		
PEST	Endosulfan II	3.9	U	4.	U	3.5	U	3.5	U		
PEST	Endosulfan sulfate	3.9	U	4.	U	3.5	U	3.5	U		
PEST	Endrin	27.		28.		22.		22.			
PEST	Endrin aldehyde	NR		NR		NR		NR			
PEST	Endrin ketone	3.9	U	4.	U	3.5	U	3.5	U		
PEST	Heptachlor	14.		14.		11.		11.			
PEST	Heptachlor epoxide	2.	U	2.1	U	1.8	U	1.8	U		
PEST	Methoxychlor	20.	U	21.	U	18.	U	18.	U		
PEST		200.	U	210.	U	180.	U	180.	U		
PEST	alpha-BHC	2.	U	2.1	U	1.8	U	1.8	U		
PEST	alpha-Chlordane	2.	U	2.1	U	1.8	U	1.6	U		
PEST	beta-BHC	2.	U	2.1	U	1.8	U	1.8	U		
PEST	delta-BHC	2.	U	2.1	U	NR		1.8	U		
PEST	gamma-BHC (Lindane)	15.		15.		11.		11.			
PEST	gamma-Chlordane	2.	U	2.1	U	1.8	U	1.8	U		
PEST	Endrin aldehyde	3.9	U	4.	U	3.5	U	3.5	U		

+++ Validation Complete *+*

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-N-0001-01 MS		009-N-0001-01 MSD		009-K-0009-01 KMSD		009-X-0009-01 XMS			
	ORIGINAL ID ——>	09N0101MS		09N0101MSD		0990901KMS		0990901XMS			
	LAB SAMPLE ID ——>	39496-32MS		39496-32MSD		39189-9MSD		39189-9MS			
	ID FROM REPORT ——>	09N0101MS		09N0101MSD		0990901KMS		0990901XMS			
	SAMPLE DATE ——>	03/02/94		03/02/94		02/01/94		02/01/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	03/10/94		03/10/94		02/05/94		02/05/94			
	MATRIX ——>	Soil		Soil		Soil		Soil			
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT520	VAL	CT520	VAL	CT501	VAL	CT501	VAL		
SVOA	1,2,4-Trichlorobenzene	1200.		1200.		1000.		940.			
SVOA	1,2-Dichlorobenzene	390.	U	400.	U	350.	U	350.	U		
SVOA	1,3-Dichlorobenzene	390.	U	400.	U	350.	U	350.	U		
SVOA	1,4-Dichlorobenzene	930.		960.		900.		790.			
SVOA	2,4,5-Trichlorophenol	950.	U	980.	U	860.	U	860.	U		
SVOA	2,4,6-Trichlorophenol	390.	U	400.	U	350.	U	350.	U		
SVOA	2,4-Dichlorophenol	390.	U	400.	U	350.	U	350.	U		
SVOA	2,4-Dimethylphenol	390.	U	400.	U	350.	U	350.	U		
SVOA	2,4-Dinitrophenol	950.	U	980.	U	860.	U	860.	U		
SVOA	2,4-Dinitrotoluene	1400.		1400.		1000.		960.			
SVOA	2,6-Dinitrotoluene	390.	U	400.	U	350.	U	350.	U		
SVOA	2-Chloronaphthalene	390.	U	400.	U	350.	U	350.	U		
SVOA	2-Chlorophenol	1600.		1700.		1500.		1400.			
SVOA	2-Methylnaphthalene	390.	U	400.	U	350.	U	350.	U		
SVOA	2-Methylphenol (o-Cresol)	390.	U	400.	U	350.	U	350.	U		
SVOA	2-Nitroanilim	950.	U	980.	U	860.	U	860.	U		
SVOA	2-Nitrophenol	390.	U	400.	U	350.	U	350.	U		
SVOA	3,3'-Dichlorobenzidine	390.	U	400.	U	350.	U	350.	U		
SVOA	3-Nitroaniline	950.	U	980.	U	860.	U	860.	U		
SVOA	4,6-Dinitro-2-methylphenol	950.	U	980.	U	860.	U	860.	U		
SVOA	4-Bromophenyl-phenylether	390.	U	400.	U	350.	U	350.	U		
SVOA	4-Chloro-3-methylphenol	2000.		2100.		1800.		1600.			
SVOA	4-Chloroaniline	390.	U	400.	U	350.	U	350.	U		
SVOA	4-Chlorophenyl-phenylether	390.	U	400.	U	350.	U	350.	U		
SVOA	4-Methylphenol (p-Cresol)	390.	U	4m.	U	350.	U	350.	U		
SVOA	4-Nitroaniline	950.	U	980.	U	860.	U	860.	U		
SVOA	4-Nitrophenol	2400.		2100.		1700.		1600.			
SVOA	Acenaphthene	1200.		1200.		1100.		1000.			
SVOA	Acenaphthylene	390.	U	400.	U	350.	U	350.	U		
SVOA	Anthracene	390.	U	400.	U	350.	U	350.	U		
SVOA	Benzo(a)anthracene	110.	J	400.	U	350.	U	350.	U		
SVOA	Benzo(a)pyrene	100.	J	400.	U	350.	U	350.	U		
SVOA	Benzo(b)fluoranthene	120.	J	400.	U	350.	U	350.	U		
SVOA	Benzo(g,h,i)perylene	390.	U	4m.	U	350.	U	350.	U		
SVOA	Benzo(k)fluoranthene	160.	J	4m.	U	350.	U	310.	U		
SVOA	Butylbenzylphthalate	440.		400.		350.	U	350.	U		

	SAMPLE ID →	009-M-0001-01 MS		009-M-0001-01 MSD		009-K-0009-01 KMSD		009-X-0009-01 XMS			
	ORIGINAL ID →	09M0101MS		09M0101MSD		09S0901KMS		09S0901XMS			
	LAB SAMPLE ID →	39496-32MS		39496-32MSD		39189-9MSD		39189-9MS			
	ID FROM REPORT →	09M0101MS		09M0101MSD		09S0901KMS		09S0901XMS			
	SAMPLE DATE →	03/02/94		03/02/94		02/01/94		02/01/94			
	DATE EXTRACTED →										
	DATE ANALYZED →	03/10/94		03/10/94		02/05/94		02/05/94			
	MATRIX →	Soil		Soil		Soil		Soil			
	UNITS →	UG/KG		UG/KG		UG/KG		UG/KG			
Method	Parameter	CT520	VAL	CT520	VAL	CTSM	VAL	CT501	VAL		
SVOA	Carbazole	390.	U	400.	U	350.	U	350.	U		
SVOA	Chrysene	140.	J	400.	U	350.	U	350.	U		
SVOA	Di-n-butylphthalate	390.	U	400.	U	350.	U	350.	U		
SVOA	Di-n-octylphthalate	390.	U	400.	U	350.	U	350.	U		
SVOA	Dibenzo(a,h)anthracene	390.	U	400.	U	350.	U	350.	U		
SVOA	Dibenzofurn	390.	U	400.	U	350.	U	350.	U		
SVOA	Diethylphthalate	390.	U	400.	U	350.	U	350.	U		
SVOA	Dimethylphthalate	390.	U	400.	U	350.	U	350.	U		
SVOA	Fluoranthene	290.	J	110.	J	350.	U	350.	U		
SVOA	Fluorene	390.	U	400.	U	350.	U	350.	U		
SVOA	Hexachlorobenzene	390.	U	400.	U	350.	U	350.	U		
SVOA	Hexachlorobutadiene	390.	U	400.	U	350.	U	350.	U		
SVOA	Hexachlorocyclopentadiene	390.	U	400.	U	350.	U	350.	U		
SVOA	Hexachloroethane	390.	U	400.	U	350.	U	350.	U		
SVOA	Indeno(1,2,3-cd)pyrene	390.	U	400.	U	350.	U	350.	U		
SVOA	Isophorone	390.	U	400.	U	350.	U	350.	U		
SVOA	N-Nitroso-di-n-propylamine	1300.		1300.		1100.		990.			
SVOA	N-Nitrosodiphenylamine	390.	U	400.	U	350.	U	350.	U		
SVOA	Naphthalene	390.	U	400.	U	350.	U	350.	U		
SVOA	Nitrobenzene	390.	U	Loo.	U	350.	U	350.	U		
SVOA	Pentachlorophenol	1900.		2300.		1900.		1700.			
SVOA	Phenanthrene	160.	J	400.	U	350.	U	350.	U		
SVOA	Phenol	1600.		1800.		1600.		1500.			
SVOA	Pyrene	1600.		1500.		1200.		1100.			
SVOA	bis(2-Chloroethoxy)methane	390.	U	Loo.	U	350.	U	350.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	180.	J	180.	J	350.	U	350.	U		
SVOA	bis(2-Chloroethyl)ether	390.	U	400.	U	350.	U	350.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	390.	U	400.	U	350.	U	350.	U		

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>		009-N-0001-01 MS		009-N-0001-01 MSD		009-K-0001-01 MS		009-X-0001-01 MSD		009-K-0009-01 KMSD		009-X-0009-01 XMS	
ORIGINAL ID ——>		09N0101MS		09N0101MSD		09S0101MS		09S0101MSD		09S0901KMS		09S0901XMS	
LAB SAMPLE ID ——>		39496-15MS		39496-15MSD		39200-7MS		39200-7MSD		39189-37MSD		39189-37MS	
ID FROM REPORT ——>		09N0101MS		09N0101MSD		09S0101MS		09S0101MSD		09S0901KMS		09S0901XMS	
SAMPLE DATE ——>		03/02/94		03/02/94		02/02/94		02/02/94		02/01/94		02/01/94	
DATE EXTRACTED ——>													
DATE ANALYZED ——>		03/11/94		03/11/94		02/06/94		02/06/94		02/03/94		02/03/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT520	VAL	CT520	VAL	CT501	VAL	CT501	VAL	CT501	VAL	CT501	VAL
VOA	1,1,1-Trichloroethane	12.	U	12.	U	1200.	U	TMO.	U	11.	U	11.	U
VOA	1,1,2,2-Tetrachloroethane	12.	U	12.	U	1200.	U	TMO.	U	11.	U	11.	U
VOA	1,1,2-Trichloroethane	12.	U	12.	U		U	TMO.	U	11.	U	11.	U
VOA	1,1-Dichloroethane	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	1,1-Dichloroethene	54.		54.		7400.		7800.		56.		58.	
VOA	1,2-Dichloroethane	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	1,2-Dichloroethene (total)	12.	U	12.	U	1200.	U	TMO.	U	11.	U	11.	U
VOA	1,2-Dichloropropane	12.	U	12.	U	1200.	U	TMO.	U	11.	U	11.	U
VOA	2-Butanone (MEK)	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	2-Hexanone	12.	U	12.	U	TMO.	U	TMO.	U	11.	U	11.	U
VOA	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	TMO.	U	1200.	U	11.	U	11.	U
VOA	Acetone	130.		120.		5100.	U	5300.	U	560.	U	880.	U
VOA	Benzene	63.		61.		6800.		7100.		57.		58.	
VOA	Bromodichloromethane	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Bromoform	12.	U	12.	U	1200.	U	TMO.	U	11.	U	11.	U
VOA	Bromomethane	12.	U	12.	U	TMO.	U	1200.	U	11.	U	11.	U
VOA	Carbon disulfide	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Carbon tetrachloride	12.	U	12.	U	1200.	U	TMO.	U	11.	U	11.	U
VOA	Chlorobenzene	66.		65.		6800.		7000.		57.		59.	
VOA	Chloroethane	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Chloroform	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Chloromethane	12.	U	12.	U	1200.	U	TMO.	U	11.	U	11.	U
VOA	Dibromochloromethane	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Ethylbenzene	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Methylene chloride	10.	J	11.	J	750.	U	840.	U	7.	U	7.	U
VOA	Styrene	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Tetrachloroethene	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	Toluene	65.		65.		6500.		6900.		55.		56.	
VOA	Trichloroethene	65.		64.		6500.		6500.		49.		52.	
VOA	Vinyl chloride	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	m+p-Xylenes	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	cis-1,3-Dichloropropene	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U
VOA	trans-1,3-Dichloropropene	12.	U	12.	U	1200.	U	1200.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-E-0002-00		009-E-GE01-00		009-E-SE01-00					
	ORIGINAL ID ——>	09GE02		09GE01		09SE01					
	LAB SAMPLE ID —>	X19143		X18848		39189-046					
	ID FROM REPORT —>	09GE02		09GE01		09SE01					
	SAMPLE DATE ——>	02/04/94		02/03/94		02/01/94					
	DATE EXTRACTED —>										
	DATE ANALYZED —>										
	MATRIX ——>	Water		Water		Water					
	UNITS ——>	UG/L		UG/L		UG/L					
Method	Parameter		VAL	NONE	VAL		VAL				
METAL	Aluminum	29.	UJ	29.	U	17.9	U				
METAL	Antimony	36.	UJ	36.	U	15.6	UJ				
METAL	Arsenic	4.	U	4.	U	2.9	U				
METAL	Barium	2.6	U	2.7		2.4	U				
METAL	Beryllium	3.	U	3.	U	0.4	U				
METAL	Cadmium	5.	U	5.	U	2.1	U				
METAL	Calcium	141.	U	122.		19.	U				
METAL	Chromium	4.	UJ	4.	U	2.3	U				
METAL	Cobalt	6.	U	6.	U	3.2	U				
METAL	Copper	3.4		3.	U	2.6	U				
METAL	Cyanide	NR		10.	U	1.	U				
METAL	Iron	14.	U	15.2	J	23.7	J				
METAL	Lead	2.	UJ	2.	U	0.7	U				
METAL	Magnesium	20.9		19.	U	22.	U				
METAL	Manganese	4.	UJ	4.	U	1.	UJ				
METAL	Mercury	0.2	U	0.2	U	0.1	U				
METAL	Nickel	15.	U	15.	U	10.4	U				
METAL	Potassium	469.	U	469.	U	649.	U				
METAL	Selenium	5.	U	5.	U	1.7	UJ				
METAL	Silver	6.	U	6.	U	3.6	UJ				
METAL	Sodium	50.4	U	34.9		276.					
METAL	Thallium	8.	U	8.	U	4.3					
METAL	Vanadium	6.	U	6.	U	3.3	U				
METAL	Zinc	9.	U	9.	U	2.3	U				

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——>	009-E-0002-00		009-E-GE01-00		009-E-SE01-00					
	ORIGINAL ID ——>	09GE02		09GE01		09SE01					
	LAB SAMPLE ID ——>	1914.3		1884.8		39189-45					
	ID FROM REPORT ——>	09GE02		09GE01		09SE01					
	SAMPLE DATE ——>	02/04/94		02/03/94		02/01/94					
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/11/94		02/10/94		02/05/94					
	MATRIX ——>	Water		Water		Water					
	UNITS ——>	UG/L		UG/L		UG/L					
Method	Parameter	CT502	VAL	CT502	VAL	CT501	VAL				
PEST	4,4'-DDD	0.11	UJ	0.11	UJ		U				
PEST	4,4'-DDE	0.11	UJ	0.11	UJ		U				
PEST	4,4'-DDT	0.11	UJ	0.11	UJ		U				
PEST	Aldrin	0.05	UJ	0.05	UJ		U				
PEST	Aroclor-1016	1.1	UJ	1.1	UJ		U				
PEST	Aroclor-1221	2.2	UJ	2.1	UJ		U				
PEST	Aroclor-1232	1.1	UJ	1.1	UJ		U				
PEST	Aroclor-1242	1.1	UJ	1.1	UJ		U				
PEST	Aroclor-1248	1.1	UJ	1.1	UJ		U				
PEST	Aroclor-1254	1.1	UJ	1.1	UJ		U				
PEST	Aroclor-1260	1.1	UJ	1.1	UJ		U				
PEST	Dieldrin	0.11	UJ	0.11	UJ		U				
PEST	Endosulfan I	0.05	UJ	0.05	UJ		U				
PEST	Endosulfan II	0.11	UJ	0.11	UJ		U				
PEST	Endosulfan sulfate	0.11	UJ	0.11	UJ		U				
PEST	Endrin	0.11	UJ	0.11	UJ		U				
PEST	Endrin aldehyde	0.11	UJ	0.11	UJ						
PEST	Endrin ketone	0.11	UJ	0.11	UJ		U				
PEST	Heptachlor	0.05	UJ	0.05	UJ		U				
PEST	Heptachlor epoxide	0.05	UJ	0.05	UJ		U				
PEST	Methoxychlor	0.54	UJ	0.53	UJ		U				
PEST	Toxaphene	5.4	UJ	5.3	UJ		U				
PEST	alpha-BHC	0.05	UJ	0.05	UJ		U				
PEST	alpha-Chlordane	0.05	UJ	0.05	UJ		U				
PEST	beta-BHC	0.05	UJ	0.05	UJ		U				
PEST	delta-BHC	0.05	UJ	0.05	UJ		U				
PEST	gamma-BHC (Lindane)	0.05	UJ	0.05	UJ		U				
PEST	gamma-Chlordane	0.05	UJ	0.05	UJ		U				
PEST	Endrin aldehyde	NR		NR			U				

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID ——:	009-E-0002-00		009-E-GE01-00		009-E-SE01-00				
	ORIGINAL ID ——:	09GE02		09GE01		WSEM				
	LAB SAMPLE ID —:	1914.3		1884.8		39189-45				
	ID FROM REPORT —:	09GE02		09GE01		09SE01				
	SAMPLE DATE ——:	02/04/94		02/03/94		02/01/91				
	DATE EXTRACTED —:									
	DATE ANALYZED —:	02/13/94		02/13/94		02/05/94				
	MATRIX ————:	Uatcr		Uatcr		Water				
	UNITS ————:	UG/L		UG/L		UG/L				
Method	Parameter	CT502	VAL	CT502	VAL	CT501	VAL			
SVOA	1,2,4-Tr ichlorobenzene	11.	U	12.	U	11.	U			
SVOA	1,2-Dichlorobenzene	11.	U	12.	U	11.	U			
SVOA	1,3-Dichlorobenzene	11.	U	12.	U	11.	U			
SVOA	1,4-Dichlorobenzene	11.	U	12.	U	11.	U			
SVOA	2,4,5-Tr ichlorophenol	27.	U	29.	U	27.	U			
SVOA	2,4,6-Trichlorophenol	11.	U	12.	U	11.	U			
SVOA	2,4-Dichlorophenol	11.	U	12.	U	11.	U			
SVOA	2,4-Dimethylphenol	11.	U	12.	U	11.	U			
SVOA	2,4-Dinitrophenol	27.	U	29.	R	27.	U			
SVOA	2,4-Dinitrotoluene	11.	U	12.	U	11.	U			
SVOA	2,6-Dinitrotoluene	11.	U	12.	U	11.	U			
SVOA	2-Chloronaphthalene	11.	U	12.	U	11.	U			
SVOA	2-Chlorophenol	11.	U	12.	U	11.	U			
SVOA	2-Methylnaphthalene	11.	U	12.	U	11.	U			
SVOA	2-Methylphenol (o-Cresol)	11.	U	12.	U	11.	U			
SVOA	2-Nitroanillm	27.	U	29.	U	27.	U			
SVOA	2-Nitrophenol	11.	U	12.	U	11.	U			
SVOA	3,3'-Dichlorobenzidine	11.	U	12.	U	11.	U			
SVOA	3-Nitroaniline	27.	U	29.	U	27.	U			
SVOA	4,6-Dinitro-2-methylphenol	27.	U	29.	U	27.	U			
SVOA	4-Bromophenyl-phenylether	11.	U	12.	U	11.	U			
SVOA	4-Chloro-3-methylphenol	11.	U	12.	U	11.	U			
SVOA	4-Chloroaniline	11.	UJ	12.	R	11.	U			
SVOA	4-Chlorophenyl-phenylether	11.	U	12.	U	11.	U			
SVOA	4-Methylphenol (p-Cresol)	11.	U	12.	U	11.	U			
SVOA	4-Nitroanilim	27.	U	29.	U	27.	U			
SVOA	4-Nitrophenol	27.	U	29.	U	27.	U			
SVOA	Acenaphthene	11.	U	12.	U	11.	U			
SVOA	Acenaphthylene	11.	U	12.	U	11.	U			
SVOA	Anthracene	11.	U	12.	U	11.	U			
SVOA	Benzo(a)anthracene	11.	U	12.	U	11.	U			
SVOA	Benzo(a)pyrene	11.	U	12.	U	11.	U			
SVOA	Benzo(b)fluoranthene	11.	U	12.	U	11.	U			
SVOA	Benzo(g,h i)perylene	11.	U	12.	U	11.	U			
SVOA	Benzo(k)fluoranthene	11.	U	12.	U	11.	U			
SVOA	Butylbenzylphthalate	11.	U	12.	U	11.	U			

*** Validation Complete ***

	SAMPLE ID	009-E-0002-00		009-E-GE01-00		009-E-SE01-00				
	ORIGINAL ID	09GE02		09GE01		09SE01				
	LAB SAMPLE ID	1914.3		1884.8		39189-45				
	ID FROM REPORT	09GE02		09GE01		09SE01				
	SAMPLE DATE	02/04/94		02/03/94		02/01/94				
	DATE EXTRACTED									
	DATE ANALYZED	02/13/94		02/13/94		02/05/94				
	MATRIX	Water		Water		Water				
	UNITS	UG/L		UG/L		UG/L				
Method	Parameter	CT502	VAL	CT502	VAL	CT501	VAL			
SVM	Carbazole	11.	U	12.	U	11.	U			
SVOA	Chrysene	11.	U	12.	U	11.	U			
SVOA	Di-n-butylphthalate	11.	U	6.	J	11.	U			
SVOA	Di-n-octylphthalate	11.	U	12.	U	11.	U			
SVOA	Dibenzo(a,h)anthracene	11.	U	12.	U	11.	U			
SVOA	Dibenzofuran	11.	U	12.	U	11.	U			
SVOA	Diethylphthalate	11.	U	12.	U	11.	U			
SVM	Dimethylphthalate	11.	U	12.	U	11.	U			
SVOA	Fluoranthene	11.	U	12.	U	11.	U			
SVOA	Fluorene	11.	U	12.	U	11.	U			
SVM	Hexachlorobenzene	11.	U	12.	U	11.	U			
SVOA	Hexachlorobutadiene	11.	U	12.	U	11.	U			
SVOA	Hexachlorocyclopentadiene	11.	U	12.	U	11.	U			
SVOA	Hexachloroethane	11.	U	12.	U	11.	U			
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	12.	U	11.	U			
SVOA	Isophorone	11.	U	12.	U	11.	U			
SVOA	N-Nitroso-di-n-propylamine	11.	U	12.	U	11.	U			
SVOA	N-Nitrosodiphenylamine	11.	U	12.	U	11.	U			
SVOA	Naphthalene	11.	U	12.	U	11.	U			
SVOA	Nitrobenzene	11.	U	12.	U	11.	U			
SVOA	Pentachlorophenol	27.	U	29.	U	27.	U			
SVM	Phenanthrene	11.	U	12.	U	11.	U			
SVM	Phenol	11.	U	12.	U	11.	U			
SVOA	Pyrene	11.	U	12.	U	11.	U			
SVOA	bis(2-Chloroethoxy)methane	11.	U	12.	U	11.	U			
SVM	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	4.	J	11.	U			
SVOA	bis(2-Chloroethyl)ether	11.	U	12.	U	11.	U			
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	12.	U	11.	U			

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

	SAMPLE ID	009-T-0001-00		009-E-0002-00		009-T-0003-00		009-E-GE01-00		009-T-GT01-00		009-E-SE01-00	
	ORIGINAL ID	WSTM		09GE02		09GT03		09GE01		09GT01		09SE01	
	LAB SAMPLE ID	39189-44										39189-43	
	ID FROM REPORT	09ST01		09GE02		09GT03		09GE01		09GT01		09SE01	
	SAMPLE DATE	02/01/94		02/04/94		02/04/94		02/03/94		02/01/94		02/01/94	
	DATE EXTRACTED												
	DATE ANALYZED			02/09/94		02/09/94		02/09/94		02/08/94		02/04/94	
	MATRIX	Water		Water		Water		Water		Water		Water	
	UNITS	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT501	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT502	VAL	CT501	VAL
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Methylene chloride	4.	U	10.	U	10.	U	10.	U	10.	U	4.	U
VOA	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Titrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	m+p-Xylenes	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09 - PHASE I DATA

SAMPLE ID ——>	009-T-GT02-CO
ORIGINAL ID ——>	09GT02
LAB SAMPLE ID ——>	
ID FROM REPORT —>	09GT02
SAMPLE DATE ——>	
DATE EXTRACTED —>	
DATE ANALYZED ——>	02/09/94
MATRIX ————>	Water
UNITS ————>	UG/L

Method	Parameter	CT502	VAL
VOA	1,1,1-Trichloroethane	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U
VOA	1,1,2-Trichloroethane	10.	U
VOA	1,1-Dichloroethane	10.	U
VOA	1,1-Dichloroethene	10.	U
VOA	1,2-Dichloroethane	10.	U
VOA	1,2-Dichloroethene (total)	10.	U
VOA	1,2-Dichloropropane	10.	U
VOA	2-Butanone (MEK)	10.	U
VOA	2-Hexanone	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U
VOA	Acetone	10.	U
VOA	Benzene	10.	U
VOA	Bromodichloromethane	10.	U
VOA	Bromoform	10.	U
VOA	Bromomethane	10.	U
VOA	Carbon disulfide	10.	U
VOA	Carbon tetrachloride	10.	U
VOA	Chlorobenzene	10.	U
VOA	Chloroethane	10.	U
VOA	Chloroform	10.	U
VOA	Chloromethane	10.	U
VOA	Dibromochloromethane	10.	U
VOA	Ethylbenzene	10.	U
VOA	Methylene chloride	10.	U
VOA	Styrene	10.	U
VOA	Tetrachloroethene	10.	U
VOA	Toluene	10.	U
VOA	Trichloroethene	10.	U
VOA	Vinyl chloride	10.	U
VOA	m+p-Xylenes	10.	U
VOA	cis-1,3-Dichloropropene	10.	U
VOA	trans-1,3-Dichloropropene	10.	U

*** Validation [redacted]

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID →	009-E-0001-01		009-F-0001-01					
	ORIGINAL ID →	009E000101		009F000101					
	LAB SAMPLE ID →	2138%		213888					
	SAMPLE DATE →	09/12/94		09/12/94					
	MATRIX →	Water		Water					
	UNITS →	UG/L		UG/L					
Method	Parameter	CT5263	VAL	CT5263	VAL				
METAL	Cyanide	10.	U	10.	U				
METAL	Aluminum	25.'	U	25.	U				
METAL	Antimony	37.	U	37.	U				
METAL	Arsenic	4.	U	4.7	J				
METAL	Barium	3.6	J	4.3	J				
METAL	Beryllium	1.	U	1.	U				
METAL	Cadmium	5.	U	5.	U				
METAL	Calcium	255.	J	382.	J				
METAL	Chromium	5.	U	5.	U				
METAL	Cobalt	4.	U	4.	U				
METAL	Copper	3.	U	3.	U				
METAL	Iron	10.2	J	16.9	J				
METAL	Lead	3.	U	3.	U				
METAL	Magnesium	48.9	J	25.3	J				
METAL	Manganese	3.	U	3.	U				
METAL	Mercury	0.2	U	0.2	U				
METAL	Nickel	13.	U	13.	U				
METAL	Potassium	532.	U	532.	U				
METAL	Selenium	5.	U	5.3	J				
METAL	Silver	4.	U	4.	U				
METAL	Sodium	47.6	J	46.7	J				
METAL	Thallium	5.	U	5.	U				
METAL	Vanadium	2.	U	2.	U				
METAL	Zinc	19.3	J	26.3	J				

*** Validation Complete ***

	SAMPLE ID ——>	009-E-0001-01		009-F-0001-01		009-F-0021-00		009-E-SE21-00			
	ORIGINAL ID ——>	009E000101		009F000101		70FB21		09SE21			
	LAB SAMPLE ID ——>	21389.6		21388.8		40308-16		40308-17			
	SAMPLE DATE ——>	09/12/94		09/12/94		05/18/94		05/18/94			
	DATE EXTRACTED ——>	09/16/94		09/16/94		05/20/94		05/20/94			
	DATE ANALYZED ——>	09/20/94		09/20/94		05/24/94		05/24/94			
	MATRIX ——>	Water		Water		Water		Water			
	UNITS ——>	ug/L		ug/L		UG/L		UG/L			
Method	Parameter	CT526	VAL	CT526	VAL	CT522	MV	CT522	MV		
SVOA	Phenol	11.	U	10.	U	11.	U	11.	U		
SVOA	bis(2-Chloroethyl)ether	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Chlorophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	1,3-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	1,601 chlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	1,2-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Ilrthy lphmol (o-Cresol)	11.	U	10.	U	11.	U	11.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Methylphenol (p-Cresol)	11.	U	10.	U	11.	U	11.	U		
SVOA	N-Nitroso-di-n-propylamine	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachloroethane	11.	U	10.	U	11.	U	11.	U		
SVOA	Nitrobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	Isophorone	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Nitrophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4-Dimethylphenol	11.	U	10.	U	11.	U	11.	U		
SVOA	bis(2-Chloroethoxy)methane	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4-Dichlorophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	1,2,4-Trichlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	Naphthalene	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Chloroaniline	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachlorobutadiene	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Chloro-3-methylphenol	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Methylnaphthalene	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachlorocyclopentadiene	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4,6-Trichlorophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4,5-Trichlorophenol	26.	U	25.	U	27.	U	27.	U		
SVOA	2-Chloronaphthalene	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Nitroaniline	26.	U	25.	U	27.	U	27.	U		
SVOA	Dimethylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	Acenaphthylene	11.	U	10.	U	11.	U	11.	U		
SVOA	2,6-Dinitrotoluene	11.	U	10.	U	11.	U	11.	U		
SVOA	3-Nitroaniline	26.	U	25.	U	27.	U	27.	U		
SVOA	Acenaphthene	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4-Dinitrophenol	26.	U	25.	U	21.	U	21.	U		
SVOA	4-Nitrophenol	26.	U	25.	U	27.	U	27.	U		
SVOA	Dibenzofuran	11.	U	10.	U	11.	U	11.	U		
SVOA	2,[illegible]nitrotoluene	11.	U	10.	[illegible]	11.	U	11.	U		

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-E-0001-01		009-F-0001-01		009-F-0021-00		009-E-SE21-00			
	ORIGINAL ID ——>	009E000101		009F000101		70FB21		09SE21			
	LAB SAMPLE ID ——>	21389.6		21388.8		40308-16		40308-17			
	SAMPLE DATE ——>	09/12/94		09/12/94		05/18/94		05/18/94			
	DATE EXTRACTED ——>	09/16/94		09/16/94		05/20/94		05/20/94			
	DATE ANALYZED ——>	09/20/94		09/20/94		05/24/94		05/24/94			
	MATRIX ——>	Water		Water		Water		Water			
	UNITS ——>	ug/L		ug/L		UG/L		UG/L			
Method	Parameter	CT526	VAL	CT526	VAL	CT522	NV	CT522	NV		
SVOA	Diethylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Chlorophcny l-pheny lether	11.	U	10.	U	11.	U	11.	U		
SVOA	Fluorene	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Nitroaniline	26.	U	25.	U	27.	U	27.	U		
SVOA	4,6-Dinitro-2-methylphenol	26.	U	25.	U	27.	U	27.	U		
SVOA	N-Nitrosodiphenylamine	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Bromophenyl-phenylether	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	Pentachlorophenol	26.	U	25.	U	27.	U	27.	U		
SVOA	Phenanthrene	11.	U	10.	U	11.	U	11.	U		
SVOA	Anthracene	11.	U	10.	U	11.	U	11.	U		
SVOA	Carbazole	11.	U	10.	U	11.	U	11.	U		
SVOA	Di-n-butylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	Fluoranthene	11.	U	10.	U	11.	U	11.	U		
SVOA	Pyrene	11.	U	10.	U	11.	U	11.	U		
SVOA	Butylbenzylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	3,3'-Dichlorobenzidine	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(a)anthracene	11.	U	10.	U	11.	U	11.	U		
SVOA	Chrysene	11.	U	10.	U	11.	U	11.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	10.	U	11.	U	11.	U		
SVOA	Di-n-octylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(b)fluoranthene	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(k)fluoranthene	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(a)pyrene	11.	U	10.	U	11.	U	11.	U		
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	10.	U	11.	U	11.	U		
SVOA	Dibenzo(a,h)anthracene	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(g,h,i)perylene	11.	U	10.	U	11.	U	11.	U		

DATALCP3

PENSACOLA, SITE 09
PBNSACOLA, SITE 09, CAT 5, PHASE 2

Time: 13:05

	SAMPLE ID	009-K-0010-04 MS		009-X-0010-04 MSD		009-K-0016-03 MS		009-X-0016-03 MSD		009-K-0017-03 MS		009-X-0017-03 MSD	
	ORIGINAL ID	09S1004MS		09S1004MSD		09S1603MS		09S1603MSD		09S1703MS		09S1703MSD	
	LAB SAMPLE ID	40308-4MS		40308-4MSD		40327-7MS		40327-7MSD		40327-2MS		40327-2MSD	
	ID FROM REPORT	A51904MS		A51904MSD		A52007MS		A52007MSD		A52002MS		A52002MSD	
	SAMPLE DATE												
	DATE EXTRACTED	05/19/94		05/19/31		05/25/94		05/25/94		05/27/94		05/27/94	
	DATE ANALYZED	05/24/94		05/26/94		05/26/94		05/26/94		06/01/94		06/01/94	
	MATRIX	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	NV	CT522	NV	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL
SVOA	Phenol	1400.		1600.		1500.		1600.		42000.		50000.	
SVOA	bis(2-Chloroethyl)ether	350.	U	350.	U	3%.	U	350.	U	11000.	U	11000.	U
SVOA	2-Chlorophenol	1300.		1400.		1500.		1600.		40000.		48000.	
SVOA	1,3-Dichlorobenzene	350.	U	3%.	U	350.	U	350.	U	11000.	U	llaoo.	U
SVOA	1,4-Dichlorobenzene	630.		640.		830.		860.		24000.		29000.	
SVOA	1,2-Dichlorobenzene	350.	U	350.	U	3%.	U	3%.	U	11000.	U	11000.	U
SVOA	2-Methylphenol (o-Cresol)	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	350.	U	350.	U	11000.	U	llaoo.	U
SVOA	4-Methylphenol (p-Cresol)	350.	U	350.	U	350.	U	350.	U	11000.	U	llaoo.	U
SVOA	N-Nitroso-di-n-propylamine	850.		960.		940.		980.		29000.		35000.	
SVOA	Hexachloroethane	350.	U	350.	U	350.	U	350.	U	11000.	U	llaoo.	U
SVOA	Nitrobenzene	3%.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Isophorone	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	2-Nitrophenol	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	2,4-Dimethylphenol	350.	U	350.	U	350.	U	350.	U	11000.	U	llaoo.	U
SVOA	bis(2-Chloroethoxy)methane	350.	U	350.	U	3%.	U	350.	U	11000.	U	11000.	U
SVOA	2,4-Dichlorophenol	3%.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	1,2,4-Trichlorobenzene	700.		750.		960.		980.		25000.		30000.	
SVOA	Naphthalene	3%.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	4-Chloroaniline	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Hexachlorobutadiene	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	4-Chloro-3-methylphenol	1600.		1800.		1700.		1700.		45000.		51000.	
SVOA	2-Methylnaphthalene	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Hexachlorocyclopentadiene	350.	U	350.	U	350.	U	350.	U	11000.	U	llaoo.	U
SVOA	2,4,6-Trichlorophenol	550.	U	350.	U	3%.	U	350.	U	11000.	U	11000.	U
SVOA	2,4,5-Trichlorophenol	860.	U	860.	U	850.	U	860.	U	27000.	U	27000.	U
SVOA	2-Chloronaphthalene	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	2-Nitroaniline	860.	U	860.	U	850.	U	860.	U	27000.	U	27000.	U
SVOA	Dimethylphthalate	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Acenaphthylene	350.	U	350.	U	350.	U	3%.	U	11000.	U	11000.	U
SVOA	2,6-Dinitrotoluene	350.	U	3%.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	3-Nitroaniline	860.	U	860.	U	850.	U	860.	U	27000.	U	27000.	U
SVOA	Acenaphthene	980.		1100.		1100.		1200.		27000.		33000.	
SVOA	2,4-Dinitrophenol	860.	U	860.	U	850.	U	860.	U	27000.	U	27000.	U
SVOA	4-Nitrophenol	2000.		2400.		1800.		1800.		42000.		55000.	
SVOA	Dibenzofuran	350.	U	350.		350.	U	350.	U	11000.	U	11000.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

SAMPLE ID ——>		009-K-0010-04 MS		009-X-0010-04 MSD		009-K-0016-03 MS		009-X-0016-03 MSD		009-K-0017-03 MS		009-X-0017-03 MSD	
ORIGINAL ID ——>		09S1004MS		09S1004MSD		09S1603MS		09S1603MSD		09S1703MS		09S1703MSD	
LAB SAMPLE ID ——>		40308-4MS		40308-4MSD		40327-7MS		40327-7MSD		40327-2MS		40327-2MSD	
ID FROM REPORT ——>		A51904MS		A51904MSD		A52007MS		A52007MSD		A52002MS		A52002MSD	
SAMPLE DATE ——>													
DATE EXTRACTED ——>		05/19/94		05/19/94		05/25/94		05/25/94		05/27/94		05/27/94	
DATE ANALYZED ——>		05/24/94		05/24/94		05/26/94		05/26/94		06/01/94		06/01/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT522	NV	CT522	NV	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL
SVOA	2,4-Dinitrotoluene	1100.		1300.		1200.		1200.		23000.		32000.	
SVOA	Diethylphthalate	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	4-Chloropheny1-phmylether	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Fluorene	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	4-Nitromiline	860.	U	860.	U	850.	U	860.	U	27000.	U	27000.	U
SVOA	4,6-Dinitro-2-methylphenol	860.	U	860.	U	850.	U	860.	U	27000.	U	27000.	U
SVOA	N-Nitrosodiphenylamine	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	4-Bromopheny1-phenylether	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Hexachlorobenzene	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Pentachlorophenol	1500.		1600.		1300.		1400.		34000.		40000.	
SVOA	Phenanthrene	350.	U	350.	U	350.	U	350.	U	4300.	J	3100.	J
SVOA	Anthracene	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Carbazole	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Di-n-butylphthalate	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Fluoranthene	350.	U	350.	U	350.	U	350.	U	7400.	J	6100.	J
SVOA	Pyrene	1600.		1800.		1800.		1700.		40000.		49000.	
SVOA	Butylbenzylphthalate	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	3,3'-Dichlorobenzidine	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Benzo(a)anthracene	350.	U	350.	U	350.	U	350.	U	4300.	J	3800.	J
SVOA	Chrysene	350.	U	350.	U	350.	U	350.	U	4400.	J	4100.	J
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Di-n-octylphthalate	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Benzo(b)fluoranthene	350.	U	350.	U	350.	U	350.	U	5300.	J	4100.	J
SVOA	Benzo(k)fluoranthene	350.	U	350.	U	350.	U	350.	U	3700.	J	4200.	J
SVOA	Benzo(a)pyrene	350.	U	350.	U	350.	U	350.	U	4000.	J	3600.	J
SVOA	Indeno(1,2,3-cd)pyrene	350.	U	350.	U	350.	U	350.	U	2200.	J	11000.	U
SVOA	Dibenzo(a,h)anthracene	350.	U	350.	U	350.	U	350.	U	11000.	U	11000.	U
SVOA	Benzo(g,h,i)perylene	350.	U	350.	U	350.	U	350.	U	2200.	J	11000.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-S-0020-12 MS		009-S-0020-12 MSD					
	ORIGINAL ID ——>	009S002012MS		009S002012MSD					
	LAB SAMPLE ID ——>	21391.8MS		21391.8MSD					
	ID FROM REPORT ——>	A91304MS		A91304MSD					
	SAMPLE DATE ——>	09/12/94		09/12/94					
	DATE EXTRACTED ——>	09/16/94		09/16/94					
	DATE ANALYZED ——>	09/19/94		09/20/94					
	MATRIX ——>	Soil		Soil					
	UNITS ——>	ug/Kg		ug/Kg					
Method	Parameter	CT526	VAL	CT526	VAL				
SVOA	Phenol	2200.		1900.					
SVOA	bis(2-Chloroethyl)ether	420.	U	420.	U				
SVOA	2-Chlorophenol	2200.		2000.					
SVOA	1,3-Dichlorobenzene	420.	U	420.	U				
SVOA	1,4-Dichlorobenzene	930.		1000.					
SVOA	1,2-Dichlorobenzene	420.	U	420.	U				
SVOA	2-Methylphenol (o-Cresol)	420.	U	420.	U				
SVOA	2,2'-oxybis(1-Chloropropane)	420.	U	420.	U				
SVOA	4-Methylphenol (p-Cresol)	420.	U	420.	U				
SVOA	N-Nitroso-di-n-propylamine	1700.		1600.					
SVOA	Hexachloroethane	420.	U	420.	U				
SVOA	Nitrobenzene	420.	U	420.	U				
SVOA	Isophorone	420.	U	420.	U				
SVOA	2-Nitrophenol	420.	U	420.	U				
SVOA	2,4-Dimethylphenol	420.	U	420.	U				
SVOA	bis(2-Chloroethoxy)methane	420.	U	420.	U				
SVOA	2,4-Dichlorophenol	420.	U	420.	U				
SVOA	1,2,4-Trichlorobenzene	1100.		1300.					
SVOA	Naphthalene	420.	U	420.	U				
SVOA	4-Chloroaniline	420.	U	420.	U				
SVOA	Hexachlorobutadiene	420.	U	420.	U				
SVOA	4-Chloro-3-methylphenol	2100.		2100.					
SVOA	2-Methylnaphthalene	420.	U	420.	U				
SVOA	Hexachlorocyclopentadiene	420.	U	420.	U				
SVOA	2,4,6-Trichlorophenol	420.	U	420.	U				
SVOA	2,4,5-Trichlorophenol	1000.	U	1000.	U				
SVOA	2-Chloronaphthalene	420.	U	420.	U				
SVOA	2-Nitroaniline	1000.	U	1000.	U				
SVOA	Dimethylphthalate	420.	U	420.	U				
SVOA	Acenaphthylene	420.	U	420.	U				
SVOA	2,6-Dinitrotoluene	420.	U	420.	U				
SVOA	3-Nitroaniline	1000.	U	1000.	U				
SVOA	Acenaphthene	1400.		1400.					
SVOA	2,4-Dinitrophenol	1000.	U	1000.	U				
SVOA	4-Nitrophenol	2300.		2100.					
SVOA	Di[illegible]nfuran	420.	U	420.	[illegible]				

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID	009-S-0020-12 MS		009-S-0020-12 MSD				
	ORIGINAL ID	009S002012MS		009S002012MSD				
	LAB SAMPLE ID	21391.8MS		21391.8MSD				
	ID FROM REPORT	A91304MS		A91304MSD				
	SAMPLE DATE	09/12/94		09/12/94				
	DATE EXTRACTED	09/16/94		09/16/94				
	DATE ANALYZED	09/19/94		09/20/94				
	MATRIX	Soil		Soil				
	UNITS	ug/Kg		ug/Kg				
Method	Parameter	CT526	VAL	CT526	VAL			
SVOA	2,4-Dinitrotolume	1500.		1500.				
SVOA	Diethylphthalate	420.	U	420.	U			
SVOA	4-Chlorophenyl-phenylether	420.	U	420.	U			
SVOA	Fluorene	420.	U	420.	U			
SVOA	4-Nitromiline	1000.	U	1000.	U			
SVOA	4,6-Dinitro-2-methylphenol	1000.	U	1000.	U			
SVOA	N-Nitrosodiphenylamine	420.	U	420.	U			
SVOA	4-Bromophenyl-phenylether	420.	U	420.	U			
SVOA	Hexachlorobenzene	420.	U	420.	U			
SVOA	Pentachlorophenol	2300.		2400.				
SVOA	Phenanthrene	420.	U	420.	U			
SVOA	Anthracene	420.	U	420.	U			
SVOA	Carbazole	420.	U	420.	U			
SVOA	Di-n-butylphthalate	420.	U	420.	U			
SVOA	Fluoranthene	420.	U	420.	U			
SVOA	Pyrene	1700.		1900.				
SVOA	Butylbenzylphthalate	420.	U	420.	U			
SVOA	3,3'-Dichlorobenzidine	420.	U	420.	U			
SVOA	Benzo(a)anthracene	420.	U	420.	U			
SVOA	Chrysene	420.	U	420.	U			
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U	420.	U			
SVOA	Di-n-octylphthalate	420.	U	420.	U			
SVOA	Benzo(b)fluoranthene	420.	U	420.	U			
SVOA	Benzo(k)fluoranthene	420.	U	420.	U			
SVOA	Benzo(a)pyrene	420.	U	420.	U			
SVOA	Indeno(1,2,3-cd)pyrene	420.	U	420.	U			
SVOA	Dibenzo(a,h)anthracene	420.	U	420.	U			
SVOA	Benzo(g,h,i)perylene	420.	U	420.	U			

PENSACOW, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID	009-E-0001-01		009-F-0001-01					
	ORIGINAL ID	009E000101		009F000101					
	LAB SAMPLE ID	213896		213888					
	ID FROM REPORT	A91302		A91301					
	SAMPLE DATE	09/12/94		09/12/94					
	DATE EXTRACTED								
	DATE ANALYZED								
	MATRIX	Water		Water					
	UNITS	UG/L		UG/L					
Method	Parameter	CT5263	VAL		VAL				
METAL	Cyanide	10.	U	10.	U				
METAL	Aluminum	25.	U	25.	U				
METAL	Antimony	37.	U	37.	U				
METAL	Arsenic	4.	U	4.7	J				
METAL	Barium	3.6	J	4.3	J				
METAL	krylliu	1.	U	1.	U				
RTAL	Cadmium	5.	U	5.	U				
METAL	Calcium	255.	J	382.	J				
METAL	Chromium	5.	U	5.	U				
METAL	Cobalt	4.	U	4.	U				
METAL	Copper	3.	U	3.	U				
METAL	Iron	10.2	J	16.9	J				
METAL	Lead	3.	U	3.	U				
METAL		48.9	J	b.3	J				
METAL	Manganese	3.	U	3.	U				
METAL	Mercury	0.2	U	0.2	U				
METAL	Nickel	13.	U	13.	U				
METAL	Potassium	532.	U	532.	U				
METAL	Selenium	5.	U	5.3	J				
METAL	Silver	4.	U	4.	U				
METAL	Sodium	47.6	J	46.7	J				
METAL	Thallium	5.	U	5.	U				
METAL	Vanadium	2.	U	2.	U				
METAL	Zinc	19.3	J	26.3	J				

*** Validation Complete ***

	SAMPLE ID	009-E-0001-01		009-F-0001-01		009-F-0021-00		009-E-SE21-00			
	ORIGINAL ID	009E000101		009F000101		70FB21		09SE21			
	LAB SAMPLE ID	21389.6		21388.8		40308-16		40308-17			
	ID FROM REPORT	A91302		A91301		A51916		A51917			
	SAMPLE DATE	09/12/94		09/12/94		05/18/94		05/18/94			
	DATE EXTRACTED	09/16/94		09/16/94		05/20/94		05/20/94			
	DATE ANALYZED	09/20/94		09/20/94		05/24/94		05/24/94			
	MATRIX	Water		Water		Mater		Water			
	UNITS	ug/L		ug/L		UG/L		UG/L			
Method	Parameter	CT526	V M	CT526	VAL	CT522	NV	CT522	NV		
SVOA	Phenol	11.	U	10.	U	11.	U	11.	U		
SVOA	bis(2-Chloroethyl)ether	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Chlorophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	1,;-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	1,4-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	1,2-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Methylphenol (o-Cresol)	11.	U	10.	U	11.	U	11.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Methylphenol (p-Cresol)	11.	U	10.	U	11.	U	11.	U		
SVOA	N-Nitroso-di-n-propylamine	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachloroethane	11.	U	10.	U	11.	U	11.	U		
SVOA	Nitrobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	Isophorone	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Mitrophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4-Dimethylphenol	11.	U	10.	U	11.	U	11.	U		
SVOA	bis(2-Chloroethoxy)methane	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4-Dichlorophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	1,2,4-Trichlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	Naphthalene	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Chloroaniline	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachlorobutadiene	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Chloro-3-methylphenol	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Methylnaphthalene	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachlorocyclopentadiene	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4,6-Trichlorophenol	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4,5-Trichlorophenol	26.	U	25.	U	27.	U	27.	U		
SVOA	2-Chloronaphthalene	11.	U	10.	U	11.	U	11.	U		
SVOA	2-Nitroaniline	26.	U	25.	U	27.	U	27.	U		
SVOA	Dimethylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	Acenaphthylene	11.	U	10.	U	11.	U	11.	U		
SVOA	2,6-Dinitrotoluene	11.	U	10.	U	11.	U	11.	U		
SVOA	3-Nitroaniline	26.	U	25.	U	27.	U	27.	U		
SVOA	Acenaphthene	11.	U	10.	U	11.	U	11.	U		
SVOA	2,4-Dinitrophenol	26.	U	25.	U	27.	U	27.	U		
SVOA	4-Hitrophenol	26.	U	25.	U	27.	U	27.	U		
SVOA	Dibenzofuran	11.	U	10.	U	11.	U	11.	U		

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	009-E-0001-01		009-F-0001-01		009-F-0021-00		009-E-SE21-00			
	ORIGINAL ID ——>	009E000101		009F000101		70FB21		09SE21			
	LAB SAMPLE ID ——>	21389.6		21388.8		40308-16		40308-17			
	ID FROM REPORT ——>	A91302		A91301		A51916		A51917			
	SAMPLE DATE ——>	09/12/94		09/12/94		05/18/94		05/18/94			
	DATE EXTRACTED ——>	09/16/94		09/16/94		05/20/94		05/20/94			
	DATE ANALYZED ——>	09/20/94		09/20/94		05/24/94		05/24/94			
	MATRIX ——>	Water		Water		Water		Water			
	UNITS ——>	ug/L		ug/L		UG/L		UG/L			
Method	Parameter	CT526	VAL	CT526	VAL	CT522	NV	CT522	NV		
SVOA	2,4-Dinitrotoluene	11.	U	10.	U	11.	U	11.	U		
SVOA	Diethylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Chlorophenyl-phenylether	11.	U	10.	U	11.	U	11.	U		
SVOA	Fluorene	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Nitroanilim	26.	U	a.	U	27.	U	27.	U		
SVOA	4,6-Dinitro-2-methylphenol	26.	U	a.	U	27.	U	27.	U		
SVOA	N-Nitrosodiphenylamine	11.	U	10.	U	11.	U	11.	U		
SVOA	4-Bromophenyl-phenylether	11.	U	10.	U	11.	U	11.	U		
SVOA	Hexachlorobenzene	11.	U	10.	U	11.	U	11.	U		
SVOA	Pentachlorophenol	26.	U	25.	U	27.	U	n.	U		
SVOA	Phenanthrene	11.	U	10.	U	11.	U	11.	U		
SVOA	Anthracene	11.	U	10.	U	11.	U	11.	U		
SVOA	Carbazole	11.	U	10.	U	11.	U	11.	U		
SVOA	Di-n-butylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	fluoranthene	11.	U	10.	U	11.	U	11.	U		
SVOA	Pyrene	11.	U	10.	U	11.	U	11.	U		
SVOA	M ylbenzylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	3,3'-Dichlorobenzidine	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(a)anthracene	11.	U	10.	U	11.	U	11.	U		
SVOA	Chrysene	11.	U	10.	U	11.	U	11.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	10.	U	11.	U	11.	U		
SVOA	Di-n-octylphthalate	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(b)fluoranthene	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(k)fluoranthene	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(a)pyrene	11.	U	10.	U	11.	U	11.	U		
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	10.	U	11.	U	11.	U		
SVOA	Dibenzo(a,h)anthracene	11.	U	10.	U	11.	U	11.	U		
SVOA	Benzo(g,h,i)perylene	11.	U	10.	U	11.	U	11.	U		

DATALCP3
05/02/95

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	BLK-W-PBLK-19		BLK-W-PIBK-T1		BLK-U-PIBK-T2		BLK-W-PIBK-T4			
	ORIGINAL ID ——>	PBLK19		PIBLKT1		PIBLKT2		PIBLKT4			
	LAB SAMPLE ID ——>	BP3932B		PIBLKT1		PIBLKT2		PIBLKT4			
	ID FROM REPORT ——>	PBLK19		PIBLKT1		PIBLKR		PIBLKT4			
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>	06/02/94									
	DATE ANALYZED ——>	06/04/94		06/03/94		06/04/94		06/06/94			
	MATRIX ——>	Soil		Water		Water		Water			
	UNITS ——>	UG/KG		UG/L		UG/L		UG/L			
Method	Parameter	CT523	VAL	CT523	VAL	CT523	VAL	CT523	VAL		
PEST	alpha-BHC	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	beta-BHC	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	delta-BHC	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	gamma-BHC (Lindane)	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	Heptachlor	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	Aldrin	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	Heptachlor epoxide	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	Endosulfan I	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	Dieldrin	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	4,4'-DDE	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	Endrin	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	Endosulfan II	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	4,4'-DDD	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	Endosulfan sulfate	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	4,4'-DDT	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	Methoxychlor	17.	U	0.0097	J	0.5	U	0.5	U		
PEST	Endrin ketone	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	Endrin aldehyde	3.3	U	0.1	U	0.1	U	0.1	U		
PEST	alpha-Chlordane	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	gamma-Chlordane	1.7	U	0.05	U	0.05	U	0.05	U		
PEST	Toxaphene	170.	U	5.	U	5.	U	5.	U		
PEST	Aroclor-1016	33.	U	1.	U	1.	U	1.	U		
PEST	Aroclor-1221	67.	U	2.	U	2.	U	2.	U		
PEST	Aroclor-1232	33.	U	1.	U	1.	U	1.	U		
PEST	Aroclor-1242	33.	U	1.	U	1.	U	1.	U		
PEST	Aroclor-1248	33.	U	1.	U	1.	U	1.	U		
PEST	Aroclor-1254	33.	U	1.	U	1.	U	1.	U		
PEST	Aroclor-1260	33.	U	1.	U	1.	U	1.	U		

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	BLK-W-SBLK-FC		BLK-W-SBLK-FM		BLK-W-SBLK-FO		BLK-W-SBLK-HV		SBL-T-T526-01		SBL-T-T526-02	
	ORIGINAL ID ——>	SBLKFC		SBLKFM		SBLKFO		SBLKHV		SBLK259		SBLK259-1	
	LAB SAMPLE ID ——>	BA1969B		BA1971B		BA1979A		BA1973A		SBLK259		SBLK259-1	
	ID FROM REPORT ——>	SBLKFC		SBLKFM		SBLKFO		SBLKHV		SBLK259		SBLK259-1	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	05/20/94		05/27/94		05/25/94		05/19/94		09/16/94		09/16/94	
	DATE ANALYZED ——>	05/24/94		05/31/94		06/01/94		05/24/94		09/20/94		09/19/94	
	MATRIX ——>	Water		Soil		Soil		Soil		Water		Soil	
	UNITS ——>	UG/L		UG/KG		UG/KG		UG/KG		ug/L		ug/Kg	
Method	Parameter	CT522	MV	CT523	VAL	CT523	VAL	CT522	MV	CT526	VAL	CT526	VAL
SVOA	Phenol	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	bis(2-Chloroethyl)ether	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2-Chlorophenol	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	1,3-Dichlorobenzene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	1,4-Dichlorobenzene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	1,2-Dichlorobenzene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2-Methylphenol (o-Cresol)	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2,2'-oxybis(1-Chloropropane)	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	4-Methylphenol (p-Cresol)	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	N-Nitroso-di-n-propylamine	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Hexachloroethane	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Nitrobenzene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Isophorone	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2-Nitrophenol	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2,4-Dimethylphenol	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	bis(2-Chloroethoxy)methane	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2,4-Dichlorophenol	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	1,2,4-Trichlorobenzene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Naphthalene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	4-Chloroaniline	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Hexachlorobutadiene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	4-Chloro-3-methylphenol	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2-Methylnaphthalene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Hexachlorocyclopentadiene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2,4,6-Trichlorophenol	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2,4,5-Trichlorophenol	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	2-Chloronaphthalene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2-Nitroaniline	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	Dimethylphthalate	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Acenaphthylene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2,6-Dinitrotoluene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	3-Nitroaniline	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	Acenaphthene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	2,4-Dinitrophenol	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	4-Nitrophenol	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	D[illegible]ofuran	10.	U	10000.	[illegible]	330.	U	330.	U	10.	U	[illegible]330.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

SAMPLE ID ——>		BLK-W-SBLK-FC		BLK-W-SBLK-FM		BLK-W-SBLK-FO		BLK-W-SBLK-HV		SBL-T-T526-01		SBL-T-T526-02	
ORIGINAL ID ——>		SBLKFC		SBLKFN		SBLKFO		SBLKHV		SBLK259		SBLK259-1	
LAB SAMPLE ID ——>		BA1969B		BA1971B		BA1979A		BA1973A		SBLK259		SBLK259-1	
ID FROM REPORT ——>		SBLKFC		SBLKFM		SBLKFO		SBLKHV		SBLK259		SBLK259-1	
SAMPLE DATE ——>													
DATE EXTRACTED ——>		05/20/94		05/27/94		05/25/94		05/19/94		09/16/94		09/16/94	
DATE ANALYZED ——>		05/24/94		05/31/94		06/01/94		05/24/94		09/20/94		09/19/94	
MATRIX ——>		Water		Soil		Soil		Soil		Water		Soil	
UNITS ——>		UG/L		UG/KG		UG/KG		UG/KG		ug/L		ug/Kg	
Method	Parameter	CT522	NV	CT523	VAL	CT523	VAL	CT522	NV	CT526	VAL	CT526	VAL
SVOA	2,4-Dinitrotoluene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Diethylphthmlate	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	4-Chlorophmy l-phany lethcr	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Fluorene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	4-Nitroaniline	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	4,6-Dinitro-2-methylphenol	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	N-Nitrosodiphenylamine	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	4-Bromophenyl-phenyl ether	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Hexachlorobenzene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Pentachlorophenol	25.	U	25000.	U	800.	U	800.	U	25.	U	800.	U
SVOA	Phenanthrene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Anthracene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Carbazole	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Di-n-butylphthalato	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	fluoranthene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Pyrene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Butylbenzylphthalate	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	3,3'-Dichlorobenzidine	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Benzo(a)anthracene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Chrysene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Di-n-octylphthalate	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Benzo(b)fluoranthene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Benzo(k)fluoranthene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Benzo(a)pyrene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Indeno(1,2,3-cd)pyrene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Dibenzo(a,h)anthracene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U
SVOA	Benzo(g,h) Dperylene	10.	U	10000.	U	330.	U	330.	U	10.	U	330.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, CAT 5, PHASE 2

	SAMPLE ID ——>	BLK-W-VBLK-DW		BLK-W-VBLK-EA					
	ORIGINAL ID ——>	VBLKDW		VBLKEA					
	LAB SAMPLE ID ——>	B0060394A		BE0603948					
	ID FROM REPORT ——>	VBLKDW		VBLKEA					
	SAMPLE DATE ——>								
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>	06/03/94		06/03/94					
	MATRIX ——>	Soil		Soil					
	UNITS ——>	UG/KG		UG/KG					
Method	Parameter	CT523	VAL	CT523	VAL				
VOA	Chloromethane	10.	U	10.	U				
VOA	Bromomethane	10.	U	10.	U				
VOA	Vinyl chloride	10.	U	10.	U				
VOA	Chloroethane	10.	U	10.	U				
VOA	Methylene chloride	2.	J	2.	J				
VOA	Acetone	7.	J	25.	J				
VOA	Carbon disulfide	10.	U	10.	U				
VOA	1,1-Dichloroethene	10.	U	10.	U				
VOA	1,1-Dichloroethane	10.	U	10.	U				
VOA	1,2-Dichloroethene (total)	10.	U	10.	U				
VOA	Chloroform	10.	U	10.	U				
VOA	1,2-Dichloroethane	10.	U	10.	U				
VOA	2-Butanone (MEK)	10.	U	10.	U				
VOA	1,1,1-Trichloroethane	10.	U	10.	U				
VOA	Carbon tetrachloride	10.	U	10.	U				
VOA	Bromodichloromethane	10.	U	10.	U				
VOA	1,2-Dichloropropane	10.	U	10.	U				
VOA	cis-1,3-Dichloropropene	10.	U	10.	U				
VOA	Trichloroethene	10.	U	10.	U				
VOA	Dibromochloromethane	10.	U	10.	U				
VOA	1,1,2-Trichloroethane	10.	U	10.	U				
VOA	Benzene	10.	U	10.	U				
VOA	trans-1,3-Dichloropropene	10.	U	10.	U				
VOA	Bromoform	10.	U	10.	U				
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U				
VOA	2-Hexanone	10.	U	10.	U				
VOA	Totrachloroethene	10.	U	10.	U				
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U				
VOA	Toluene	10.	U	10.	U				
VOA	Chlorobenzene	10.	U	10.	U				
VOA	Ethylbenzene	10.	U	10.	U				
VOA	Styrene	10.	U	10.	U				
VOA	m+p-Xylenes	10.	U	10.	U				

*** Validation Complete *e*

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0026-04 MS		009-S-0026-04 MSD		009-S-0026-D3 MS		009-S-0026-D3 MSD			
	ORIGINAL ID ——>	009S002603MS		009S002603MSD		09S002603MS		09S002603MSD			
	LAB SAMPLE ID ——>	668128MS		668129MSD		666799MS		666800MSD			
	ID FROM REPORT ——>	09S002603MS		09S002603MSD		09S002603MS		09S002603MSD			
	SAMPLE DATE ——>	12/13/94		12/13/94		12/09/94		12/09/94			
	DATE EXTRACTED ——>	12/20/94		12/20/94		12/27/94		12/27/94			
	DATE ANALYZED ——>	01/13/95		01/13/95		12/30/94		12/30/94			
	MATRIX ——>	soi1		Soil		Water		Water			
	UNITS ——>	UG/KG		UG/KG		UG/L		UG/L			
Method	Parameter	00079	VAL	00079	VAL	0031P	VAL	0031P	VAL		
PEST	alpha-BHC	NR		NR		0.0013	J	0.0018	J		
PEST	beta-BHC	NR		NR		0.01	U	0.0022	J		
PEST	delta-BHC	NR		NR		0.0008	J	0.0008	J		
PEST	gamma-BHC (Lindane)	NR		NR		0.066	J	0.061	J		
PEST	Heptachlor	NR		NR		0.0023	J	0.0004	J		
'EST	Aldrin	NR		NR		0.01	U	0.0004	J		
PEST	Heptachlor epoxide	NR		NR		0.064	J	0.06	J		
'EST	Endosulfan I	NR		NR		0.0005	J	0.01	U		
'EST	Dieldrin	NR		NR		0.14	J	0.13	J		
'EST	4,4'-DDE	NR		NR		0.11	J	0.12	J		
'EST	Endrin	NR		NR		0.13		0.12			
'EST	Endosulfan II	NR		NR		0.02	U	0.02	U		
'EST	4,4'-DDD	NR		NR		0.0009	J	0.02	U		
'EST	Endosulfan sulfate	NR		NR		0.14		0.082	J		
'EST	4,4'-DDT	NR		NR		0.0009	J	0.02	U		
'EST	Methoxychlor	NR		NR		0.1	U	0.1	U		
'EST	Endrin ketone	NR		NR		0.007	J	0.0019	J		
'EST	Endrin aldehyde	NR		NR		0.0026	J	0.02	U		
'EST	alpha-Chlordane	NR		NR		0.01	U	0.01	U		
'EST	gamma-Chlordane	NR		NR		0.068	J	0.066	J		
'EST	Toxaphene	NR		NR		1.	U	1.	U		
'EST	Aroclor-1016	NR		NR		0.2	U	0.2	U		
'EST	Amlor-1221	NR		NR		0.4	U	0.4	U		
'EST	Aroclor-1232	NR		NR		0.2	U	0.2	U		
'EST	Aroclor-1242	NR		NR		0.2	U	0.2	U		
'EST	Aroclor-1248	NR		NR		0.2	U	0.2	U		
'EST	Amlor-1254	NR		NR		0.2	U	0.2	U		
'EST	Aroclor-1260	NR		NR		0.2	U	0.2	U		
'EST	2,4-D	120.		120.		NR		NR			
'EST	2,4,5-TP (Silvex)	31.		26.	J	NU		NR			
'EST	2,4,5-T	31.		32.	J	NR		NR			

	SAMPLE ID ——>	009-S-0026-3A MS		009-S-0026-3A MSD				
	ORIGINAL ID ——>	009S002603MS		009S002603MSD				
	LAB SAMPLE ID ——>	666795MS		666796MSD				
	ID FROM REPORT ——>	09S002603MS		09S002603MSD				
	SAMPLE DATE ——>							
	DATE EXTRACTED ——>	12/27/94		12/27/94				
	DATE ANALYZED ——>	01/03/95		01/03/95				
	MATRIX ——>	Water		Water				
	UNITS ——>	UG/L		UG/L				
Method	Parameter	0029P	VAL	0029P	VAL			
SVOA	Phenol	75.		65.				
SVOA	bis(2-Chloroethyl)ether	36.		32.				
SVOA	2-Chlorophenol	81.	J	68.				
SVOA	1,3-Dichlorobenzene	NR		NR				
SVOA	1,4-Dichlorobenzene	NR		NR				
SVOA	1,2-Dichlorobenzene	NR		NR				
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U			
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U			
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U			
SVOA	N-Nitroso-di-n-propylamine	38.		33.				
SVOA	Hexachloroethane	26.		24.				
SVOA	Nitrobenzene	5.	U	5.	U			
SVOA	Isophorone	38.		33.				
SVOA	2-Nitrophenol	5.	U	5.	U			
SVOA	2,4-Dimethylphenol	5.	U	5.	U			
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U			
SVOA	2,4-Dichlorophenol	5.	U	5.	U			
SVOA	1,2,4-Trichlorobenzene	32.		30.				
SVOA	Naphthalene	34.		31.				
SVOA	4-Chloroaniline	63.		59.				
SVOA	Hexachlorobutadiene	5.	U	5.	U			
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U			
SVOA	2-Methylnaphthalene	5.	U	5.	U			
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U			
SVOA	2,4,6-Trichlorophenol	67.		54.				
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U			
SVOA	2-Chloronaphthalene	5.	U	5.	U			
SVOA	2-Nitroanilim	20.	U	20.	U			
SVOA	Dimethylphthalate	5.	U	5.	U			
SVOA	Acenaphthylene	5.	U	5.	U			
SVOA	2,6-Dinitrotoluene	5.	U	5.	U			
SVOA	3-Nitroaniline	20.	U	20.	U			
SVOA	Acenaphthene	5.	U	5.	U			
SVOA	2,4-Dinitrophenol	20.	U	20.	U			
SVOA	4[illegible]rophenol	20.	U	20.	U			
SVOA	D[illegible]ofuran	5.	U	5.	[illegible]			

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

SAMPLE ID →		009-S-0026-3A MS		009-S-0026-3A MSD				
ORIGINAL ID →		009S002603MS		009S002603MSD				
LAB SAMPLE ID →		666795MS		666796MSD				
ID FROM REPORT →		09S002603MS		09S002603MSD				
SAMPLE DATE →								
DATE EXTRACTED →		12/27/94		12/27/94				
DATE ANALYZED →		01/03/95		01/03/95				
MATRIX →		Mater		Water				
UNITS →		UG/L		UG/L				
Method .	Parameter	0029P	VAL	0029P	VAL			
SVOA	2,4-Dinitrotoluene	27.		23.				
SVOA	Diethylphthalate	38.		33.				
SVOA	4-Chlorophenyl-phenylather	5.	U	5.	U			
SVOA	Fluorene	5.	U	5.	U			
SVOA	4-Mitroani1ine	20.	U	20.	U			
SVOA	4,6-Dinitro-2-methylphenol	20.	U	20.	U			
SVOA	N-Nitrosodiphenylamine	30.		26.				
SVOA	4-Bromophenyl-phenylether	5.	U	5.	U			
SVOA	Hexachlorobenzene	30.		26.				
SVOA	Pentachlorophenol	20.	U	20.	U			
SVOA	Phenanthrene	5.	U	5.	U			
SVOA	Anthracene	5.	U	5.	U			
SVOA	Carbazole	NR		NR				
SVOA	Di-n-butylphthalate	5.	U	5.	U			
SVOA	Fluoranthene	5.	U	5.	U			
SVOA	Pyrene	5.	U	5.	U			
SVOA	Butylbenzylphthalate	5.	U	5.	U			
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U			
SVOA	Benzo(a)anthracene	5.	U	S.	U			
SVOA	Chrysene	5.	U	5.	U			
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U			
SVOA	Di-n-octylphthalate	5.	U	5.	U			
SVOA	Benzo(b)fluoranthene	5.	U	5.	U			
SVOA	Benzo(k)fluoranthene	5.	U	5.	U			
SVOA	Benzo(a)pyrene	33.		31.				
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	5.	U			
SVOA	Dibenzo(a,h)anthracene	5.	U	5.	U			
SVOA	Benzo(g,h,i)perylene	5.	U	5.	U			

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0001-01 MS		009-S-0001-01 MSD		009-S-0026-03 MS		009-S-0026-03 MSD			
	ORIGINAL ID ——>	09S000101MS		09S000101MSD		09S002603MS		09S002603MSD			
	LAB SAMPLE ID ——>	667325MS		667326MSD		666791MS		666792MSD			
	ID FROM REPORT ——>	09S000101MS		09S000101MSD		09S002603MS		09S002603MSD			
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	12/16/94		12/16/91		12/21/91		12/21/94			
	MATRIX ——>	Soil		Soil		Water		Water			
	UNITS ——>	UG/KG		UG/KG		UG/L		UG/L			
Method	Parameter		VAL	00051	VAL	0027P	VAL	0027P	VAL		
VOA	Chloromethane	10.	u	10.	u	1.	u	1.	u		
VOA	Bromomethane	10.	u	10.	u	1.	u	1.	u		
VOA	Vinyl chloride	10.	u	10.	u	5.		6.			
VOA	Chloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	Methylene chloride	10.	u	10.	u	10.	u	11.	u		
VOA	Acetone	10.	u	10.	u	5.	u	7.	u		
VOA	Carbon disulfide	10.	u	10.	u	1.	u	1.	u		
VOA	1,1-Dichloroethene	56.		55.		1.	u	1.	u		
VOA	1,1-Dichloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	1,2-Dichloroethene (total)	10.	u	10.	u	NR		NR			
VOA	Chloroform	10.	u	10.	u	5.	u	5.	u		
VOA	1,2-Dichloroethane	10.	u	10.	u	5.		5.			
VOA	2-Butanone (MEK)	10.	u	10.	u	5.	u	5.	u		
VOA	1,1,1-Trichloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	Carbon tetrachloride	10.	u	10.	u	5.		6.			
VOA	Bromodichloromethane	10.	u	10.	u	1.	u	1.	u		
VOA	1,2-Dichloropropane	10.	u	10.	u	4.		4.			
VOA	cis-1,3-Dichloropropene	10.	u	10.	u	4.		4.			
VOA	Trichloroethene	44.		45.		5.		5.			
VOA	Dibromochloromethane	10.	u	10.	u	1.	u	1.	u		
VOA	1,1,2-Trichloroethane	10.	u	10.	u	4.		4.			
VOA	Benzene	48.		49.		5.		5.			
VOA	trans-1,3-Dichloropropene	10.	u	10.	u	1.	u	1.	u		
VOA	Bromoform	10.	u	10.	u	4.		4.			
VOA	4-Methyl-2-Pentanone (MIBK)	10.	u	10.	u	5.	u	5.	u		
VOA	2-Hexanone	10.	u	10.	u	5.	u	5.	u		
VOA	Tetrachloroethene	10.	u	10.	u	4.		5.			
VOA	1,1,2,2-Tetrachloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	Toluene	45.		45.		1.	u	1.	u		
VOA	Chlorobenzene	U.		45.		1.	u	1.	u		
VOA	Ethylbenzene	10.	u	10.	u	1.	u	1.	u		
VOA	Styrene	10.	u	10.	u	1.	u	1.	u		
VOA	m+p-Xylenes	10.	u	10.	u	1.	u	1.	u		
VOA	cis-1,2-Dichloroethylene	MI		MI		1.	u	1.	u		
VOA	Ethene, 1,2-dichloro-, (E)-	NR		NR		1.	u	1.	u		
VOA	[illegible] bromomethane	NR		NR		1.	u	1.	u		

*** Validation Complete ***

DATALCP3
05/05/95

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-S-0001-01 MS	009-S-0001-01 MSD	009-S-0026-03 MS	009-S-0026-03 MSD		
	ORIGINAL ID ——>	09S000101MS	09S000101MSD	09S002603MS	09S002603MSD		
	LAB SAMPLE ID ——>	667325MS	667326MSD	666791MS	666792MSD		
	ID FROM REPORT ——>	09S000101MS	09S000101MSD	09S002603MS	09S002603MSD		
	SAMPLE DATE ——>						
	DATE EXTRACTED ——>						
	DATE ANALYZED ——>	12/16/94	12/16/94	12/21/94	12/21/94		
	MATRIX ——>	Soil	Soil	Water	Water		
	UNITS ——>	UG/KG	UG/KG	UG/L	UG/L		
Method	Parameter	00051 VAL	00051 VAL	0027P VAL	0027P VAL		
VOA	Ethylene dibromide	NR	NR	4.	3.		
VOA	1,3-Dichlorobenzene	NR	NR	1. U	1. U		
VOA	1,4-Dichlorobenzene	NR	NR	4.	4.		
VOA	1,2-Dichlorobenzene	NR	NR	1. U	1. U		
VOA	DBCP	NR	NR	1. U	1. U		

DATALCP3
05/05/95

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-E-0003-0)		009-f-0003-0)					
	ORIGINAL ID ——>	009E000301		009F000301					
	LAB SAMPLE ID ——>	669116		669117					
	ID FROM REPORT ——>	09E000301		09F000301					
	SAMPLE DATE ——>	12/14/94		12/14/94					
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>								
	MATRIX ——>	Water		Water					
	UNITS ——>	UG/L		UG/L					
Method	Parameter	98216I	VAL	98216I	VAL				
METAL	Aluminum	118.	J	138.	J				
METAL	Antimony	1.9	U	1.9	U				
METAL	Arsenic	3.5	U	3.5	U				
METAL	Barium	4.5	J	4.5	J				
METAL	Beryllium	0.1	U	0.1	U				
METAL	Cadmium	0.5	U	0.5	U				
METAL	Calcium	270.	J	181.	J				
METAL	Chromium	6.6	J	2.2	U				
METAL	Cobalt	0.5	U	0.5	U				
METAL	Copper	0.8	U	0.8	U				
METAL	Iron	35.	J	35.8	J				
METAL	Lead	1.6	U	1.6	U				
METAL	Magnesium	20.6	J	16.5	J				
METAL	Manganese	3.	J	1.2	J				
METAL	Mercury	82.6	J	0.2	U				
METAL	Nickel	4.7	J	1.5	U				
METAL	Potassium	138.	J	149.	J				
METAL	Selenium	4.4	U	4.4	U				
METAL	Silver	0.6	U	0.6	U				
METAL	Sodium	674.	J	603.	J				
METAL	Thallium	5.5	U	5.5	U				
METAL	Vanadium	0.5	U	0.5	U				
METAL	Zinc	6.2	J	3.6	J				
METAL	Cyanide	10.	UJ	10.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-E-0003-01		009-F-0003-01							
	ORIGINAL ID ——>	009E000301		009F000301							
	LAB SAMPLE ID ——>	669096		669097							
	ID FROM REPORT ——>	09E000301		09F000301							
	SAMPLE DATE ——>	12/05/94		12/05/94							
	DATE EXTRACTED ——>	12/18/94		12/20/94							
	DATE ANALYZED ——>	12/28/94		12/27/94							
	MATRIX ——>	Water		Water							
	UNITS ——>	UG/L		UG/L							
Method	Parameter	0004L	VAL	0004L	VAL						
PEST	alpha-BHC	0.01	U	0.01	U						
PEST	beta-BHC	0.01	U	0.01	U						
PEST	delta-BHC	0.01	U	0.0025	J						
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U						
PEST	Heptachlor	0.0006	J	0.01	U						
PEST	Aldrin	0.01	U	0.01	U						
PEST	Heptachlor epoxide	0.0005	J	0.01	U						
PEST	Endosulfan I	0.01	U	0.01	U						
PEST	Dieldrin	0.02	U	0.02	U						
PEST	4,4'-DDE	0.02	U	0.02	U						
PEST	Endrin	0.02	U	0.02	U						
PEST	Endosulfan II	0.02	U	0.02	U						
PEST	4,4'-DDD	0.0029	J	0.02	U						
PEST	Endosulfan sulfate	0.02	U	0.02	U						
PEST	4,4'-DDT	0.011	J	0.0014	J						
PEST	Methoxychlor	0.1	U	0.1	U						
PEST	Endrin ketone	0.02	U	0.02	U						
PEST	Endrin aldehyde	0.02	U	0.02	U						
PEST	alpha-Chlordane	0.01	U	0.01	U						
PEST	gamma-Chlordane	0.01	U	0.01	U						
PEST	Toxaphene	1.	U	1.	U						
PEST	Aroclor-1016	0.2	U	0.2	U						
PEST	Aroclor-1221	0.4	U	0.4	U						
PEST	Aroclor-1232	0.2	U	0.2	U						
PEST	Aroclor-1242	0.2	U	0.2	U						
PEST	Aroclor-1248	0.2	U	0.2	U						
PEST	Aroclor-1254	0.2	U	0.2	U						
PEST	Aroclor-1260	0.2	U	0.2	U						
PEST	2,4-D	NR		NR							
PEST	2,4,5-TP (Silvex)	NR		NR							
PEST	2,4,5-T	NR		NR							

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-E-0003-01		009-F-0003-01					
	ORIGINAL ID ——>	009E000301		009F000301					
	LAB SAMPLE ID —>	669096		669097					
	ID FROM REPORT —>	09E000301		09F000301					
	SAMPLE DATE ——>	12/05/94		12/05/94					
	DATE EXTRACTED —>	12/18/94		12/18/94					
	DATE ANALYZED —>	12/20/94		12/20/94					
	MATRIX ——>	Water		Water					
	UNITS ——>	UG/L		UG/L					
Method	Parameter	0004L	VAL	0004L	VAL				
SVOA	Phenol	5.	U	5.	U				
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U				
SVOA	2-Chlorophenol	5.	U	5.	U				
SVOA	1,3-Dichlorobenzene	NR		NR					
SVOA	1,4-Dichlorobenzene	NR		NR					
SVOA	1,2-Dichlorobenzene	NR		NR					
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U				
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U				
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U				
SVOA	N-Nitroso-di-n-propylamine	5.	U	5.	U				
SVOA	Hexachloroethane	5.	U	5.	U				
SVOA	Nitrobenzene	5.	U	5.	U				
SVOA	Isophorone	5.	U	5.	U				
SVOA	2-Nitrophenol	5.	U	5.	U				
SVOA	2,4-Dimethylphenol	5.	U	5.	U				
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U				
SVOA	2,4-Dichlorophenol	5.	U	5.	U				
SVOA	1,2,4-Trichlorobenzene	5.	U	5.	U				
SVOA	Naphthalene	5.	U	5.	U				
SVOA	4-Chloroaniline	5.	U	5.	U				
SVOA	Hexachlorobutadiene	5.	U	5.	U				
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U				
SVOA	2-Methylnaphthalene	5.	U	5.	U				
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U				
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U				
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U				
SVOA	2-Chloronaphthalene	5.	U	5.	U				
SVOA	2-Nitroaniline	20.	U	20.	U				
SVOA	Dimethylphthalate	5.	U	5.	U				
SVOA	Acenaphthylene	5.	U	5.	U				
SVOA	2,6-Dinitrotoluene	5.	U	5.	U				
SVOA	3-Nitroaniline	20.	U	20.	U				
SVOA	Acenaphthene	5.	U	5.	U				
SVOA	2,4-Dinitrophenol	20.	U	20.	U				
SVOA	4-Nitrophenol	20.	U	20.	U				
SVOA	Dibenzofuran	5.	U	5.					

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID →	009-E-0003-01		009-F-0003-01							
	ORIGINAL ID →	009E000301		009F000301							
	LAB SAMPLE ID →	669096		669097							
	ID FROM REPORT →	09E000301		09F000301							
	SAMPLE DATE →	12/05/94		12/05/94							
	DATE EXTRACTED →	12/18/94		12/18/94							
	DATE ANALYZED →	12/20/94		12/20/94							
	MATRIX →	Water		Water							
	UNITS →	UG/L		UG/L							
Method	Parameter	0004L	VAL	0004L	VAL						
SVOA	2,4-Dinitrotoluene	5.	u	5.	u						
SVOA	DiethylphthaLata	5.	u	5.	u						
SVOA	4-Chlorophenyl-phenylether	5.	u	5.	u						
SVOA	fluorene	5.	u	5.	u						
SVOA	4-Nitroaniline	20.	u	20.	u						
SVOA	4,6-Dinitro-2-methylphenol	20.	u	20.	u						
SVOA	N-Nitrosodiphenylamine	5.	u	5.	u						
SVOA	4-Bromophenyl-phenylether	5.	u	5.	u						
SVOA	Hexachlorobenzene	5.	u	5.	u						
SVOA	Pentachlorophenol	20.	u	20.	u						
SVOA	Phenanthrene	5.	u	5.	u						
SVOA	Anthracene	5.	u	5.	u						
SVOA	Carbazole	NR		NR							
SVOA	Di-n-butylphthalate	5.	u	5.	u						
SVOA	Fluoranthene	5.	u	5.	u						
SVOA	Pyrene	5.	u	5.	u						
SVOA	Butylbenzylphthalate	5.	u	5.	u						
SVOA	3,3'-Dichlorobenzidine	5.	u	5.	u						
SVOA	Benzo(a)anthracene	5.	u	5.	u						
SVOA	Chrysene	5.	u	5.	u						
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	u	5.	u						
SVOA	Di-n-octylphthalate	5.	u	5.	u						
SVOA	Benzo(b)fluoranthene	5.	u	5.	u						
SVOA	Benzo(k)fluoranthene	5.	u	5.	u						
SVOA	Benzo(a)pyrene	5.	u	5.	u						
SVOA	Indeno(1,2,3-cd)pyrene	5.	u	5.	u						
SVOA	Dibenzo(a,h)anthracene	5.	u	5.	u						
SVOA	Benzo(g,h,i)perylene	5.	u	5.	u						

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-E-0002-01		009-F-0002-01		009-E-0003-01		009-F-0003-01			
	ORIGINAL ID ——>	09E000201		09F000201		009E000301		009F000301			
	LAB SAMPLE ID ——>	665577		665578		669096		669097			
	ID FROM REPORT ——>	09E000201		09F000201		09E000301		09F000301			
	SAMPLE DATE ——>	12/06/93		12/06/93		12/05/94		12/05/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	12/10/94		12/10/94		12/18/94		12/18/94			
	MATRIX ——>	Water		Water		Water		Water			
	UNITS ——>	UG/L		UG/L		UG/L		UG/L			
Method	Parameter	00001	VAL	00001	VAL	0004L	VAL	0004L	VAL		
VOA	Chloromethane	10.	u	10.	u	1.	u	1.	u		
VOA	Bromomethane	10.	u	10.	u	1.	u	1.	u		
VOA	Vinyl chloride	10.	u	10.	u	1.	u	1.	u		
VOA	Chloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	Methylene chloridr	3.	J	10.	u	2.	u	2.	u		
VOA	Acetone	10.	u	10.	u	5.	u	5.	u		
VOA	Carbon disulfide	10.	u	10.	u	1.	u	1.	u		
VOA	1,1-Dichloroethene	10.	u	10.	u	1.	u	1.	u		
VOA	1,1-Dichloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	1,2-Dichloroethene (total)	10.	u	10.	u	NR		NR			
VOA	Chloroform	10.	u	10.	u	1.	u	1.	u		
VOA	1,2-Dichloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	2-Butanone (MEK)	10.	u	10.	u	5.	u	5.	u		
VOA	1,1,1-Trichloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	Carbon tetrachlorIcL	10.	u	10.	u	1.	u	1.	U		
VOA	Bromodichloromethane	10.	u	10.	u	1.	u	1.	u		
VOA	1,2-Dichloropropane	10.	u	10.	u	1.	u	1.	u		
VOA	cis-1,3-Dichloropropene	10.	u	10.	u	1.	u	1.	u		
VOA	Trichloroethene	10.	u	10.	u	1.	u	1.	u		
VOA	Dibromochloromethane	10.	u	10.	u	1.	u	1.	u		
VOA	1,1,2-Trichloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	Benzene	10.	u	10.	u	1.	u	1.	u		
VOA	trans-1,3-Dichloropropene	10.	u	10.	u	1.	u	1.	u		
VOA	Bromoform	10.	u	10.	u	1.	u	1.	u		
VOA	4-Methyl-2-Pentanone (MIBK)	10.	u	10.	u	5.	u	5.	u		
VOA	2-Hexanone	10.	u	10.	u	5.	u	5.	u		
VOA	Tetrachloroethene	10.	u	10.	u	1.	u	1.	u		
VOA	1,1,2,2-Tetrachloroethane	10.	u	10.	u	1.	u	1.	u		
VOA	Toluene	10.	u	10.	u	1.	u	1.	u		
VOA	Chlorobenzene	10.	u	10.	u	1.	u	1.	u		
VOA	Ethylbenrm	10.	u	10.	u	1.	u	1.	u		
VOA	Styrene	10.	u	10.	u	1.	u	1.	u		
VOA	m+p-Xylenes	10.	u	10.	u	1.	u	1.	u		
VOA	cis-1,2-Dichloroethylene	NR		NR		1.	u	1.	u		
VOA	Et[illegible], 1,2-dichloro-, (E)-	NR		NR		1.	u	1.	u		
VOA	Cl[illegible]romomethane	NR		NR		1.	u	1.	u		

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-E-0002-01		009-F-0002-01		009-E-0003-01		009-F-0003-01			
	ORIGINAL ID ——>	09E000201		09F000201		D09E000301		D09F000301			
	LAB SAMPLE ID ——>	665577		565578		669096		569097			
	ID FROM REPORT ——>	09E000201		09F000201		D9E000301		D9F000301			
	SAMPLE DATE ——>	12/06/93		12/06/93		12/05/94		12/05/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	12/10/94		12/10/94		12/18/94		12/18/94			
	MATRIX ——>	Mater		Water		Water		Water			
	UNITS ——>	UG/L		UG/L		UG/L		UG/L			
Method	Parameter	00001	VAL	00001	VAL	0004L	VAL	D004L	VAL		
VOA	Ethylene dibromide	NR		NR		1.	U	1.	U		
VOA	1,3-Dichlorobenzene	NR		NR		1.	U	1.	U		
VOA	1,4-Dichlorobenzene	NR		NR		1.	U	1.	U		
VOA	1,2-Dichlorobenzene	NR		NR		1.	U	1.	U		
VOA	DBCP	NR		NR		1.	U	1.	U		

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	009-T-0001-01		009-T-0001-02		009-T-0002-01		009-T-0003-01			
	ORIGINAL ID ——>	09T000101		09T000101		0009T000201		0009T000301			
	LAB SAMPLE ID ——>	667329		667525		669108		669362			
	ID FROM REPORT ——>	09T000101		09T000101		09T000201		09T000301			
	SAMPLE DATE ——>					12/05/94		12/05/94			
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	12/15/94		12/17/94		12/18/94		12/21/94			
	MATRIX ——>	Water		Water		Water		Water			
	UNITS ——>	UG/L		UG/L		UG/L		UG/L			
Method	Parameter	00053	VAL	0035P	VAL	0004L	VAL	0004L	VAL		
VOA	Chloromethane	10.	U	1.	U	1.	U	1.	U		
VOA	Bromomethane	10.	U	1.	U	1.	U	1.	U		
VOA	Vinyl chloride	10.	U	1.	U	1.	U	1.	U		
VOA	Chloroethane	10.	U	1.	U	1.	U	1.	U		
VOA	Methylene chloride	2.	J	2.	U	2.	U	0.5	J		
VOA	Acetone	10.	U	5.	U	[illegible]	U	5.	U		
VOA	Carbon disulfide	10.	U	1.	U	1.	U	1.	U		
VOA	1,1-Dichloroethene	10.	U	1.	U	1.	U	1.	U		
VOA	1,1-Dichloroethane	10.	U	1.	U	1.	U	1.	U		
VOA	1,2-Dichloroethene (total)	10.	U	NR		NR		NR			
VOA	Chlorofo n	10.	U	1.	U	1.	U	1.	U		
VOA	1,2-Dichloroethane	10.	U	1.	U	1.	U	1.	U		
VOA	2-Butanone (MEK)	10.	U	5.	U	5.	U	5.	U		
VOA	1,1,1-Trichloroethane	10.	U	1.	U	1.	U	1.	U		
VOA	Carbon tetrachloride	10.	U	1.	U	1.	U	1.	U		
VOA	Bromodichloromethane	10.	U	1.	U	1.	U	1.	U		
VOA	1,2-Dichloropropane	10.	U	1.	U	1.	U	1.	U		
VOA	cis-1,3-Dichloropropene	10.	U	1.	U	1.	U	1.	U		
VOA	Trichloroethene	10.	U	1.	U	1.	U	1.	U		
VOA	Dibromochloromethane	10.	U	[illegible]	U	1.	U	1.	U		
VOA	1,1,2-Trichloroethane	10.	U	1.	U	1.	U	1.	U		
VOA	Benzene	10.	U	1.	U	1.	U	1.	U		
VOA	trans-1,3-Dichloropropene	10.	U	1.	U	1.	U	1.	U		
VOA	Bromoform	10.	U	1.	U	1.	U	1.	U		
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	[illegible]	U	5.	U	5.	U		
VOA	2-Hexanone	10.	U	5.	U	5.	U	5.	U		
VOA	Tetrachloroethene	10.	U	1.	U	1.	U	1.	U		
VOA	1,1,2,2-Tetrachloroethane	10.	U	1.	U	1.	U	1.	U		
VOA	Toluene	10.	U	1.	U	1.	U	1.	U		
VOA	Chlorobenzene	10.	U	1.	U	1.	U	1.	U		
VOA	Ethylbenzene	10.	U	1.	U	1.	U	1.	U		
VOA	Styrene	10.	U	1.	U	1.	U	1.	U		
VOA	m+p-Xylenes	10.	U	1.	U	1.	U	1.	U		
VOA	cis-1,2-Dichloroethylene	NR		1.	U	1.	U	1.	U		
VOA	[illegible]ne,1,2-dichloro-, (E)-	NR		1.	U	1.	U	1.	U		
VOA	[illegible] bromomethane	NR		1.		1.	U	1.	U		

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID	009-T-0001-01	009-T-0001-02	009-T-0002-01	009-T-0003-01		
	ORIGINAL ID	09T000101	D9T000101	0009T000201	0009T000301		
	LAB SAMPLE ID	667329	667525	669108	669362		
	ID FROM REPORT	09T000101	09T000101	09T000201	09T000301		
	SAMPLE DATE			12/05/94	12/05/94		
	DATE EXTRACTED						
	DATE ANALYZED	12/15/94	12/17/94	12/18/94	12/21/94		
	MATRIX	Water	Water	Water	Water		
	UNITS	UG/L	UG/L	UG/L	UG/L		
Method	Parameter	00053 VAL	0035P VAL	0004L VAL	0004L VAL		
VOA	Ethylene dibromide	NR	1. u	1. u	1. u		
VOA	1,3-Dichlorobenzene	NR	1. u	1. u	1. u		
VOA	1,4-Dichlorobenzene	NR	1. u	1. u	1. u		
VOA	1,2-Dichlorobenzene	NR	1. u	1. u	1. u		
VOA	DBCP	NR	1. u	1. u	1. u		

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	BLK-D-LEAC-00		BLK-D-LEAC-01					
	ORIGINAL ID ——>	LEACHBLANK		LEACHBLANK2					
	LAB SAMPLE ID ——>	669773		672180					
	ID FROM REPORT ——>	MAC006		MAC007					
	SAMPLE DATE ——>								
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>								
	MATRIX ——>	Water		Water					
	UNITS ——>	UG/L		UG/L					
Method	Parameter	8235PI	VAL	8235PI	VAL				
METAL	Aluminum	19.2	U	19.2	U				
METAL	Antimony	1.9	U	2.	J				
METAL	Arsenic	3.5	U	3.5	U				
METAL	Barium	2.4	J	1.9	J				
METAL	Beryllium	0.1	U	0.1	U				
METAL	Cadmium	0.5	U	0.5	U				
METAL	Calcium	566.	J	166.	J				
METAL	Chromium	2.2	U	2.2	U				
METAL	Cobalt	0.5	U	0.5	U				
METAL	Copper	11.8	J	2.4	J				
METAL	Iron	27.2	U	27.2	U				
METAL	Lead	22.3	J	1.6	UJ				
METAL		66.6	J	30.8	J				
METAL	Manganese	3.4	J	0.68	J				
METAL		0.2	U	0.21	J				
METAL	Nickel	2.3	J	1.5	U				
METAL	Potassium	1130.	J	1160.	J				
METAL	Selenium	9.9	J	7.3	J				
METAL	Silver	0.6	U	0.6	U				
METAL	Sodium	1330000.	J	1540000.	J				
METAL	Thallium	5.5	UJ	5.5	UJ				
METAL	Vanadium	0.5	U	0.5	U				
METAL	Zinc	19.1	J	5.	J				
METAL	Cyanide	WR		NR					

	SAMPLE ID	HBL-T-0079-01		LCS-T-004L-01		LCS-T-031P-01		PBL-T-0011-01		PBL-T-0011-02		PBL-T-004L-01	
	ORIGINAL ID	HBLK95		PLCS94		PLCS69		PBLK03		PBLK67		PBLK34	
	LAB SAMPLE ID	670774		668722		666801		668688		669140		671118	
	ID FROM REPORT	HBLK95		PLCS94		PLCS69		PBLK03		PBLK67		PBLK34	
	SAMPLE DATE												
	DATE EXTRACTED	12/20/94		12/18/94		12/26/94		12/15/94		12/16/94		12/20/94	
	DATE ANALYZED	01/03/95		12/27/94				12/23/94		12/24/94		12/27/94	
	MATRIX	Soil		Water		Water		Soil		Soil		Water	
	UNITS	UG/KG		UG/L		UG/L		UG/KG		UG/KG		UG/L	
Method	Parameter	00079	VAL	0004L	VAL	0031P	VAL	00011	VAL	00011	VAL	0004L	VAL
PEST	alpha-BHC	NR		0.01	U	0.01	U	1.7	U	1.7	U	0.01	U
PEST	beta-BHC	NR		0.01	U	0.0014	J	1.7	U	1.7	U	0.01	U
PEST	delta-BHC	NR		0.01	U	0.01	U	1.7	U	1.7	U	0.01	U
PEST	gamma-BHC (Lindane)	NR		0.07	J	0.074		1.7	U	1.7	U	0.01	U
BEST	Heptachlor	NR		0.0008	J	0.0009	J	1.7	U	1.7	U	0.01	U
'EST	Aldrin	NR		0.01	U	0.01	U	1.7	U	1.7	U	0.01	U
'EST	Heptachlor epoxide	NR		0.074		0.077	J	1.7	U	?.7	U	0.01	U
'EST	Endosulfan I	NR		0.01	U	0.01	U	1.7	U	1.7	U	0.01	U
'EST	Dieldrin	NR		0.15		0.16	J	3.3	U	3.3	U	0.0006	J
'EST	4,4'-DDE	NR		0.14		0.15		3.3	U	3.3	U	0.02	U
'EST	Endrin	NR		0.16		0.15		3.3	U	3.3	U	0.02	U
'EST	Endosulfan II	NR		0.02	U	0.002	J	3.3	U	3.3	U	0.02	U
BEST	4,4'-DDD	NR		0.02	U	0.02	U	3.3	U	3.3	U	0.02	U
'EST	Endosulfan sulfate	NR		0.14		0.17		3.3	U	3.3	U	0.02	U
'EST	4,4'-DDT	NR		0.02	U	0.02	U	0.12	J	3.3	U	0.02	U
'EST	Methoxychlor	NR		0.1	U	0.1	U	17.	U	17.	U	0.1	U
'EST	Endrin ketone	NR		0.0046	J	0.013	J	3.3	U	3.3	U	0.02	U
'EST	Endrin aldehyde	NR		0.02	U	0.0092	J	3.3	U	3.3	U	0.0011	J
'EST	alpha-Chlordane	NR		0.01	U	0.01	U	1.7	U	1.7	U	0.01	U
'EST	gamma-Chlordane	NR		0.073		0.084	J	1.7	U	1.7	U	0.01	U
'EST	Toxaphene	NR		1.	U	1.	U	170.	U	170.	U	1.	U
'EST	Aroclor-1016	NR		0.2	U	0.2	U	33.	U	33.	U	0.2	U
'EST	Aroclor-1221	NR		0.4	U	0.4	U	67.	U	67.	U	0.4	U
'EST	Aroclor-1232	NR		0.2	U	0.2	U	33.	U	33.	U	0.2	U
'EST	Aroclor-1242	NR		0.2	U	0.2	U	33.	U	33.	U	0.2	U
'EST	Aroclor-1248	NR		0.2	U	0.2	U	33.	U	33.	U	0.2	U
'EST	Aroclor-1254	NR		0.2	U	0.2	U	33.	U	33.	U	0.2	U
'EST	Aroclor-1260	NR		0.2	U	0.2	U	33.	U	33.	U	0.2	U
'EST	2,4-D	100.	U	NR		NR		NR		NR		NR	
'EST	2,4,5-TP (Silvex)	3.3	J	NR		NR		NR		NR		NR	
'EST	2,4,5-T	20.	J	NR		NR		NR		NR		NR	

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

SAMPLE ID ——>		PBL-T-004L-02		PBL-T-004L-03		PBL-T-031P-01		PBL-T-031P-02		PIB-T-0011-03		PIB-T-0011-04	
ORIGINAL ID ——>		PBLK51		PBLK93		PBLK11		PBLK70		PIBLK1I		PIBLK1N	
LAB SAMPLE ID ——>		671627		669771		673510		673242		PIBLK 1I		PIBLK 1N	
ID FROM REPORT ——>		PBLK51		PBLK93		PBLK11		PBLK70		PIBLK1I		PIBLK1N	
SAMPLE DATE ——>													
DATE EXTRACTED ——>		12/22/94		12/18/94		12/27/94		12/26/94					
DATE ANALYZED ——>		12/27/94		12/27/94		12/30/94		12/30/94					
MATRIX ——>		Water		Water		Water		Water					
UNITS ——>		UG/L		UG/L		UG/L		UG/L					
Method	Parameter	0004L	VAL	0004L	VAL	0031P	VAL	0031P	VAL	00011	VAL	00011	VAL
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.0004	J	0.025	U	0.025	U
PEST	beta-BHC	0.01	U	0.01	U	0.01	U	0.0013	J	0.025	U	0.025	U
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.025	U
PEST	gamma-BHC (Lindane)	0.01	U	0.0006	J	0.01	U	0.01	U	0.025	U	0.025	U
PEST	Heptachlor	0.01	U	0.01	U	0.0026	J	0.0005	J	0.025	U	0.025	U
PEST	Aldrin	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.025	U
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.0005	J	0.0009	J	0.025	U	0.025	U
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.025	U
PEST	Dieldrin	0.02	U	0.02	U	0.001	J	0.0008	J	0.05	U	0.05	U
PEST	4,4'-DDE	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U	0.05	U
PEST	Endrin	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U	0.05	U
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U	0.0006	J	0.05	U	0.05	U
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U	0.05	U
PEST	Endosulfan sulfate	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U	0.05	U
PEST	4,4'-DDT	0.02	U	0.02	U	0.0015	J	0.02	U	0.05	U	0.0092	J
PEST	Methoxychlor	0.1	U	0.1	U	0.1	U	0.1	U	0.25	U	0.25	U
PEST	Endrin ketone	0.02	U	0.02	U	0.0005	J	0.02	U	0.05	U	0.05	U
PEST	Endrin aldehyde	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U	0.05	U
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.025	U
PEST	gamma-Chlordane	0.01	U	0.01	U	0.0007	J	0.0004	J	0.025	U	0.025	U
PEST	Toxaphene	1	U	1	U	1	U	1	U	25	U	2.5	U
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.5	U
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U	1	U	1	U
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.5	U
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.5	U
PEST	Aroclor-1248	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.5	U
PEST	Aroclor-1254	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.5	U
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.5	U
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		MU		NR		NR	

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID →	PIB-T-0011-05		PIB-T-0011-06		PIB-T-0011-07		PIB-T-0011-08		PIB-T-0011-09		PIB-T-004L-04	
	ORIGINAL ID →	PIBLKT8		PIBLKX5		PIBLKXN		PIBLKYG		PIBLKYH		PIBLK18	
	LAB SAMPLE ID →	PIBLK T8		PIBLK X5		PIBLK XN		PIBLK YG		PIBLK YH		PIBLK 18	
	ID FROM REPORT →	PIBLKT8		PIBLKX5		PIBLKXN		PIBLKYG		PIBLKYH		PIBLK18	
	SAMPLE DATE →												
	DATE EXTRACTED →												
	DATE ANALYZED →	12/16/94		12/23/94		12/23/94		12/24/94		12/24/94		12/28/94	
	MATRIX →	Water		Water		Water		Water		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	00011	VAL	00011	VAL	00011	VAL	00011	VAL	00011	VAL	0004L	VAL
PEST	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	beta-0°C	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	delta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	Heptachlor	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	Endosulfan I	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	Dieldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	4,4'-DDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	Endrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	Endosulfan II	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	4,4'-DDD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	4,4'-DDT	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	Methoxychlor	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.1	U
PEST	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	Endrin aldehyde	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U
PEST	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.01	U
PEST	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	1.	U
PEST	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U
PEST	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	0.4	U
PEST	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U
PEST	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U
PEST	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U
PEST	Amlor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U
PEST	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.2	U
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER *SAMPLES*

SAMPLE ID		PIB-T-004L-05		PIB-T-004L-06		PIB-T-004L-07		PIB-T-004L-08		PIB-T-004L-09		PIB-T-031P-03	
ORIGINAL ID		PIBLK29		PIBLK2B		PIBLKTU		PIBLKYM		PIBLKZL		PIBLK2P	
LAB SAMPLE ID		PIBLK 29		PIBLK 2B		PIBLK TU		PIBLK YM		PIBLK ZL		PIBLK 2P	
ID FROM REPORT		PIBLK29		PIBLK2B		PIBLKTU		PIBLKYM		PIBLKZL		PIBLK2P	
SAMPLE DATE													
DATE EXTRACTED						12/19/94							
DATE ANALYZED		12/28/94		12/28/94				12/27/94		12/27/94		12/29/94	
MATRIX		Water		Water		Water		Water		Water		Water	
UNITS		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0031P	VAL
PEST	alpha-BHC	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	beta-BHC	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	delta-BHC	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	gamma-BHC (Lindane)	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Heptachlor	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Aldrin	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Heptachlor epoxide	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Endosulfan I	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Dieldrin	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDE	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endrin	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endosulfan II	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDD	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endosulfan sulfate	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDT	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Methoxychlor	0.1	u	0.1	u	0.1	u	0.1	u	0.1	u	0.1	u
PEST	Endrin ketone	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endrin aldehyde	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	alpha-Chlordane	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	gamma-Chlordane	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST		1.	u	1.	u	1.	u	1.	u	1.	u	1.	u
PEST	Aroclor-1016	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1221	0.4	u	0.4	u	0.4	u	0.4	u	0.4	u	0.4	u
PEST	Aroclor-1232	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1242	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1248	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1254	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1260	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID →	PIB-T-031P-04		PIB-T-031P-05		TCL-T-031P-06		TCL-T-031P-07					
	ORIGINAL ID →	PIBLK2X		PIBLKSL		TCLPBLK21		TCLPBLK23					
	LAB SAMPLE ID →	PIBLK 2X		PIBLK SL		669773 R1		672179					
	ID FROM REPORT →	PIBLK2X		PIBLKSL		TCLPBLK21		TCLPBLK23					
	SAMPLE DATE →												
	DATE EXTRACTED →					12/26/94		12/27/94					
	DATE ANALYZED →	12/30/94		12/15/94		12/30/94		12/30/94					
	MATRIX →	Water		Water		Water		Water					
	UNITS →	UG/L				UG/L		UG/L					
Method	Parameter	0031P	VAL	0031P	VAL	0031P	VAL	0031P	VAL				
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.01	U				
PEST	beta-BHC	0.01	U	0.01	U	0.01	U	0.0028	J				
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U				
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U	0.0004	J	0.0005	J				
PEST	Heptachlor	0.01	U	0.01	U	0.0013	J	0.0012	J				
PEST	Aldrin	0.01	U	0.01	U	0.01	U	0.01	U				
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.0016	J	0.0009	J				
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U				
PEST	Dieldrin	0.02	U	0.02	U	0.0008	J	0.0008	J				
PEST	4,4'-DDE	0.02	U	0.02	U	0.02	U	0.0005	J				
PEST	Endrin	0.02	U	0.02	U	0.02	U	0.02	U				
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U	0.02	U				
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U				
PEST	Endosulfan sulfate	0.02	U	0.02	U	0.02	U	0.02	U				
PEST	4,4'-DDT	0.02	U	0.02	U	0.0015	J	0.0007	J				
PEST	Methoxychlor	0.1	U	0.1	U	0.1	U	0.1	U				
PEST	Endrin ketone	0.02	U	0.02	U	0.02	U	0.0004	J				
PEST	Endrin aldehyde	0.02	U	0.02	U	0.02	U	0.02	U				
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U				
PEST	gamma-Chlordane	0.01	U	0.01	U	0.01	U	0.0008	J				
PEST	Toxaphene	1.	U	1.	U	1.	U	1.	U				
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U				
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U				
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U				
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U				
PEST	Amlor-1248	0.2	U	0.2	U	0.2	U	0.2	U				
YST	Aroclor-1254	0.2	U	0.2	U	0.2	U	0.2	U				
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U				
PEST	2,4-D	NR		NR		NR		NR					
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR					
PEST	2,4,5-T	NR		NR		NR		NR					

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	LCS-T-0014-00		LCS-T-SLCS-71		SBL-T-0011-01		SBL-T-0011-02		SBL-T-004L-01		SBL-T-004L-02	
	ORIGINAL ID ——>	SLCS14		SLCS71		SBLK46		SBLK92		SBLK13		SBLK30	
	LAB SAMPLE ID ——>	668719		666797		668167		669208		669772		670800	
	ID FROM REPORT ——>	SLCS14		SLCS71		SBLK46		SBLK92		SBLK13		SBLK30	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	12/18/94		12/26/94		12/14/94		12/16/94		12/18/94		12/20/94	
	DATE ANALYZED ——>	12/20/94		12/31/94		12/19/94		12/19/94		12/20/94		12/22/94	
	MATRIX ——>	Water		Water		Soil		Soil		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/KG		UG/KG		UG/L		UG/L	
Method	Parameter	0004L	VAL	0029P	VAL	00011	VAL	00011	VAL	0004L	VAL	0004L	VAL
SVOA	Phenol	32.		27.		330.	U	330.	U	5.	U	5.	U
SVOA	bis(2-Chloroethyl)ether	17.		13.		330.	U	330.	U	5.	U	5.	U
SVOA	2-Chlorophenol	31.		27.		330.	U	330.	U	5.	U	5.	U
SVOA	1,3-Dichlorobenzene	NR		NR		330.	U	330.	U	NR		NR	
SVOA	1,4-Dichlorobenzene	NR		NR		330.	U	330.	U	NR		NR	
SVOA	1,2-Dichlorobenzene	NR		NR		330.	U	330.	U	NR		NR	
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	N-Nitroso-di-n-propylamine	16.		12.		330.	U	330.	U	5.	U	5.	U
SVOA	Hexachloroethane	13.		11.		330.	U	330.	U	5.	U	5.	U
SVOA	Nitrobenzene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Isophorone	19.		13.		330.	U	330.	U	5.	U	5.	U
SVOA	2-Nitrophenol	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2,4-Dimethylphenol	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2,4-Dichlorophenol	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	1,2,4-Trichlorobenzene	17.		14.		330.	U	330.	U	5.	U	5.	U
SVOA	Naphthalene	16.		14.		330.	U	330.	U	5.	U	5.	U
SVOA	4-Chloroaniline	37.		38.		330.	U	330.	U	5.	U	5.	U
SVOA	Hexachlorobutadiene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2-Methylnaphthalene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2,4,6-Trichlorophenol	29.		19.		330.	U	330.	U	5.	U	5.	U
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	2-Chloronaphthalene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2-Nitroaniline	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	Dimethylphthalate	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Acenaphthylene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2,6-Dinitrotoluene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	3-Nitroaniline	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	Acenaphthene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	2,4-Dinitrophenol	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	4-N[illegible]ophenol	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	D[illegible]furan	5.	U	5.	[illegible]	330.	U	330.	U	5.	U	[illegible]5.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	LCS-T-0014-00		LCS-T-SLCS-71		SBL-T-0011-01		SBL-T-0011-02		SBL-T-004L-01		SBL-T-004L-02	
	ORIGINAL ID ——>	SLCS14		SLCS71		SBLK46		SBLK92		SBLK13		SBLK30	
	LAB SAMPLE ID —>	668719		666797		668167		669208		669772		670800	
	ID FROM REPORT —>	SLCS14		SLCS71		SBLK46		SBLK92		SBLK13		SBLK30	
	SAMPLE DATE ——>												
	DATE EXTRACTED —>	12/18/94		12/26/94		12/14/94		12/16/94		12/18/94		12/20/94	
	DATE ANALYZED —>	12/8/94		12/31/94		12/19/94		12/19/94		12/20/94		12/22/94	
	MATRIX ————>	Water		Water		Soil		Soil		Mater		Water	
	UNITS ————>	UG/L		UG/L		UG/KG		UG/KG		UG/L		UG/L	
Method	Parameter	0004L	VAL	0029P	VAL	00011	VAL	00011	VAL	0004L	VAL	0004L	VAL
SVOA	2,4-Dinitrotoluene	14.		8.		330.	U	330.	U	5.	U	5.	U
SVOA	Diethylphthalate	21.		14.		330.	U	330.	U	5.	U	5.	U
SVOA	4-Chlorophenyl-pheny lether	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Fluorene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	4-Nitromiline	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	4,6-Dinitro-2-methylphenol	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	N-Nitrosodiphenylamine	18.		12.		330.	U	330.	U	5.	U	5.	U
SVOA	4-Bromophenyl-phenylether	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Hexachlorobenzene	16.		14.		330.	U	330.	U	5.	U	5.	U
SVOA	Pentachlorophenol	20.	U	20.	U	800.	U	800.	U	20.	U	20.	U
SVOA	Phenanthrene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Anthracene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Carbazole	NR		NR		330.	U	330.	U	NR		NR	
SVOA	Di-n-butylphthalate	4.	J	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Fluoranthene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Pyrene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Butylbenzylphthalate	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Benzo(a)anthracene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Chrysene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Di-n-octylphthalate	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Benzo(b)fluoranthene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Benzo(k)fluoranthene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Benzo(a)pyrene	19.		14.		330.	U	330.	U	5.	U	5.	U
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Dibenzo(a,h)anthracene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U
SVOA	Benzo(g,h i)perylene	5.	U	5.	U	330.	U	330.	U	5.	U	5.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	SBL-T-004L-03		SBL-T-029P-01		SBL-T-029P-02		TCL-T-029P-03		TCL-T-029P-04	
	ORIGINAL ID ——>	SBLK38		SBLK33		SBLK70		TCLPBLK22		TCLPBLK23	
	LAB SAMPLE ID ——>	670585		674294		673238		669774		672179	
	ID FROM REPORT ——>	SBLK38		SBLK33		SBLK70		TCLPBLK22		TCLPBLK23	
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>	12/22/94		01/04/95		12/26/94		12/26/94		12/27/94	
	DATE ANALYZED ——>	12/30/94		01/06/95		12/31/94		12/31/94		01/03/95	
	MATRIX ——>	Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0029P	VAL	0029P	VAL	0029P	VAL	0029P	VAL
SVOA	Phenol	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Chlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	1,3-Dichlorobenzene	NR		NR		NR		NR		NR	
SVOA	1,4-Dichlorobenzene	NR		NR		NR		NR		NR	
SVOA	1,2-Dichlorobenzene	NR		NR		NR		NR		NR	
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Hexachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Nitrobenzene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Isophorone	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4-Dimethylphenol	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4-Dichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Naphthalene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Methylnaphthalene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	2-Chloronaphthalene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Dimethylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Acenaphthylene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,6-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	3-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Acenaphthene	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4-Dinitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	4-Nitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Dibenzofuran	5.	U	5.	U	5.	U	5.	U	5.	U

	SAMPLE ID →	SBL-T-004L-03		SBL-T-029P-01		SBL-T-029P-02		TCL-T-029P-03		TCL-T-029P-04		
	ORIGINAL ID →	SBLK38		SBLK33		SBLK70		TCLPBLK22		TCLPBLK23		
	LAB SAMPLE ID →	670585		674294		673238		669774		672179		
	ID FROM REPORT →	SBLK38		SBLK33		SBLK70		TCLPBLK22		TCLPBLK23		
	SAMPLE DATE →											
	DATE EXTRACTED →	12/22/94		01/04/95		12/26/94		12/26/94		12/27/94		
	DATE ANALYZED →	12/30/94		01/06/95		12/31/94		12/31/94		01/03/95		
	MATRIX →	Water		Uater		Water		Uater		Mater		
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		
Method	Parameter	0004L	VAL	0029P	VAL	0029P	VAL	0029P	VAL	0029P	VAL	
SVOA	2,4-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Diethylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	4-Chlorophenyl-phenylether	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Fluorene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	4-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	
SVOA	4,6-Dinitro-2-methylphenol	20.	U	20.	U	20.	U	20.	U	20.	U	
SVOA	N-Nitrosodiphenylamine	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	4-Bromophenyl-phenyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Hexachlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Pentachlorophenol	20.	U	20.	U	20.	U	20.	U	20.	U	
SVOA	Phenanthrene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Anthracene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Carbazole	NR		NR		NR		NR		NR		
SVOA	Di-n-butylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Fluoranthene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Pyrene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Butylbenzylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Benzo(a)anthracene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Chrysene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Di-n-octylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Benzo(b)fluoranthene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Benzo(k)fluoranthene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Benzo(a)pyrene	5.	U	5.	U	5.	U	5.	U	5.	U	
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	5.	U	NU		NR		NR		
SVOA	Dibenzo(a,h)anthracene	5.	U	5.	U	NR		NR		NU		
SVOA	Benzo(g,h,i)perylene	5.	U	5.	U	NR		NR		NR		

PENSACOLA, SITE 09

PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	LCS-T-0000-00		LCS-T-0000-01		LCS-T-0276-00		VBL-T-0001-01		VBL-T-0001-02		VBL-T-0011-01	
	ORIGINAL ID ——>	VLCS282		VLCS223		VLCS276		VBLKKW		VBLKVJ		VBLKC3	
	LAB SAMPLE ID ——>	666793		665055		668716		VBLKKW		VBLKVJ		667635	
	ID FROM REPORT ——>	VLCS282		VLCS223		VLCS276		VBLKKW		VBLKVJ		VBLKC3	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	12/20/94		12/17/94		12/18/94		12/10/94		12/09/94		12/14/94	
	MATRIX ——>	Water		Yltor		Water		Water		Water		Soil	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L				UG/KG	
Method	Parameter	0027P	VAL	0035P	VAL	0004L	VAL	00001	VAL	00001	VAL	00011	VAL
VOA	Chloromethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VIM	Bromomethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	Vinyl chloride	4.		7.		4.		10.	u	10.	u	10.	u
VOA	Chloroethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	Methylene chloride	6.	u	1.	J	0.9	J	2.	J	2.	J	20.	J
VOA	Acetone	10.	u	5.	u	5.	u	10.	u	10.	u	10.	u
VOA	Carbon disulfide	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VIM	1,1-Dichloroethene	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	1,1-Dichloroethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	1,2-Dichloroethene (total)	NR		NR		NR		10.	u	10.	u	10.	u
VIM	Chloroform	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	1,2-Dichloroethane	7.		6.		6.		10.	u	10.	u	10.	u
VIM	2-Butanone (MEK)	5.	u	5.	u	5.	u	10.	u	10.	u	10.	u
VOA	1,1,1-Trichloroethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	Carbon tetrachloride	5.		6.		7.		10.	u	10.	u	10.	u
VV	Bromodichloromethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VIM	1,2-Dichloropropane	5.		6.		6.		10.	u	10.	u	10.	u
VOA	cis-1,3-Dichloropropene	5.		6.		6.		10.	u	10.	u	10.	u
VV	Trichloroethene	S.		6.		7.		10.	u	10.	u	10.	u
VOA	Dibromochloromethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	1,1,2-Trichloroethane	5.		5.		6.		10.	u	10.	u	10.	u
VOA	Benzene	5.		6.		7.		10.	u	10.	u	10.	u
VOA	trans-1,3-Dichloropropene	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	Bromoform	5.		7.		5.		10.	u	10.	u	10.	u
VOA	4-Methyl-2-Pentanone (MIBK)	5.	u	5.	u	5.	u	10.	u	10.	u	10.	u
VOA	2-Hexanone	5.	u	5.	u	5.	u	10.	u	10.	u	10.	u
VOA	Totrachloroethene	5.		6.		7.		10.	u	10.	u	10.	u
VOA	1,1,2,2-Tetrachloroethane	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	Toluene	1.	u	I.	u	1.	u	10.	u	10.	u	10.	u
VOA	Chlorobenzene	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	Ethylbenzene	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	Styrene	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VOA	m+p-Xylenes	1.	u	1.	u	1.	u	10.	u	10.	u	10.	u
VIM	cis-1,2-Dichloroethylene	1.	u	1.	u	1.	u	NR		NR		NR	
VOA	Ethene, 1,2-dichloro-, (E)-	1.	u	1.	u	1.	u	NR		NR		NR	
VOA	Ch[illegible]romomethane	1.	u	1.	u	1.	u	NR		NR		NR	

	SAMPLE ID ——>	LCS-T-0000-00		LCS-T-0000-01		LCS-T-0276-00		VBL-T-0001-01		VBL-T-0001-02		VBL-T-0011-01	
	ORIGINAL ID ——>	VLCS282		VLCS223		VLCS276		VBLKKW		VBLKVJ		VBLKC3	
	LAB SAMPLE ID ——>	666793		665055		668716		VBLKKW		VBLKVJ		667635	
	ID FROM REPORT ——>	VLCS282		VLCS223		VLCS276		VBLKKW		VBLKVJ		VBLKC3	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	12/20/94		12/17/94		12/18/94		12/10/94		12/09/94		12/14/94	
	MATRIX ——>	Mater		Water		Water		Water		Water		Soil	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/KG	
Method	Parameter	0027P	VAL	0035P	VAL	0004L	VAL	00001	VAL	00001	VAL	00011	VAL
VOA	Ethylene dibromide	5.		4.		7.		NR		NR		NR	
VOA	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	1,4-Dichlorobenzene	5.		6.		5.		NR		NR		NR	
VOA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	DBCP	1.	U	1.	U	1.	U	HR		NR		NR	

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	VBL-T-0011-02		VBL-T-0011-03		VBL-T-0011-04		VBL-T-004L-01		VBL-T-004L-02		VBL-T-004L-03	
	ORIGINAL ID ——>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	LAB SAMPLE ID ——>	666677		667632		668366		670261		VBLKJS		VBLKKG	
	ID FROM REPORT ——>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	SAMPLE DATE ——												
	DATE EXTRACTED —												
	DATE ANALYZED —	12/12/94		12/13/94		12/14/94		12/18/94		12/19/94		12/29/94	
	MATRIX ——	Soil		Soil		Soil		Water		Water		Water	
	UNITS ——	UG/KG		UG/KG		UG/KG		UG/L		UG/L		UG/L	
Method	Parameter	00011	VAL	00011	VAL	00011	VAL	0004L	VAL	0004L	VAL	0004L	VAL
VOA	Chloromethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Bromomethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Vinyl chloride	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Chloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Methylene chloride	6.	J	21.	J	18.	J	2.	U	0.8	J	2.	U
VOA	Acetone	10.	U	10.	U	10.	U	4.	J	5.	U	5.	U
VOA	Carbon disulfid.	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	NR		NR		NR	
VOA	Chloroform	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U	5.	U	5.	U	5.	U
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Carbon totrachloride	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Bromodichloromethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Trichloroethene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Dibromochloromethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Benzene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Bromoform	1.	J	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	5.	U	5.	U	5.	U
VOA	2-Hexanone	10.	U	10.	U	10.	U	5.	U	5.	U	5.	U
VOA	Tetrachloroethene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1,2,2-Tetrachloroethane	2.	J	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Toluene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Chlorobenzene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Ethylbenzene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Styrene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	m+p-Xylenes	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	cis-1,2-Dichloroethylene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	Ethene, 1,2-dichloro-, (E)-	NR		NR		NR		1.	U			1.	U
VOA	Cl[illegible]romomethane	NR		NR		NR		1.	U	1.	U		

	SAMPLE ID ——>	VBL-T-0011-02		VBL-T-0011-03		VBL-T-0011-04		VBL-T-004L-01		VBL-T-004L-02		VBL-T-004L-03	
	ORIGINAL ID ——>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	LAB SAMPLE ID —>	666677		667632		668366		670261		VBLKJS		VBLKKG	
	ID FROM REPORT —>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	SAMPLE DATE ——>												
	DATE EXTRACTED —>												
	DATE ANALYZED —>	12/12/94		12/13/94		12/14/94		12/18/94		12/19/94		12/29/94	
	MATRIX ——>	Soil		Soil		Soil		Water		Water		Water	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/L		UG/L		UG/L	
Method	Parameter	00011	VAL	00011	VAL	00011	VAL	0004L	VAL	0004L	VAL	0004L	VAL
VOA	Ethylene dibromide	NR		NR		NR		1.	U	1.	U	1.	U
VOA	1,3-Dichlorobenzene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	1,4-Dichlorobenzene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	1,2-Dichlorobenzene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	DBCP	NR		NR		NR		1.	U	1.	U	1.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID ——>	VBL-T-004L-04		VBL-T-004L-05		VBL-T-004L-06		VBL-T-004L-07		VBL-T-0051-01		VBL-T-0053-01	
	ORIGINAL ID ——>	VBLKH5		VBLKP9		VBLKVW		VBLKVX		VBLKH6		VBLKVS	
	LAB SAMPLE ID ——>	668062		669069		VBLKVW		VBLKVX		667647		VBLKVS	
	ID FROM REPORT ——>	VBLKH5		VBLKP9		VBLKVW		VBLKVX		VBLKH6		VBLKVS	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	12/18/94		12/18/94		12/21/94		12/21/94		12/16/94		12/15/94	
	MATRIX ——>	Water		Water		Water		Water		Soil		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/KG		UG/L	
Method	Parameter	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	00051	VAL	00053	VAL
VOA	Chloromethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Bromomethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Chloroethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Methylene chloride	2.	U	2.	U	1.	J	1.	J	22.	J	2.	J
VOA	Acetone	5.	U	5.	U	5.	U	5.	U	16.	J	10.	U
VOA	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	1,2-Dichloroethene (total)	NR		NR		NR		NR		10.	U	10.	U
VOA	Chloroform	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	5.	U	5.	U	5.	U	5.	U	10.	U	10.	U
VOA	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Carbon tetrachloride	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Trichloroethene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Benzene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Bromoform	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	10.	U	10.	U
VOA	2-Hexanone	5.	U	5.	U	5.	U	5.	U	10.	U	10.	U
VOA	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Toluene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	Styrene	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	m+p-Xylenes	1.	U	1.	U	1.	U	1.	U	10.	U	10.	U
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U	1.	U	1.	U	NR		NR	
VOA	Eth[illegible] 1,2-dichloro-, (E)-	1.	U	1.	U	1.	U	1.	U	NR		NR	
VOA	Ch[illegible]romomethane	1.	U	1.	U	1.	U	1.	U	NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID →	VBL-T-004L-04		VBL-T-004L-05		VBL-T-004L-06		VBL-T-004L-07		VBL-T-0051-01		VBL-T-0053-01	
	ORIGINAL ID →	VBLKM5		VBLKP9		VBLKVW		VBLKVX		VBLKH6		VBLKVS	
	LAB SAMPLE ID →	568062		569069		VBLKVW		VBLKVX		667647		VBLKVS	
	ID FROM REPORT →	VBLKM5		VBLKP9		VBLKVW		VBLKVX		VBLKH6		VBLKVS	
	SAMPLE DATE →												
	DATE EXTRACTED →												
	DATE ANALYZED →	12/18/94		12/18/94		12/21/94		12/21/94		12/16/94		12/15/94	
	MATRIX →	Water		Water		Water		Water		Soil		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/KG		UG/L	
Method	Parameter	D004L	VAL	D004L	VAL	D004L	VAL	D004L	VAL	D0051	VAL	D0053	VAL
VOA	Ethylene dibromide	1.	U	1.	U	1.	U	1.	U	NR		NR	
VOA	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	NR		NR	
VOA	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	NR		NR	
VOA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	NR		NR	
VOA	DBCP	1.	U	1.	U	1.	U	1.	U	NR		NR	

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

SAMPLE ID →		VBL-T-027P-01		VBL-T-027P-02		VBL-T-027P-03		VBL-T-035P-01		VBL-T-035P-02		VSB-T-004L-08	
ORIGINAL ID →		VBLKJS		VBLKVA		VBLKVZ		VBLKJP		VBLKJU		VSBLK552	
LAB SAMPLE ID →		VBLKJS		VBLKVA		VBLKVZ		VBLKJP		VBLKJU		668740	
ID FROM REPORT →		VBLKJS		VBLKVA		VBLKVZ		VBLKJP		VBLKJU		VSBLK552	
SAMPLE DATE →													
DATE EXTRACTED →													
DATE ANALYZED →		12/20/94		12/22/94		12/22/94		12/17/96		12/27/94		12/29/94	
MATRIX →		Water		Water		Water		Water		Water		Water	
UNITS →		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0027P	VAL	0027P	VAL	0027P	VAL	0035P	VAL	0035P	VAL	0004L	VAL
VOA	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Methylene chloride	2.	U	1.	J	1.	J	2.	U	2.	U	3.	
VOA	Acetone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	
VOA	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethene (total)	NR		MI		NR		NR		NR		NR	
VOA	Chloroform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	2-Butanone (MEK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Carbon tetrachloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloropropane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Trichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromoform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	2-Hexanone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Toluene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	m+p-Xylenes	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethene, 1,2-dichloro-, (E)-	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

SAMPLE ID →		VBL-T-027P-01		VBL-T-027P-02		VBL-T-027P-03		VBL-T-035P-01		VBL-T-035P-02		VSB-T-004L-08	
ORIGINAL ID →		VBLKJS		VBLKVA		VBLKVZ		VBLKJP		VBLKJU		VSBLK552	
LAB SAMPLE ID →		VBLKJS		VBLKVA		VBLKVZ		VBLKJP		VBLKJU		668740	
ID FROM REPORT →		VBLKJS		VBLKVA		VBLKVZ		VBLKJP		VBLKJU		VSBLK552	
SAMPLE DATE →													
DATE EXTRACTED →													
DATE ANALYZED →		12/20/94		12/22/94		12/22/94		12/17/94		12/27/94		12/29/94	
MATRIX →		Water		Uatcr		Uatcr		Water		Uatcr		Uatcr	
UNITS →		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parmtcr	0027P	VAL	0027P	VAL	0027P	VAL	0035P	VAL	0035P	VAL	0004L	VAL
VOA	Ethylene dibromide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	DBCP	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

	SAMPLE ID ——>	VSB-T-027P-04		VSB-T-035P-03		ZHE-T-027P-05					
	ORIGINAL ID ——>	VSBLK539		VSBLK541		ZHEBLK					
	LAB SAMPLE ID ——>	668029		667517		668892					
	ID FROM REPORT ——>	VSBLK539		VSBLK541		ZHEBLK					
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	12/23/94		12/27/94		12/20/94					
	MATRIX ——>	Water		Water		Water					
	UNITS ——>	UG/L		UG/L		UG/L					
Method	Parameter	0027P	VAL	0035P	VAL	0027P	VAL				
VOA	Chloromethane	1.	U	0.9	J	1.	U				
VOA	Bromomethane	1.	U	1.	U	1.	U				
VOA	Vinyl chlorids	1.	U	1.	U	1.	U				
VOA	Chloroethane	1.	U	1.	U	1.	U				
VOA	Methylene chlorids	1.	U	0.8	J	12.	J				
VOA	Acetone	5.	U	5.	U	5.	J				
VOA	Carbon disulfide	1.	U	1.	U	1.	U				
VOA	1,1-Dichloroethene	1.	U	1.	U	1.	U				
VOA	1,1-Dichloroethane	1.	U	1.	U	1.	U				
VOA	1,2-Dichloroethene (total)	NR		NR		NR					
VOA	Chloroform	1.	U	1.	U	18.	J				
VOA	1,2-Dichloroethane	1.	U	1.	U	1.	U				
VOA	2-Butanone (MEK)	5.	U	5.	U	5.	U				
VOA	1,1,1-Trichloroethane	1.	U	1.	U	1.	U				
VOA	Carbon tetrachloride	1.	U	1.	U	1.	U				
VOA	Bromodichloromethane	1.	U	1.	U	1.	U				
VOA	1,2-Dichloropropane	1.	U	1.	U	1.	U				
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U				
VOA	Trichloroethene	1.	U	1.	U	1.	U				
VOA	Dibromochloromethane	1.	U	1.	U	1.	U				
VOA	1,1,2-Trichloroethane	1.	U	1.	U	1.	U				
VOA	Benzene	1.	U	1.	U	1.	U				
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U				
VOA	Bromoform	1.	U	1.	U	1.	U				
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U				
VOA	2-Hexanone	5.	U	5.	U	5.	U				
VOA	Tetrachloroethene	1.	U	1.	U	1.	U				
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U				
VOA	Toluene	1.	U	1.	U	1.	U				
VOA	Chlorobenzene	1.	U	1.	U	1.	U				
VOA	Ethylbenzene	1.	U	1.	U	1.	U				
VOA	Styrene	1.	U	1.	U	1.	U				
VOA	m+p-Xylenes	1.	U	1.	U	1.	U				
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U	1.	U				
VOA	E[illegible], 1,2-dichloro-, (E)-	1.	U	1.	U	1.	U				
VOA	C[illegible]romomethane	1.	U	1.	[illegible]	1.	U				[illegible]

PENSACOLA, SITE 09
PENSACOLA, SITE 09, DECEMBER SAMPLES

	SAMPLE ID	VSB-T-027P-04		VSB-T-035P-03		ZHE-T-027P-05		
	ORIGINAL ID	VSBLK539		VSBLK541		ZHEBLK		
	LAB SAMPLE ID	668029		667517		668892		
	ID FROM REPORT	VSBLK539		VSBLK541		ZHEBLK		
	SAMPLE DATE							
	DATE EXTRACTED							
	DATE ANALYZED	12/23/94		12/27/94		12/20/94		
	MATRIX	Water		Water		Water		
	UNITS	UG/L		UG/L		UG/L		
Method	Parameter	0027P	VAL	0035P	VAL	0027P	VAL	
VOA	Ethylene dibromide	1.	U	1.	U	1.	U	
VOA	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	
VOA	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	
VOA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	
VOA	DBCP	1.	U	1.	U	1.	U	

Site 29

QA/QC/Blank Analytical Data

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID →		029-K-0005-01 MS		029-X-0005-01 MSD		029-K-0008-03 MSD		029-X-0008-03 MS		DEE-S-0001-01 MS		DEE-S-0001-01 MSD	
ORIGINAL ID →		29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101XMS		EES0101KMSD	
LAB SAMPLE ID →		1896.1MS		1896.1MSD		1794.9MSD		1794.9MS		2651.4MS		2651.4MSD	
ID FROM REPORT →		29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101XMS		EES0101KMSD	
SAMPLE DATE →		02/03/94		02/03/94		02/02/94		02/02/94					
DATE EXTRACTED →										02/16/94		02/16/94	
DATE ANALYZED →		02/07/94		02/07/94		02/08/94		02/08/94		03/02/94		03/02/94	
MATRIX →		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS →		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT504	VAL	CT504	VAL	CT503	VAL	CT503	VAL	CT512	VAL	CT512	VAL
PEST	4,4'-DDD	3.4	U	3.4	U	0.83	J	0.83	J	3.4	U	3.4	U
PEST	4,4'-DDE	0.7	J	0.73	J	3.4	U	3.4	U	1	J	0.98	J
PEST	4,4'-DDT	32.		33.		33.	J	33.		38.		37.	
PEST	Aldrin	15.		15.		17.		17.		16.		16.	
PEST	Aroclor-1016	34.	U	34.	U	34.	U	34.	U	34.	U	34.	U
PEST	Aroclor-1221	68.	U	68.	U	68.	U	69.	U	69.	U	69.	U
PEST	Aroclor-1232	34.	U	34.	U	34.	U	34.	U	34.	U	34.	U
PEST	Aroclor-1242	34.	U	34.	U	34.	U	34.	U	34.	U	34.	U
PEST	Aroclor-1248	34.	U	34.	U	34.	U	34.	U	34.	U	34.	U
PEST	Aroclor-1254	34.	U	34.	U	34.	U	34.	U	34.	U	34.	U
PEST	Aroclor-1260	34.	U	34.	U	34.	U	34.	U	34.	U	34.	U
PEST	Dieldrin	31.		33.		38.	J	37.		33.		33.	
PEST	Endosulfan I	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8	U
PEST	Endosulfan II	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U
PEST	Endosulfan sulfate	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U
PEST	Endrin	31.		32.		32.	J	32.		33.		34.	
PEST	Endrin aldehyde	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U
PEST	Endrin ketone	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U
PEST	Heptachlor	14.		14.		15.		15.		15.		15.	
PEST	Heptachlor epoxide	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.6	U
PEST	Methoxychlor	17.	U	17.	U	17.	U	18.	U	18.	U	16.	U
PEST	Toxaphene	170.	U	170.	U	170.	U	180.	U	180.	U	180.	U
PEST	alpha-BHC	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8	U
PEST	alpha-Chlordane	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8	U
PEST	beta-BHC	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8	U
PEST	delta-BHC	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8	U
PEST	gamma-BHC (Lindane)	15.		15.		15.		16.		16.		17.	
PEST	gamma-Chlordane	1.7	U	1.7	U	1.7	U	1.8	U	1.8	U	1.8	U
PEST	Endrin aldehyde	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 29

PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>		029-K-0005-01 MS		029-X-0005-01 MSD		029-K-0008-03 MSD		029-X-0008-03 MS		DEE-S-0001-01 MS		DEE-S-0001-01 MSD	
ORIGINAL ID ——>		29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101XMS		EES0101XMSD	
LAB SAMPLE ID ——>		1896.1MS		1896.1MSD		1794.9MSD		1794.9MS		2651.4MS		2651.4MSD	
ID FROM REPORT ——>		29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101XMS		EES0101XMSD	
SAMPLE DATE ——>		02/03/94		02/03/94		02/02/94		02/02/94					
DATE EXTRACTED ——>										02/16/94		02/16/94	
DATE ANALYZED ——>		02/09/94		02/09/94		02/10/94		02/10/94		02/28/94		02/28/94	
MATRIX ——>		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ——>		UG/KG		UG/KG		UG/KG		UG/KG		ug/Kg		ug/Kg	
Method	Parameter	CT504	VAL	CT504	VAL	CT503	VAL	CT503	VAL	CT512	VAL	CT512	VAL
SVOA	1,2,4-Trichlorobenzene	890.		860.		1000.		740.		1200.		1000.	
SVOA	1,2-Dichlorobenzene	330.	U	340.	U	340.	U	340.	U	340.	U	1000.	
SVOA	1,3-Dichlorobenzene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	1,4-Dichlorobenzene	850.		830.		1000.		740.		1100.		860.	
SVOA	2,4,5-Trichlorophenol	810.	U	820.	U	820.	U	820.	U	820.	U	820.	U
SVOA	2,4,6-Trichlorophenol	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	2,4-Dichlorophenol	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	2,4-Dimethylphenol	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	2,4-Dinitrophenol	810.	U	820.	U	820.	U	820.	U	820.	U	820.	U
SVOA	2,4-Dinitrotoluene	760.		830.		940.		810.		1400.		1200.	
SVOA	2,6-Dinitrotoluene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	2-Chloronaphthalene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	2-Chlorophenol	1700.		1800.		2000.		1400.		1600.		1400.	
SVOA	2-Methylnaphthalene	330.	U	340.	U	340.	U	340.	U	340.	U	740.	
SVOA	2-Methylphenol (o-Cresol)	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	2-Nitroaniline	810.	U	820.	U	820.	U	820.	U	820.	U	820.	U
SVOA	2-Nitrophenol	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	3,3'-Dichlorobenzidine	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	3-Nitroaniline	810.	U	820.	U	820.	U	820.	U	820.	U	820.	U
SVOA	4,6-Dinitro-2-methylphenol	810.	U	820.	U	820.	U	820.	U	820.	U	820.	U
SVOA	4-Bromophenyl-phenylether	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	4-Chloro-3-methylphenol	1700.		1900.		2200.		1800.		1800.		1600.	
SVOA	4-Chloroaniline	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	4-Chlorophenyl-phenylether	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	4-Methylphenol (p-Cresol)	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	4-Nitroaniline	810.	U	820.	U	820.	U	820.	U	820.	U	820.	U
SVOA	4-Nitrophenol	2000.		1700.		2400.		2000.		1600.		1400.	
SVOA	Acenaphthene	1300.		1200.		1400.		1100.		1200.		1100.	
SVOA	Acenaphthylene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Anthracene	120.	J	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Benzo(a)anthracene	200.	J	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Benzo(a)pyrene	120.	J	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Benzo(b)fluoranthene	260.	J	49.	J	340.	U	340.	U	340.	U	340.	U
SVOA	Benzo(g,h,i)perylene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Benzo(k)fluoranthene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	[illegible]nzylphthalate	330.	U	340.	[illegible]	340.	U	340.	U	340.	U	340.	U

*** Validation Complete ***

	SAMPLE ID ——>	029-K-0005-01 MS		029-X-0005-01 MSD		029-K-0008-03 MSD		029-X-0008-03 MS		DEE-S-0001-01 MS		DEE-S-0001-01 MSD	
	ORIGINAL ID ——>	29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101XMS		EES0101KMSD	
	LAB SAMPLE ID —>	1896.1MS		1896.1MSD		1794.9MSD		1794.9MS		2651.4MS		2651.4MSD	
	ID FROM REPORT —>	29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101XMS		EES0101KMSD	
	SAMPLE DATE ——>	02/03/04		02/03/94		02/02/94		02/02/94					
	DATE EXTRACTED —>									02/16/94		02/16/94	
	DATE ANALYZED —>	02/09/94		02/09/94		02/10/94		02/10/94		02/26/94		02/28/94	
	MATRIX ——>	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/KG		ug/Kg		ug/Kg	
Method	Parameter	CT504	VAL	CT504	VAL	CT503	VAL	CT503	VAL	CT512	VAL	CT512	VAL
SVOA	Carbazole	58.	J	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Chryrene	220.	J	40.	J	340.	U	340.	U	340.	U	340.	U
SVOA	Di-n-butylphthalate	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Di-n-octylphthalate	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Dibenzo(a,h)anthracene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Dibenzofuran	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Diethylphthalate	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Dimethylphthalate	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Fluoranthene	750.		100.	J	340.	U	340.	U	340.	U	340.	U
SVOA	Fluorene	48.	J	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Hexachlorobenzene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Hexachlorobutadiene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Hexachlorocyclopentadiene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Hexachloroethane	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Indeno(1,2,3-cd)pyrene	78.	J	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Isophorone	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	N-Nitroso-di-n-propylamine	840.		830.		1000.		700.		1200.		1000.	
SVOA	N-Nitrosodiphenylamine	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Naphthalene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Nitrobenzene	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	Pentachlorophenol	1100.		640.	J	1900.		1400.		1200.		1100.	
SVOA	Phenanthrene	490.		62.	J	340.	U	340.	U	340.	U	340.	U
SVOA	Phenol	1600.		1700.		2000.		1400.		1700.		1500.	
SVOA	Pyrene	1300.		1000.		1100.		980.		1400.		1200.	
SVOA	bis(2-Chloroethoxy)methane	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	bis(2-Chloroethyl)ether	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U
SVOA	2,2'-oxybis(1-Chloropropane)	330.	U	340.	U	340.	U	340.	U	340.	U	340.	U

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-K-0005-01 MS		029-X-0005-01 MSD		029-K-0008-03 MSD		029-X-0008-03 MS		OEE-S-0001-01 MS		OEE-S-0001-01 MSD	
	ORIGINAL ID	29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101MS		EES0101MSD	
	LAB SAMPLE ID									2651.4MS		2651.4MSD	
	ID FROM REPORT	29S0501MS		29S0501MSD		29S0803MSD		29S0803MS		EES0101MS		EES0101MSD	
	SAMPLE DATE	02/03/94		02/03/94		02/02/94		02/02/94		02/10/94		02/10/94	
	DATE EXTRACTED												
	DATE ANALYZED	02/09/94		02/09/94		02/07/94		02/07/94					
	MATRIX	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
Method	Parameter	CT504	VAL	CT504	VAL	CT503	VAL	CT503	VAL	CT512	VAL	CT512	VAL
VOA	1,1,1-Trichloroethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	310.		310.		130.		130.		59.		54.	
VOA	1,2-Dichloroethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	1,2-Dichloroethene (total)	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	2-Hexanone	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Acetone	59.		31.	J	320.	U	420.	U	26.	U	26.	U
VOA	Benzene	300.		300.		140.		140.		64.		64.	
VOA	Bromodichloromethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Bromoform	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Bromomethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	carbon disulfid.	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Carbon tetrachlorid.	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Chlorobenzene	290.		290.		130.		130.		57.		55.	
VOA	Chloroethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Chloroform	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Chloromethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Dibromochloromethane	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Ethylbenzene	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Methylene chloride	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Styrene	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Tetrachloroethene	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	Toluene	290.		290.		140.		130.		68.		72.	
VOA	Trichloroethene	260.		260.		130.		130.		58.		52.	
VOA	Vinyl chloride	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	m+p-Xylenes	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U
VOA	trans-1,3-Dichloropropene	51.	U	51.	U	26.	U	26.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>	029-G-0007OO MS	029-G-0007-OO				
ORIGINAL ID ——>	29GR07MS	29GR07MSD				
LAB SAMPLE ID ——>	39252-1MS	39252-1MSD				
ID FROM REPORT ——>	29GR07MS	29GR07MSD				
SAMPLE DATE ——>	02/08/94	02/08/94				
DATE EXTRACTED ——>						
DATE ANALYZED ——>	02/13/94	02/13/94				
MATRIX ——>	Water	Water				
UNITS ——>	UG/L	UG/L				

Method	Parameter	CT508	VAL	CT508	VAL				
PEST	4,4'-DDD	0.11	U	0.12	U				
PEST	4,4'-DDE	0.11	U	0.12	U				
PEST	4,4'-DDT	0.89		0.84					
PEST	Aldrin	0.36		0.45					
PEST	Aroclor-1016	1.1	U	1.2	U				
PEST	Aroclor-1221	2.2	U	2.4	U				
PEST	Aroclor-1232	1.1	U	1.2	U				
PEST	Aroclor-1242	1.1	U	1.2	U				
PEST	Aroclor-1248	1.1	U	1.2	U				
PEST	Aroclor-1254	1.1	U	1.2	U				
PEST	Aroclor-1260	1.1	U	1.2	U				
PEST	Dieldrin	0.9		1.1					
PEST	Endosulfan I	0.054	U	0.06	U				
PEST	Endosulfan II	0.11	U	0.12	U				
PEST	Endosulfan sulfate	0.11	U	0.12	U				
PEST	Endrin	0.92		1.2					
PEST	Endrin aldehyde	NR		NR					
PEST	Endrin ketone	0.11	U	0.12	U				
PEST	Heptachlor	0.41		0.53					
PEST	Heptachlor epoxide	0.054	U	0.06	U				
PEST	Methoxychlor	0.54	U	0.6	U				
PEST	Toxaphene	5.4	U	6.	U				
PEST	alpha-BHC	0.054	U	0.06	U				
PEST	alpha-Chlordane	0.054	U	0.06	U				
PEST	beta-BHC	0.054	U	0.06	U				
PEST	delta-BHC	0.054	U	0.06	U				
PEST	gamma-BHC (Lindane)	0.4	J	0.51	J				
PEST	gamma-Chlordane	0.054	U	0.06	U				
PEST	Endrin aldehyde	0.11	U	0.12	U				

*** Validation Complete ***

PBNSACOLA, SITE 29
PENSACOLA, SITB 29 - PHASE I DATA

	SAMPLE ID ——>	029-G-0007-00 MS		029-G-0007-00 MSD				
	ORIGINAL ID ——>	29GR07MS		29GR07MSD				
	LAB SAMPLE ID ——>	39252-1MS		39252-1MSD				
	ID FROM REPORT ——>	29GR07MS		29GR07MSD				
	SAMPLE DATE ——>	02/08/94		02/08/94				
	DATE EXTRACTED ——>							
	DATE ANALYZED ——>	02/10/94		02/10/94				
	MATRIX ——>	Water		Water				
	UNITS ——>	UG/L		UG/L				
Method	Parameter	CT508	VAL	CT508	VAL			
SVOA	1,2,4-Trichlorobenzene	41.		40.				
SVOA	1,2-Dichlorobenzene	11.	U	11.	U			
SVOA	1,3-Dichlorobenzene	11.	U	11.	U			
SVOA	1,4-Dichlorobenzene	35.		36.				
SVOA	2,4,5-Trichlorophenol	28.	U	27.	U			
SVOA	2,4,6-Trichlorophenol	11.	U	11.	U			
SVOA	2,4-Dichlorophenol	11.	U	11.	U			
SVOA	2,4-Dimethylphenol	11.	U	11.	U			
SVOA	2,4-Dinitrophenol	28.	U	27.	U			
SVOA	2,4-Dinitrotoluene	45.		47.				
SVOA	2,6-Dinitrotoluene	11.	U	11.	U			
SVOA	2-Chloronaphthalene	11.	U	11.	U			
SVOA	2-Chlorophenol	57.		59.				
SVOA	2-Methylnaphthalene	11.	U	11.	U			
SVOA	2-Methylphenol (o-Cresol)	11.	U	11.	U			
SVOA	2-Nitroaniline	28.	U	27.	U			
SVOA	2-Nitrophenol	11.	U	11.	U			
SVOA	3,3'-Dichlorobenzidine	11.	U	11.	U			
SVOA	3-Nitroaniline	28.	U	27.	U			
SVOA	4,6-Dinitro-2-methylphenol	28.	U	27.	U			
SVOA	4-Bromophenyl-phenylether	11.	U	11.	U			
SVOA	4-Chloro-3-methylphenol	66.		67.				
SVOA	4-Chloroaniline	11.	U	11.	U			
SVOA	4-Chlorophenyl-phenylether	11.	U	11.	U			
SVOA	4-Methylphenol (p-Cresol)	11.	U	11.	U			
SVOA	4-Nitroaniline	a.	U	27.	U			
SVOA	4-Nitrophenol	66.		67.				
SVOA	Acenaphthene	41.		43.				
SVOA	Acenaphthylene	11.	U	11.	U			
SVOA	Anthracene	11.	U	11.	U			
SVOA	Benzo(a)anthracene	11.	U	11.	U			
SVOA	Benzo(a)pyrene	11.	U	11.	U			
SVOA	Benzo(b)fluoranthene	11.	U	11.	U			
SVOA	Benzo(g,h,i)perylene	11.	U	11.	U			
SVOA	Benzo(k)fluoranthene	11.	U	11.	U			
SVOA	B[illegible]nzylphthalate	11.	U	11.	[illegible]			[illegible]

*** Validation Complete ***

	SAMPLE ID ——:	029-G-0007-00 MS		029-G-0007-00 MSD			
	ORIGINAL ID ——:	29GR07MS		29GR07MSD			
	LAB SAMPLE ID ——:	39252-11		39252-1MSD			
	ID FROM REPORT —:	29GR07MS		29GR07MSD			
	SAMPLE DATE ——:	02/08/94		02/08/94			
	DATE EXTRACTED —:						
	DATE ANALYZED ——:	02/10/94		02/10/94			
	MATRIX ————:	Water		Water			
	UNITS ————:	UG/L		UG/L			
Method	Parameter	CT508	VAL	CT508	VAL		
SVOA	Carbazole	11.	U	11.	U		
SVOA	Chrysene	11.	U	11.	U		
SVOA	Di-n-butylphthalate	11.	U	11.	U		
SVOA	Di-n-octylphthalate	11.	U	11.	U		
SVOA	Dibenzo(a,h)anthracene	11.	U	11.	U		
SVOA	Dibenzofuran	11.	U	11.	U		
SVOA	Diethylphthalate	11.	U	11.	U		
SVOA	Oiwthylphthalate	11.	U	11.	U		
SVOA	Fluoranthene	11.	U	11.	U		
SVOA	Fluorene	11.	U	11.	U		
SVOA	Hexachlorobenzene	11.	U	11.	U		
SVOA	Hexachlorobutadiene	11.	U	11.	U		
SVOA	Hexachlorocyclopentadiene	11.	U	11.	U		
SVOA	Hexachloroethane	11.	U	11.	U		
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	11.	U		
SVOA	Isophorone	11.	U	11.	U		
SVOA	n-nitroso-di-n-propylamine	43.		44.			
SVOA	N-Nitrosodiphenylamine	11.	U	11.	U		
SVOA	Naphthalene	11.	U	11.	U		
SVOA	Nitrobenzene	11.	U	11.	U		
SVOA	Pentachlorophenol	67.		70.			
SVOA	Phenanthrene	11.	U	11.	U		
SVOA	Phenol	54.		57.			
SVOA	Pyrene	37.		41.			
SVOA	bis(2-Chloroethoxy)methane	11.	U	11.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U		
SVOA	bis(2-Chloroethyl)ether	11.	U	11.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-G-0007-00 MS		029-G-0007-00 MSD					
	ORIGINAL ID ——>	29GR07MS		29GR07MSD					
	LAB SAMPLE ID ——>	39252-34MS		39252-34MSD					
	ID FROM REPORT ——>	29GR07MS		29GR07MSD					
	SAMPLE DATE ——>	02/08/94		02/08/94					
	DATE EXTRACTED ——>								
	DATE ANALYZED ——>	02/10/94		02/10/94					
	MATRIX ——>	Water		Water					
	UNITS ——>	UG/L		UG/L					
Method	Parameter	CT508	VAL	CT508	VAL				
VOA	1,1,1-Trichloroethane	10.	U	10.	U				
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U				
VOA	1,1,2-Trichloroethane	10.	U	10.	U				
VOA	1,1-Dichloroethane	10.	U	10.	U				
VOA	1,1-Dichloroethene	48.		49.					
VOA	1,2-Dichloroethane	10.	U	10.	U				
VOA	1,2-Dichloroethene (total)	10.	U	10.	U				
VOA	1,2-Dichloropropane	10.	U	10.	U				
VOA	2-Butanone (MEK)	10.	U	10.	U				
VOA	2-Hexanone	10.	U	10.	U				
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U				
VOA	Acetone	30.	U	29.	U				
VOA	Benzene	48.		49.					
VOA	Bromodichloromethane	10.	U	10.	U				
VOA	Bromoform	10.	U	10.	U				
VOA	Bromomethane	10.	U	10.	U				
VOA	Carbon disulfide	10.	U	10.	U				
VOA	Carbon tetrachloride	10.	U	10.	U				
VOA	Chlorobenzene	53.		53.					
VOA	Chloroethane	10.	U	10.	U				
VOA	Chloroform	10.	U	10.	U				
VOA	Chloromethane	10.	U	10.	U				
VOA	Dibromochloromethane	10.	U	10.	U				
VOA	Ethylbenzene	10.	U	10.	U				
VOA	Methylene chloride	10.	U	10.	U				
VOA	Styrene	10.	U	10.	U				
VOA	Tetrachloroethene	10.	U	10.	U				
VOA	Toluene	51.		52.					
VOA	Trichloroethene	52.		53.					
VOA	Vinyl chloride	10.	U	10.	U				
VOA	m+p-Xylenes	10.	U	10.	U				
VOA	cis-1,3-Dichloropropene	10.	U	10.	U				
VOA	trans-1,3-Dichloropropene	10.	U	10.	U				

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-P-0001-00		029-E-0002-00		029-E-GE01-00		029-E-SE01-00		029-E-SE03-00	
	ORIGINAL ID ——>	29GP01		29SE02		29GE01		29SE01		29SE03	
	LAB SAMPLE ID —>	X18040		X18945		39252-046		X18023		X19089	
	ID FROM REPORT —>	29GP01		29SE02		29GE01		29SE01		29SE03	
	SAMPLE DATE ——>	02/02/94		02/03/94		02/08/94		02/02/94		02/04/94	
	DATE EXTRACTED —>										
	DATE ANALYZED —>										
	MATRIX ———>	Water		water		Water		Water		Mater	
	UNITS ———>	UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter		VAL		VAL	00000	VAL		VAL		VAL
METAL	Aluminum	53.1	J	65.8	J	17.9	U	31.6	J	29.	U
METAL	Antimony	36.	UJ	36.	U	15.6	U	36.	U	36.	U
METAL	Arsenic	4.	U	4.	U	2.9	U	4.	U	4.	U
METAL	Barium	19.4	J	2.	U	2.4	U	2.	U	2.	U
METAL	Beryllium	3.	U	3.	U	0.4	U	3.	U	3.	U
METAL	Cadmium	5.	U	5.	U	2.1	UJ	5.	U	5.	U
METAL	Calcium	2390.	J	174.	J	48.9	J	34.	U	34.	U
METAL	Chromium	4.	U	4.2	J	2.3	U	4.	U	4.	U
METAL	Cobalt	6.	U	6.	U	3.2	U	6.	U	6.	U
METAL	Copper	6.	J	3.	U	2.6	U	3.	U	3.	U
METAL	Cyanide	10.	U	10.	U	1.	U	10.	U	10.	U
METAL	Iron	45.	J	29.	J	8.5	U	26.2	J	16.8	J
METAL	Lead	2.	U	2.	U	0.7	U	2.	U	2.	U
METAL	Magnesium	1270.	J	19.	U	22.	U	19.	U	19.	U
METAL	Manganese	5.6	J	5.6	J	1.	U	4.	U	4.	U
METAL	Mercury	0.2	U	0.2	U	0.1	U	0.2	U	0.2	U
METAL	Nickel	15.	U	15.	U	10.4	U	15.	U	15.	U
METAL	Potassium	891.	J	727.	J	649.	U	516.	J	469.	U
METAL	Selenium	5.	U	5.	U	1.7	U	5.	U	5.	U
METAL	Silver	6.	U	6.	U	3.6	U	6.	U	6.	U
METAL	Sodium	8460.	J	9.	U	28.5	J	9.	U	9.	U
METAL	Thallium	8.	U	8.	U	2.8	U	8.	U	8.	U
METAL	Vanadium	6.	U	6.	U	3.3	U	6.	U	6.	U
METAL	Zinc	112.	J	9.	U	2.9	J	9.	U	9.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>	029-P-0001-00		029-E-0002-00		029-E-GE01-00		029-E-SE01-00		029-E-SE03-00		
ORIGINAL ID ——>	29GP01		29SE02		29GE01		29SE01		29SE03		
LAB SAMPLE ID ——>	1804.0		1894.5		39252-45		1802.3		1908.9		
ID FROM REPORT ——>	29GP01		29SE02		29GE01		29SE01		29SE03		
SAMPLE DATE ——>	02/02/94		02/03/94		02/08/94		02/02/94		02/04/94		
DATE EXTRACTED ——>											
DATE ANALYZED ——>	02/08/94		02/08/94		02/13/94		02/08/94		02/08/94		
MATRIX ——>	Water		Water		Water		Water		Water		
UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		
Method	Parameter	CT503	VAL	CT503	VAL	CT508	VAL	CT503	VAL	CT504	VAL
PEST	4,4'-DDD	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	4,4'-DDE	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	4,4'-DDT	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	Aldrin	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	Aroclor-1016	1.1	U	1.1	U	1.2	U	1.	U	1.	UJ
PEST	Aroclor-1221	2.2	U	2.1	U	2.5	U	2.1	U	2.1	UJ
PEST	Aroclor-1232	1.1	U	1.1	U	1.2	U	1.	U	1.	W
PEST	Aroclor-1242	1.1	U	1.1	U	1.2	U	1.	U	1.	UJ
PEST	Aroclor-1248	1.1	U	1.1	U	1.2	U	1.	U	1.	UJ
PEST	Aroclor-1254	1.1	U	1.1	U	1.2	U	1.	U	1.	UJ
PEST	Aroclor-1260	1.1	U	1.1	U	1.2	U	1.	U	1.	UJ
PEST	Dieldrin	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	Endosulfan I	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	Endosulfan II	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	Endosulfan sulfate	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	Endrin	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	Endrin aldehyde	0.11	U	0.11	U	NR		0.1	U	0.1	UJ
PEST	Endrin ketone	0.11	U	0.11	U	0.12	U	0.1	U	0.1	UJ
PEST	Heptachlor	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	Heptachlor epoxide	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	Methoxychlor	0.56	U	0.53	U	0.58	U	0.52	U	0.52	UJ
PEST	Toxaphene	5.6	U	5.3	U	5.8	U	5.2	U	5.2	UJ
PEST	alpha-BHC	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	alpha-Chlordane	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	beta-BHC	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	delta-BHC	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	gamma-BHC (Lindane)	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	gamma-Chlordane	0.06	U	0.05	U	0.058	U	0.05	U	0.05	UJ
PEST	Endrin aldehyde	NR		NR		0.12	U	NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID ——>	029-P-0001-00		029-P-0001-00 RE		029-E-0002-00		029-E-GE01-00		029-E-SE01-00		029-E-SE03-00	
	ORIGINAL ID ——>	29GP01		29GP01RE		29SE02		29GE01		29SE01		29SE03	
	LAB SAMPLE ID —>	1804.0		1804.0RE		1894.5		39252-45		1802.3		1908.9	
	ID FROM REPORT —>	29GP01		29GP01RE		29SE02		29GE01		29SE01		29SE03	
	SAMPLE DATE ——>	02/02/94		02/02/94		02/03/94		02/08/94		02/02/94		02/04/94	
	DATE EXTRACTED —>												
	DATE ANALYZED —>	02/10/94		02/15/94		02/10/94		02/11/94		02/10/94		02/09/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT508	VAL	CT503	VAL	CT504	VAL
SVOA	1,2,4-Trichlorobenzene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	1,2-Dichlorobenzene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	1,3-Dichlorobenzene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	1,4-Dichlorobenzene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2,4,5-Trichlorophenol	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	2,4,6-Trichlorophenol	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2,4-Dichlorophenol	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2,4-Dimethylphenol	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2,4-Dinitrophenol	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	2,4-Dinitrotoluene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2,6-Dinitrotoluene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2-Chloronaphthalene	4.	J	3.	J	11.	U	12.	U	10.	U	11.	U
SVOA	2-Chlorophenol	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2-Methylnaphthalene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2-Methylphenol (o-Cresol)	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2-Nitroaniline	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	2-Nitrophenol	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	3,3'-Dichlorobenzidine	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	3-Nitroaniline	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	4,6-Dinitro-2-methylphenol	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	4-Bromophenyl-phenylether	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	4-Chloro-3-methylphenol	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	4-Chloroaniline	10.	U	11.	U	11.	U	12.	U	10.	U	11.	UJ
SVOA	4-Chlorophenyl-phenylether	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	4-Methylphenol (p-Cresol)	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	4-Nitroaniline	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	4-Nitrophenol	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	Acenaphthene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Acenaphthylene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Anthracene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Benzo(a)anthracene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Benzo(a)pyrene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Benzo(b)fluoranthene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Benzo(g,h,i)perylene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Benzo(k)fluoranthene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Butylbenzylphthalate	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U

*** Validation Complete ***

				029-P-0001-00 RE 29GP01RE 1804.0RE 29GP01RE 02/02/94 02/15/94 Water UG/L		029-E-0002-00 29SE02 1894.5 29SE02 02/03/94 02/10/94 Water UG/L		029-E-GE01-00 29GE01 39252-45 29GE01 02/08/94 02/11/94 Water UG/L		029-E-SE01-00 29SE01 1802.3 29SE01 02/02/94 02/10/94 Water UG/L		029-E-SE03-00 29SE03 1908.9 29SE03 02/04/94 02/09/94 Water UG/L	
Method	Parameter	CT503	VAL	CT503	VAL	CT503	VAL	CT508	VAL	CT503	VAL	C504	VAL
SVOA	Carbazole	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Chrysene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Di-n-butylphthalate	10.	U	11.	U	4.	J	12.	U	10.	U	4.	J
SVOA	Di-n-octylphthalate	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Dibenzo(a,h)anthracene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Dibenzofuran	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Diethylphthalate	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Dimethylphthalate	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Fluoranthene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Fluorene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Hexachlorobenzene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Hexachlorobutadiene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Hexachlorocyclopentadiene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Hexachloroethane	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Indeno(1,2,3-cd)pyrene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Isophorone	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	N-Nitroso-di-n-propylamine	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	N-Nitrosodiphenylamine	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Naphthalene	3.	J	2.	J	11.	U	12.	U	10.	U	11.	U
SVOA	Nitrobenzene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Pentachlorophenol	25.	U	27.	U	27.	U	31.	U	25.	U	27.	U
SVOA	Phenanthrene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Phenol	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	Pyrene	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	bis(2-Chloroethoxy)methane	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	11.	U	3.	J	12.	U	10.	U	3.	J
SVOA	bis(2-Chloroethyl)ether	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U
SVOA	2,2'-oxybis(1-Chloropropane)	10.	U	11.	U	11.	U	12.	U	10.	U	11.	U

PENSACOLA, SITE 29
PBNSACOLA, SITE 29 - PHASE I DATA

	SAMPLE ID	029-P-0001-00		029-E-0002-00		029-E-GE01-00		029-E-SE01-00		029-E-SE03-00		
	ORIGINAL ID	29GP01		29SE02		29GE01		29SE01		29SE03		
	LAB SAMPLE ID	B03823				39252-48						
	ID FROM REPORT	29GP01		29SE02		29GE01		29SE01		29SE03		
	SAMPLE DATE	02/02/94		02/03/94		02/08/94		02/02/94		02/04/94		
	DATE EXTRACTED											
	DATE ANALYZED	02/08/94		02/08/94		02/10/94		02/08/94		02/09/94		
	MATRIX	Water		Water		Water		Water		Water		
	UNITS	UG/L		UG/L		UG/L		UG/L		UG/L		
Method	Parameter	CT503	VAL	CT503	VAL	CT508	VAL	CT503	VAL	CT504	VAL	
VOA	1,1,1-Trichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	1,1,2,2-Tetrachloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	1,1,2-Trichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	1,1-Dichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	1,1-Dichloroethene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	1,2-Dichloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	1,2-Dichloroethene (total)	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	1,2-Dichloropropane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	2-Butanone (MEK)	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	2-Hexanone	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Acetone	4.	J	11.	U	10.	U	11.	U	10.	U	
VOA	Benzene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Bromodichloromethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Bromoform	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Bromomethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Carbon disulfide	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Carbon tetrachloride	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Chlorobenzene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Chloroethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Chloroform	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Chloromethane	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Dibromochloromethane	2.	J	11.	U	10.	U	11.	U	10.	U	
VOA	Ethylbenzene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Methylene chloride	10.	U	11.	U	10.	U	11.	U	2.	J	
VOA	Styrene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Tetrachloroethene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Toluene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Trichloroethene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	Vinyl chloride	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	m+p-Xylenes	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	cis-1,3-Dichloropropene	10.	U	11.	U	10.	U	11.	U	10.	U	
VOA	trans-1,3-Dichloropropene	10.	U	11.	U	10.	U	11.	U	10.	U	

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29 - PHASE I DATA

SAMPLE ID ——>		029-E-0002-CO		029-E-GE01-CO		029-E-SE01-CO		029-E-SE03-CO			
ORIGINAL ID ——>		29SE02		29GE01		29SE01		29SE03			
LAB SAMPLE ID ——>				39252-48							
ID FROM REPORT ——>		29SE02		29GE01		29SE01		29SE03			
SAMPLE DATE ——>		02/03/94		02/08/94		02/02/94		02/04/94			
DATE EXTRACTED ——>											
DATE ANALYZED ——>		02/08/94		02/10/94		02/08/94		02/09/94			
MATRIX ——>		Water		Water		Water		Water			
UNITS ——>		UG/L		UG/L		UG/L		UG/L			
Method	Parameter	CTS03	VAL	CTS08	VAL	CTS03	VAL	CTS04	VAL		
VOA	1,1,1-Trichloroethane	11.	U	10.	U	11.	U	10.	U		
VOA	1,1,2,2-Tetrachloroethane	11.	U	10.	U	11.	U	10.	U		
VOA	1,1,2-Trichloroethane	11.	U	10.	U	11.	U	10.	U		
VOA	1,1-Dichloroethane	11.	U	10.	U	11.	U	10.	U		
VOA	1,1-Dichloroethene	11.	U	10.	U	11.	U	10.	U		
VOA	1,2-Dichloroethane	11.	U	10.	U	11.	U	10.	U		
VOA	1,2-Dichloroethene (total)	11.	U	10.	U	11.	U	10.	U		
VOA	1,2-Dichloropropane	11.	U	10.	U	11.	U	10.	U		
VOA	2-Butanone (MEK)	11.	U	10.	U	11.	U	10.	U		
VOA	2-Hexanone	11.	U	10.	U	11.	U	10.	U		
VOA	4-Methyl-2-Pentanone (MIBK)	11.	U	10.	U	11.	U	10.	U		
VOA	Acetone	11.	U	10.	U	11.	U	10.	U		
VOA	Benzene	11.	U	10.	U	11.	U	10.	U		
VOA	Bromodichloromethane	11.	U	10.	U	11.	U	10.	U		
VOA	Bromoform	11.	U	10.	U	11.	U	10.	U		
VOA	Bromomethane	11.	U	10.	U	11.	U	10.	U		
VOA	Carbon disulfide	11.	U	10.	U	11.	U	10.	U		
VOA	Carbon tetrachloride	11.	U	10.	U	11.	U	10.	U		
VOA	Chlorobenzene	11.	U	10.	U	11.	U	10.	U		
VOA	Chloroethane	11.	U	10.	U	11.	U	10.	U		
VOA	Chloroform	11.	U	10.	U	11.	U	10.	U		
VOA	Chloromethane	11.	U	10.	U	11.	U	10.	U		
VOA	Dibromochloromethane	11.	U	10.	U	11.	U	10.	U		
VOA	Ethylbenzene	11.	U	10.	U	11.	U	10.	U		
VOA	Methylene chloride	11.	U	10.	U	11.	U	2.	J		
VOA	Styrene	11.	U	10.	U	11.	U	10.	U		
VOA	Tetrachloroethene	11.	U	10.	U	11.	U	10.	U		
VOA	Toluene	11.	U	10.	U	11.	U	10.	U		
VOA	Trichloroethene	11.	U	10.	U	11.	U	10.	U		
VOA	Vinyl chloride	11.	U	10.	U	11.	U	10.	U		
VOA	m+p-Xylenes	11.	U	10.	U	11.	U	10.	U		
VOA	cis-1,3-Dichloropropene	11.	U	10.	U	11	U	10.	U		
VOA	trans-1,3-Dichloropropene	11.	U	10.	U	11	U	10.	U		

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

	SAMPLE ID ——>	029-K-0010-03 MS		029-X-0010-03 MSD			
	ORIGINAL ID ——>	29S1003MS		29S1003MSD			
	LAB SAMPLE ID ——>	40379-3MS		40379-3MSD			
	ID FROM REPORT ——>	B52503MS		B52503MSD			
	SAMPLE DATE ——>						
	DATE EXTRACTED ——>	05/26/94		05/26/94			
	DATE ANALYZED ——>	05/28/94		05/28/94			
	MATRIX ——>	Soil		Soil			
	UNITS ——>	UG/KG		UG/KG			
Method	Parameter	CT525	VAL	CT525	VAL		
PEST	alpha-BHC	1.8	U	1.8	U		
PEST	beta-BHC	1.8	U	1.8	U		
PEST	delta-BHC	1.8	U	1.8	U		
PEST	gamma-BHC (Lindane)	13.		14.			
PEST	Heptachlor	12.		13.			
PEST	Aldrin	12.		13.			
PEST	Heptachlor epoxide	1.8	U	1.8	U		
PEST	Endosulfan I	1.8	U	1.8	U		
PEST	Dieldrin	297.		31.			
PEST	4,4'-DDE	3.5	U	3.5	U		
PEST	Endrin	26.		29.			
PEST	Endosulfan II	3.5	U	3.5	U		
PEST	4,4'-DDD	3.5	U	3.5	U		
PEST	Endosulfan sulfate	3.5	U	3.5	U		
PEST	44 '-DDT	26.		20.			
PEST	Methoxychlor	18.	U	18.	U		
PEST	Endrin ketone	3.5	U	3.5	U		
PEST	Endrin aldehyde	3.5	U	3.5	U		
PEST	alpha-Chlordane	1.8	U	1.8	U		
PEST	gamma-Chlordane	1.8	U	1.8	U		
PEST	Toxaphene	180.	U	180.	U		
PEST	Aroclor-1016	32.	U	35.	U		
PEST	Aroclor-1221	70.	U	71.	U		
PEST	Aroclor-1232	35.	U	35.	U		
PEST	Aroclor-1242	35.	U	35.	U		
PEST	Aroclor1248	35.	U	35.	U		
PEST	Aroclor-1254	35.	U	35.	U		
PEST	Aroclor-1260	35.	U	35.	U		

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASB 2

SAMPLE ID		029-K-0010-03 MS		029-X-0010-03 MSD			
ORIGINAL ID		29S1003MS		29S1003MSD			
LAB SAMPLE ID		40379-3MS		40379-3MSD			
ID FROM REPORT		B52503MS		B52503MSD			
SAMPLE DATE							
DATE EXTRACTED		05/27/94		05/27/94			
DATE ANALYZED		06/02/94		06/02/94			
MATRIX		Soil		Soil			
UNITS		UG/KG		UG/KG			
Method	Parameter	CT525	VAL	CT525	VAL		
SVOA	Phenol	1600.		1600.			
SVOA	bis(2-Chloroethyl)ether	340.	U	340.	U		
SVOA	2-Chlorophenol	1600.		1500.			
SVOA	1,3-Dichlorobenzene	340.	U	340.	U		
SVOA	1,4-Dichlorobenzene	780.		760.			
SVOA	1,2-Dichlorobenzene	340.	U	340.	U		
SVOA	2-Methylphenol (o-Cresol)	340.	U	340.	U		
SVOA	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U		
SVOA	4-Methylphenol (p-Cresol)	340.	U	340.	U		
SVOA	N-Nitroso-di-n-propylamine	1000.		990.			
SVOA	Hexachloroethane	340.	U	340.	U		
SVOA	Nitrobenzene	340.	U	340.	U		
SVOA	Isophorone	340.	U	340.	U		
SVOA	2-Nitrophenol	340.	U	340.	U		
SVOA	2,4-Dimethylphenol	340.	U	340.	U		
SVOA	bis(2-Chloroethoxy)methane	340.	U	340.	U		
SVOA	2,4-Dichlorophenol	340.	U	340.	U		
SVOA	1,2,4-Trichlorobenzene	930.		920.			
SVOA	Naphthalene	340.	U	340.	U		
SVOA	4-Chloroaniline	340.	U	340.	U		
SVOA	Hexachlorobutadiene	340.	U	340.	U		
SVOA	4-Chloro-3-methylphenol	1600.		1700.			
SVOA	2-Methylnaphthalene	340.	U	340.	U		
SVOA	Hexachlorocyclopentadiene	340.	U	340.	U		
SVOA	2,4,6-Trichlorophenol	340.	U	340.	U		
SVOA	2,4,5-Trichlorophenol	830.	U	830.	U		
SVOA	2-Chloronaphthalene	340.	U	340.	U		
SVOA	2-Nitroanilim	830.	U	830.	U		
SVOA	Dimethylphthalate	340.	U	340.	U		
SVOA	Acenaphthylene	340.	U	340.	U		
SVOA	2,6-Dinitrotoluene	340.	U	340.	U		
SVOA	3-Mitroaniline	830.	U	830.	U		
SVOA	Acenaphthene	1100.		1100.			
SVOA	2,4-Dinitrophenol	830.	U	830.	U		
SVOA	4-Nitrophenol	1700.		1800.			
SVOA	D[illegible]nfuran	340.	U	340.			

+++ Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

	SAMPLE ID ——>	029-K-0010-03 MS		029-X-0010-03 MSD			
	ORIGINAL ID ——>	29S1003MS		29S1003MSD			
	LAB SAMPLE ID ——>	40379-3MS		40379-3MSD			
	ID FROM REPORT —>	B52503MS		B52503MSD			
	SAMPLE DATE ——>						
	DATE EXTRACTED —>	05/27/94		05/27/94			
	DATE ANALYZED ——>	06/02/94		06/02/94			
	MATRIX ————>	Soil		Soil			
	UNITS ————>	UG/KG		UG/KG			
Method	Parameter	CT525	VAL	CT525	VAL		
SVOA	2,4-Dinitrotoluene	1100.		1100.			
SVOA	Diethylphthalate	340.	U	340.	U		
SVOA	4-Chlorophenyl-phenylether	340.	U	340.	U		
SVOA	Fluorene	340.	U	340.	U		
SVOA	4-Nitroaniline	830.	U	830.	U		
SVOA	4,6-Dinitro-2-methylphenol	830.	U	830.	U		
SVOA	N-Nitrosodiphenylamine	340.	U	340.	U		
SVOA	4-Bromophenyl-phenylether	340.	U	340.	U		
SVOA	Hexachlorobenzene	340.	U	340.	U		
SVOA	Pentachlorophenol	1300.		1300.			
SVOA	Phenanthrene	340.	U	340.	U		
SVOA	Anthracene	340.	U	340.	U		
SVOA	Carbazole	340.	U	340.	U		
SVOA	Di-n-butylphthalate	340.	U	340.	U		
SVOA	Fluoranthene	340.	U	340.	U		
SVOA	Pyrene	1400.		1500.			
SVOA	Butylbenzylphthalate	340.	U	340.	U		
SVOA	3,3'-Dichlorobenzidine	340.	U	340.	U		
SVOA	Benzo(a)anthracene	340.	U	340.	U		
SVOA	Chrysene	340.	U	340.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	340.	U		
SVOA	Di-n-octylphthalate	340.	U	340.	U		
SVOA	Benzo(b)fluoranthene	340.	U	340.	U		
SVOA	Benzo(k)fluoranthene	340.	U	340.	U		
SVOA	Benzo(a)pyrene	340.	U	340.	U		
SVOA	Indeno(1,2,3-cd)pyrene	340.	U	340.	U		
SVOA	Dibenzo(a,h)anthracene	340.	U	340.	U		
SVOA	Benzo(g,h,i)perylene	340.	U	340.	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

SAMPLE ID →		BLK-W-PBLK-16		BLK-W-PIBK-R1		BLK-W-PIBK-R2		BLK-W-PIBK-RG		BLK-W-PIBK-RH		BLK-W-PIBK-RI	
ORIGINAL ID →		PBLK16		PIBLKR1		PIBLKR2		PIBLKRG		PIBLKRH		PIBLKRI	
LAB SAMPLE ID →		BP3932A		PIBLKR1		PIBLKR2		PIBLKRG		PIBLKRH		PIBLKRI	
ID FROM REPORT →		PBLK16		PIBLKR1		PIBLKR2		PIBLKRG		PIBLKRH		PIBLKRI	
DAVE →													
DATE EXTRACTED →		05/26/94											
DATE ANALYZED →		05/28/94		05/19/94		05/21/94		05/28/94		05/28/94		05/29/94	
MATRIX →		Soil		Water		Water		Water		Water		Water	
UNITS →		UG/KG		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL
PEST	alpha-BHC	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	beta-BHC	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	delta-BHC	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	gamma-BHC (Lindane)	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Heptachlor	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Aldrin	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Heptachlor epoxide	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endosulfan I	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Dieldrin	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	4,4'-DDE	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endosulfan II	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	4,4'-DDD	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endosulfan sulfate	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	4,4'-DDT	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Methoxychlor	17.	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Mrin ketone	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin aldehyde	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BEST	alpha-Chlordane	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BEST	gamma-Chlordane	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Toxaphene	170.	U	5.	U	5.	U	5.	U	5.	U	5.	U
'EST	Aroclor-1016	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
'EST	Aroclor-1221	67.	U	2.	U	2.	U	2.	U	2.	U	2.	U
'EST	Aroclor-1232	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
'EST	Aroclor-1242	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
'EST	Aroclor-1248	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
'EST	Aroclor-1254	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
'EST	Aroclor-1260	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

SAMPLE ID ——>		BLK-W-PIBK-RJ		BLK-W-PIBK-RK		BLK-W-PIBK-RL		LCS-R-0006-00 MS		LCS-R-0006-00 MSD		LCS-T-019L-01	
ORIGINAL ID ——>		PIBLKRJ		PIBLKRK		PIBLKRL		LCSR06MS		LCSR06MSD		PLCS35	
LAB SAMPLE ID ——>		PIBLKRJ		PIBLKRK		PIBLKRL		LSP3932		LOP3932		669107	
ID FROM REPORT ——>		PIBLKRJ		PIBLKRK		PIBLKRL		LCSR06MS		LCSR06MSD		PLCS35	
SAMPLE DATE ——>													
DATE EXTRACTED ——>								05/26/94		05/26/94		12/20/94	
DATE ANALYZED ——>		05/29/94		05/30/94		05/30/94		05/28/94		05/28/94		12/27/94	
MATRIX ——>		Water		Water		Water		Soil		Soil		Water	
UNITS ——>		UG/L		UG/L		UG/L		UG/KG		UG/KG		UG/L	
Method	Parameter	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	CT525	VAL	D019L	NV
PEST	alpha-BHC	0.05	U	0.05	U	0.05	U	1.7	U	NR		0.01	U
PEST	beta-BHC	0.05	U	0.05	U	0.05	U	1.7	U	NR		0.01	U
PEST	delta-BHC	0.05	U	0.05	U	0.05	U	1.7	U	NR		0.01	U
PEST	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	15.		NR		0.05	J
PEST	Heptachlor	0.05	U	0.05	U	0.05	U	14.		NR		0.0007	J
PEST	Aldrin	0.05	U	0.05	U	0.05	U	14.		NR		0.01	U
PEST	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	1.7	U	NR		0.058	
PEST	Endosulfan I	0.05	U	0.05	U	0.05	U	1.7	U	NR		0.01	U
PEST	Dieldrin	0.1	U	0.1	U	0.1	U	32.	J	NR		0.12	
PEST	4,4'-DDE	0.1	U	0.1	U	0.1	U	3.3	U	NR		0.11	
PEST	Endrin	0.1	U	0.1	U	0.1	U	35.		NR		0.13	
PEST	Endosulfan If	0.1	U	0.1	U	0.1	U	3.3	U	NR		0.0006	J
PEST	4,4'-DDD	0.1	U	0.1	U	0.1	U	3.3	U	NR		0.02	U
PEST'	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	3.3	U	NR		0.12	
PEST	4,4'-DDT	0.1	U	0.1	U	0.1	U	31.		NR		0.02	U
PEST	Methoxychlor	0.5	U	0.5	U	0.5	U	17.	U	NR		0.0023	J
PEST	Endrin ketone	0.1	U	0.1	U	0.1	U	3.3	U	NR		0.0032	J
PEST	Endrin aldehyde	0.1	U	0.1	U	0.1	U	3.3	U	NR		0.0014	J
PEST	alpha-Chlordane	0.05	U	0.05	U	0.05	U	1.7	U	NR		0.01	U
PEST	gamma-Chlordane	0.05	U	0.05	U	0.05	U	1.7	U	NR		0.056	
'EST	Toxaphene	5.	U	5.	U	5.	U	170.	U	NR		1.	U
'EST	Aroclor-1016	1.	U	1.	U	1.	U	33.	U	NR		0.2	U
'EST	Aroclor-1221	2.	U	2.	U	2.	U	67.	U	NR		0.4	U
'EST	Aroclor-1232	1.	U	1.	U	1.	U	33.	U	NR		0.2	U
'EST	Aroclor-1242	1.	U	1.	U	1.	U	33.	U	NR		0.2	U
'EST	Aroclor-1248	1.	U	1.	U	1.	U	33.	U	NR		0.2	U
'EST	Aroclor-1254	1.	U	1.	U	1.	U	160.		NR		0.2	U
'EST	Aroclor-1260	1.	U	1.	U	1.	U	33.	U	NR		0.2	U

PENSACOLA, SITE 62
PENSACOLA, SITE 62, CAT 5, PHASE 2

	SAMPLE ID ——>	LCS-T-019L-02 RE		PBL-T-019L-01		PBL-T-019L-02		PBL-T-019L-03		PBL-T-019L-04		PIB-T-019L-05	
	ORIGINAL ID ——>	PLCS35RE		PBLK18		PBLK36		PBLK45		PBLK52		PIBLK2P	
	LAB SAMPLE ID ——>	669107 R1RE		678187		671119		678963		671626		PIBLK 2P	
	ID FROM REPORT ——>	PLCS35RE		PBLK18		PBLK36		PBLK45		PBLK52		PIBLK2P	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	01/19/95		01/19/95		12/20/94		01/24/95		12/22/94			
	DATE ANALYZED ——>	01/24/95		01/24/95		12/27/94		01/27/95		12/30/94		12/29/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0019L	NV	0019L	NV	0019L	NV	0019L	NV	0019L	NV	0019L	NV
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	beta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.002	J	0.01	U
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-BHC (Lindane)	0.073		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor	0.0009	J	0.01	U	0.0005	J	0.01	U	0.01	U	0.01	U
PEST	Aldrin	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor epoxide	0.076	J	0.0006	J	0.01	U	0.01	U	0.0008	J	0.01	U
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Dieldrin	0.15		0.02	U	0.02	U	0.02	U	0.0013	J	0.02	U
PEST	4,4'-DDE	0.14		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endrin	0.15		0.02	U	0.02	U	0.0028	J	0.02	U	0.02	U
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U	0.0013	J	0.0024	J	0.02	U
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan sulfate	0.14		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDT	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Methoxychlor	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin ketone	0.0049	J	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endrin aldehyde	0.02	U	0.02	U	0.0014	J	0.02	U	0.0022	J	0.02	U
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-Chlordane	0.073		0.01	U	0.01	U	0.01	U	0.001	J	0.01	U
PEST	Toxaphene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1248	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1254	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

	SAMPLE ID ——>	PIB-T-019L-06		PIB-T-019L-07		PIB-T-019L-08		PIB-T-019L-09		PIB-T-019L-10		PIB-T-019L-11	
	ORIGINAL ID ——>	PIBLK2X		PIBLK7R		PIBLK8T		PIBLK8V		PIBLK9R		PIBLK9V	
	LAB SAMPLE ID ——>	PIBLK 2X		PIBLK 7R		PIBLK 8T		PIBLK 8V		PIBLK 9R		PIBLK 9V	
	ID FROM REPORT ——>	PIBLK2X		PIBLK7R		PIBLK8T		PIBLK8V		PIBLK9R		PIBLK9V	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	12/30/94		01/20/95		01/24/95		01/24/95		01/27/95		01/27/95	
	MATRIX ——>	Water		Water		Water		Miter		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0019L	NV	0019L	NV	0019L	NV	0019L	NV	0019L	NV	0019L	NV
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	beta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Aldrin	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Dieldrin	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDE	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endrin	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan sulfate	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDT	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Methoxychlor	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin ketone	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endrin aldehyde	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Toxaphene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1248	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1254	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

SAMPLE ID ——>		PIB-T-019L-12		PIB-T-019L-13		PIB-T-019L-14		PIB-T-019L-15			
ORIGINAL ID ——>		PIBLKSL		PIBLKTU		PIBLKYM		PIBLKZL			
LAB SAMPLE ID ——>		PIBLK SL		PIBLK TU		PIBLK YM		PIBLK ZL			
ID FROM REPORT ——>		PIBLKSL		PIBLKTU		PIBLKYM		PIBLKZL			
SAMPLE DATE ——>											
DATE EXTRACTED ——>											
DATE ANALYZED ——>		12/15/94		12/19/94		12/27/94		12/27/94			
MATRIX ——>		Water		Water		Water		Water			
UNITS ——>		UG/L		UG/L		UG/L		UG/L			
Method	Parameter	0019L	NV	0019L	NV	0019L	NV	0019L	NV		
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	beta-BHC	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	Heptachlor	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	Aldrin	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	Dieldrin	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	4,4'-DDE	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	Endrin	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	Endosulfan sulfate	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	4,4'-DDT	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	Methoxychlor	0.1	U	0.1	U	0.1	U	0.1	U		
PEST	Endrin ketone	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	Endrin aldehyde	0.02	U	0.02	U	0.02	U	0.02	U		
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	gamma-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U		
PEST	Toxaphene	1.	U	1.	U	1.	U	1.	U		
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U		
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U		
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U		
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U		
PEST	Aroclor-1248	0.2	U	0.2	U	0.2	U	0.2	U		
PEST	Aroclor-1254	0.2	U	0.2	U	0.2	U	0.2	U		
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U		

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

SAMPLE ID ——>	BLK-W-SBLK-FN					
ORIGINAL ID ——>	SBLKFN					
LAB SAMPLE ID —>	BA19798					
ID FROM REPORT —>	SBLKFN					
SAMPLE DATE ——>						
DATE EXTRACTED —>	05/27/94					
DATE ANALYZED —>	06/01/94					
MATRIX ——>	Soil					
UNITS ——>	UG/KG					
Method / Parameter	CT525	VAL				
SVOA Phenol	330.	U				
SVOA bis(2-Chloroethyl)ether	330.	U				
SVOA 2-Chlorophenol	330.	U				
SVOA 1,3-Dichlorobenzene	330.	U				
SVOA 1,4-Dichlorobenzene	330.	U				
SVOA 1,2-Dichlorobenzene	330.	U				
SVOA 2-Methylphenol (o-Cresol)	330.	U				
SVOA 2,2'-oxybis(1-Chloropropane)	330.	U				
SVOA 4-Methylphenol (p-Cresol)	330.	U				
SVOA N-Nitroso-di-n-propylamine	330.	U				
SVOA Hexachloroethane	330.	U				
SVOA Nitrobenzene	330.	U				
SVOA Isophorone	330.	U				
SVOA 2-Nitrophenol	330.	U				
SVOA 2,4-Dimethylphenol	330.	U				
SVOA bis(2-Chloroethoxy)methane	330.	U				
SVOA 2,4-Dichlorophenol	330.	U				
SVOA 1,2,4-Trichlorobenzene	330.	U				
SVOA Naphthalene	330.	U				
SVOA 4-Chloroaniline	330.	U				
SVOA Hexachlorobutadiene	330.	U				
SVOA 4-Chloro-3-methylphenol	330.	U				
SVOA 2-Methylnaphthalene	330.	U				
SVOA Hexachlorocyclopentadiene	330.	U				
SVOA 2,4,6-Trichlorophenol	330.	U				
SVOA 2,4,5-Trichlorophenol	800.	U				
SVOA 2-Chloronaphthalene	330.	U				
SVOA 2-Nitroaniline	800.	U				
SVOA Dimethylphthalate	330.	U				
SVOA Acenaphthylene	330.	U				
SVOA 2,6-Dinitrotoluene	330.	U				
SVOA 3-Nitroaniline	800.	U				
SVOA Acenaphthene	330.	U				
SVOA 2,4-Dinitrophenol	800.	U				
SVOA 4-Nitrophenol	800.	U				
SVOA Dibenzofuran	330.	U				

*** Validation Complete ***

PENSACOLA, SITE 29
PENSACOLA, SITE 29, CAT 5, PHASE 2

SAMPLE ID ——>	BLK-W-SBLK-FN
ORIGINAL ID ——>	SBLKFN
LAB SAMPLE ID ——>	BA19798
ID FROM REPORT ——>	SBLKFN
SAMPLE DATE ——>	
DATE EXTRACTED ——>	05/27/94
DATE ANALYZED ——>	06/01/94
MATRIX ——>	Soil
UNITS ——>	UG/KG

Method	Parameter	CT525	VAL
SVOA	2,4-Dinitrotoluene	330.	U
SVOA	Diethylphthalate	330.	U
SVOA	4-Chlorophenyl-phenylether	330.	U
SVOA	Fluorene	330.	U
SVOA	4-Nitroaniline	800.	U
SVOA	4,6-Dinitro-2-methylphenol	800.	U
SVOA	N-Nitrosodiphenylamine	330.	U
SVOA	4-Bromophenyl-phenylether	330.	U
SVOA	Hexachlorobenzene	330.	U
SVOA	Pentachlorophenol	800.	U
SVOA	Phenanthrene	330.	U
SVOA	Anthracene	330.	U
SVOA	Carbazole	330.	U
SVOA	Di-n-butylphthalate	330.	U
SVOA	Fluoranthene	330.	U
SVOA	Pyrene	330.	U
SVOA	Butylbenzylphthalate	330.	U
SVOA	3,3'-Dichlorobenzidine	330.	U
SVOA	Benzo(a)anthracene	330.	U
SVOA	Chrysene	330.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U
SVOA	Di-n-octylphthalate	330.	U
SVOA	Benzo(b)fluoranthene	330.	U
SVOA	Benzo(k)fluoranthene	330.	U
SVOA	Benzo(a)pyrene	330.	U
SVOA	Indeno(1,2,3-cd)pyrene	330.	U
SVOA	Dibenzo(a,h)anthracene	330.	U
SVOA	Benzo(g,h,i)perylene	330.	U

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST																	
	SAMPLE ID ------->	PBL-T-0006-01		PBL-T-0006-02		PBL-T-0006-03		PBL-T-0006-04		PBL-T-0008-01		PIB-T-0006-05	
	ORIGINAL ID ----->	PBLK08		PBLK42		PBLK59		PBLK60		PBLK91		PIBLK2H	
	LAB SAMPLE ID --->	719525		715258		722844		722844 R1		731616		PIBLK 2H	
	ID FROM REPORT -->	PBLK08		PBLK42		PBLK59		PBLK60		PBLK91		PIBLK2H	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	06/10/95		05/15/95		05/30/95		05/30/95		06/15/95			
	DATE ANALYZED --->	06/19/95		05/26/95		06/16/95		06/20/95		06/17/95		05/13/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/L	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00008	VAL	00006	VAL
1024-57-3	Heptachlor epoxide	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
1031-07-8	Endosulfan sulfate	3.3	U	0.19	J	3.3	U	3.3	U	3.3	U	0.05	U
11096-82-5	Aroclor-1260	33.	U	33.	U	33.	U	33.	U	33.	U	0.5	U
11097-69-1	Aroclor-1254	33.	U	33.	U	33.	U	33.	U	33.	U	0.5	U
11104-28-2	Aroclor-1221	67.	U	67.	U	67.	U	67.	U	67.	U	1.	U
11141-16-5	Aroclor-1232	33.	U	33.	U	33.	U	33.	U	33.	U	0.5	U
12672-29-6	Aroclor-1248	33.	U	33.	U	33.	U	33.	U	33.	U	0.5	U
12674-11-2	Aroclor-1016	33.	U	33.	U	33.	U	33.	U	33.	U	0.5	U
309-00-2	Aldrin	1.7	U	0.1	J	1.7	U	1.7	U	1.7	U	0.025	U
319-84-6	alpha-BHC	0.045	J	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
319-85-7	beta-BHC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
319-86-8	delta-BHC	0.064	J	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
33213-65-9	Endosulfan II	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	0.05	U
50-29-3	4,4'-DDT	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	0.05	U
5103-71-9	alpha-Chlordane	0.056	J	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
5103-74-2	gamma-Chlordane	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
53469-21-9	Aroclor-1242	33.	U	33.	U	33.	U	33.	U	33.	U	0.5	U
53494-70-5	Endrin ketone	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	0.05	U
58-89-9	gamma-BHC (Lindane)	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
60-57-1	Dieldrin	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	0.05	U
72-20-8	Endrin	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	0.05	U
72-43-5	Methoxychlor	17.	U	2.8	J	17.	U	17.	U	17.	U	0.25	U
72-54-8	4,4'-DDD	3.3	U	*0.99*	J	3.3	U	3.3	U	3.3	U	0.05	U
72-55-9	4,4'-DDE	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	0.05	U
7421-93-4	Endrin aldehyde	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	0.05	U
76-44-8	Heptachlor	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U
8001-35-2	Toxaphene	170.	U	170.	U	170.	U	170.	U	170.	U	2.5	U
959-98-8	Endosulfan I	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.025	U

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST													
	SAMPLE ID ------->	PIE-1-0006-06		PIB-T-0006-07		PIB-T-0006-08		PIB-T-0006-09		PIB-T-0006-10		PIB-T-0006-11	
	ORIGINAL ID ----->	PIBLKEW		PIBLKGR		PIBLKK5		PIBLKK6		PIBLKKR		PIBLKLU	
	LAB SAMPLE ID --->	PIBLK EU		PIBLK GR		PIBLK K5		PIBLK K6		PIBLK KR		PIBLK LU	
	ID FROM REPORT -->	PIBLKEW		PIBLKGR		PIBLKK5		PIBLKK6		PIBLKKR		PIBLKLU	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	06/13/95		06/13/95		06/20/95		06/20/95		05/13/95		06/16/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
1024-57-3	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
1031-07-8	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
309-00-2	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-84-6	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-85-7	beta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-86-8	delta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
33213-65-9	Endosulfan II	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	*0.05*	U
50-29-3	4,4'-DDT	*0.05*	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
5103-74-2	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
60-57-1	Dieldrin	0.05	U	*0.09*	U	0.05	U	0.05	U	0.05	U	0.05	U
72-20-8	Endrin	0.05	U	0.05	U	0.05	U	*0.05*	U	0.05	U	*0.05*	U
72-43-5	Methoxychlor	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
72-54-8	4,4'-DDD	0.05	U	0.05	U	*0.05*	U	0.05	U	0.05	U	0.05	U
72-55-9	4,4'-DDE	0.05	U	0.05	U	0.05	U	*0.05*	U	0.05	U	0.05	U
7421-93-4	Endrin aldehyde	0.05	U	0.05	U	0.05	U	*0.05*	U	*0.05*	U	0.05	U
76-44-8	Heptachlor	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
8001-35-2	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
959-98-8	Endosulfan I	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST													
	SAMPLE ID ------->	PIB-T-0006-12		PIB-T-0006-13		PIB-T-0006-14		PIB-T-0006-15		PIB-T-0006-16		PIB-T-0006-17	
	ORIGINAL ID ----->	PIBLKLW		PIBLKM2		PIBLKM3		PIBLKNM		PIBLKNZ		PIBLKPC	
	LAB SAMPLE ID --->	PIBLK LW		PIBLK M2		PIBLK M3		PIBLK NM		PIBLK NZ		PIBLK PC	
	ID FROM REPORT -->	PIBLKLW		PIBLKM2		PIBLKM3		PIBLKNM		PIBLKNZ		PIBLKPC	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	06/16/95		06/17/95		06/17/95		06/17/95		06/20/95		06/17/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
1024-57-3	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.0017	J	0.025	U
1031-07-8	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
309-00-2	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-84-6	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-85-7	beta-BHC	0.025	U	0.025	U	0.025	U	0.0035	J	0.025	U	0.025	U
319-86-8	delta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
33213-65-9	Endosulfan II	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
50-29-3	4,4'-DDT	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
5103-74-2	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
60-57-1	Dieldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-20-8	Endrin	0.05	U	0.0029	J	0.0028	J	0.05	U	0.05	U	0.05	U
72-43-5	Methoxychlor	0.25	U	0.25	U	0.0061	J	0.028	J	0.25	U	0.25	U
72-54-8	4,4'-DDD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-55-9	4,4'-DDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7421-93-4	Endrin aldehyde	0.05	U	0.05	U	0.05	U	0.0033	J	0.05	U	0.05	U
76-44-8	Heptachlor	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
8001-35-2	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
959-98-8	Endosulfan I	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST													
	SAMPLE ID ------->	PIB-T-0006-18		PIB-T-0006-19		PIB-T-0006-20		PIB-T-0006-21		PIB-T-0006-22		PIB-T-0006-23	
	ORIGINAL ID ----->	PIBLKPN		PIBLKPR		PIBLKPS		PIBLKPT		PIBLKPU		PIBLKPY	
	LAB SAMPLE ID --->	PIBLK PN		PIBLK PR		PIBLK PS		PIBLK Pt		PIBLK PU		PIBLK PY	
	ID FROM REPORT -->	PIBLKPN		PIBLKPR		PIBLKPS		PIBLKPT		PIBLKPU		PIBLKPY	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	05/26/95		06/19/95		05/26/95		06/19/95		06/19/95		06/19/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
1024-57-3	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
1031-07-8	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5;	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
309-00-2	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-84-6	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-85-7	beta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-86-8	delta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
33213-65-9	Endosulfan II	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
50-29-3	4,4'-DDT	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
5103-74-2	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
60-57-1	Dieldrin	0.05	U	0.05	U	0.05	U			0.05	U	0.05	U
72-20-8	Endrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-43-5	Methoxychlor	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
72-54-8	4,4'-DDD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-55-9	4,4'-DDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7421-93-4	Endrin aldehyde	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.02s	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
8001-35-2	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
959-98-8	Endosulfan I	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST																			
	SAMPLE ID ------->	PIE-1-0006-24		PIE-1-0006-25		PIE-1-0006-26		PIB-T-0006-27		PIB-T-0006-28		PIB-T-0006-29	
	ORIGINAL ID ----->	PIBLKQ7		PIBLKQ8		PIBLKTA		PIBLKTE		PIBLKVK		PIBLKZ5	
	LAB SAMPLE ID --->	PIBLK Q7		PIBLK Q8		PIBLK TA		PIBLK TE		PIBLK VK		PIBLK Z5	
	ID FROM REPORT -->	PIELK07		PIBLKQ8		PIBLKTA		PIBLKTE		PIBLKVK		PIBLKZ5	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	06/19/95		06/19/95		06/20/95		06/20/95		05/26/95		05/26/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
1024-57-3	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
1031-07-8	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
309-00-2	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-84-6	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-85-7	beta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-86-8	delta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
33213-65-9	Endosulfan II	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
50-29-3	4,4'-DDT	0.05	U	0.05	U	0.0044	J	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
5103-74-2	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
60-57-1	Dieldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-20-8	Endrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-43-5	Methoxychlor	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
72-54-8	4,4'-DDD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-55-9	4,4'-DDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7421-93-4	Endrin aldehyde	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
8001-35-2	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
959-98-8	Endosulfan I	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST																			
	SAMPLE ID ------->	PIB-T-0008-02		PIB-T-0008-03		PIB-T-0008-04		PIB-T-0008-05		PIB-T-0008-06		PIB-T-0008-07	
	ORIGINAL ID ----->	PIBLKG6		PIBLKG7		PIBLKKV		PIBLKL5		PIBLKM1		PIBLKN2	
	LAB SAMPLE ID --->	PIBLK G6		PIBLK G7		PIBLK KV		PIBLK L5		PIBLK M1		PIBLK N2	
	ID FROM REPORT -->	PIBLKG6		PIBLKG7		PIBLKKV		PIBLKL5		PIBLKM1		PIBLKN2	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	06/12/95		06/12/95		06/16/95		06/16/95		06/17/95		06/17/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00008	VAL	00008	VAL	00008	VAL	00008	VAL	00008	VAL	00008	VAL
1024-57-3	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
1031-07-8	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
309-00-2	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-84-6	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-85-7	Ikta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
319-86-8	delta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
33213-65-9	Endosulfan II	0.05	U	0.05	U	'0.05	U	0.05	U	0.05	U	0.05	U
50-29-3	4,4'-DDT	0.022	3	0.013	J	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
5103-74-2	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
60-57-1	Dieldrin	0.0046	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-20-8	Endrin	0.0066	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-43-5	Methoxychlor	0.021	J	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
72-54-8	4,4'-DDD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-55-9	4,4'-DDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7421-93-4	Endrin aldehyde	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
8001-35-2	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
959-98-8	Endosulfan I	0.025	U	0.025	U	0.029	U	0.025	U	0.025	U	0.025	U

*** Validation Complete +*+

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

PEST									
	SAMPLE ID ------->	PIB-T-0008-08		PIB-T-0008-09					
	ORIGINAL ID ----->	PIBLKM3		PIBLKNR					
	LAB SAMPLE ID --->	PIBLK M3		PIBLK NR					
	ID FROM REPORT -->	PIBLKM3		PIBLKNR					
	SAMPLE DATE ----->								
	DATE ANALYZED --->	06/17/95		06/17/95					
	MATRIX ---------->	Yatcr		Yattr					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	00008	VAL	00008	VAL				
1024-57-3	Heptachlor epoxide	0.025	U	0.025	U				
1031-07-8	Endosulfan sulfate	0.05	U	0.05	U				
11096-82-5	Aroclor-1260	0.5	U	0.5	U				
11097-69-1	Aroclor-1254	0.5	U	0.5	U				
11104-28-2	Aroclor-1221	1.	U	1.	U				
11141-16-5	Aroclor-1232	0.5	U	0.5	U				
12672-29-6	Aroclor-1248	0.5	U	0.5	U				
12674-11-2	Aroclor-1016	0.5	U	0.5	U				
309-00-2	Aldrin	0.025	U	0.025	U				
319-84-6	alpha-BHC	0.025	U	0.025	U				
319-85-7	beta-BHC	0.025	U	0.025	U				
319-86-8	delta-BHC	0.025	U	0.025	U				
33213-65-9	Endosulfan II	0.05	U	0.05	U				
50-29-3	4,4'-DDT	0.05	U	0.05	U				
5103-71-9	alpha-Chlordane	0.025	U	0.025	U				
5103-74-2	gamma-Chlordane	0.025	U	0.025	U				
53469-21-9	Aroclor-1242	0.5	U	0.5	U				
53494-70-5	Endrin ketone	0.05	U	0.05	U				
58-89-9	gamma-BHC (Lindane)	0.025	U	0.025	U				
60-57-1	Dieldrin	0.05	U	0.05	U				
72-20-8	Endrin	0.05	U	0.05	U				
72-43-5	Methoxychlor	0.25	U	0.25	U				
72-54-8	4,4'-DDD	0.05	U	0.05	U				
72-55-9	4,4'-DDE	0.05	U	0.05	U				
7421-93-4	Endrin aldehyde	0.05	U	0.05	U				
76-44-8	Heptachlor	0.025	U	0.025	U				
8001-35-2	Toxaphene	2.5	U	2.5	U				
959-98-8	Endosulfan I	0.025	U	0.025	U				

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

SVOA											
	SAMPLE ID ------->	SBL-T-0006-01		SBL-T-0006-02		SBL-T-0006-03					
	ORIGINAL ID ----->	SBLK22		SBLK31		SBLK68					
	LAB SAMPLE ID --->	723929		715031		721948					
	ID FROM REPORT -->	SBLK22		SBLK31		SBLK68					
	SAMPLE DATE ----->										
	DATE EXTRACTED -->	05/27/95		05/16/95		05/26/95					
	DATE ANALYZED --->	06/09/95		05/23/95		06/12/95					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL				
100-01-6	4-Nitroaniline	830.	U	830.	U	820.	U				
100-02-7	4-Nitrophenol	830.	U	830.	U	820.	U				
101-55-3	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U				
105-67-9	2,4-Dimethylphenol	330.	U	330.	U	330.	U				
106-44-5	4-Methylphenol (p-Cresol)	330.	U	330.	U	330.	U				
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U	330.	U				
106-47-8	4-Chloroaniline	330.	U	330.	U	330.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	330.	U	330.	U				
108-95-2	Phenol	330.	U	330.	U	330.	U				
111-44-4	bis(2-Chloroethyl)ether	330.	U	330.	U	330.	U				
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U	330.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U	330.	U	330.	U				
117-84-0	Di-n-octyl phthalate	330.	U	330.	U	330.	U				
118-74-1	Hexachlorobenzene	330.	U	330.	U	330.	U				
120-12-7	Anthracene	330.	U	330.	U	330.	U				
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U	330.	U				
120-83-2	2,4-Dichlorophenol	330.	U	330.	U	330.	U				
121-14-2	2,4-Dinitrotoluene	330.	U	330.	U	330.	U				
129-00-0	Pyrene	330.	U	330.	U	330.	U				
131-11-3	Dimethyl phthalate	330.	U	330.	U	330.	U				
132-64-9	Dibenzofuran	330.	U	330.	U	330.	U				
191-24-2	Benzo(g,h,i)perylene	330.	U	330.	U	330,	U				
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U	330.	U	330.	U				
205-99-2	Benzo(b)fluoranthene	330.	U	350.	U	330.	U				
206-44-0	Fluoranthene	330.	U	330.	U	330.	U				
207-08-9	Benzo(k)fluoranthene	330.	U	330.	U	330.	U				
208-96-8	Acenaphthylene	330.	U	330.	U	330.	U				
218-01-9	Chrysene	330.	U	330.	U	330.	U				
50-32-8	Benzo(a)pyrene	330.	U	330.	U	330.	U				
51-28-5	2,4-Dinitrophenol	830.	U	830.	U	820.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U	830.	U	820.	U				
53-70-3	Dibenz(a,h)anthracene	330.	U	330.	U	330.	U				
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U	330.	U				
56-55-3	Benzo(a)anthracene	330.	U	330.	U	330.	U				
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U	330.	U				
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U	330.	U				

*** Validatiorr Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

SVOA											
		SAMPLE ID ------->	SBL-T-0006-01		SBL-T-0006-02		SBL-T-0006-03				
		ORIGINAL ID ----->	SBLK22		SBLK31		SBLK68				
		LAB SAMPLE ID --->	723929		715031		721948				
		ID FROM REPORT -->	SBLK22		SBLK31		SBLK68				
		DATE ----->									
		DATE EXTRACTED -->	05/27/94		05/16/95		05/26/95				
		DATE ANALYZED --->	06/09/95		05/23/95		06/12/95				
		MATRIX ---------->	Soil		Soil		Soil				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		00006	VAL	00006	VAL	00006	VAL			
621-64-7	N-Nitroso-di-n-propylamine		330.	U	330.	U	330.	U			
67-72-1	Hexachloroethane		330.	U	330.	U	330.	U			
7005-72-3	4-Chlorophenylphenylether		330.	U	330.	U	330.	U			
77-47-4	Hexachlorocyclopentadiene		no.	U	330.	U	330.	U			
78-59-1	Isophorone		330.	U	330.	U	330.	U			
83-32-9	Acenaphthene		330.	U	330.	U	330.	U			
84-66-2	Diethylphthalate		330.	U	330.	U	330.	U			
84-74-2	Di-n-butylphthalate		330.	U	330.	U	330.	U			
85-01-8	Phenanthrene		330.	U	330.	U	330.	U			
85-68-7	Butylbenzylphthalate		no.	U	330.	U	330.	U			
86-30-6	N-Nitrosodiphenylamine		330.	U	330.	U	330.	U			
86-73-7	Fluorene		330.	U	330.	U	330.	U			
86-74-8	Carbazole		330.	U	330.	U	330.	U			
87-68-3	Hexachlorobutadiene		no.	U	330.	U	330.	U			
87-86-5	Pentachlorophenol		830.	U	830.	U	820.	U			
88-06-2	2,4,6-Trichlorophenol		330.	U	330.	U	330.	U			
88-74-4	2-Nitroaniline		830.	U	830.	U	820.	U			
88-75-5	2-Nitrophenol		330.	U	330.	U	330.	U			
91-20-3	Naphthalene		330.	U	330.	U	330.	U			
91-57-6	2-Methylnaphthalene		330.	U	330.	U	330.	U			
91-58-7	2-Chloronaphthalene		330.	U	330.	U	330.	U			
91-94-1	3,3'-Dichlorobenzidine		no.	U	330.	U	330.	U			
95-48-7	2-Methylphenol (o-Cresol)		330.	U	330.	U	330.	U			
95-50-1	1,2-Dichlorobenzene		330.	U	330.	U	330.	U			
95-57-8	2-Chlorophenol		330.	U	330.	U	330.	U			
95-95-4	2,4,5-Trichlorophenol		830.	U	830.	U	820.	U			
98-95-3	Nitrobenzene		330.	U	330.	U	330.	U			
99-09-2	3-Nitroaniline		830.	U	830.	U	820.	U			

*** Validation Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

VOA													
	SAMPLE ID ------->	VBL-T-0006-01		VBL-T-0006-02		VBL-T-0006-03		VBL-T-0006-04		VBL-T-0006-05		VBL-T-0006-06	
	ORIGINAL ID ----->	VBLK06		VBLKN9		VBLKR6		VBLKT4		VBLKT9		VBLKZ5	
	LAB SAMPLE ID --->	721759		716054		716917		724843		724397		727388	
	ID FROM REPORT -->	VBLK06		VBLKN9		VBLKR6		VBLKT4		VBLKT9		VBLKZ5	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	05/25/95		05/14/95		05/17/95		05/31/95		05/27/95		06/05/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-64-1	Acetone	24.		13.		22.		27.		10.	U	13.	
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	9.	J	8.	J	13.		11.		6.	J	7.	J
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
15-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validati Complete ***

PENSACOLA, SITE 29
INTERIM REMOVAL CONFIRMATORY SAMPLES

VOA

SAMPLE ID ------->	VHB-T-0006-07
ORIGINAL ID ----->	VHBLK38
LAB SAMPLE ID --->	724459
ID FROM REPORT -->	VHBLK38
SAMPLE DATE ----->	
DATE ANALYZED --->	05/31/95
MATRIX ---------->	soil
UNITS ----------->	UG/KG

CAS #	Parameter	00006	VAL
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
107-06-2	1,2-Dichloroethane	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
124-48-1	Dibromochloromethane	10.	U
127-18-4	Tetrachloroethene	10.	U
1330-20-7	Xylene (Total)	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U
56-23-5	Carbon tetrachloride	10.	U
591-78-6	2-Hexanone	10.	U
67-64-1	Acetone	10.	U
67-66-3	Chloroform	10.	U
71-43-2	Benzene	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
74-83-9	Bromomethane	10.	U
74-87-3	Chloromethane	10.	U
75-00-3	Chloroethane	10.	U
75-01-4	Vinyl chloride	10.	U
75-09-2	Methylene chloride	5.	J
75-15-0	Carbon disulfide	10.	U
75-25-2	Bromoform	10.	U
75-27-4	Bromodichloromethane	10.	U
75-34-3	1,1-Dichloroethane	10.	U
75-35-4	1,1-Dichloroethene	10.	U
78-87-5	1,2-Dichloropropane	10.	U
78-93-3	2-Butanone (MEK)	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
79-01-6	Trichloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U

*** Validation Complete ***

Site 34

QA/QC/Blank Analytical Data

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-K-0001-00 MS		034-X-0001-00 MSD		034-X-0001-01 MSD				
	ORIGINAL ID ——>	34GR01MS		34GR01MSD		34GR01MSD				
	LAB SAMPLE ID ——>	39274-3MS		39274-27MSD		39274-3MSD				
	ID FROM REPORT ——>	34GR01MS		34GR01MSD		34GR01MSD				
	SAMPLE DATE ——>	02/10/94		02/10/94		02/10/94				
	DATE EXTRACTED ——>									
	DATE ANALYZED ——>	02/17/94		02/14/94		02/17/94				
	MATRIX ——>	Water		Water		Mater				
	UNITS ——>	UG/L		UG/L		UG/L				
Method	Parameter	CT511	NV	CT511	NV	CT511	NV			
PEST	4,4'-DDD	0.11	U	0.11	U	0.13	U			
PEST	4,4'-DDE	0.11	U	0.11	U	0.13	U			
PEST	4,4'-DDT	0.55		0.11	U	0.86				
PEST	Aldrin	0.26		0.053	U	0.38				
PEST	Aroclor-1016	1.1	U	1.1	U	1.3	U			
BEST	Aroclor-1221	2.1	U	2.1	U	2.6	U			
PEST	Aroclor-1232	1.1	U	1.1	U	1.3	U			
'EST	Aroclor-1242	1.1	U	1.1	U	1.3	U			
BEST	Amlor-1240	1.1	U	1.1	U	1.3	U			
'EST	Aroclor-1254	1.1	U	1.1	U	1.3	U			
BEST	Amlor-1260	1.1	U	1.1	U	1.3	U			
'EST	Dieldrin	10.76		0.11	U	0.98				
'EST	Endosulfan I	0.053	U	0.053	U	0.064	U			
'EST	Endosulfan II	0.11	U	0.11	U	0.13	U			
'EST	Endosulfan sulfate	0.11	U	0.11	U	0.13	U			
'EST	Endrin	0.77		0.11	U	1.				
'EST	Endrin aldehyde	0.11	U	0.11	U	0.13	U			
'EST	Endrin ketone	0.11	U	0.11	U	0.13	U			
'EST	Heptachlor	0.34		0.053	U	0.44				
'EST	Heptachlor epoxide	0.053	U	0.053	U	0.064	U			
'EST	Methoxychlor	0.53	U	0.13	U	0.64	U			
'EST	Toxaphene	5.3	U	5.3	U	6.4	U			
'EST	alpha-BHC	0.053	U	0.053	U	0.064	U			
'EST	alpha-Chlordane	0.053	U	0.053	U	0.064	U			
'EST	beta-BHC	0.053	U	0.053	U	0.064	U			
'EST	delta-BHC	0.053	U	0.053	U	0.064	U			
'EST	gamma-BHC (Lindane)	0.41		0.053	U	0.47				
'EST	gamma-Chlordane	0.053	U	0.053	U	0.064	U			

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

SAMPLE ID		034-K-0001-00 MS		034-X-0001-01 MSD			
ORIGINAL ID		34GR01MS		34GR01MSD			
LAB SAMPLE ID		39274-3MS		39274-3MSD			
ID FROM REPORT		34GR01MS		34GR01MSD			
SAMPLE DATE		02/10/94		02/10/94			
DATE EXTRACTED							
DATE ANALYZED		02/14/94		02/14/94			
MATRIX		Water		Water			
UNITS		UG/L		UG/L			
Method	Parameter	CT511	MV	CT511	MV		
SVOA	1,2,4-Trichlorobenzene	39.		37.			
SVOA	1,2-Dichlorobenzene	11.	U	11.	U		
SVOA	1,3-Dichlorobenzene	11.	U	11.	U		
SVOA	1,601 chlorobenzene	37.		39.			
SVOA	2,4,5-Trichlorophenol	27.	U	29.	U		
SVOA	2,4,6-Trichlorophenol	11.	U	11.	U		
SVOA	2,4-Dichlorophenol	11.	U	11.	U		
SVOA	2,4-Dimethylphenol	11.	U	11.	U		
SVOA	2,4-Dinitrophenol	27.	U	29.	U		
SVOA	2,4-Dinitrotoluene	40.		39.			
SVOA	2,6-Dinitrotoluene	11.	U	11.	U		
SVOA	2-Chloronaphthalene	11.	U	11.	U		
SVOA	2-all ~~1~~	46.		51.			
SVOA	2-Methylnaphthalene	110.		110.			
SVOA	2-Methylphenol (o-Cresol)	11.	U	11.	U		
SVOA	2-Nitroaniline	27.	U	29.	U		
SVOA	2-Nitrophenol	11.	U	11.	U		
SVOA	3,3'-Dichlorobenzidine	11.	U	11.	U		
SVOA	3-Nitroaniline	27.	U	29.	U		
SVOA	4,6-Dinitro-2-methylphenol	27.	U	29.	U		
SVOA	4-Bromophenyl-phenylether	11.	U	11.	U		
SVOA	4-Chloro-3-methylphenol	65.		70.			
SVOA	4-Chloroaniline	11.	U	11.	U		
SVOA	4-Chlorophenyl-phenylether	11.	U	11.	U		
SVOA	4-Methylphenol (p-Cresol)	11.	U	11.	U		
SVOA	4-Nitroaniline	27.	U	29.	U		
SVOA	4-Nitrophenol	66.		63.			
SVOA	Acenaphthene	23.		24.			
SVOA	Acenaphthylene	11.	U	11.	U		
SVOA	Anthracene	11.	U	11.	U		
SVOA	Benzo(a)anthracene	11.	U	11.	U		
SVOA	Benzo(a)pyrene	11.	U	11.	U		
SVOA	Benzo(b)fluoranthene	11.	U	11.	U		
SVOA	Benzo(g,h,i)perylene	11.	U	11.	U		
SVOA	Benzo(k)fluoranthene	11.	U	11.	U		
SVOA	Butylbenzylphthalate	11.	U	11.	U		

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID →	034-K-0001-00 MS		034-X-0001-01 MSD					
	ORIGINAL ID →	34GR01MS		34GR01MSD					
	LAB SAMPLE ID →	39274-3MS		39274-3MSD					
	ID FROM REPORT →	34GR01MS		34GR01MSD					
	SAMPLE DATE →	02/10/94		02/10/94					
	DATE EXTRACTED →								
	DATE ANALYZED →	02/14/94		02/15/94					
	MATRIX →	Water		Water					
	UNITS →	UG/L		UG/L					
Method	Parameter	CT511	NV	CT511	NV				
SVOA	Carbazole	11.	U	11.	U				
SVOA	Chrysene	11.	U	11.	U				
SVOA	Di-n-butylphthalate	11.	U	11.	U				
SVOA	Di-n-octylphthalate	11.	U	11.	U				
SVOA	Dibenzo(a,h)anthracene	11.	U	11.	U				
SVOA	Dibenzofuran	11.	U	11.	U				
SVOA	Diethylphthalate	11.	U	11.	U				
SVOA	Dimethylphthalate	11.	U	11.	U				
SVOA	Fluoranthene	11.	U	11.	U				
SVOA	Fluorene	11.	U	11.	U				
SVOA	Hexachlorobenzene	11.	U	11.	U				
SVOA	Hexachlorobutadiene	11.	U	11.	U				
SVOA	Hexachlorocyclopentadiene	11.	U	11.	U				
SVOA	Hexachloroethane	11.	U	11.	U				
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	11.	U				
SVOA	Isophorone	11.	U	11.	U				
SVOA	N-Nitroso-di-n-propylamine	33.		33.					
SVOA	N-Nitrosodiphenylamine	11.	U	11.	U				
SVOA	Naphthalene	190.		200.					
SVOA	Nitrobenzene	11.	U	11.	U				
SVOA	Pentachlorophenol	65.		67.					
SVOA	Phenanthrene	11.	U	11.	U				
SVOA	Phenol	50.		53.					
SVOA	Pyrene	21.		20.					
SVOA	bis(2-Chloroethoxy)methane	11.	U	11.	U				
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U				
SVOA	bis(2-Chloroethyl)ether	11.	U	11.	U				
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U				

	SAMPLE ID ——>	034-X-0001-00 MSD		034-X-0001-01 MS		034-X-0001-01 MSD					
	ORIGINAL ID ——>	34GR01MSD		34GR01MS		34GR01MSD					
	LAB SAMPLE ID ——>	39274-27MSD		39274-27MS		39274-3MSD					
	ID FROM REPORT ——>	34GR01MSD		34GR01MS		34GR01MSD					
	SAMPLE DATE ——>	02/10/94		02/10/94		02/10/94					
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/14/94		02/14/94		02/14/94					
	MATRIX ——>	Water		Water		Water					
	UNITS ——>	UG/L		UG/L		UG/L					
Method	Parameter	CT511	NV	CT511	NV	CT511	NV				
VOA	1,1,1-Trichloroethane	100.	U	100.	U	10.	U				
VOA	1,1,2,2-Tetrachloroethane	100.	U	100.	U	10.	U				
VOA	1,1,2-Trichloroethane	100.	U	100.	U	10.	U				
VOA	1,1-Dichloroethane	100.	U	100.	U	10.	U				
VOA	1,1-Dichloroethene	500.		490.		10.	U				
VOA	1,2-Dichloroethane	100.	U	100.	U	10.	U				
VOA	1,2-Dichloroethene (total)	100.	U	100.	U	10.	U				
VOA	1,2-Dichloropropane	100.	U	100.	U	10.	U				
VOA	2-Butanone (MEK)	100.	U	100.	U	10.	U				
VOA	2-Hexanone	100.	U	100.	U	10.	U				
VOA	4-Methyl-2-Pentanone (MIBK)	100.	U	100.	U	10.	U				
VOA	Acetone	100.	U	100.	U	10.	U				
VOA	Benzene	530.		520.		10.	U				
VOA	Bromodichloromethane	100.	U	100.	U	10.	U				
VOA	Bromoform	100.	U	100.	U	10.	U				
VOA	Bromomethane	100.	U	100.	U	10.	U				
VOA	Carbon disulfide	100.	U	100.	U	10.	U				
VOA	Carbon tetrachloride	100.	U	100.	U	10.	U				
VOA	Chlorobenzene	550.		520.		10.	U				
VOA	Chloroethane	100.	U	100.	U	10.	U				
VOA	Chloroform	100.	U	100.	U	10.	U				
VOA	Chloromethane	100.	U	100.	U	10.	U				
VOA	Dibromochloromethane	100.	U	100.	U	10.	U				
VOA	Ethylbenzene	100.	U	100.	U	10.	U				
VOA	Methylene chloride	100.	U	100.	U	10.	U				
VOA	Styrene	100.	U	100.	U	10.	U				
VOA	Tetrachloroethene	100.	U	100.	U	10.	U				
VOA	Toluene	490.		480.		10.	U				
VOA	Trichloroethene	530.		510.		10.	U				
VOA	Vinyl chloride	100.	U	100.	U	10.	U				
VOA	m+p-Xylenes	100.	U	100.	U	10.	U				
VOA	cis-1,3-Dichloropropene	100.	U	100.	U	10.	U				
VOA	trans-1,3-Dichloropropene	100.	U	100.	U	10.	U				

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-K-0003-01	IS	034-X-0003-01	MSD						
	ORIGINAL ID ——>	34S0301MS		34S0301MSD							
	LAB SAMPLE ID ——>	39234-12MS		39234-12MSD							
	ID FROM REPORT ——>	344303011s		34S0301MSD							
	SAMPLE DATE ——>	02/07/94		02/07/94							
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	02/12/94		02/12/94							
	MATRIX ——>	Soil		Soil							
	UNITS ——>	UG/KG		UG/KG							
Method	Parameter	CT507	MV	CT507	MV						
PEST	4,4'-DDD	3.7	U	3.6	U						
PEST	4,4'-DDE	3.7	U	3.6	U						
PEST	4,4'-DDT	26.		29.							
PEST	Aldrin	12.		14.							
PEST	Aroclor-1016	37.	U	36.	U						
PEST	Aroclor-1221	74.	U	73.	U						
PEST	Aroclor-1232	37.	U	36.	U						
PEST	Aroclor-1242	37.	U	36.	U						
PEST	Aroclor-1248	37.	U	36.	U						
PEST	Aroclor-1254	37.	U	36.	U						
PEST	Aroclor-1260	37.	U	36.	U						
PEST	Dieldrin	30.		34.							
PEST	Endosulfan I	1.9	U	1.9	U						
PEST	Endosulfan II	3.7	U	3.6	U						
PEST	Endosulfan sulfate	3.7	U	3.6	U						
PEST	Endrin	27.		29.							
PEST	Endrin aldehyde	3.7	U	3.6	U						
PEST	Endrin ketone	3.7	U	3.6	U						
PEST	Heptachlor	14.		14.							
PEST	Heptachlor epoxide	1.9	U	1.9	U						
PEST	Methoxychlor	19.	U	19.	U						
PEST	Toxaphene	190.	U	190.	U						
PEST	alpha-BHC	1.9	U	1.9	U						
PEST	alpha-Chlordane	4.8		8.9							
PEST	beta-BHC	1.9	U	1.9	U						
PEST	delta-BHC	1.9	U	1.9	U						
PEST	gamma-BHC (Lindane)	12.		13.							
PEST	gamma-Chlordane	3.8		6.1							

SAMPLE ID ——>		034-K-0003-01 MS		034-X-0003-01 MSD			
ORIGINAL ID ——>		34S0301MS		34S0301MSD			
LAB SAMPLE ID ——>		39234-12MS		39234-12MSD			
ID FROM REPORT ——>		34S0301MS		34S0301MSD			
SAMPLE DATE ——>		02/07/94		02/07/94			
DATE EXTRACTED ——>							
DATE ANALYZED ——>		02/10/94		02/10/94			
MATRIX ——>		Soil		Soil			
UNITS ——>		UG/KG		UG/KG			
Method	Parameter	CT507	NV	CT507	NV		
SVOA	1,2,4-Trichlorobenzene	950.		960.			
SVOA	1,2-Dichlorobenzene	360.	U	360.	U		
SVOA	1,3-Dichlorobenzene	360.	U	360.	U		
SVOA	1,4-Dichlorobenzene	860.		900.			
SVOA	2,4,5-Trichlorophenol	870.	U	870.	U		
SVOA	2,4,6-Trichlorophenol	360.	U	360.	U		
SVOA	2,4-Dichlorophenol	360.	U	360.	U		
SVOA	2,4-Dimethylphenol	360.	U	360.	U		
SVOA	2,4-Dinitrophenol	870.	U	870.	U		
SVOA	2,4-Dinitrotoluene	1200.		1200.			
SVOA	2,6-Dinitrotoluene	360.	U	360.	U		
SVOA	2-Chloronaphthalene	360.	U	360.	U		
SVOA	2-Chlorophenol	1500.		1500.			
SVOA	2-Methylnaphthalene	360.	U	360.	U		
SVOA	2-Methylphenol (o-Cresol)	360.	U	360.	U		
SVOA	2-Nitroaniline	870.	U	870.	U		
SVOA	2-Nitrophenol	360.	U	360.	U		
SVOA	3,3'-Dichlorobenzidine	360.	U	360.	U		
SVOA	3-Nitroaniline	870.	U	870.	U		
SVOA	4,6-Dinitro-2-methylphenol	870.	U	870.	U		
SVOA	4-Bromophenyl-phenylether	360.	U	360.	U		
SVOA	4-Chloro-3-methylphenol	1800.		1800.			
SVOA	4-Chloroaniline	360.	U	360.	U		
SVOA	4-Chlorophenyl-phenylether	360.	U	360.	U		
SVOA	4-Methylphenol (p-Cresol)	360.	U	360.	U		
SVOA	4-Nitroaniline	870.	U	870.	U		
SVOA	4-Nitrophenol	2100.		2100.			
SVOA	Acenaphthene	1100.		1100.			
SVOA	Acenaphthylene	360.	U	360.	U		
SVOA	Anthracene	360.	U	360.	U		
SVOA	Benzo(a)anthracene	360.	U	360.	U		
SVOA	Benzo(a)pyrene	360.	U	360.	U		
SVOA	Benzo(b)fluoranthene	360.	U	360.	U		
SVOA	Benzo(g,h,i)perylene	360.	U	360.	U		
SVOA	Benzo(k)fluoranthene	360.	U	360.	U		
SVOA	Benzylbutylphthalate	360.	U	360.			

	SAMPLE ID ——>	034-K-0003-01 ns		034-X-0003-01 MSD				
	ORIGINAL ID ——>	34S0301MS		34S0301MSD				
	LAB SAMPLE ID ——>	39234-12MS		39234-12MSD				
	ID FROM REPORT —>	34S0301MS		34S0301MSD				
	SAMPLE DATE ——>	02/07/94		02/07/94				
	DATE EXTRACTED —>							
	DATE ANALYZED ——>	02/10/94		02/10/94				
	MATRIX ——>	Soil		Soil				
	UNITS ——>	UG/KG		UG/KG				
Method	Parameter	CT507	NV	CT507	NV			
SVOA	carbazole	360.	U	360.	U			
SVOA	Chryrme	360.	U	360.	U			
SVOA	Di-n-butylphthalate	360.	U	360.	U			
SVOA	Di-n-octylphthalate	360.	U	360.	U			
SVOA	Dibenzo(a,h)anthracene	360.	U	360.	U			
SVOA	Dibenzofuran	360.	U	360.	U			
SVOA	Diethylphthalate	360.	U	360.	U			
SVOA	Dimethylphthalate	360.	U	360.	U			
SVOA	fluoranthene	360.	U	360.	U			
SVOA	Fluorene	360.	U	360.	U			
SVOA	Hexachlorobenzene	360.	U	360.	U			
SVOA	Hexachlorobutadiene	360.	U	360.	U			
SVOA	Hexachlorocyclopentadiene	360.	U	360.	U			
SVOA	Hexachloroethane	360.	U	360.	U			
SVOA	Indeno(1,2,3-cd)pyrene	360.	U	360.	U			
SVOA	Isophorone	360.	U	360.	U			
SVOA	N-Nitroso-di-n-propylamine	1100.		1100.				
SVOA	N-Nitrosodiphenylamine	360.	U	360.	U			
SVOA	Naphthalene	360.	U	360.	U			
SVOA	Nitrobenzene	360.	U	360.	U			
SVOA	Pentachlorophenol	1900.		2000.				
SVOA	Phenanthrene	360.	U	360.	U			
SVOA	Phenol	1700.		1500.				
SVOA	Pyrene	1100.		700.				
SVOA	bis(2-Chloroethoxy)methane	360.	U	360.	U			
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	360.	U			
SVOA	bis(2-Chloroethyl)ether	360.	U	360.	U			
SVOA	2,2'-oxybis(1-Chloropropane)	360.	U	360.	U			

	SAMPLE ID →	034-K-0001-09 MS		034-X-0001-09 MSD		034-K-0003-01 MS						
	ORIGINAL ID →	34S0109MS		34S0109MSD		34S0301MS						
	LAB SAMPLE ID →	39234-32MS		39234-32MSD		39234-38MS						
	ID FROM REPORT →	34S0109MS		34S0109MSD		34S0301MS						
	SAMPLE DATE →	02/07/94		02/07/94		02/07/94						
	DATE EXTRACTED →											
	DATE ANALYZED →	02/10/94		02/10/94		02/09/94						
	MATRIX →	Soil		Soil		Soil						
	UNITS →	UG/KG		UG/KG		UG/KG						
Method	Parameter	C W	NV	CDV	NV	CT507	NV					
VOA	1,1,1-Trichloroethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	1,1,2,2-Tetrachloroethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	1,1,2-Trichloroethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	1,1-Dichloroethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	1,1-Dichloroethene	6900.		7200.		52.		46.				
VOA	1,2-Dichloroethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	1,2-Dichloroethene (total)	1300.	U	1300.	U	11.	U	11.	U			
VOA	1,2-Dichloropropane	1300.	U	1300.	U	11.	U	11.	U			
VOA	2-Butanone (MEK)	1300.	U	1300.	U	11.	U	11.	U			
VOA	2-Hexanone	1300.	U	1300.	U	11.	U	11.	U			
VOA	4-Methyl-2-Pentanone (MIBK)	1300.	U	1300.	U	11.	U	11.	U			
VOA	Acetone	1300.	U	1300.	U	44.	U	60.	U			
VOA	Benzene	6500.		6700.		60.		s7.				
VOA	Bromodichloromethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	Bromoform	1300.	U	1300.	U	11.	U	11.	U			
VOA	Bromomethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	Carbon disulfidl.	1300.	U	1300.	U	11.	U	11.	U			
VOA	Carbon totrachloride	1300.	U	1300.	U	11.	U	11.	U			
VOA	Chlorobenzene	6600.		6500.		60.		55.				
VOA	Chloroethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	Chloroform	1300.	U	1300.	U	11.	U	11.	U			
VOA	Chloromethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	Dibromochloromethane	1300.	U	1300.	U	11.	U	11.	U			
VOA	Ethylbenzene	1300.	U	1300.	U	11.	U	11.	U			
VOA	Methylene chloride	780.	U	650.	U	11.	U	11.	U			
VOA	Styrene	1300.	U	1300.	U	11.	U	11.	U			
VOA	Tetrachloroethene	1300.	U	1300.	U	11.	U	11.	U			
VOA	Toluene	6500.		6400.		60.		57.				
VOA	Trichloroethene	6000.		6400.		57.		56.				
VOA	Vinyl chloride	1300.	U	1300.	U	11.	U	11.	U			
VOA	m+p-Xylenes	1300.	U	1300.	U	11.	U	11.	U			
VOA	cis-1,3-Dichloropropene	1300.	U	1300.	U	11.	U	11.	U			
VOA	trans-1,3-Dichloropropene	1300.	U	1300.	U	11.	U	11.	U			

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-E-GE02-00		034-E-SE01-00				
	ORIGINAL ID ——>	34GE02		34SE01				
	LAB SAMPLE ID —>	39274-013		39234-050				
	ID FROM REPORT —>	34GE02		34SE01				
	SAMPLE DATE ——>	02/10/94		02/07/94				
	DATE EXTRACTED —>							
	DATE ANALYZED —>							
	MATRIX ————>	Water		Water				
	UNITS ————>	UG/L		UG/L				
Method	Parameter	MCT51	NV		NV			
METAL	Aluminum	17.9	U	11.9	U			
METAL	Antimony	15.6	U	15.6	U			
METAL	Arsenic	2.9	U	2.9	U			
METAL	Barium	2.4	U	2.4	U			
METAL	Beryllium	0.4	U	0.4	U			
RETAL	Cadmium	2.1	U	2.1	U			
METAL	Calcium	22.2		19.	U			
METAL	Chromium	2.3	U	2.3	U			
METAL	Cobalt	3.2	U	3.2	U			
METAL	Copper	2.6	U	2.6	U			
METAL	Cyanide	1.	U	1.	U			
METAL	Iron	15.4		12.5	J			
METAL	Lead	0.6		1.2	J			
METAL	Magnesium	22.	U	22.	U			
METAL		1.	U	1.	U			
METAL	Mercury	0.1	U	0.1	U			
METAL	Nickel	10.4	U	10.4	U			
METAL	Potassium	649.	U	649.	U			
METAL	Selenium	1.7	U	1.7	U			
METAL	Silver	3.6	U	3.6	U			
METAL	Sodium	22.4	U	70.2	J			
METAL	Thallium	2.6	U	2.6	U			
METAL	Vanadium	3.3	U	3.3	U			
METAL	Zinc	1.7	U	1.9	J			

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-E-GE02-00		034-E-SE01-00				
	ORIGINAL ID ——>	34GE02		34SE01				
	LAB SAMPLE ID ——>	39274-5		39234-46				
	ID FROM REPORT ——>	34GE02		34SE01				
	SAMPLE DATE ——>	02/10/94		02/07/94				
	DATE EXTRACTED ——>							
	DATE ANALYZED ——>	02/17/94		02/11/94				
	MATRIX ——>	Water		Water				
	UNITS ——>	UG/L		UG/L				
Method	Parameter	CT511	MV	C W	MV			
PEST	4,4'-DDD	0.12	UJ	0.11	U			
PEST	4,4'-DDE	0.12	UJ	0.11	U			
PEST	4,4'-DDT	0.12	UJ	0.11	U			
PEST	Aldrin	0.06	UJ	0.054	U			
PEST	Aroclor-1016	1.2	UJ	1.1	U			
?EST	Aroclor-1221	2.4	UJ	2.2	U			
PEST	Aroclor-1232	1.2	UJ	1.1	U			
PEST	Aroclor-1242	1.2	UJ	1.1	U			
PEST	Aroclor-1248	1.2	UJ	1.1	U			
PEST	Aroclor-1254	1.2	UJ	1.1	U			
PEST	Aroclor-1260	1.2	UJ	1.1	U			
PEST	Dloldrin	0.12	UJ	0.11	U			
PEST	Endosulfan I	0.06	UJ	0.054	U			
PEST	Endosulfan II	0.12	UJ	0.11	U			
PEST	Endosulfan sulfate	0.12	UJ	0.11	U			
PEST	Endrin	0.12	UJ	0.11	U			
PEST	Endrin aldehyde	0.12	UJ	0.11	U			
PEST	Endrin ketone	0.12	UJ	0.11	U			
PEST	Heptachlor	0.06	UJ	0.054	U			
PEST	Heptachlor epoxide	0.06	UJ	0.054	U			
PEST	Methoxychlor	0.6	UJ	0.54	U			
PEST	Toxaphene	6.	UJ	5.4	U			
PEST	alpha-BHC	0.06	UJ	0.054	U			
PEST	alpha-Chlordane	0.06	UJ	0.054	U			
PEST	beta-BHC	0.06	UJ	0.054	U			
PEST	delta-BHC	0.06	UJ	0.054	U			
'EST	gamma-BHC (Lindane)	0.06	UJ	0.054	U			
'EST	gamma-Chlordane	0.06	UJ	0.054	U			

SAMPLE ID →		034-E-GE02-00		034-E-SEM-00			
ORIGINAL ID →		34GE02		34SE01			
LAB SAMPLE ID →		39274-5		39234-46			
ID FROM REPORT →		34GE02		34SE01			
SAMPLE DATE →		02/10/94		02/07/94			
DATE EXTRACTED →							
DATE ANALYZED →		02/14/94		02/10/94			
MATRIX →		Water		Water			
UNITS →		UG/L		UG/L			
Method	Parameter	CIS11	NV	CT507	NV		
SVOA	1,2,4-Trichlorobenzene	12.	U	11.	U		
SVOA	1,2-Dichlorobenzvv	12.	U	11.	U		
SVOA	1,3-Dichlorobenzene	12.	U	11.	U		
SVOA	1,4-Dichlorobenzene	12.	U	11.	U		
SVOA	2,4,5-Trichlorophenol	31.	U	27.	U		
SVOA	2,4,6-Trichlorophenol	12.	U	11.	U		
SVOA	2,4-Dichlorophenol	12.	U	11.	U		
SVOA	2,4-Dimethylphenol	12.	U	11.	U		
SVOA	2,4-Dinitrophenol	31.	U	27.	U		
SVOA	2,4-Dinitrotoluene	12.	U	11.	U		
SVOA	2,6-Dinitrotoluw	12.	U	11.	U		
SVOA	2-Chloronaphthalene	12.	U	11.	U		
SVOA	2-Chlorophenol	12.	U	11.	U		
SVOA	2-Methylnaphthalene	12.	U	11.	U		
SVOA	2-Methylphenol (o-Cresol)	12.	U	11.	U		
SVOA	2-Nitroaniline	31.	U	27.	U		
SVOA	2-Nitrophenol	12.	U	11.	U		
SVOA	3,3'-Dichlorobenzidine	12.	U	11.	U		
SVOA	3-Nitroaniline	31.	U	27.	U		
SVOA	4,6-Dinitro-2-methylphenol	51.	U	27.	U		
SVOA	4-Bromophenyl-phenylether	12.	U	11.	U		
SVOA	4-Chloro-3-methylphenol	12.	U	11.	U		
SVOA	4-Chloroaniline	12.	U	11.	U		
SVOA	4-Chlorophenyl-phenylether	12.	U	11.	U		
SVOA	4-Methylphenol (p-Cresol)	12.	U	11.	U		
SVOA	4-Nitroaniline	31.	U	27.	U		
SVOA	4-Nitrophenol	31.	U	27.	U		
SVOA	Acenaphthene	12.	UJ	11.	U		
SVOA	Acenaphthylene	12.	U	11.	U		
SVOA	Anthracene	12.	U	11.	U		
SVOA	Benzo(a)anthracene	12.	U	11.	U		
SVOA	Benzo(a)pyrene	12.	U	11.	U		
SVOA	Benzo(b)fluoranthene	12.	U	11.	U		
SVOA	Benzo(g,h,i)perylene	12.	U	11.	U		
SVOA	Benzo(k)fluoranthene	12.	U	11.	U		
SVOA	Butylbenzylphthalate	12.	U	11.	U		

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID -->	034-E-GE02-00		034-E-$EO1-00					
	ORIGINAL ID -->	34GE02		34SE01					
	LAB SAMPLE ID -->	39274-5		39234-46					
	ID FROM REPORT -->	34GE02		34SE01					
	SAMPLE DATE -->	02/10/94		02/07/94					
	DATE EXTRACTED -->								
	DATE ANALYZED -->	02/14/94		02/10/94					
	MATRIX -->	Water		Water					
	UNITS -->	UG/L							
Method	Parameter	CT511	MV	CT507	MV				
SVOA	Carbazole	12.	U	11.	U				
SVOA	Chrysene	12.	U	11.	U				
SVOA	Di-n-butylphthalate	12.	U	11.	U				
SVOA	Di-n-octylphthalate	12.	U	11.	U				
SVOA	Dibenzo(a,h)anthracene	12.	U	11.	U				
SVOA	Dibenzofuran	12.	U	11.	U				
SVOA	Diethylphthalate	12.	U	11.	U				
SVOA	Dimethylphthrlrt.	12.	U	11.	U				
SVOA	Fluoranthene	12.	U	11.	U				
SVOA	Fluorene	12.	U	11.	U				
SVOA	Hexachlorobenzene	12.	U	11.	U				
SVOA	Hexachlorobutadion.	12.	U	11.	U				
SVOA	Hexachlorocyclopentadiene	12.	U	11.	U				
SVOA	Hexachloroethane	12.	U	11.	U				
SVOA	Indeno(1,2,3-cd)pyrene	12.	U	11.	U				
SVOA	Isophorone	12.	U	11.	U				
SVOA	N-Nitroso-di-n-propylamine	12.	U	11.	U				
SVOA	N-Nitrosodiphenylamine	12.	U	11.	U				
SVOA	Naphthalene	12.	U	11.	U				
SVOA	Nitrobenzene	12.	U	11.	U				
SVOA	Pentachlorophenol	31.	U	27.	U				
SVOA	Phenanthrene	12.	U	11.	U				
SVOA	Phenol	12.	U	11.	U				
SVOA	Pyrene	12.	U	11.	U				
SVOA	bis(2-Chloroethoxy)methane	12.	U	11.	U				
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	12.	U	11.	U				
SVOA	bis(2-Chloroethyl)ether	12.	U	11.	U				
SVOA	2,2'-oxybis(1-Chloropropane)	12.	U	11.	U				

PENSACOLA, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

	SAMPLE ID ——>	034-E-GE02-00		034-E-SEM-W							
	ORIGINAL ID ——>	34GE02		34SE01							
	LAB SAMPLE ID —>	39274-29		39234-40							
	ID FROM REPORT —>	34GE02		34SE01							
	SAMPLE DATE ——>	02/10/94		02/07/94							
	DATE EXTRACTED —>										
	DATE ANALYZED —>	02/14/94		02/10/94							
	MATRIX ——>	Water		Water							
	UNITS ——>	UG/L		UG/L							
Method	Parameter	CT511	MV	CT507	MV						
VOA	1,1,1-Trichloroethane	10.	U	10.	U						
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U						
VOA	1,1,2-Trichloroethane	10.	U	10.	U						
VOA	1,1-Dichloroethane	10.	U	10.	U						
VOA	1,1-Dichloroethene	10.	U	10.	U						
VOA	1,2-Dichloroethane	10.	U	10.	U						
VOA	1,2-Dichloroethene (total)	10.	U	10.	U						
VOA	1,2-Dichloropropane	10.	U	10.	U						
VOA	2-Butanone (MEK)	10.	U	10.	U						
VOA	2-Hexanone	10.	U	10.	U						
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U						
VOA	Acetone	10.	U	10.	U						
VOA	Benzene	10.	U	10.	U						
VOA	Bromodichloromethane	10.	U	10.	U						
VOA	Bromoform	10.	U	10.	U						
VOA	Bromomethane	10.	U	10.	U						
VOA	Carbon disulfide	10.	U	10.	U						
VOA	Carbon tetrachloride	10.	U	10.	U						
VOA	Chlorobenzene	10.	U	10.	U						
VOA	Chloroethane	10.	U	10.	U						
VOA	Chloroform	10.	U	10.	U						
VOA	Chloromethane	10.	U	10.	U						
VOA	Dibromochloromethane	10.	U	10.	U						
VOA	Ethylbenzene	10.	U	10.	U						
VOA	Methylene chloride	10.	U	10.	U						
VOA	Styrene	10.	U	10.	U						
VOA	Totrachloroethene	10.	U	10.	U						
VOA	Toluene	10.	U	10.	U						
VOA	Trichloroethene	10.	U	10.	U						
VOA	Vinyl chloride	10.	U	10.	U						
VOA	m+p-Xylenes	10.	U	10.	U						
VOA	cis-1,3-Dichloropropene	10.	U	10.	U						
VOA	trans-1,3-Dichloropropene	10.	U	10.	U						

PENSACOW, SITE 34
PENSACOLA, SITE 34 - PHASE I DATA

				034-T-ST01-00 34ST01 39234-44 34ST01 02/07/94 02/10/94 Water UG/L		034-T-ST02-00 34ST02 39234-45 34ST02 02/07/94 02/10/94 Water UG/L				
Method	Parameter	CT511	NV	CT507	NV	CT507	NV			
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U			
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U			
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U			
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U			
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U			
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U			
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U			
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U			
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U			
VOA	2-Hexanone	10.	U	10.	U	10.	U			
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U			
VOA	Acetone	10.	U	10.	U	10.	U			
VOA	Benzene	10.	U	10.	U	10.	U			
VOA	Bromodichloromethane	10.	U	10.	U	10.	U			
VOA	Bromoform	10.	U	10.	U	10.	U			
VOA	Bromomethane	10.	U	10.	U	10.	U			
VOA	Carbon disulfide	10.	U	10.	U	10.	U			
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U			
VOA	Chlorobenzene	10.	U	10.	U	10.	U			
VOA	Chloroethane	10.	U	10.	U	10.	U			
VOA	Chloroform	10.	U	10.	U	10.	U			
VOA	Chloromethane	10.	U	10.	U	10.	U			
VOA	Dibromochloromethane	10.	U	10.	U	10.	U			
VOA	Ethylbenzene	10.	U	10.	U	10.	U			
VOA	Methylene chloride	10.	U	7.	J	6.	J			
VOA	Styrene	10.	U	10.	U	10.	U			
VOA	Tetrachloroethene	10.	U	10.	U	10.	U			
VOA	Toluene	10.	U	10.	U	10.	U			
VOA	Trichloroethene	10.	U	10.	U	10.	U			
VOA	Vinyl chloride	10.	U	10.	U	10.	U			
VOA	m+p-Xylenes	10.	U	10.	U	10.	U			
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U			
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U			

DATALCP3
05/02/95

	SAMPLE ID ——>	034-K-0005-03 MS		034-X-0005-03 MSD			
	ORIGINAL ID ——>	34S0503MS		34S0503MSD			
	LAB SAMPLE ID ——>	40364-21MS		40364-21MSD			
	ID FROM REPORT ——>	E52415MS		E52415MSD			
	SAMPLE DATE ——>						
	DATE EXTRACTED ——>	05/26/94		05/26/94			
	DATE ANALYZED ——>	05/28/94		05/28/94			
	MATRIX ——>	Soil		Soil			
	UNITS ——>	UG/KG		UG/KG			
Method	Parameter	CT524	VAL	CT524	VAL		
PEST	alpha-BHC	1.9	U	1.9	U		
PEST	beta-BHC	1.9	U	1.9	U		
PEST	delta-BHC	1.9	U	1.9	U		
PEST	gamma-BHC (Lindane)	12.		13.			
PEST	Heptachlor	12.		13.			
PEST	Aldrin	12.		13.			
PEST	Heptachlor epoxide	1.9	U	1.9	U		
PEST	Endosulfan I	1.9	U	1.9	U		
PEST	Dieldrin	30.		34.			
PEST	4,4'-DDE	3.7	U	3.7	U		
PEST	Endrin	27.		28.			
PEST	Endosulfan II	3.7	U	3.7	U		
PEST	4,4'-DDD	3.7	U	3.7	U		
PEST	Endosulfan sulfate	3.7	U	3.7	U		
PEST	4,4'-DDT	27.		27.			
PEST	Methoxychlor	19.	U	19.	U		
PEST	Endrin ketone	3.7	U	3.7	U		
PEST	Endrin aldehyde	3.7	U	3.7	U		
PEST	alpha-Chlordane	1.9	U	1.9	U		
PEST	gamma-Chlordane	1.9	U	1.9	U		
PEST	Toxaphene	190.	U	190.	U		
PEST	Aroclor-1016	37.	U	37.	U		
PEST	Aroclor-1221	76.	U	76.	U		
PEST	Aroclor-1232	37.	U	37.	U		
PEST	Aroclor-1242	37.	U	37.	U		
PEST	Aroclor-1248	37.	U	37.	U		
PEST	Aroclor-1254	37.	U	37.	U		
PEST	Aroclor-1260	37.	U	37.	U		

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-K-0001-00 MS		034-X-0001-00 MSD		034-K-0005-03 MS		034-X-0005-03 MSD	
	ORIGINAL ID ——>	34GS01MS		34GS01MSD		34S0503MS		34S0503MSD	
	LAB SAMPLE ID ——>	40417-5MS		40417-5MSD		40364-21MS		40364-21MSD	
	ID FROM REPORT ——>	E52505MS		E52505MSD		E52415MS		E52415MSD	
	SAMPLE DATE ——>								
	DATE EXTRACTED ——>	05/26/94		05/26/94		05/25/94		05/25/94	
	DATE ANALYZED ——>	05/27/94		05/27/94		06/02/94		06/02/94	
	MATRIX ——>	Water		Water		Soil		Soil	
	UNITS ——>	UG/L		UG/L		UG/KG		UG/KG	
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL
SVOA	Phenol	53.		52.		1600.		1400.	
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U	430.	U	430.	U
SVOA	2-Chlorophenol	54.		55.		1500.		1400.	
SVOA	1,3-Dichlorobenzene	5.	U	5.	U	430.	U	430.	U
SVOA	1,4-Dichlorobenzene	29.		31.		800.		770.	
SVOA	1,2-Dichlorobenzene	5.	U	5.	U	430.	U	430.	U
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U	430.	U	430.	U
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U	430.	U	430.	U
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U	430.	U	430.	U
SVOA	N-Nitroso-di-n-propylamine	40.		42.		960.		860.	
SVOA	Hexachloroethane	5.	U	5.	U	430.	U	430.	U
SVOA	Nitrobenzene	5.	U	5.	U	430.	U	430.	U
SVOA	Isophorone	5.	U	5.	U	430.	U	430.	U
SVOA	2-Nitrophenol	5.	U	5.	U	430.	U	430.	U
SVOA	2,4-Dimethylphenol	5.	U	5.	U	430.	U	430.	U
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U	430.	U	430.	U
SVOA	2,4-Dichlorophenol	5.	U	5.	U	430.	U	430.	U
SVOA	1,2,4-Trichlorobenzene	31.		34.		970.		870.	
SVOA	Naphthalene	5.	U	5.	U	430.	U	430.	U
SVOA	4-Chloroaniline	5.	U	5.	U	430.	U	430.	U
SVOA	Hexachlorobutadiene	5.	U	5.	U	430.	U	430.	U
SVOA	4-Chloro-3-methylphenol	62.		62.		1800.		1800.	
SVOA	2-Methylnaphthalene	5.	U	5.	U	430.	U	430.	U
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U	430.	U	430.	U
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U	430.	U	430.	U
SVOA	2,4,5-Trichlorophenol	13.	U	13.	U	1000.	U	1000.	U
SVOA	2-Chloronaphthalene	5.	U	5.	U	430.	U	430.	U
SVOA	2-Nitroaniline	13.	U	13.	U	1000.	U	1000.	U
SVOA	Dimethylphthalate	5.	U	5.	U	430.	U	430.	U
SVOA	Acenaphthylene	5.	U	5.	U	430.	U	430.	U
SVOA	2,6-Dinitrotoluene	5.	U	5.	U	430.	U	430.	U
SVOA	3-Nitroaniline	13.	U	13.	U	1000.	U	1000.	U
SVOA	Acenaphthene	a.		40.		1100.		1100.	
SVOA	2,4-Dinitrophenol	13.	U	13.	U	1000.	U	1000.	U
SVOA	4-Nitrophenol	64.		69.		1900.		1800.	
SVOA	D[illegible]nfuran	5.	U	5.	[illegible]	430.	U	430.	U

*** Validation Complete ***

	SAMPLE ID →	034-K-0001-00 MS		034-X-0001-00 MSD		034-K-0005-03 MS		034-X-0005-03 MSD			
	ORIGINAL ID →	34GS01MS		34GS01MSD		34S0503MS		34S0503MSD			
	LAB SAMPLE ID →	40417-5MS		40417-5MSD		40364-21MS		40364-21MSD			
	ID FROM REPORT →	E52505MS		E52505MSD		E52415MS		E52415MSD			
	SAMPLE DATE →										
	DATE EXTRACTED →	05/26/94		05/26/94		05/25/94		05/25/94			
	DATE ANALYZED →	05/27/94		05/27/94		06/02/94		06/02/94			
	MATRIX →	Water		Water		Soil		Soil			
	UNITS →	UG/L		UG/L		UG/KG		UG/KG			
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL		
SVOA	2,4-Dinitrotoluene	43.		44.		1100.		1100.			
SVOA	Diethylphthalate	5.	U	5.	U	430.	U	430.	U		
SVOA	4-Chlorophenyl-phenylether	5.	U	5.	U	430.	U	430.	U		
SVOA	Fluorene	5.	U	5.	U	430.	U	430.	U		
SVOA	4-Nitroaniline	13.	U	13.	U	1000.	U	lam.	U		
SVOA	4,6-Dinitro-2-methylphenol	13.	U	13.	U	1000.	U	1000.	U		
SVOA	N-Nitrosodiphenylamine	5.	U	5.	U	430.	U	430.	U		
SVOA	4-Brolophmyl-pheny lether	5.	U	5.	U	430.	U	430.	U		
SVOA	Hexachlorobenzene	5.	U	5.	U	430.	U	430.	U		
SVOA	Pentachlorophenol	62.		65.		1800.		1700.			
SVOA	Phenanthrene	5.	U	5.	U	430.	U	430.	U		
SVOA	Anthracene	5.	U	5.	U	430.	U	430.	U		
SVOA	Carbazole	5.	U	5.	U	430.	U	430.	U		
SVOA	Di-n-butylphthalate	5.	U	5.	U	430.	U	430.	U		
SVOA	Fluoranthene	5.	U	5.	U	430.	U	430.	U		
SVOA	Pyrene	41.		41.		1300.		1200.			
SVOA	Butylbenzylphthalate	5.	U	5.	U	430.	U	430.	U		
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U	430.	U	430.	U		
SVOA	Benzo(a)anthracene	5.	U	5.	U	430.	U	430.	U		
SVOA	Chrysene	5.	U	5.	U	430.	U	430.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U	430.	U	430.	U		
SVOA	Di-n-octylphthalate	5.	U	5.	U	430.	U	430.	U		
SVOA	Benzo(b)fluoranthene	5.	U	5.	U	430.	U	430.	U		
SVOA	Benzo(k)fluoranthene	5.	U	5.	U	430.	U	430.	U		
SVOA	Benzo(a)pyrene	5.	U	5.	U	430.	U	430.	U		
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	5.	U	430.	U	430.	U		
SVOA	Dibenzo(a,h)anthracene	5.	U	5.	U	430.	U	430.	U		
SVOA	Benzo(g,h,i)perylene	5.	U	5.	U	430.	U	430.	U		

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-K-0001-00 MS		034-X-0001-00 MSD		034-K-0005-03 MS		034-X-0005-03 MSD			
	ORIGINAL ID ——>	34GS01MS		34GS01MSD		34S0503MS		34S0503MSD			
	LAB SAMPLE ID ——>	40417-10MS		40417-10MSD		40364-15MS		40364-15MSD			
	ID FROM REPORT ——>	E52505MS		E52505MSD		E52415MS		E52415MSD			
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>										
	DATE ANALYZED ——>	06/02/94		06/02/94		05/27/94		05/27/94			
	MATRIX ——>	Water		Water		Soil		Soil			
	UNITS ——>	UG/L		UG/L		UG/KG		UG/KG			
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL		
VOA	Chloromethane	2.	U	2.	U	11.	U	11.	U		
VOA	Bromomethane	2.	U	2.	U	11.	U	11.	U		
VOA	Vinyl chloride	2.	U	2.	U	11.	U	11.	U		
VOA	Chloroethane	2.	U	2.	U	11.	U	11.	U		
VOA	Methylene chloride	3.	U	2.	U	6.	U	5.	U		
VOA	Acetone	11.	U	5.	U	20.	U	24.	U		
VOA	Carbon disulfide	1.	U	1.	U	11.	U	11.	U		
VOA	1,1-Dichloroethene	8.		11.		66.		46.			
VOA	1,1-Dichloroethane	1.	U	1.	U	11.	U	11.	U		
VOA	1,2-Dichloroethene (total)	1.	U	1.	U	11.	U	11.	U		
VOA	Chloroform	1.	U	1.	U	11.	U	11.	U		
VOA	1,2-Dichloroethane	1.	U	1.	U	11.	U	11.	U		
VOA	2-Butanone (MEK)	5.	U	5.	U	11.	U	11.	U		
VOA	1,1,1-Trichloroethane	1.	U	1.	U	11.	U	11.	U		
VOA	Carbon tetrachloride	1.	U	1.	U	11.	U	11.	U		
VOA	Bromodichloromethane	1.	U	1.	U	11.	U	11.	U		
VOA	1,2-Dichloropropane	1.	U	1.	U	11.	U	11.	U		
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	11.	U	11.	U		
VOA	Trichloroethene	10.		11.		54.		55.			
VOA	Dibromochloromethane	1.	U	1.	U	11.	U	11.	U		
VOA	1,1,2-Trichloroethane	1.	U	1.	U	11.	U	11.	U		
VOA	Benzene	10.		10.		60.		60.			
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	11.	U	11.	U		
VOA	Bromoform	1.	U	1.	U	11.	U	11.	U		
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	11.	U	11.	U		
VOA	2-Hexanone	5.	U	5.	U	11.	U	11.	U		
VOA	Tetrachloroethene	1.	U	1.	U	11.	U	11.	U		
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	11.	U	11.	U		
VOA	Toluene	9.		10.		63.		63.			
VOA	Chlorobenzene	9.		10.		64.		66.			
VOA	Ethylbenzene	1.	U	1.	U	11.	U	11.	U		
VOA	styrene	1.	U	1.	U	11.	U	11.	U		
VOA	m+p-Xylenes	1.	U	1.	U	11.	U	11.	U		

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID →	034-F-FB22-00		034-F-FB23-00		034-E-SE21-00							
	ORIGINAL ID →	70FB22		70FB23		34SE21							
	LAB SAMPLE ID →	40364-004		40378-014		40364-001							
	ID FROM REPORT →	E52402		E52506		E52401							
	SAMPLE DATE →												
	DATE EXTRACTED →												
	DATE ANALYZED →												
	MATRIX →	Water		Water		Water							
	UNITS →	UG/L		UG/L		UG/L							
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL						
METAL	Cyanide	1.2	U	1.2	U	1.2	U						
METAL	Aluminum	17.2	U	17.2	U	17.2	U						
METAL	Antimony	8.8	U	8.8	U	8.8	U						
METAL	Arsenic	2.6	U	2.6	U	2.6	U						
METAL	Barium	1.6	U	1.6	U	2.6	J						
METAL	Beryllium	0.2	U	0.2	U	0.2	U						
METAL	Cadmium	1.3	U	1.3	U	1.3	U						
RTAL	Calcium	36.1	U	28.7	U	87.1	J						
METAL	Chromium	2.9	U	2.9	U	2.9	U						
METAL	Cobalt	2.3	U	2.3	U	2.3	U						
METAL	Copper	2.6	U	1.9	U	5.4	J						
METAL	Iron	199.		310.		87.6	J						
METAL	Lead	2.8		1.7		1.7	J						
METAL	Magnesium	20.4	U	20.4	U	20.4	U						
METAL	Manganese	1.1	U	1.5	U	0.69	J						
METAL	Mercury	0.1	U	0.1	U	0.1	U						
METAL	Nickel	6.2	U	6.2	U	6.2	U						
METAL	Potassium	595.	U	5%.	U	595.	U						
METAL	Selenium	2.6	U	2.6	U	2.6	U						
METAL	Silver	2.5	U	2.5	U	2.5	U						
METAL	Sodium	41.4	U	18.5	U	36.3	J						
RTAL	Thallium	2.1	U	2.1	U	4.5	J						
RTAL	Vanadium	2.8	U	2.8	U	2.8	U						
METAL	Zinc	8.4	U	11.4	U	7.6	J						

*** validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

SAMPLE ID ——>		034-F-FB22-00		034-E-SE21-00			
ORIGINAL ID ——>		70FB22		34SE21			
LAB SAMPLE ID ——>		40364-6		40364-3			
ID FROM REPORT ——>		E52402		E52401			
SAMPLE DATE ——>							
DATE EXTRACTED ——>		05/27/94		05/27/94			
DATE ANALYZED ——>		05/31/94		05/31/94			
MATRIX ——>		Water		Water			
UNITS ——>		UG/L		UG/L			
Method	Parameter	CT524	VAL	CT524	VAL		
PEST	alpha-BHC	0.052	U	0.057	U		
PEST	beta-BHC	0.052	U	0.057	U		
PEST	delta-BHC	0.052	U	0.057	U		
PEST	gamma-BHC (Lindane)	0.052	U	0.057	U		
?EST	Heptachlor	0.052	U	0.057	U		
?EST	Aldrin	0.052	U	0.057	U		
PEST	Heptachlor epoxide	0.052	U	0.057	U		
?EST	Endosulfan I	0.052	U	0.057	U		
PEST	Dieldrin	0.1	U	0.11	U		
PEST	4,4'-DDE	0.1	U	0.11	U		
PEST	Endrin	0.1	U	0.11	U		
PEST	Endosulfan II	0.1	U	0.11	U		
PEST	4,4'-DDD	0.1	U	0.11	U		
PEST	Endosulfan sulfate	0.1	U	0.11	U		
PEST	4,4'-DDT	0.1	U	0.11	U		
PEST	Methoxychlor	0.52	U	0.57	U		
PEST	Endrin ketone	0.1	U	0.11	U		
PEST	Endrin aldehyde	0.1	U	0.11	U		
PEST	alpha-Chlordane	0.052	U	0.057	U		
PEST	gamma-Chlordane	0.052	U	0.057	U		
EST		5.2	U	5.7	U		
PEST	Aroclor-1016	1.	U	1.1	U		
PEST	Aroclor-1221	2.1	U	2.3	U		
PEST	Aroclor-1232	1.	U	1.1	U		
PEST	Aroclor-1242	1.	U	1.1	U		
'EST	Aroclor-1248	1.	U	1.1	U		
PEST	Aroclor-1254	1.	U	1.1	U		
'EST	Aroclor-1260	1.	U	1.1	U		

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

SAMPLE ID →		034-F-FB22-00		034-F-FB23-00		034-F-FB24-W		034-E-SE21-00	
ORIGINAL ID →		70FB22		70FB23		70FB24		34SE21	
LAB SAMPLE ID →		40364-6		40378-6		40378-4		40364-3	
ID FROM REPORT →		E52402		E52506		E52504		E52401	
SAMPLE DATE →									
DATE EXTRACTED →		05/27/94		05/26/94		05/26/94		05/27/94	
DATE ANALYZED →		06/02/94		05/27/94		05/27/94		06/02/94	
MATRIX →		Water		Water		Water		Water	
UNITS →		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL
SVOA	Phenol	11.	U	11.	U	12.	U	11.	U
SVOA	bis(2-Chloroethyl)ether	11.	U	11.	U	12.	U	11.	U
SVOA	2-Chlorophenol	11.	U	11.	U	12.	U	11.	U
SVOA	1,3-Dichlorobenzene	11.	U	11.	U	12.	U	11.	U
SVOA	1,4-Dichlorobenzene	11.	U	11.	U	12.	U	11.	U
SVOA	1,2-Dichlorobenzene	11.	U	11.	U	12.	U	11.	U
SVOA	2-Methylphenol (o-Cresol)	11.	U	11.	U	12.	U	11.	U
SVOA	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U	12.	U	11.	U
SVOA	4-Rathy lphanal (p-Cresol)	11.	U	11.	U	12.	U	11.	U
SVOA	N-Nitroso-di-n-propylamine	11.	U	11.	U	12.	U	11.	U
SVOA	Hexachloroethane	11.	U	11.	U	12.	U	11.	U
SVOA	Nitrobenzene	11.	U	11.	U	12.	U	11.	U
SVOA	Isophorone	11.	U	11.	U	12.	U	11.	U
SVOA	2-Nitrophenol	11.	U	11.	U	12.	U	11.	U
SVOA	2,4-Dimethylphenol	11.	U	11.	U	12.	U	11.	U
SVOA	bis(2-Chloroethoxy)methane	11.	U	11.	U	12.	U	11.	U
SVOA	2,4-Dichlorophenol	11.	U	11.	U	12.	U	11.	U
SVOA	1,2,4-Trichlorobenzene	11.	U	11.	U	12.	U	11.	U
SVOA	Naphthalene	11.	U	11.	U	12.	U	11.	U
SVOA	4-Chloroaniline	11.	U	11.	U	12.	U	11.	U
SVOA	Hexachlorobutadiene	11.	U	11.	U	12.	U	11.	U
SVOA	4-Chloro-3-methylphenol	11.	U	11.	U	12.	U	11.	U
SVOA	2-Methylnaphthalene	11.	U	11.	U	12.	U	11.	U
SVOA	Hexachlorocyclopentadiene	11.	U	11.	U	12.	U	11.	U
SVOA	2,4,6-Trichlorophenol	11.	U	11.	U	12.	U	11.	U
SVOA	2,4,5-Trichlorophenol	21.	U	21.	U	29.	U	28.	U
SVOA	2-Chloronaphthalene	11.	U	11.	U	12.	U	11.	U
SVOA	2-Nitroaniline	27.	U	27.	U	29.	U	28.	U
SVOA	Dimethylphthalate	11.	U	11.	U	12.	U	11.	U
SVOA	Acenaphthylene	11.	U	11.	U	12.	U	11.	U
SVOA	2,6-Dinitrotoluene	11.	U	11.	U	12.	U	11.	U
SVOA	3-Nitroaniline	21.	U	27.	U	29.	U	28.	U
SVOA	Acenaphthene	11.	U	11.	U	12.	U	11.	U
SVOA	2,4-Dinitrophenol	27.	U	27.	U	29.	U	28.	U
SVOA	4-Nitrophenol	27.	U	27.	U	29.	U	28.	U
SVOA	Dibenzofuran	11.	U	11.	U	12.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	034-F-FB22-00		034-F-FB23-00		034-F-FB24-00		034-E-SE21-00			
	ORIGINAL ID ——>	70FB22		70FB23		70FB24		34SE21			
	LAB SAMPLE ID ——>	40364-6		40378-6		40378-4		40364-3			
	ID FROM REPORT ——>	E52402		E52506		E52504		E52401			
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>	05/27/94		05/26/94		05/26/94		05/27/94			
	DATE ANALYZED ——>	06/02/94		05/27/94		05/27/94		06/02/94			
	MATRIX ——>	Water		Water		Water		Water			
	UNITS ——>	UG/L		UG/L		UG/L		UG/L			
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL		
SVOA	2,4-Dinitrotoluene	11.	U	11.	U	12.	U	11.	U		
SVOA	Diethylphthalate	11.	U	11.	U	12.	U	11.	U		
SVOA	4-Chlorophenyl-phenylether	11.	U	11.	U	12.	U	11.	U		
SVOA	Fluorene	11.	U	11.	U	12.	U	11.	U		
SVOA	4-Nitroaniline	27.	U	27.	U	29.	U	28.	U		
SVOA	4,6-Dinitro-2-methylphenol	27.	U	27.	U	29.	U	28.	U		
SVOA	N-Nitrosodiphenylamine	11.	U	11.	U	12.	U	11.	U		
SVOA	4-Bromophenyl-phenylether	11.	U	11.	U	12.	U	11.	U		
SVOA	Hexachlorobenzene	11.	U	11.	U	12.	U	11.	U		
SVOA	Pentachlorophenol	27.	U	27.	U	29.	U	28.	U		
SVOA	Phenanthrene	11.	U	11.	U	12.	U	11.	U		
SVOA	Anthracene	11.	U	11.	U	12.	U	11.	U		
SVOA	Carbazole	11.	U	11.	U	12.	U	11.	U		
SVOA	Di-n-butylphthalate	11.	U	11.	U	12.	U	11.	U		
SVOA	Fluoranthene	11.	U	11.	U	12.	U	11.	U		
SVOA	Pyrene	11.	U	11.	U	12.	U	11.	U		
SVOA	Butylbenzylphthalate	11.	U	11.	U	12.	U	11.	U		
SVOA	3,3'-Dichlorobenzidine	11.	U	11.	U	12.	U	11.	U		
SVOA	Benzo(a)anthracene	11.	U	11.	U	12.	U	11.	U		
SVOA	Chrysene	11.	U	11.	U	12.	U	11.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U	12.	U	11.	U		
SVOA	Di-n-octylphthalate	11.	U	11.	U	12.	U	11.	U		
SVOA	Benzo(b)fluoranthene	11.	U	11.	U	12.	U	11.	U		
SVOA	Benzo(k)fluoranthene	11.	U	11.	U	12.	U	11.	U		
SVOA	Benzo(a)pyrene	11.	U	11.	U	12.	U	11.	U		
SVOA	Indeno(1,2,3-cd)pyrene	11.	U	11.	U	12.	U	11.	U		
SVOA	Dibenzo(a,h)anthracene	11	U	11	U	12.	U	11.	U		
SVOA	Benzo(g,h,i)perylene	11	U	11	U	12.	U	11.	U		

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID →	034-F-FB22-00		034-F-FB23-00		034-F-FB24-00		034-E-SE21-00	
	ORIGINAL ID →	70FB22		70FB23		70FB24		34SE21	
	LAB SAMPLE ID →	40364-8		40378-7		40378-9		40364-7	
	ID FROM REPORT →	E52402		E52506		E52504		E52401	
	SAMPLE DATE →								
	DATE EXTRACTED →								
	DATE ANALYZED →	06/03/94		06/03/94		06/03/94		06/03/94	
	MATRIX →	Water		Water		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL
VOA	Chloromethane	10.	U	10.	U	10.	U	10.	U
VOA	Bromomethane	10.	U	10.	U	10.	U	10.	U
VOA	Vinyl chloride	10.	U	10.	U	10.	U	10.	U
VOA	Chloroethane	10.	U	10.	U	10.	U	10.	U
VOA	Methylene chloride	10.	U	10.	U	10.	U	10.	U
VOA	Acetone	10.	U	10.	U	10.	U	10.	U
VOA	Carbon dirulfide	10.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U
VOA	Chloroform	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U
VOA	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U
VOA	Trichloroethene	10.	U	10.	U	10.	U	10.	U
VOA	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U
VOA	Benzene	10.	U	10.	U	10.	U	10.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U
VOA	Bromoform	10.	U	10.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U
VOA	2-Hexanone	10.	U	10.	U	10.	U	10.	U
VOA	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U
VOA	Toluene	10.	U	10.	U	10.	U	10.	U
VOA	Chlorobenzene	10.	U	10.	U	10.	U	10.	U
VOA	Ethylbenzene	10.	U	10.	U	10.	U	10.	U
VOA	Styrene	10.	U	10.	U	10.	U	10.	U
VOA	m+p-Xylenes	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID →	034-T-GT21-00		034-T-GT22-00		034-T-ST21-00				
	ORIGINAL ID →	34GT21		34GT22		34ST21				
	LAB SAMPLE ID →	40364-9		40378-13		40364-29				
	ID FROM REPORT →	E52409		E52507		E52420				
	SAMPLE DATE →									
	DATE EXTRACTED →									
	DATE ANALYZED →	06/03/94		06/03/94		06/03/94				
	MATRIX →	Water		Water		Water				
	UNITS →	UG/L		UG/L		UG/L				
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL			
VOA	Chloromethane	10.	U	10.	U	10.	U			
VOA	Bromomethane	10.	U	10.	U	10.	U			
VOA	Vinyl chloride	10.	U	10.	U	10.	U			
VOA	Chloroethane	10.	U	10.	U	10.	U			
VOA	Methylene chloride	8.	J	10.	U	10.	U			
VOA	Acetone	10.	U	10.	U	10.	U			
VOA	Carbon disulfide	10.	U	10.	U	10.	U			
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U			
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U			
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U			
VOA	Chloroform	10.	U	10.	U	10.	U			
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U			
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U			
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U			
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U			
VOA	Bromodichloromethane	10.	U	10.	U	10.	U			
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U			
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U			
VOA	Trichloroethene	10.	U	10.	U	10.	U			
VOA	Dibromochloromethane	10.	U	10.	U	10.	U			
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U			
VOA	Benzene	10.	U	10.	U	10.	U			
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U			
VOA	Bromoform	10.	U	10.	U	10.	U			
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U			
VOA	2-Hexanone	10.	U	10.	U	10.	U			
VOA	Tetrachloroethene	10.	U	10.	U	10.	U			
VOA	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U			
VOA	Toluene	10.	U	10.	U	10.	U			
VOA	Chlorobenzene	10.	U	10.	U	10.	U			
VOA	Ethylbenzene	10.	U	10.	U	10.	U			
VOA	Styrene	10.	U	10.	U	10.	U			
VOA	m+p-Xylenes	10.	U	10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

SAMPLE ID ——>		BLK-W-PBLK-16		BLK-W-PBLK-17		BLK-W-PIBL-R1		BLK-W-PIBL-R2		BLK-W-PIBL-RG		BLK-W-PIBL-RH	
ORIGINAL ID ——>		PBLK16		PBLK17		PIBLKR1		PIBLKR2		PIBLKRG		PIBLKRH	
LAB SAMPLE ID ——>		BP3932A		BP3931C		PIBLKR1		PIBLKR2		PIBLKRG		PIBLKRH	
ID FROM REPORT ——>		PBLK16		PBLK17		PIBLKR1		PIBLKR2		PIBLKRG		PIBLKRH	
SAMPLE DATE ——>													
DATE EXTRACTED ——>		05/26/94		05/27/94									
DATE ANALYZED ——>		05/28/94		05/31/94		05/19/94		05/21/94		05/28/94		05/28/94	
MATRIX ——>		Soil		Water		Water		Water		Water		Water	
UNITS ——>		UG/KG		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL	CT524	VAL
PEST	alpha-BHC	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	beta-BHC	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	delta-BHC	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	gamma-BHC (Lindane)	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Heptachlor	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Aldrin	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Heptachlor epoxide	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endosulfan I	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Dieldrin	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	4,4'-DDE	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endosulfan II	.3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	4,4'-DDD	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endosulfan sulfate	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	4,4'-DDT	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Methoxychlor	17.	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Endrin ketone	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin aldehyde	3.3	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	alpha-Chlordane	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	gamma-Chlordane	1.7	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Toxaphene	170.	U	5.	U	5.	U	5.	U	5.	U	5.	U
PEST	Aroclor-1016	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1221	67.	U	2.	U	2.	U	2.	U	2.	U	2.	U
PEST	Aroclor-1232	a.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1242	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1248	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1254	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1260	33.	U	1.	U	1.	U	1.	U	1.	U	1.	U

+++ Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	BLK-W-PIBL-RI		BLK-W-PIBL-RM		BLK-W-PIBL-RN							
	ORIGINAL ID ——>	PIBLKRI		PIBLKRM		PIBLKRN							
	LAB SAMPLE ID ——>	PIBLKRI		PIBLKRM		PIBLKRN							
	ID FROM REPORT ——>	PIBLKRI		PIBLKRM		PIBLKRN							
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	05/29/94		05/31/94		05/31/94							
	MATRIX ——>	Water		Water		Water							
	UNITS ——>	UG/L		UG/L		UG/L							
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL						
PEST	alpha-BHC	0.05	U	0.05	U	0.05	U						
PEST	beta-BHC	0.05	U	0.05	U	0.05	U						
PEST	delta-BHC	0.05	U	0.05	U	0.05	U						
PEST	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U						
PEST	Heptachlor	0.05	U	0.05	U	0.05	U						
PEST	Aldrin	0.05	U	0.05	U	0.05	U						
PEST	Heptachlor epoxide	0.05	U	0.05	U	0.005	J						
PEST	Endosulfan I	0.05	U	0.05	U	0.05	U						
PEST	Dieldrin	0.1	U	0.1	U	0.1	U						
PEST	4,4'-DDE	0.1	U	0.1	U	0.1	U						
PEST	Endrin	0.1	U	0.1	U	0.1	U						
PEST	Endosulfan II	0.1	U	0.1	U	0.1	U						
PEST	4,4'-DDD	0.1	U	0.1	U	0.1	U						
PEST	Endosulfan sulfate	0.1	U	0.1	U	0.1	U						
PEST	4,4'-DDT	0.1	U	0.1	U	0.1	U						
PEST	Methoxychlor	0.5	U	0.5	U	0.5	U						
PEST	Mrin ketone	0.1	U	0.1	U	0.1	U						
PEST	Endrin aldehyde	0.1	U	0.1	U	0.1	U						
PEST	alpha-Chlordane	0.05	U	0.05	U	0.05	U						
PEST	gamma-Chlordane	0.05	U	0.05	U	0.05	U						
PEST	Toxaphene	5.	U	5.	U	5.	U						
PEST	Aroclor-1016	1.	U	1.	U	1.	U						
PEST	Aroclor-1221	2.	U	2.	U	2.	U						
PEST	Aroclor-1232	1.	U	1.	U	1.	U						
PEST	Aroclor-1242	1.	U	1.	U	1.	U						
PEST	Aroclor-1248	1.	U	1.	U	1.	U						
PEST	Aroclor-1254	1.	U	1.	U	1.	U						
PEST	Aroclor-1260	1.	U	1.	U	1.	U						

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID →	BLK-W-SBLK-HW		BLK-W-SBLK-HX		BLK-W-SBLK-HZ					
	ORIGINAL to →	SBLKHW		SBLKHX		SBLKHZ					
	LAB SAMPLE ID →	BA1981A		BA1979A		BA1981B					
	ID FROM REPORT →	SBLKHW		SBLKHX		SBLKHZ					
	SAMPLE DATE →										
	DATE EXTRACTED →	05/26/94		05/25/94		05/27/94					
	DATE ANALYZED →	05/27/94		05/27/94		06/02/94					
	MATRIX →	Water		Soil		Water					
	UNITS →	UG/L		UG/KG		UG/L					
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL				
SVOA	Phenol	5.	U	330.	U	10.	U				
SVOA	bis(2-Chloroethyl)ether	5.	U	330.	U	10.	U				
SVOA	2-Chlorophenol	5.	U	330.	U	10.	U				
SVOA	1,3-Dichlorobenzene	5.	U	330.	U	10.	U				
SVOA	1,4-Dichlorobenzene	5.	U	330.	U	10.	U				
SVOA	1,2-Dichlorobenzene	5.	U	330.	U	10.	U				
SVOA	2-Methylphenol (o-Cresol)	5.	U	330.	U	10.	U				
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	330.	U	10.	U				
SVOA	4-Methylphenol (p-Cresol)	5.	U	330.	U	10.	U				
SVOA	N-Nitroso-di-n-propylamine	5.	U	330.	U	10.	U				
SVOA	Hexachloroethane	5.	U	330.	U	10.	U				
SVOA	Nitrobenzene	5.	U	330.	U	10.	U				
SVOA	Isophorone	5.	U	330.	U	10.	U				
SVOA	2-Nitrophenol	5.	U	330.	U	10.	U				
SVOA	2,4-Dimethylphenol	5.	U	330.	U	10.	U				
SVOA	bis(2-Chloroethoxy)methane	5.	U	330.	U	10.	U				
SVOA	2,4-Dichlorophenol	5.	U	330.	U	10.	U				
SVOA	1,2,4-Trichlorobenzene	5.	U	330.	U	10.	U				
SVOA	Naphthalene	5.	U	330.	U	10.	U				
SVOA	4-Chloroaniline	5.	U	330.	U	10.	U				
SVOA	Hexachlorobutadiene	5.	U	330.	U	10.	U				
SVOA	4-Chloro-3-methylphenol	5.	U	330.	U	10.	U				
SVOA	2-Methylnaphthalene	5.	U	330.	U	10.	U				
SVOA	Hexachlorocyclopentadiene	5.	U	330.	U	10.	U				
SVOA	2,4,6-Trichlorophenol	5.	U	330.	U	10.	U				
SVOA	2,4,5-Trichlorophenol	12.	U	800.	U	25.	U				
SVOA	2-Chloronaphthalene	5.	U	330.	U	10.	U				
SVOA	2-Nitroaniline	12.	U	800.	U	25.	U				
SVOA	Dimethylphthalate	5.	U	330.	U	10.	U				
SVOA	Acenaphthylene	5.	U	330.	U	10.	U				
SVOA	2,6-Dinitrotoluene	5.	U	330.	U	10.	U				
SVOA	3-Nitroaniline	12.	U	800.	U	25.	U				
SVOA	Acenaphthene	5.	U	330.	U	10.	U				
SVOA	2,4-Dinitrophenol	12.	U	800.	U	25.	U				
SVOA	4-Nitrophenol	12.	U	800.	U	25.	U				
SVOA	Dibenzofuran	5.	U	330.	U	10.	U				

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID ——>	BLK-U-SBLK-HW		BLK-U-SBLK-HX		BLK-U-SBLK-HZ					
	ORIGINAL ID ——>	SBLKHW		SBLKHX		SBLKHZ					
	LAB SAMPLE ID ——>	BA1981A		BA1979A		BA1981B					
	ID FROM REPORT ——>	SBLKHW		SBLKHX		SBLKHZ					
	SAMPLE DATE ——>										
	DATE EXTRACTED ——>	05/26/94		05/25/94		05/27/94					
	DATE ANALYZED ——>	05/27/94		05/27/94		06/02/94					
	MATRIX ——>	Water		Soil		Water					
	UNITS ——>	UG/L		UG/KG		UG/L					
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL				
SVOA	2,4-Dinitrotoluene	5.	U	330.	U	10.	U				
SVOA	Diethylphthalate	5.	U	330.	U	10.	U				
SVOA	4-Chlorophenyl-phenylether	5.	U	330.	U	10.	U				
SVOA	Fluorene	5.	U	330.	U	10.	U				
SVOA	4-Nitroaniline	12.	U	800.	U	25.	U				
SVOA	4,6-Dinitro-2-methylphenol	12.	U	800.	U	25.	U				
SVOA	N-Nitrosodiphenylamine	5.	U	330.	U	10.	U				
SVOA	4-Bromophenyl-phenylether	5.	U	330.	U	10.	U				
SVOA	Hexachlorobenzene	5.	U	330.	U	10.	U				
SVOA	Pentachlorophenol	12.	U	800.	U	2s.	U				
SVOA	Phenanthrene	5.	U	330.	U	10.	U				
SVOA	Anthracene	5.	U	330.	U	10.	U				
SVOA	Carbazole	5.	U	330.	U	10.	U				
SVOA	Di-n-butylphthalate	5.	U	330.	U	10.	U				
SVOA	Fluoranthene	5.	U	330.	U	10.	U				
SVOA	Pyrene	5.	U	330.	U	10.	U				
SVOA	Butylbenzylphthalate	5.	U	330.	U	10.	U				
SVOA	3,3'-Dichlorobenzidine	5.	U	330.	U	10.	U				
SVOA	Benzo(a)anthracene	5.	U	330.	U	10.	U				
SVOA	Chrysene	5.	U	330.	U	10.	U				
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	330.	U	10.	U				
SVOA	Di-n-octylphthalate	5.	U	330.	U	10.	U				
SVOA	Benzo(b)fluoranthene	5.	U	330.	U	10.	U				
SVOA	Benzo(k)fluoranthene	5.	U	330.	U	10.	U				
SVOA	Benzo(a)pyrene	5.	U	330.	U	10.	U				
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	330.	U	10.	U				
SVOA	Dibenzo(a,h)anthracene	S.	U	330.	U	10.	U				
SVOA	Benzo(g,h,1)perylene	5.	U	330.	U	10.	U				

PENSACOLA, SITE 34
PENSACOLA, SITE 34, CAT 5, PHASE 2

	SAMPLE ID →	BLK-W-VBLK-CX		BLK-E-VBLK-GC		BLK-W-VBLK-GD						
	ORIGINAL ID →	VBLKCX		VBLKGC		VBLKGD						
	LAB SAMPLE ID →	BC052794B		BG060294A		BG060394A						
	ID FROM REPORT →	VBLKCX		VBLKGC		VBLKGD						
	SAMPLE DATE →											
	DATE EXTRACTED →											
	MIE ANALYZED →	05/27/94		06/02/94		06/03/94						
	MATRIX →	Soil		Water		Water						
	UNITS →	UG/KG		UG/L		UG/L						
Method	Parameter	CT524	VAL	CT524	VAL	CT524	VAL					
VOA	Chloromethane	10.	U	2.	U	10.	U					
VOA	Bromomethane	10.	U	2.	U	10.	U					
VOA	Vinyl chloride	10.	U	2.	U	10.	U					
VOA	Chloroethane	10.	U	2.	U	10.	U					
VOA	Methylene chloride	1.	J	3.	J	10.	U					
VOA	Acetone	10.	U	5.	U	10.	U					
VOA	Carbon disulfide	10.	U	1.	U	10.	U					
VOA	1,1-Dichloroethene	10.	U	1.	U	10.	U					
VOA	1,1-Dichloroethane	10.	U	1.	U	10.	U					
VOA	1,2-Dichloroethene (total)	10.	U	1.	U	10.	U					
VOA	Chloroform	10.	U	1.	U	10.	U					
VOA	1,2-Dichloroethane	10.	U	1.	U	10.	U					
VOA	2-Butanone (MEK)	10.	U	5.	U	10.	U					
VOA	1,1,1-Trichloroethane	10.	U	1.	U	10.	U					
VOA	Carbon tetrachloride	10.	U	1.	U	10.	U					
VOA	Bromodichloromethane	10.	U	1.	U	10.	U					
VOA	1,2-Dichloropropane	10.	U	1.	U	10.	U					
VOA	cis-1,3-Dichloropropene	10.	U	1.	U	10.	U					
VOA	Trichloroethene	10.	U	1.	U	10.	U					
VOA	Dibromochloromethane	10.	U	1.	U	10.	U					
VOA	1,1,2-Trichloroethane	10.	U	1.	U	10.	U					
VOA	Benzene	10.	U	1.	U	10.	U					
VOA	trans-1,3-Dichloropropene	10.	U	1.	U	10.	U					
VOA	Bromoform	10.	U	1.	U	10.	U					
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	5.	U	10.	U					
VOA	2-Hexanone	10.	U	5.	U	10.	U					
VOA	Tetrachloroethene	10.	U	1.	U	10.	U					
VOA	1,1,2,2-Tetrachloroethane	10.	U	1.	U	10.	U					
VOA	Toluene	10.	U	1.	U	10.	U					
VOA	Chlorobenzene	10.	U	1.	U	10.	U					
VOA	Ethylbenzene	10.	U	1.	U	10.	U					
VOA	Styrene	10.	U	1.	U	10.	U					
VOA	m+p-Xylenes	10.	U	1.	U	10.	U					

*** Validation Complete ***

PENSACOW, SITE 34
PBNSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0010-02 MS		034-S-0010-02 MSD		034-G-GM61-02 MS		034-G-GM61-02 MSD			
	ORIGINAL ID ——>	34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD			
	LAB SAMPLE ID ——>	677497MS		677488MSD		669105MS		669106MSD			
	ID FROM REPORT ——>	34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD			
	SAMPLE DATE ——>					12/15/94		12/15/94			
	DATE EXTRACTED ——>	01/19/95		01/19/95		12/20/94		12/20/94			
	DATE ANALYZED ——>	01/25/95		01/25/95		12/27/94		12/27/94			
	MATRIX ——>	Soil		Soil		Water		Mater			
	UNITS ——>	UG/KG		UG/KG		UG/L		UG/L			
Method	Parameter	00002	VAL	00002	VAL	0019L	VAL	0019L	VAL		
PEST	alpha-BHC	1.7	U	1.7	U	0.01	U	0.01	U		
?EST	beta-BHC	1.7	U	1.7	U	0.01	U	0.01	U		
PEST	delta-BHC	1.7	U	1.7	U	0.01	U	0.0024	J		
PEST	gamma-BHC (Lindane)	12.		11.		0.062		0.051			
PEST	Heptachlor	13.		12.		0.0009	J	0.0005	J		
PEST	Aldrin	12.		11.		0.0004	J	0.01	U		
PEST	Heptachlor epoxide	1.7	U	0.06	J	0.071		0.063			
PEST	Endosulfan I	1.7	U	1.7	U	0.01	U	0.01	U		
PEST	Dieldrin	27.		24.		0.15		0.13			
PEST	4,4'-DDE	0.095	J	3.4	U	0.14		0.12			
PEST	Endrin	25.		22.		0.15		0.13			
?EST	Endosulfan II	3.4	U	3.4	U	0.0007	J	0.02	U		
PEST	4,4'-DDD	0.2	J	0.17	J	0.02	U	0.02	U		
PEST	Endosulfan sulfate	0.11	J	0.1	J	0.14		0.13			
PEST	4,4'-DDT	26.		24.		0.02	U	0.02	U		
PEST	Methoxychlor	0.2	J	0.21	J	0.1	U	0.1	U		
PEST	Endrin ketone	0.21	J	0.4	J	0.0055	J	0.0055	J		
?EST	Endrln aldehyde	0.32	J	0.32	J	0.0013	J	0.0011	J		
PEST	alpha-Chlordane	1.7	U	1.7	U	0.01	U	0.01	U		
PEST	gamma-Chlordane	0.12	J	1.7	U	0.07		0.062			
?EST	Toxaphene	170.	U	170.	U	1.	U	1.	U		
PEST	Aroclor-1016	34.	U	34.	U	0.2	U	0.2	U		
PEST	Aroclor-1221	69.	U	68.	U	0.4	U	0.4	U		
PEST	Aroclor-1232	34.	U	34.	U	0.2	U	0.2	U		
PEST	Aroclor-1242	34.	U	34.	U	0.2	U	0.2	U		
PEST	Aroclor-1248	34.	U	34.	U	0.2	U	0.2	U		
PEST	Aroclor-1254	34.	U	34.	U	0.2	U	0.2	U		
PEST	Aroclor-1260	34.	U	34.	U	0.2	U	0.2	U		
PEST	2,4-D	NR		NR		NR		NR			
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR			
PEST	2,4,5-T	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID →		034-S-0010-02 MS		034-S-0010-02 MSD		034-G-GM61-02 MS		034-G-GM61-02 MSD		
ORIGINAL ID →		34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD		
LAB SAMPLE ID →		677494MS		677495MSD		669102MS		669103MSD		
ID FROM REPORT →		34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD		
SAMPLE DATE →						12/15/94		12/15/94		
DATE EXTRACTED →		01/21/95		01/21/95		12/20/94		12/20/94		
DATE ANALYZED →		01/24/95		01/24/95		12/22/94		12/22/94		
MATRIX →		Soil		Soil		Water		Water		
UNITS →		UG/KG		UG/KG		UG/L		UG/L		
Method	Parameter	00002	VAL	00002	VAL	0019L	VAL	0019L	VAL	
SVOA	Phcnol	3200.		3100.		33.		34.		
SVOA	bis(2-Chloroethyl)ether	400.	U	400.	U	17.		19.		
SVOA	2-Chlorophenol	3100.		3000.		34.		37.		
SVOA	1,3-Dichlorobenzene	400.	U	400.	U	NR		NR		
SVOA	1,4-Dichlorobenzene	1700.		1700.		NR		NR		
SVOA	1,2-Dichlorobenzene	400.	U	400.	U	NR		NR		
SVOA	2-Methylphenol (o-Cresol)	400.	U	400.	U	5.	U	5.	U	
SVOA	2,2'-oxybis(1-Chloropropane)	400.	U	400.	U	5.	U	5.	U	
SVOA	4-Methylphenol (p-Cresol)	400.	U	400.	U	5.	U	5.	U	
SVOA	N-Nitroso-di-n-propylamine	1600.		1600.		17.		19.		
SVOA	Hexachloroethane	400.	U	400.	U	15.		18.		
SVOA	Nitrobenzene	400.	U	400.	U	5.	U	5.	U	
SVOA	Isophorone	400.	U	400.	U	17.		19.		
SVOA	2-Nitrophenol	400.	U	400.	U	5.	U	5.	U	
SVOA	2,4-Dimethylphenol	400.	U	400.	U	5.	U	5.	U	
SVOA	bis(2-Chloroethoxy)methane	400.	U	400.	U	5.	U	5.	U	
SVOA	2,4-Dichlorophenol	400.	U	400.	U	5.	U	5.	U	
SVOA	1,2,4-Trichlorobenzene	2100.		2000.		17.		20.		
SVOA	Naphthalene	400.	U	400.	U	18.		20.		
SVOA	4-Chloroaniline	400.	U	400.	U	15.		39.		
SVOA	Hexachlorobutadiene	400.	U	400.	U	5.	U	5.	U	
SVOA	4-Chloro-3-methylphenol	3100.		3200.		5.	U	5.	U	
SVOA	2-Methylnaphthalene	400.	U	400.	U	5.	U	5.	U	
SVOA	Hexachlorocyclopentadiene	400.	U	400.	U	5.	U	5.	U	
SVOA	2,4,6-Trichlorophenol	400.	U	400.	U	29.		32.		
SVOA	2,4,5-Trichlorophenol	960.	U	960.	U	20.	U	20.	U	
SVOA	2-Chloronaphthalene	400.	U	400.	U	5.	U	5.	U	
SVOA	2-Nitroaniline	960.	U	960.	U	20.	U	20.	U	
SVOA	Dimethylphthalate	400.	U	400.	U	5.	U	5.	U	
SVOA	Acenaphthylene	400.	U	400.	U	5.	U	5.	U	
SVOA	2,6-Dinitrotoluene	400.	U	400.	U	5.	U	5.	U	
SVOA	3-Nitroaniline	960.	U	960.	U	20.	U	20.	U	
SVOA	Acenaphthene	1900.		1900.		5.	U	5.	U	
SVOA	2,4-Dinitrophenol	960.	U	960.	U	20.	U	20.	U	
SVOA	4-Nitrophenol	2000.		2100.		20.	U	20.	U	
SVOA	Dibenzofuran	400.	U	400.	U	5.	U	5.	U	

*** Validation Complete *++

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0010-02 ns		034-S-0010-02 MSD		034-G-GM61-02 MS		034-G-GM61-02 MSD			
	ORIGINAL ID ——>	34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD			
	LAB SAMPLE ID ——>	677494MS		677495MSD		669102MS		669103MSD			
	ID FROM REPORT ——>	34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD			
	SAMPLE DATE ——>					12/15/94		12/15/94			
	DATE EXTRACTED ——>	01/21/95		01/21/95		12/20/94		12/20/94			
	DATE ANALYZED ——>	01/24/95		01/24/95		12/22/94		12/22/94			
	MATRIX ——>	Soil		soil		Water		Water			
	UNITS ——>					UG/L		UG/L			
Method	Parameter	00002	VAL	00002	VAL	0019L	VAL	0019L	VAL		
SVOA	2,4-Dinitrotoluene	1600.		1900.		11.		11.			
SVOA	Dirthylphthalate	400.	U	400.	U	19.		20.			
WON	4-Chlorophenyl-phenylether	400.	U	400.	U	5.	U	5.	U		
SVOA	Fluorene	400.	U	400.	U	5.	U	5.	U		
SVOA	4-Nitroanilim	960.	U	960.	U	20.	U	20.	U		
SVOA	4,6-Dinitro-2-methylphenol	960.	U	960.	U	20.	U	20.	U		
SVOA	N-Nitrosodiphenylamine	400.	U	400.	U	16.		21.			
SVOA	4-Bromophenyl-phenylether	400.	U	400.	U	5.	U	5.	U		
SVOA	Hexachlorobenzene	400.	U	400.	U	18.		22.			
SVOA	Pentachlorophenol	2400.		2800.		20.	U	20.	U		
SVOA	Phenanthrene	400.	U	400.	U	5.	U	5.	U		
SVOA	Anthracene	400.	U	400.	U	5.	U	5.	U		
SVOA	Carbazole	400.	U	400.	U	NR		NR			
SVOA	Di-n-butylphthalate	400.	U	400.	U	5.	U	5.	U		
SVOA	Fluoranthene	400.	U	400.	U	5.	U	5.	U		
SVOA	Pyrene	1800.		2000.		5.	U	5.	U		
SVOA	Butylbenzylphthalate	400.	U	400.	U	5.	U	5.	U		
SVOA	3,3'-Dichlorobenzidine	400.	U	400.	U	5.	U	5.	U		
SVOA	Benzo(a)anthracene	400.	U	400.	U	5.	U	5.	U		
SVOA	Chrysene	400.	U	400.	U	5.	U	5.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	400.	U	5.	U	5.	U		
SVOA	Di-n-octylphthalate	400.	U	400.	U	5.	U	5.	U		
SVOA	Benzo(b)fluoranthene	400.	U	400.	U	5.	U	5.	U		
SVOA	Benzo(k)fluoranthene	400.	U	400.	U	5.	U	5.	U		
SVOA	Benzo(a)pyrene	400.	U	400.	U	16.		18.			
SVOA	Indeno(1,2,3-cd)pyrene	400.	U	400.	U	5.	U	5.	U		
SVOA	Dibenzo(a,h)anthracene	400.	U	400.	U	5.	U	5.	U		
SVOA	Benzo(g,h,i)perylene	400.	U	400.	U	5.	U	5.	U		

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	034-S-0010-02 MS		034-S-0010-02 MSD		034-G-GM61-02 MS		034-G-GM61-02 MSD			
	ORIGINAL ID →	34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD			
	LAB SAMPLE ID →	677489MS		677490MSD		669099MS		669100MSD			
	ID FROM REPORT →	34S001002MS		34S001002MSD		34GGM6102MS		34GGM6102MSD			
	SAMPLE DATE →					12/15/94		12/15/94			
	DATE EXTRACTED →										
	DATE ANALYZED →	01/22/95		01/22/95		12/18/94		12/18/94			
	MATRIX →	Soil		Soil		Water		Water			
	UNITS →	UG/KG		UG/KG		UG/L		UG/L			
Method	Parameter	00002	VAL	00002	VAL	0019L	VAL	0019L	VAL		
VOA	Chloromethane	12.	U	12.	U	1.	U	1.	U		
VOA	Bromomethane	12.	U	12.	U	1.	U	1.	U		
VOA	Vinyl chloride	12.	U	12.	U	4.		4.			
VOA	Chloroethane	12.	U	12.	U	1.	U	1.	U		
VOA	Methylene chloride	18.	U	16.	U	2.	U	2.			
VOA	Acetone	38.	U	36.	U	5.	U	5.	U		
VOA	Carbon disulfide	12.	U	12.	U	1.	U	1.	U		
VOA	1,1-Dichloroethene	71.		70.		1.	U	1.	U		
VOA	1,1-Dichloroethane	12.	U	12.	U	1.	U	1.	U		
VOA	cia-1,2-Dichloroethylene	NR		NR		1.	U	1.	U		
VOA	Ethene, 1,2-dichloro-, (E)-	NR		NR		1.	U	1.	U		
VOA	Chloroform	12.	U	12.	U	1.	U	1.	U		
VOA	1,2-Dichloroethane	12.	U	12.	U	5.		7.			
VOA	2-Butanone (MEK)	12.	U	12.	U	5.	U	5.	U		
VOA	Chlorobromomethane	NR		NR		1.	U	1.	U		
VOA	1,1,1-Trichloroethane	12.	U	12.	U	1.	U	1.	U		
VOA	Carbon tetrachloride	12.	U	12.	U	6.		6.			
VOA	Bromodichloromethane	12.	U	12.	U	1.	U	1.	U		
VOA	1,2-Dichloropropane	12.	U	12.	U	6.		6.			
VOA	cis-1,3-Dichloropropene	12.	U	12.	U	5.		6.			
VOA	Trichloroethene	50.		51.		6.		6.			
VOA	Dibromochloromethane	12.	U	12.	U	1.	U	1.	U		
VOA	1,1,2-Trichloroethane	12.	U	12.	U	5.		7.			
VOA	Benzene	57.		58.		6.		6.			
VOA	trans-1,3-Dichloropropene	12.	U	12.	U	1.	U	1.	U		
VOA	Bromoform	12.	U	12.	U	5.		6.			
VOA	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	5.	U	5.	U		
VOA	2-Hexanone	12.	U	12.	U	5.	U	5.	U		
VOA	Tetrachloroethene	12.	U	12.	U	6.		5.			
VOA	1,1,2,2-Tetrachloroethane	12.	U	12.	U	1.	U	1.	U		
VOA	Ethylene dibromide	NR		NR		4.		6.			
VOA	Toluene	70.		66.		1.	U	1.	U		
VOA	Chlorobenzene	54.		55.		1.	U	1.	U		
VOA	Ethylbenzene	12.	U	12.	U	1.	U	1.	U		
VOA	Styrene	12.	U	12.	U	1.	U	1.	U		
VOA	m+p-Xylenes	12.	U	12.	U	1.	U	1.	U		

** Validation Complete ***

PBNSACOLA, SITE 34
PBNSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	034-S-0010-02 MS	034-S-0010-02 MSD	034-G-GM61-02 MS	034-G-GM61-02 MSD		
	ORIGINAL ID ——>	34S001002MS	34S001002MSD	34GGM6102MS	34GGM6102MSD		
	LAB SAMPLE ID ——>	677489MS	677490MSD	669099MS	669100MSD		
	ID FROM REPORT ——>	34S001002MS	34S001002MSD	34GGM6102MS	34GGM6102MSD		
	SAMPLE DATE ——>			12/15/94	12/15/94		
	DATE EXTRACTED ——>						
	DATE ANALYZED ——>	01/22/95	01/22/95	12/18/94	12/18/94		
	MATRIX ——>	Soil	Soil	Water	Water		
	UNITS ——>	UG/KG	UG/KG	UG/L	UG/L		
Method	Parameter	00002 VAL	00002 VAL	0019L VAL	0019L VAL		
VOA	1,3-Dichlorobenzene	NR	NR	1. U	1. U		
VOA	1,4-Dichlorobenzene	NR	NR	5.	5.		
VOA	1,2-Dichlorobenzene	NR	NR	1. U	1. U		
VOA	DBCP	NR	NR	1. U	1. U		
VOA	1,2-Dichloroethene (total)	12. U	12. U	NR	NR		

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	034-T-0001-01					
	ORIGINAL ID →	034T000101					
	LAB SAMPLE ID →	677481					
	ID FROM REPORT →	34T000101					
	SAMPLE DATE →	01/17/95					
	DATE EXTRACTED →						
	DATE ANALYZED →	01/18/95					
	MATRIX →	Mater					
	UNITS →	UG/L					
Method	Parameter	00001	VAL				
VOA	Chloromethane	10.	U				
VOA	Bromomethane	10.	U				
VOA	Vinyl chloride	10.	U				
VOA	Chloroethane	10.	U				
VOA	Methylene chloride	2.	J				
VOA	Acetone	10.	U				
VOA	Carbon dirulfide	10.	U				
VOA	1,1-Dichloroethene	10.	U				
VOA	1,1-Dichloroethane	10.	U				
VOA	cis-1,2-Dichloroethylene	NR					
VOA	Ethene, 1,2-dichloro-, (E)-	NR					
VOA	Chloroform	10.	U				
VOA	1.2-Di chloroethane	10.	U				
VOA	2-Butanone (MEK)	10.	U				
VOA	Chlorobromomethane	NR					
VOA	1,1,1-Trichloroethane	10.	U				
VOA	Carbon tetrachloride	10.	U				
VOA	Bromodichloromethane	10.	U				
VOA	1,2-Dichloropropane	10.	U				
VOA	cis-1,3-Dichloropropene	10.	U				
VOA	Trichloroethene	10.	U				
VOA	Dibromochloromethane	10.	U				
VOA	1,1,2-Trichloroethane	10.	U				
VOA	Benzene	10.	U				
VOA	trans-1,3-Dichloropropene	10.	U				
VOA	Bromoform	10.	U				
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U				
VOA	2-Hexanone	10.	U				
VOA	Tetrachloroethene	10.	U				
VOA	1,1,2,2-Tetrachloroethane	10.	U				
VOA	Ethylene dibromide	NR					
VOA	Toluene	10.	U				
VOA	Chlorobenzene	10.	U				
VOA	Ethylbenzene	10.	U				
VOA	Styrene	10.	U				
VOA	m+p-Xylenes	10.	U				

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID ——>	034-T-0001-01
ORIGINAL ID ——>	034T000101
LAB SAMPLE ID —>	677481
ID FROM REPORT —>	34T000101
SAMPLE DATE ——>	01/17/95
DATE EXTRACTED —>	
DATE ANALYZED —>	01/18/95
MATRIX ———>	Water
UNITS ———>	UG/L

Method	Parameter	00001	VAL
VOA	1,3-Dichlorobenzene	NR	
VOA	1,4-Dichlorobenzene	NR	
VOA	1,2-Dichlorobenzene	NR	
VOA	DBCP	NR	
VOA	1,2-Dichloroethene (total)	10.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	HBL-T-0079-01		LCS-T-019L-01		LCS-T-019L-02 RE		LCS-T-031P-01		PBL-T-0002-01		PBL-T-0002-02	
	ORIGINAL ID →	HBLK95		PLCS35		PLCS35RE		PLCS69		PBLK39		PBLK99	
	LAB SAMPLE ID →	670774		669107		669107 R1RE		666801		682017		677985	
	ID FROM REPORT →	HBLK95		PLCS35		PLCS35RE		PLCS69		PBLK39		PBLK99	
	SAMPLE DATE →												
	DATE EXTRACTED →	12/20/94		12/20/94		01/19/95		12/26/94		02/03/95		01/19/95	
	DATE ANALYZED →	01/03/95		12/27/94		01/24/95		12/30/94		02/07/95		01/25/95	
	MATRIX →	Soil		Water		Water		Water		Soil		Soil	
	UNITS →	UG/KG		UG/L		UG/L		UG/L		UG/KG		UG/KG	
Method	Parameter	00079	VAL	0019L	VAL	0019L	VAL	0031P	VAL	00002	VAL	00002	VAL
PEST	alpha-BHC	NR		0.01	U	0.01	U	0.01	U	1.7	U	1.7	U
PEST	beta-BHC	NR		0.01	U	0.01	U	0.0014	J	1.7	U	1.7	U
PEST	delta-BHC	NR		0.01	U	0.01	U	0.01	U	1.7	U	1.7	U
PEST	gamma-BHC (Lindane)	NR		0.05	J	0.073		0.074		1.7	U	1.7	U
PEST	Heptachlor	NR		0.0007	J	0.0009	J	0.0009	J	1.7	U	0.079	J
PEST	Aldrin	NR		0.01	U	0.01	U	0.01	U	1.7	U	1.7	U
PEST	Heptachlor epoxide	NR		0.058		0.076	J	0.077	J	1.7	U	1.7	U
PEST	Endosulfan I	NR		0.01	U	0.01	U	0.01	U	1.7	U	1.7	U
PEST	Dieldrin	NR		0.12		0.15		0.16	J	3.3	U	3.3	U
PEST	4,4'-DDE	NR		0.11		0.14		0.15		3.3	U	3.3	U
PEST	Endrin	NR		0.13		0.15		0.15		3.3	U	0.072	J
PEST	Endosulfan II	NR		0.0006	J	0.02	U	0.002	J	3.3	U	3.3	U
PEST	4,4'-DDD	NR		0.02	U	0.02	U	0.02	U	3.3	U	3.3	U
PEST	Endosulfan sulfate	NR		0.12		0.14		0.17		33	U	3.3	U
PEST	4,4'-DDT	NR		0.02	U	0.02	U	0.02	U	3.3	U	0.22	J
PEST	Methoxychlor	NR		0.0023	J	0.1	U	0.1	U	0.33	J	0.33	J
PEST	Endrin ketone	NR		0.0032	J	0.0049	J	0.013	J	3.3	U	3.3	U
PEST	Endrin aldehyde	NR		0.0014	J	0.02	U	0.0092	J	3.3	U	3.3	U
PEST	alpha-Chlordane	NR		0.01	U	0.01	U	0.01	U	1.7	U	1.7	U
PEST	gamma-Chlordane	NR		0.056		0.073		0.084	J	1.7	U	1.7	U
PEST	Toxaphene	NR		1.	U	1.	U	1.	U	170.	U	170.	U
PEST	Aroclor-1016	NR		0.2	U	0.2	U	0.2	U	33.	U	33.	U
PEST	Aroclor-1221	NR		0.4	U	0.4	U	0.4	U	67.	U	67.	U
PEST	Aroclor-1232	NR		0.2	U	0.2	U	0.2	U	33.	U	33.	U
PEST	Aroclor-1242	NR		0.2	U	0.2	U	0.2	U	33.	U	33.	U
PEST	Aroclor-1248	NR		0.2	U	0.2	U	0.2	U	33.	U	33.	U
PEST	Aroclor-1254	NR		0.2	U	0.2	U	0.2	U	33.	U	33.	U
PEST	Aroclor-1260	NR		0.2	U	0.2	U	0.2	U	33.	U	33.	U
PEST	2,4-D	100.	U	NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	3.3	J	NR		NR		NR		NR		NR	
PEST	2,4,5-T	20.	J	NR		NR		NR		NR		NR	

*** validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID →		PBL-T-0011-01		PBL-T-0011-02		PBL-T-004L-01		PBL-T-004L-02		PBL-T-004L-03		PBL-T-019L-01	
ORIGINAL ID →		PBLK03		PBLK67		PBLK34		PBLK51		PBLK93		PBLK18	
LAB SAMPLE ID →		668688		669140		671118		671627		669771		678187	
ID FROM REPORT →		PBLK03		PBLK67		PBLK34		PBLK51		PBLK93		PBLK18	
SAMPLE DATE →													
DATE EXTRACTED →		12/15/94		12/16/94		12/20/94		12/22/94		12/18/94		01/19/95	
DATE ANALYZED →		12/23/94		12/24/94		12/27/94		12/27/94		12/27/94		01/24/95	
MATRIX →		Soil		Soil		Water		Water		Water		Water	
UNITS →		UG/KG		UG/KG		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	00011	VAL	00011	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0019L	VAL
PEST	alpha-BHC	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	beta-BHC	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	delta-BHC	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-BHC (Lindane)	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Aldrin	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor epoxide	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.0006	J
PEST	Endosulfan I	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Dieldrin	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDE	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endrin	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan II	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDD	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan sulfate	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDT	0.12	J	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
EST	Methoxychlor	17.	U	17.	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin ketone	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
'EST	Endrin aldehyde	3.3	U	3.3	U	0.02	U	0.02	U	0.02	U	0.02	U
'EST	alpha-Chlordane	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
'EST	gamma-Chlordane	1.7	U	1.7	U	0.01	U	0.01	U	0.01	U	0.01	U
EST		170.	U	170.	U	1.	U	1.	U	1.	U	1.	U
'EST	Aroclor-1016	33.	U	33.	U	0.2	U	0.2	U	0.2	U	0.2	U
'EST	Aroclor-1221	67.	U	67.	U	0.4	U	0.4	U	0.4	U	0.4	U
'EST	Aroclor-1232	33.	U	33.	U	0.2	U	0.2	U	0.2	U	0.2	U
'EST	Aroclor-1242	33.	U	33.	U	0.2	U	0.2	U	0.2	U	0.2	U
'EST	Aroclor-1248	33.	U	33.	U	0.2	U	0.2	U	0.2	U	0.2	U
'EST	Aroclor-1254	33.	U	33.	U	0.2	U	0.2	U	0.2	U	0.2	U
'EST	Aroclor-1260	33.	U	33.	U	0.2	U	0.2	U	0.2	U	0.2	U
'EST	2,4-D	NR		NR		NR		NR		NR		NR	
'EST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
'EST	2,4,5-T	NR		NR		NR		NR		NR		NR	

+*+ Validation' Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	PBL-T-019L-02		PBL-T-019L-03		PBL-T-019L-04		PBL-T-031P-01		PBL-T-031P-02		PIB-T-0002-03	
	ORIGINAL ID ——>	PBLK36		PBLK45		PBLK52		PBLK11		PBLK70		PIBLK7J	
	LAB SAMPLE ID ——>	671119		678963		671626		673510		673242		PIBLK 7J	
	ID FROM REPORT ——>	PBLK36		PBLK45		PBLK52		PBLK11		PBLK70		PIBLK7J	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	12/20/94		01/24/95		12/22/94		12/27/94		12/26/94			
	DATE ANALYZED ——>	12/27/94		01/27/95		12/30/94		12/30/94		12/30/94		01/19/95	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0019L	VAL	0019L	VAL	0019L	VAL	0031P	VAL	0031P	VAL	00002	VAL
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.0004	J	0.025	U
PEST	beta-BHC	0.01	U	0.01	U	0.002	J	0.01	U	0.0013	J	0.025	U
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U
PEST	Heptachlor	0.0005	J	0.01	U	0.01	U	0.0026	J	0.0005	J	0.025	U
PEST	Aldrin	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.0008	J	0.0005	J	0.0009	J	0.025	U
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U
PEST	Dieldrin	0.02	U	0.02	U	0.0013	J	0.001	J	0.0008	J	0.05	U
PEST	4,4'-DDE	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U
PEST	Endrin	0.02	U	0.0028	J	0.02	U	0.02	U	0.02	U	0.05	U
PEST	Endosulfan II	0.02	U	0.0013	J	0.0024	J	0.02	U	0.0006	J	0.05	U
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U
PEST	Endosulfan sulfate	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.05	U
PEST	4,4'-DDT	0.02	U	0.02	U	0.02	U	0.0015	J	0.02	U	0.05	U
PEST	Methoxychlor	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.25	U
PEST	Endrin ketone	0.02	U	0.02	U	0.02	U	0.0005	J	0.02	U	0.05	U
PEST	Endrin aldehyde	0.0014	J	0.02	U	0.0022	J	0.02	U	0.02	U	0.05	U
PEST	alpha-chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U
PEST	gamma-Chlordane	0.01	U	0.01	U	0.001	J	0.0007	J	0.01	J	0.025	U
PEST	Toxaphene	1.	U	1.	U	1.	U	1.	U	1.	U	2.5	U
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	1.	U
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U
PEST	Amlor-1248	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U
PEST	Amlor-1254	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	PIB-T-0002-04		PIB-T-0002-05		PIB-T-0002-06		PIB-T-0002-07		PIB-T-0002-08		PIB-T-0002-09	
	ORIGINAL ID ——>	PIBLK7R		PIBLK94		PIBLK95		PIBLK9A		PIBLKDC		PIBLKDF	
	LAB SAMPLE ID ——>	PIBLK 7R		PIBLK 94		PIBLK 95		PIBLK 9A		PIBLK DC		PIBLK DF	
	ID FROM REPORT ——>	PIBLK7R		PIBLK94		PIBLK95		PIBLK9A		PIBLKDC		PIBLKDF	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	01/20/95		01/25/95		01/25/95		01/26/95		02/07/95		02/07/95	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	00002	VAL	00002	VAL	00002	VAL	00002	VAL	00002	VAL	00002	VAL
PEST	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	beta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	delta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Heptachlor	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Endosulfan I	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Dieldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	4,4'-DDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endosulfan II	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	4,4'-DDD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	4,4'-DDT	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Methoxychlor	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
PEST	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endrin aldehyde	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
PEST	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID →		PIB-T-0011-03		PIB-T-0011-04		PIB-T-0011-05		PIB-T-0011-06		PIB-T-0011-07		PIB-T-0011-08	
ORIGINAL ID →		PIBLK1I		PIBLK1N		PIBLKT8		PIBLKX5		PIBLKXN		PIBLKYG	
LAB SAMPLE ID →		PIBLK 1I		PIBLK IN		PIBLK T8		PIBLK XS		PIBLK XN		PIBLK YG	
ID FROM REPORT →		PIBLK1I		PIBLK1N		PIBLKT8		PIBLKX5		PIBLKXN		PIBLKYG	
SAMPLE DATE →													
DATE EXTRACTED →													
DATE ANALYZED →		12/29/94		12/29/94		12/16/94		12/23/94		12/23/94		12/24/94	
MATRIX →		Water		Water		Water		Water		Water		Water	
UNITS →				UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	00011	VAL	00011	VAL	00011	VAL	00011	VAL	00011	VAL	00011	VAL
PEST	alpha-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	beta-BHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	delta-RHC	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	gamma-BHC (Lindane)	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Heptachlor	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Aldrin	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Heptachlor epoxide	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Endosulfan I	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Dieldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	4,4'-DDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endosulfan II	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	4,4'-DDD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endosulfan sulfate	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	4,4'-DDT	0.05	U	0.0092	J	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Methoxychlor	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
PEST	Endrin ketone	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	Endrin aldehyde	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
PEST	alpha-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	gamma-Chlordane	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
PEST	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
PEST	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	A mlor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PBNSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID →		PIB-T-0011-09		PIB-T-004L-04		PIB-T-004L-05		PIB-T-004L-06		PIB-T-004L-07		PIB-T-004L-08	
ORIGINAL ID →		PIBLKYH		PIBLK18		PIBLK29		PIBLK28		PIBLKTU		PIBLKYH	
LAB SAMPLE ID →		PIBLK YH		PIBLK 18		PIBLK 29		PIBLK 28		PIBLK TU		PIBLK YH	
ID FROM REPORT →		PIBLKYH		PIBLK18		PIBLK29		PIBLK28		PIBLKTU		PIBLKYH	
SAMPLE DATE →										12/19/94			
DATE EXTRACTED →													
DATE ANALYZED →		12/24/94		12/28/94		12/28/94		12/28/94				12/27/94	
MATRIX →		Water		Water		Water		Water		Water		Water	
UNITS →		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	00011	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL
PEST	alpha-BHC	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	beta-BHC	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	delta-BHC	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	gamma-BHC (Lindane)	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Heptachlor	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Aldrin	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Heptachlor epoxide	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Endosulfan I	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Dieldrin	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDE	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endrin	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endosulfan II	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDD	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endosulfan sulfate	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDT	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Methoxychlor	0.25	u	0.1	u	0.1	u	0.1	u	0.1	u	0.1	u
PEST	Endrin ketone	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endrin aldehyde	0.05	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	alpha-Chlordane	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	gamma-Chlordane	0.025	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST		2.5	u	1.	u	1.	u	1.	u	1.	u	1.	u
PEST	Aroclor-1016	0.5	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1221	1.	u	0.4	u	0.4	u	0.4	u	0.4	u	0.4	u
PEST	Aroclor-1232	0.5	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1242	0.5	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1248	0.5	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1254	0.5	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1260	0.5	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	PIB-T-004L-09		PIB-T-019L-05		PIB-T-019L-06		PIB-T-019L-07		PIB-T-019L-08		PIB-T-019L-09	
	ORIGINAL ID →	PIBLKZL		PIBLK2P		PIBLK2X		PIBLK7R		PIBLK8T		PIBLK8V	
	LAB SAMPLE ID →	PIBLK ZL		PIBLK 2P		PIBLK 2X		PIBLK 7R		PIBLK 8T		PIBLK 8V	
	ID FROM REPORT →	PIBLKZL		PIBLK2P		PIBLK2X		PIBLK7R		PIBLK8T		PIBLK8V	
	SAMPLE DATE →												
	DATE EXTRACTED →												
	DATE ANALYZED →	12/27/94		12/29/94		12/30/94		01/20/95		01/24/95		01/24/95	
	MATRIX →	Water		Yater		Water		Water		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0019L	VAL	0019L	VAL	0019L	VAL	0019L	VAL	0019L	VAL
PEST	alpha-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	beta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	delta-BHC	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-BHC (Lindane)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Aldrin	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor epoxide	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Endosulfan I	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.07	U
PEST	Dieldrin	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDE	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endrin	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan II	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDD	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan sulfate	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDT	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	methoxychlor	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin ketone	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	Endrin aldehyde	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
PEST	alpha-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	gamma-Chlordane	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
PEST	Toxaphene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
PEST	Aroclor-1016	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1221	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
PEST	Aroclor-1232	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1242	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1248	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1254	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1260	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID	PIB-T-019L-10		PIB-T-019L-11		PIB-T-019L-12		PIB-T-019L-13		PIB-T-019L-14		PIB-T-019L-15	
	ORIGINAL ID	PIBLK9R		PIBLK9V		PIBLKSL		PIBLKTU		PIBLKYM		PIBLKZL	
	LAB SAMPLE ID	PIBLK 9R		PIBLK W		PIBLK SL		PIBLK N		PIBLK YM		PIBLK ZL	
	ID FROM REPORT	PIBLK9R		PIBLK9V		PIBLKSL		PIBLKTU		PIBLKYM		PIBLKZL	
	SAMPLE DATE												
	DATE EXTRACTED												
	DATE ANALYZED	01/27/95		01/27/95		12/15/94		12/19/94		12/27/94		12/27/94	
	MATRIX	Water		Water		Water		Water		Water		Water	
	UNITS	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0019L	VAL	0019L	VAL	0019L	VAL	0019L	VAL	0019L	VAL	0019L	VAL
PEST	alpha-BHC	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	beta-BHC	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	delta-BHC	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	gamma-BHC (Lindane)	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Heptachlor	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Aldrin	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Heptachlor epoxide	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Endosulfan I	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Dieldrin	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDE	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endrin	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endosulfan II	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDD	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endosulfan sulfate	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	4,4'-DDT	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u		
PEST	Methoxychlor	0.1	u	0.1	u	0.1	u	0.1	u	0.1	u	0.1	u
PEST	Endrin ketone	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	Endrin aldehyde	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u	0.02	u
PEST	alpha-Chlordane	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	gamma-Chlordane	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u	0.01	u
PEST	Toxaphene	1.	u	1.	u	1.	u	1.	u	1.	u	1.	u
PEST	Aroclor-1016	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1221	0.4	u	0.4	u	0.4	u	0.4	u	0.4	u	0.4	u
PEST	Aroclor-1232	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1242	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Amlor-1248	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1254	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	Aroclor-1260	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u	0.2	u
PEST	2,4-D	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

DATALCP3
05/04/95

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID ——>		PIB-T-031P-03		PIB-T-031 P04		PIB-T-031P-05		TCL-T-031P-06		-07	
ORIGINAL ID ——>		PIBLK2P		PIBLK2X		PIBLKSL		TCLPBLK21			
LAB SAMPLE ID ——>		PIBLK 2P		PIBLK 2X		PIBLK SL		669773 R1			
ID FROM REPORT ——>		PIBLK2P		PIBLK2X		PIBLKSL		TCLPBLK21			
SAMPLE DATE ——>											
DATE EXTRACTED ——>						12/15/94		12/26/94			
DATE ANALYZED ——>		12/29/94		12/30/94				12/30/94			
MATRIX ——>		Water		Water		Water		Water			
UNITS ——>		UG/L		UG/L		UG/L		UG/L			
Method	Parameter	0031P	VAL	0031P	VAL	0031P	VAL	0031P	VAL	0031P	VAL
PEST	alpha-BHC	0.01	U	001	U	0.01	U	0.01	U	0.01	U
PEST	beta-BHC	0.01	U	001	U	0.01	U	0.01	U	0.0028	J
PEST	delta-BHC	0.01	U	001	U	0.01	U	0.01	U	0.01	U
PEST	gamma-BHC (Lindane)	0.01	U	001	U	0.01	U	0.0004	J	0.0005	J
PEST	Heptachlor	0.01	U	001	U	0.01	U	0.0013	J	0.0012	J
PEST	Aldrin	0.01	U	001	U	0.01	U	0.01	U	0.01	U
PEST	Heptachlor epoxide	0.01	U	001	U	0.01	U	0.0016	J	0.0009	J
PEST	Endosulfan I	0.01	U	001	U	0.01	U	0.01	U	0.01	U
PEST	Dieldrin	0.02	U	002	U	0.02	U	0.0008	J	0.0008	J
PEST	4,4'-DDE	0.02	U	002	U	0.02	U	0.02	U	0.0005	J
PEST	Endrin	0.02	U	002	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan II	0.02	U	002	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDD	0.02	U	002	U	0.02	U	0.02	U	0.02	U
PEST	Endosulfan sulfate	0.02	U	002	U	0.02	U	0.02	U	0.02	U
PEST	4,4'-DDT	0.02	U	002	U	0.02	U	0.0015	J	0.0007	J
PEST	Methoxychlor	0.1	U	1	U	0.1	U	0.1	U	0.1	U
PEST	Endrin ketone	0.02	U	002	U	0.02	U	0.02	U	0.0004	J
PEST	Endrin aldehyde	0.02	U	002	U	0.02	U	0.02	U	0.02	U
PEST	alpha-Chlordane	0.01	U	001	U	0.01	U	0.01	U	0.01	U
PEST	gamma-Chlordane	0.01	U	001	U	0.01	U	0.01	U	0.0008	J
PEST	Toxaphene	1.	U		U	1.	U	1.	U	1.	U
PEST	Aroclor-1016	0.2	U	2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1221	0.4	U	4	U	0.4	U	0.4	U	0.4	U
PEST	Aroclor-1232	0.2	U	2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1242	0.2	U	2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1248	0.2	U	2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1254	0.2	U	2	U	0.2	U	0.2	U	0.2	U
PEST	Aroclor-1260	0.2	U	2	U	0.2	U	0.2	U	0.2	U
PEST	2,4-D	NR		NR		NR		NR		NR	
PEST	2,4,5-TP (Silvex)	NR		NR		NR		NR		NR	
PEST	2,4,5-T	NR		NR		NR		NR		NR	

*** Validation Complete ***

	SAMPLE ID ——>	LCS-T-0014-00		LCS-T-019L-00		LCS-T-SLCS-71		SBL-T-0002-01		SBL-T-0011-01		SBL-T-0011-02	
	ORIGINAL ID ——>	SLCS14		SLCS31		SLCS71		SBLK88		SBLK46		SBLK92	
	LAB SAMPLE ID ——>	668719		669104		666797		678629		668167		669208	
	ID FROM REPORT ——>	SLCS14		SLCS31		SLCS71		SBLK88		SBLK46		SBLK92	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>	12/18/94		12/20/94		12/26/94		01/21/95		12/14/94		12/16/94	
	DATE ANALYZED ——>	12/20/94		12/22/94		12/31/94		01/24/95		12/19/94		12/19/94	
	MATRIX ——>	Water		Water		Water		Soil		Soil		Soil	
	UNITS ——>	UG/L		UG/L		UG/L				UG/KG		UG/KG	
Method	Parameter	0004L	VAL	0019L	VAL	0029P	VAL	00002	VAL	00011	VAL	00011	VAL
SVOA	Phenol	32.		32.		27.		330.	U	330.	U	330.	U
SVOA	bis(2-Chloroethyl)ether	17.		18.		13.		330.	U	330.	U	330.	U
SVOA	2-Chlorophenol	31.		33.		27.		330.	U	330.	U	330.	U
SVOA	1,3-Dichlorobenzene	NR		NR		NR		330.	U	330.	U	330.	U
SVOA	1,4-Dichlorobenzene	NR		NR		NR		330.	U	330.	U	330.	U
SVOA	1,2-Dichlorobenzene	NR		NR		NR		330.	U	330.	U	330.	U
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	N-Nitroso-di-n-propylamine	16.		19.		12.		330.	U	330.	U	330.	U
SVOA	Hexachloroethane	13.		16.		11.		330.	U	330.	U	330.	U
SVOA	Nitrobenzene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Isophorone	19.		18.		13.		330.	U	330.	U	330.	U
SVOA	2-Nitrophenol	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	2,4-Dimethylphenol	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	2,4-Dichlorophenol	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	1,2,4-Trichlorobenzene	17.		18.		14.		330.	U	330.	U	330.	U
SVOA	Naphthalene	16.		19.		14.		330.	U	330.	U	330.	U
SVOA	4-Chloroaniline	37.		31.		38.		330.	U	330.	U	330.	U
SVOA	Hexachlorobutadiene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
EMA	2-Methylnaphthalene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	2,4,6-Trichlorophenol	29.		26.		19.		330.	U	330.	U	330.	U
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	2-Chloronaphthalene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	2-Nitroaniline	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	Dimethylphthalate	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Acenaphthylene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	2,6-Dinitrotoluene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	3-Nitroaniline	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	Acenaphthene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	2,4-Dinitrophenol	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	4-Nitrophenol	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	Dibenzofuran	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID ——:		LCS-T-0014-00		LCS-T-019L-00		LCS-T-SLCS-71		SBL-T-0002-01		SBL-T-0011-01		SBL-T-0011-02	
ORIGINAL ID ——:		SLCS14		SLCS31		SLCS71		SBLK88		SBLK46		SBLK92	
LAB SAMPLE ID —:		668719		669104		666797		678629		668167		669208	
ID FROM REPORT —:		SLCS14		SLCS31		SLCS71		SBLK88		SBLK46		SBLK92	
SAMPLE DATE ——:													
DATE EXTRACTED —:		12/18/94		12/20/94		12/26/94		M/21/95		12/14/94		12/16/94	
DATE ANALYZED —:		12/20/94		12/22/94		12/31/94		01/24/95		12/19/94		12/19/94	
MATRIX ————:		Uater		Water		Water		Soi1		Soi1		Soi1	
UNITS ————:		UG/L		UG/L		UG/L		UG/KG		UG/KG		UG/KG	
Method	Parameter	0004L	VAL	0019L	VAL	0029P	VAL	00002	VAL	00011	VAL	00011	VAL
SVOA	2,4-Dinitrotoluene	14.		11.		8.		330.	U	330.	U	330.	U
SVOA	Diethylphthalate	21.		20.		14.		330.	U	330.	U	330.	U
SVOA	4-Chlorophenyl-phenylether	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Fluorene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	4-Nitrocmiline	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	4,6-Dinitro-2-methylphenol	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	N-Nitrosodiphenylamine	18.		18.		12.		330.	U	330.	U	330.	U
SVOA	4-Brompheny l-phemy lether	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Hexachlorobenzene	16.		18.		14.		330.	U	330.	U	330.	U
SVOA	Pentachlorophenol	20.	U	20.	U	20.	U	800.	U	800.	U	800.	U
SVOA	Phenanthrene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Anthracene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Carbazole	NR		NR		NR		330.	U	330.	U	330.	U
SVOA	Di-n-butylphthalate	4.	J	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Fluoranthene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Pyrene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Butylbenzylphthalate	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Benzo(a)anthracene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Chrysene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	bis(2-Ethylhexy1)phthalate (BEHP)	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Di-n-octylphthalate	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Benzo(b)fluoranthene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Benzo(k)fluoranthene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Benzo(a)pyrene	19.		16.		14.		330.	U	330.	U	330.	U
SVOA	Indeno(1,2,3-cd)pyrene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Dibenzo(a,h)anthracene	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U
SVOA	Benzo(g,h i)perylane	5.	U	5.	U	5.	U	330.	U	330.	U	330.	U

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	SBL-T-004L-01		SBL-T-004L-02		SBL-T-004L-03		SBL-T-019L-01		SBL-T-029P-01		SBL-T-029P-02	
	ORIGINAL ID →	SBLK13		SBLK30		SBLK38		SBLK30		SBLK33		SBLK70	
	LAB SAMPLE ID →	669772		670800		670585		670800		674294		673238	
	ID FROM REPORT →	SBLK13		SBLK30		SBLK38		SBLK30		SBLK33		SBLK70	
	SAMPLE DATE →												
	DATE EXTRACTED →	12/18/94		12/20/94		12/22/94		12/20/94		01/04/95		12/26/94	
	DATE ANALYZED →	12/20/94		12/22/94		12/30/94		12/22/94		01/06/95		12/31/96	
	MATRIX →	Water		Water		Water		Water		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0004L	VAL	0004L	VAL	0019L	VAL	0029P	VAL	0029P	VAL
SVOA	Phenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Chlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	1,3-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
SVOA	1,4-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
SVOA	1,2-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Ikthylphmol (p-Cresol)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Hexachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Nitrobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Isophorone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U	5.	U	E.	U
SVOA	2,4-Dimethylphenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4-Dichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Naphthalene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U	5.	U	E.	U
SVOA	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Methylnaphthalene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	2-Chloronaphthalene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Dimethylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	Acenaphthylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,6-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	3-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Acenaphthene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
SVOA	2,4-Dinitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	4-Nitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
SVOA	Dibenzofuran	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

	SAMPLE ID	TCL-T-029P-03		TCL-T-029P-04			
	ORIGINAL ID	TCLPBLK22		TCLPBLK23			
	LAB SAMPLE ID	669774		672179			
	ID FROM REPORT	TCLPBLK22		TCLPBLK23			
	SAMPLE DATE						
	DATE EXTRACTED	12/26/94		12/27/94			
	DATE ANALYZED	12/31/94		01/03/95			
	MATRIX	Water		Water			
	WITS	UG/L		UG/L			
Method	Parameter	0029P	VAL	0029P	VAL		
SVOA	2,4-Dinitrotoluene	5.	U	5.	U		
SVOA	Diethylphthalate	5.	U	5.	U		
SVOA	4-Chlorophenyl-phenylether	5.	U	5.	U		
SVOA	Fluorene	5.	U	5.	U		
SVOA	4-Nitroaniline	20.	U	20.	U		
SVOA	4,6-Dinitro-2-methylphenol	20.	U	20.	U		
SVOA	N-Nitrosodiphenylamine	5.	U	5.	U		
SVOA	4-Bromophenyl-phenylether	5.	U	5.	U		
SVOA	Hexachlorobenzene	5.	U	5.	U		
SVOA	Pentachlorophenol	20.	U	20.	U		
SVOA	Phenanthrene	5.	U	5.	U		
SVOA	Anthracene	5.	U	5.	U		
SVOA	Carbazole	NR		NR			
SVOA	Di-n-butylphthalate	5.	U	5.	U		
SVOA	Fluoranthene	5.	U	5.	U		
SVOA	Pyrene	5.	U	5.	U		
SVOA	Butylbenzylphthalate	5.	U	5.	U		
SVOA	3,3'-Dichlorobenzidine	5.	U	5.	U		
SVOA	Benzo(a)anthracene	5.	U	5.	U		
SVOA	Chrysene	5.	U	5.	U		
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U		
SVOA	Di-n-octylphthalate	5.	U	5.	U		
SVOA	Benzo(b)fluoranthene	5.	U	5.	U		
SVOA	Benzo(k)fluoranthene	5.	U	5.	U		
SVOA	Benzo(a)pyrene	5.	U	5.	U		
SVOA	Indeno(1,2,3-cd)pyrene	NR		NR			
SVOA	Dibenzo(a,h)anthracene	NR		NR			
SVOA	Benzo(g,h,i)perylene	NR		NR			

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	LCS-T-0000-00		LCS-T-019L-02		US-1-027600		VBL-T-0001-01		VBL-T-0002-01		VBL-T-0011-01	
	ORIGINAL ID ——>	VLCS282		VLCS280		VLCS276		VBLKKP		VBLKZ8		VBLKC3	
	LAB SAMPLE ID ——>	666793		669101		668716		VBLKKP		678396		66763s	
	ID FROM REPORT —>	VLCS282		VLCS280		VLCS276		VBLKKP		VBLKZ8		VBLKC3	
	SAMPLE DATE ——>												
	DATE EXTRACTED —>												
	DATE ANALYZED ——>	12/20/94		12/18/94		12/18/94		01/18/95		01/22/95		12/14/94	
	MATRIX ————>	Water		Water		Water		Water		Soil		Soil	
	UNITS ————>	UG/L		UG/L		UG/L		UG/L		UG/KG		UG/KG	
Method	Parameter	00279	VAL	0019L	VAL	0004L	VAL	00001	VAL	00002	VAL	00011	VAL
VOA	Chloromethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Bromomethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Vinyl chloride	4.		4.		4.		10.	U	10.	U	10.	U
VOA	Chloroethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Methylene chloride	6.	J	0.7	J	0.9	J	10.	U	6.	J	20.	J
VOA	Acetone	10.	J	5.	U	5.	U	10.	U	10.	U	10.	U
VOA	Carbon disulfide	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethene	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	1,1-Dichloroethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	Ethene, 1,2-dichloro-, (E)-	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	Chloroform	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloroethane	7.		6.		6.		10.	U	10.	U	10.	U
VOA	2-Butanone (MEK)	5.	U	5.	U	5.	U	10.	U	10.	U	10.	U
VOA	Chlorobromomethane	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Carbon tetrachloride	5.		6.		7.		10.	U	10.	U	10.	U
VOA	Bromodichloromethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	1,2-Dichloropropane	5.		6.		6.		10.	U	10.	U	10.	U
VOA	cis-1,3-Dichloropropene	5.		5.		6.		10.	U	10.	U	10.	U
VOA	Trichloroethene	5.		6.		7.		10.	U	10.	U	10.	U
VOA	Dibromochloromethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	1,1,2-Trichloroethane	5.		6.		6.		10.	U	10.	U	10.	U
VOA	Benzene	5.		6.		7.		10.	U	10.	U	10.	U
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Bromoform	5.		6.		5.		10.	U	10.	U	10.	U
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	10.	U	10.	U	10.	U
VOA	2-Hexanone	5.	U	5.	U	5.	U	10.	U	10.	U	10.	U
VOA	Tetrachloroethene	5.		5.		7.		10.	U	10.	U	10.	U
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Ethylene dibromide	5.		5.		4.		NR		NR		NR	
VOA	Toluene	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Chlorobenzene	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Ethylbenzene	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	Styrene	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U
VOA	m[illegible]lenes	1.	U	1.	U	1.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	ORIGINAL ID ——>	SBL-T-004L-01		SBL-T-004L-02		SBL-T-004L-03		SBL-T-019L-01		SBL-T-029P-01		SBL-T-029P-02	
	LAB SAMPLE ID ——>	SBLK13		SBLK30		SBLK38		SBLK30		SBLK33		SBLK70	
	ID FROM REPORT —>	669772		670800		670585		670800		674294		673238	
	SAMPLE DATE ——>	SBLK13		SBLK30		SBLK38		SBLK30		SBLK33		SBLK70	
	DATE EXTRACTED —>	12/18/94		12/20/94		12/22/94		12/20/94		01/04/95		12/26/94	
	DATE ANALYZED ——>	12/20/94		12/22/94		12/30/94		12/22/94		01/06/95		12/31/94	
	MATRIX ———>	Water		Uatcr		Water		Mater		Water		Water	
	UNITS ———>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0004L	VAL	0004L	VAL	0019L	VAL	0029P	VAL	0029P	VAL
SVOA	2,4-Dinitrotoluene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	u
SVOA	Diethylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	4-Chlorophenyl-phenylether	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Fluorene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	4-Nitroaniline	20.	u	20.	u	20.	u	20.	u	20.	u	20.	U
SVOA	4,6-Dinitro-2-methylphenol	20.	u	20.	u	20.	u	20.	u	20.	u	20.	U
SVOA	N-Nitrosodiphenylamine	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	4-B~eny L-pheny lether	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Hexachlorobenzene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Pentachlorophenol	20.	u	20.	u	20.	u	20.	u	20.	u	20.	U
SVOA	Phenanthrene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Anthracene	5.	u	5.	u	'5.	u	5.	u	5.	u	5.	U
SVOA	Carbazole	NR		NR		NR		NR		NR		NR	
SVOA	Di-n-butylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Fluoranthene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Pyrene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Butylbenzylphtholate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	3,3'-Dichlorobenzidine	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Benzo(a)anthracene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Chryrenc	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	bis(2-Ethylhexyl)phthalate (BEHP)	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Di-n-octylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Benzo(b)fluoranthene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Benzo(k)fluoranthene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Benzo(a)pyrene	5.	u	5.	u	5.	u	5.	u	5.	u	5.	U
SVOA	Indeno(1,2,3-cd)pyrene	5.	u	5.	u	5.	u	5.	u	5.	u	NR	
SVOA	Dibenzo(a,h)anthracene	5.	u	5.	u	5.	u	5.	u	5.	u	NR	
SVOA	Benzo(g,h i)perylene	5.	u	5.	u	5.	u	5.	u	5.	u	NR	

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	TCL-T-029P-03		TCL-T-029P-04				
	ORIGINAL ID →	TCLPBLK22		TCLPBLK23				
	LAB SAMPLE ID →	669774		672179				
	ID FROM REPORT →	TCLPBLK22		TCLPBLK23				
	SAMPLE DATE →							
	DATE EXTRACTED →	12/26/94		12/27/94				
	DATE ANALYZED →	12/31/94		01/03/95				
	MATRIX →	Water		Water				
	UNITS →	UG/L		UG/L				
Method	Parameter	0029P	VAL	0029P	VAL			
SVOA	Phenol	5.	U	5.	U			
SVOA	bis(2-Chloroethyl)ether	5.	U	5.	U			
SVOA	2-Chlorophenol	5.	U	5.	U			
SVOA	1,3-Dichlorobenzene	NR		NR				
SVOA	1,4-Dichlorobenzene	NR		NR				
SVOA	1,2-Dichlorobenzene	NR		NR				
SVOA	2-Methylphenol (o-Cresol)	5.	U	5.	U			
SVOA	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U			
SVOA	4-Methylphenol (p-Cresol)	5.	U	5.	U			
SVOA	N-Nitroso-di-n-propylamine	5.	U	5.	U			
SVOA	Hexachloroethane	5.	U	5.	U			
SVOA	Nitrobenzene	5.	U	5.	U			
SVOA	Isophorone	5.	U	5.	U			
SVOA	2-Nitrophenol	5.	U	5.	U			
SVOA	2,4-Dimethylphenol	5.	U	5.	U			
SVOA	bis(2-Chloroethoxy)methane	5.	U	5.	U			
SVOA	2,4-Dichlorophenol	5.	U	5.	U			
SVOA	1,2,4-Trichlorobenzene	5.	U	5.	U			
SVOA	Naphthalene	5.	U	5.	U			
SVOA	4-Chloroaniline	5.	U	5.	U			
SVOA	Hexachlorobutadiene	5.	U	5.	U			
SVOA	4-Chloro-3-methylphenol	5.	U	5.	U			
SVOA	2-Methylnaphthalene	5.	U	5.	U			
SVOA	Hexachlorocyclopentadiene	5.	U	5.	U			
SVOA	2,4,6-Trichlorophenol	5.	U	5.	U			
SVOA	2,4,5-Trichlorophenol	20.	U	20.	U			
SVOA	2-Chloronaphthalene	5.	U	5.	U			
SVOA	2-Nitroaniline	20.	U	20.	U			
SVOA	Dimethylphthalate	5.	U	5.	U			
SVOA	Acenaphthylene	5.	U	5.	U			
SVOA	2,6-Dinitrotoluene	5.	U	5.	U			
SVOA	3-Nitroaniline	20.	U	20.	U			
SVOA	Acenaphthene	5.	U	5.	U			
SVOA	2,4-Dinitrophenol	20.	U	20.	U			
SVOA	4-Nitrophenol	20.	U	20.	U			
SVOA	Dibenzofuran	5.	U	5.	U			

*** Validation Complete ***

	SAMPLE ID →	LCS-T-0000-00		LCS-T-019L-02		LCS-T-0276-00		VBL-T-0001-01		VBL-T-0002-01		VEL-1-0011-01	
	ORIGINAL ID →	VLCS282		VLCS280		VLCS276		VBLKKP		VBLKZ8		VBLKC3	
	LAB SAMPLE ID →	666793		669101		668716		VBLKKP		678396		667635	
	ID FROM REPORT →	VLCS282		VLCS280		VLCS276		VBLKKP		VBLKZ8		VBLKC3	
	SAMPLE DATE →												
	DATE EXTRACTED →												
	DATE ANALYZED →	12/20/94		12/18/94		12/18/94		01/18/95		01/22/95		12/14/94	
	MATRIX →	Water		Mater		Water		Water		Soil		Soil	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/KG		UG/KG	
Method	Parameter	0027P	VAL	0019L	VAL	0004L	VAL	00001	VAL	00002	VAL	00011	VAL
VOA	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	1,4-Dichlorobenzene	5.		5.		5.		NR		NR		NR	
VOA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	DBCP	1.	U	1.	U	1.	U	NR		NR		NR	
VOA	1,2-Dichloroethene (total)	NR		NR		NR		10.	U	10.	U	10.	U

	SAMPLE ID ——>	VBL-T-0011-02		VBL-T-0011-03		VBL-T-0011-04		VBL-T-004L-01		VBL-T-004L-02		VBL-T-004L-03	
	ORIGINAL ID ——>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	LAB SAMPLE ID ——>	666677		667632		668366		670261		VBLKJS		VBLKKG	
	ID FROM REPORT ——>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	12/12/94		12/13/94		12/14/94		12/18/94		12/19/94		12/29/94	
	MATRIX ——>	Soil		Soil		Soil		Water		Water		Water	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/L		UG/L		UG/L	
[redacted]	Parameter	[redacted]	AL	[redacted]	VAL	00011	VAL	0004L	VAL	0004L	VAL	0004L	[illegible]
VOA	Chloromethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Bromomethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Vinyl chloride	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Chloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Methylene chloride	6.	J	21.	J	18.	J	2.	U	0.8	J	2.	U
VOA	Acetone	10.	U	10.	U	10.	U	4.	J	5.	U	5.	U
VOA	Carbon disulfide	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	cis-1,2-Dichloroethylene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	Ethene, 1,2-dichloro-, (E)-	NR		NR		NR		1.	U	1.	U	1.	U
VOA	Chloroform	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	2-Butanone (MEK)	10.	U	10.	U	10.	U	5.	U	5.	U	5.	U
VOA	Chlorobromomethane	NR		NR		NR		1.	U	1.	U	1.	U
VOA	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Carbon tetrachloride	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Bromodichloromethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloropropane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Trichloroethene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Dibromochloromethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Benzene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Bromoform	1.	J	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	5.	U	5.	U	5.	U
VOA	2-Hexanone	10.	U	10.	U	10.	U	5.	U	5.	U	5.	U
VOA	Tetrachloroethene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	1,1,2,2-Tetrachloroethane	2.	J	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Ethylene dibromide	NR		NR		NR		1.	U	1.	U	1.	U
VOA	Toluene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Chlorobenzene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Ethylbenzene	10.	U	10.	U	10.	U	1.	U	1.	U	1.	U
VOA	Styrene	10.	U	10.	U	10.	U	1.	U	1.	U	1	U
VOA	m[illegible]ylenes	10.	U	10.	U	10.	U	1.	U	1.	U	1	U

*** Validation Complete ***

	SAMPLE ID ——>	VBL-T-0011-02		VBL-T-0011-03		VBL-T-0011-04		VBL-T-004L-01		VBL-T-004L-02		VBL-T-004L-03	
	ORIGINAL ID ——>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	LAB SAMPLE ID ——>	666677		667632		668366		670261		VBLKJS		VBLKKG	
	ID FROM REPORT ——>	VBLKF3		VBLKK9		VBLKN3		VBLKJQ		VBLKJS		VBLKKG	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	12/12/94		12/13/94		12/14/94		12/18/94		12/19/94		12/29/94	
	MATRIX ——>	Soil		Soil		Soil		Water		Water		Water	
	UNITS ——>	UG/KG		UG/KG		UG/KG		UG/L		UG/L		UG/L	
Method	Parameter	D0011	VAL	D0011	VAL	D0011	VAL	D004L	VAL	D004L	VAL	D004L	VAL
VOA	1,3-Dichlorobenzene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	1,4-Dichlorobenzene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	1,2-Dichlorobenzene	NR		NR		NR		1.	U	1.	U	1.	U
VOA	DBCP	NR		NR		NR		1.	U	1.	U	1.	U
VOA	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	NR		NR		NR	

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID ——>	VBL-T-004L-04		VBL-T-004L-05		VBL-T-004L-06		VBL-T[illegible]-07		VBL-T-019L-02		VBL-T-019L-03	
	ORIGINAL ID ——>	VBLKM5		VBLKP9		VBLKVW		VBLKVX		VBLKJW		VBLKM5	
	LAB SAMPLE ID ——>	668062		669069		VBLKVW		VBLKVX		VBLKJW		668062	
	ID FROM REPORT ——>	VBLKM5		VBLKP9		VBLKVW		VBLKVX		VBLKJW		VBLKM5	
	SAMPLE DATE ——>												
	DATE EXTRACTED ——>												
	DATE ANALYZED ——>	12/18/94		12/18/94		12/21/94		12/21[illegible]		12/29/94		12/18/94	
	MATRIX ——>	Water		Water		Water		Water		Water		Water	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0019L		0019L	VAL
VOA	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Methylene chloride	2.	U	2.	U	1.	J	1.	J	2.	U	2.	U
VOA	Acetone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethene, 1,2-dichloro-, (E)-	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chloroform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	2-Butanone (MEK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	Chlorobromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Carbon tetrachloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloropropane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Trichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromoform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	2-Hexanone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethylene dibromide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Toluene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Styrene	1.	U	1.	U	1.	U	1.	U	1	U	1.	U
VOA	m[illegible]lenes	1.	U	1.	U	1.	U	1.	U	1	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

	SAMPLE ID →	VBL-T-004L-04		VBL-T-004L-05		VBL-T-004L-06		VBL-T-004L-07		VBL-T-019L-02		VBL-T-019L-03	
	ORIGINAL 2ID →	VBLKM5		VBLKP9		VBLKVW		VBLKVX		VBLKJW		VBLKM5	
	LAB SAMPLE ID →	668062		669069		VBLKVW		VBLKVX		VBLKJW		668062	
	ID FROM REPORT →	VBLKM5		VBLKP9		VBLKVW		VBLKVX		VBLKJW		VBLKM5	
	SAMPLE DATE →												
	DATE EXTRACTED →												
	DATE ANALYZED →	12/18/94		12/18/94		12/21/94		12/21/94		12/29/94		12/18/94	
	MATRIX →	Water		Water		Water		Mater		Water		Water	
	UNITS →	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0004L	VAL	0004L	VAL	0004L	VAL	0004L	VAL	0019L	VAL	0019L	VAL
VOA	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
UOA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	DBCP	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NU	

PENSACOLA, SITE 34
PENSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID →		VBL-T-027P-01		VBL-T-027P-02		VBL-T-027P-03		VSB-T-004L-08		VSB-T-019L-04		VSB-T-027P-04	
ORIGINAL ID →		VBLKJS		VBLKVA		VBLKVZ		VSBLK552		VSBLK5		VSBLK539	
LAB SAMPLE ID →		VBLKJS		VBLKVA		VBLKVZ		668740		669295		668029	
ID FROM REPORT →		VBLKJS		VBLKVA		VBLKVZ		VSBLK552		VSBLK5		VSBLK539	
ME →													
DATE EXTRACTED →													
DATE ANALYZED →		12/20/94		12/22/94		12/22/94		12/29/94		12/30/94		12/23/94	
MATRIX →		Water		Water		Water		Water		Water		Water	
UNITS →		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0027P	VAL	0027P	VAL	0027P	VAL	0004L	VAL	0019L	VAL	0027P	VAL
VOA	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Methylene chloride	2.	U	1.	J	1.	J	3.	J	1.	J	1.	J
VOA	Acetone	5.	U	5.	U	5.	U	5.	J	5.	U	5.	U
VOA	Carbon dirulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	cis-1,2-Dichloroethylene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethene, 1,2-dichloro-, (E)-	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chloroform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	2-Butanone (MEK)	5.	U	[illegible]	U	5.	U	5.	U	5.	U	5.	U
VOA	Chlorobromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Carbon tetrachloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,2-Dichloropropane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Trichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	trmr-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Bromoform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
VOA	2-Hexanone	5.	U	5.	U	5.	U	[illegible]	U	5.	U	5.	U
VOA	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethylene dibromide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Toluene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
VOA	m[illegible]lenes	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

	SAMPLE ID ——>	VBL-T-027P-01		VBL-T-027P-02		VBL-T-027P-03		VSB-T-004L-08		VSB-T-019L-04		VSB-T-027P-04	
	ORIGINAL ID ——>	VBLKJS		VBLKVA		VBLKVZ		VSBLK552		VSBLK5		VSBLK539	
	LAB SAMPLE ID —>	VBLKJS		VBLKVA		VBLKVZ		668740		669295		668029	
	ID FROM REPORT —>	VBLKJS		VBLKVA		VBLKVZ		VSBLK552		VSBLK5		VSBLK539	
	SAMPLE DATE ——>												
	DATE EXTRACTED —>												
	DATE ANALYZED —>	12/20/94		12/22/94		12/22/94		12/29/94		12/30/94		12/23/94	
	MATRIX ——>	Uater		Water		Uater		Water		Water		Uater	
	UNITS ——>	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Method	Parameter	0027P	VAL	0027P	VAL	0027P	VAL	0004L	VAL	0019L	VAL	0027P	VAL
/OA	1,3-Dichlorobenzene	1.	U	1.	U	[illegible]	U	1.	U	1.	U	1.	U
/OA	1,4-Dichlorobenzene	1.	U	1.	U	[illegible]	U	1.	U	1.	U	1.	U
/OA	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
/OA	DBCP	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
/OA	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

PENSACOLA, SITE 34
PBNSACOLA, SITE 34 DECEMBER SAMPLING

SAMPLE ID	ZHE-T-027P-05
ORIGINAL ID	ZHEBLK
LAB SAMPLE ID	668892
ID FROM REPORT	ZHEBLK
SAMPLE DATE	
DATE EXTRACTED	
DATE ANALYZED	12/20/94
MATRIX	Water
UNITS	UG/L

Method	Parameter	0027P	VAL
VOA	Chloromethane	1.	U
VOA	Bromomethane	1.	U
VOA	Vinyl chloride	1.	U
VOA	Chloroethane	1.	U
VOA	Methylene chloride	12.	J
VOA	Acetone	5.	J
VOA	Carbon disulfide	1.	U
VOA	1,1-Dichloroethene	1.	U
VOA	1,1-Dichloroethane	1.	U
VOA	cis-1,2-Dichloroethylene	1.	U
VOA	Ethene, 1,2-dichloro-, (E)-	1.	U
VOA	Chloroform	18.	J
VOA	1,2-Dichloroethane	1.	U
VOA	2-Butanone (MEK)	5.	U
VOA	Chlorobromomethane	1.	U
VOA	1,1,1-Trichloroethane	1.	U
VOA	Carbon tetrachloride	1.	U
VOA	Bromodichloromethane	1.	U
VOA	1,2-Dichloropropane	1.	U
VOA	cis-1,3-Dichloropropene	1.	U
VOA	Trichloroethene	1.	U
VOA	Dibromochloromethane	1.	U
VOA	1,1,2-Trichloroethane	1.	U
VOA	Benzene	1.	U
VOA	trans-1,3-Dichloropropene	1.	U
VOA	Bromoform	1.	U
VOA	4-Methyl-2-Pentanone (MIBK)	5.	U
VOA	2-Hexanone	5.	U
VOA	Tetrachloroethene	1.	U
VOA	1,1,2,2-Tetrachloroethane	1.	U
VOA	Ethylene dibromide	1.	U
VOA	Toluene	1.	U
VOA	Chlorobenzene	1.	U
VOA	Ethylbenzene	1.	U
VOA	Styrene	1.	U
VOA	m+p-Xylenes	1.	U

*** Validation Complete +**

	SAMPLE ID ——>	ZHE-T-027P-05					
	ORIGINAL ID ——>	ZHEBLK					
	LAB SAMPLE ID ——>	668892					
	ID FROM REPORT ——>	ZHEBLK					
	SAMPLE DATE ——>						
	DATE EXTRACTED ——>						
	DATE ANALYZED ——>	12/20/94					
	MATRIX ——>	Water					
	UNITS ——>	UG/L					
Method	Parameter	0027P	VAL				
VOA	1,3-Dichlorobenzene	1.	U				
VOA	1,4-Dichlorobenzene	1.	U				
VOA	1,2-Dichlorobenzene	1.	U				
VOA	DBCP	1.	U				
VOA	1,2-Dichloroethene (total)	NR					

Appendix E

Physical Parameters Analytical Data

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M4-14866

Received: 31 AUG 94

Hr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148194

Project: CTO-0070-00030
Sampled By: J.Hagar/P.Hardy

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED	SDG#
14866-1	034GR00101	08-30-94	EAH025
14866-2	034GS00101	08-30-94	EAH025
14866-3	029GR00101	08-30-94	EAH025
14866-4	029GR00601	08-30-94	EAH025
14866-5	009GR00401	08-30-94	EAH025

PARAMETER	14866-1	14866-2	14866-3	14866-4	14866-5
Biochemical Oxygen Demand (SM507)					
5 Day BOD (SM 507). mg/l	3.1	<2.0	<2.0	<2.0	<2.0
Date Analyzed	08.31.94	08.31.94	08.31.94	08.31.94	08.31.94
Analyst	CC	CC	CC	CC	CC
Total Suspended Solids (EPA 160.2)					
TSS (EPA 160.2), mg/l	4.4	6.4	2.4	<2.0	4.0
Date Analyzed	09.0611100	09.06/1100	09.0611100	09.0611100	09.0611100
Analyst	CE	CE	CE	CE	CE
Total Alkalinity as CaCO3 (EPA 310.1)					
Alkalinity as CaCO3, mgll	140	61	130	47	130
Date Analyzed	09.14.94	09.12.94	09.12.94	09.12.94	09.12.94
Analyst	JC	JC	JC	JC	JC
Nitrate as N (EPA 353.2)					
Nitrate-N, mg/l	<0.10	<0.10	<0.10	1.0	<0.10
Sample Preparation	09.01.94	09.01.94	09.01.94	09.01.94	09.01.94
Date Analyzed	09.01.94	09.01.94	09.01.94	09.01.94	09.01.94
Analyst	BB	BB	BB	BB	BB
Chemical Oxygen Demand (SM508)					
Chemical Oxygen Demand, mg/l	28	<20	40	<20	59
Date Analyzed	09.0610815	09.01/0800	09.0610815	09.01/0800	09.0610815
Analyst	AKS	AKS	AKS	AKS	AKS

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LOG NO: H4-14866

Received: 31 AUG 94

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Mr. Earl Austin
EnSafe/Allen & Hoshall
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Samplad By: J.Hagar/P.Hardy

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION, LIQUID SAMPLES	DATE SAMPLED	SDG#
14866-1	034GR00101	08-30-94	EAH025
14866-2	034GS00101	08-30-94	EAH025
14866-3	029GR00101	08-30-94	EAH025
14866-4	029GR00601	08-30-94	EAH025
14866-5	009GR00401	08-30-94	EAH025

PARAMETER	14866-1	14866-2	14866-3	14866-4	14866-5
Total Phosphorus (EPA 365.4)					
Phosphorus. Total, mg/l	0.23	0.22	0.13	0.12	0.089
Sample Preparation	09.07.94	09.07.94	09.07.94	09.07.94	09.07.94
Data Analyzed	09.08.94	09.08.94	09.08.94	09.08.94	09.08.94
Analyst	BB	BB	BB	BB	BB
Total Kjeldahl Nitrogen as N (351.2)					
Kjeldahl Nitrogen-N, mg/l	0.49	0.96	0.43	0.15	0.53
Sample Preparation	09.07.94	09.07.94	09.07.94	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94	09.08.94	09.08.94	09.08.94
Analyst	BB	BB	BB	BB	BB
Hardness (SM314A)					
Hardness, as CaCO3, mg/l	130	54	110	55	130
Sample Preparation	09.09.94	09.09.94	09.09.94	09.09.94	09.09.94
Date Analyzed	09.14.94	09.14.94	09.14.94	09.14.94	09.14.94
Analyst	EO	EO	EO	EO	EO
Heterotrophic Plate Count (SM 907A)					
Standard Plate Count, No/ml	180	220	28	110	380
Date Analyzed	08.31.94	08.31.94	08.31.94	08.31.94	08.31.94
Analyst	CE	CE	CE	CE	CE

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LOG NO: M4-14867

Received: 31 AUG 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148194

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED	SDG#
14867-1	0035001604	08-30-94	EAH026
14867-2	0035001104	08-30-94	EAH026
14867-3	0035000603	08-30-94	EAH026
14867-4	0095000203	08-30-94	EAH026
14867-5	0095000902	08-30-94	EAH026

PARAMETER	14867-1	14867-2	14867-3	14867-4	14867-5
Heterotrophic Plate Count (SM 907A)					
Standard Plate Count, No/g	14000	910000	2700	1100000	1300000
Date Analyzed	09.07.94	09.07.94	09.07.94	09.07.94	09.07.94
Analyst	CE	CE	CE	CE	CE
Total Phosphorus (EPA 365.4)					
Phosphorus, Total, mg/kg dw	16	23	<10	71	340
Sample Preparation	09.07.94	09.07.94	09.07.94	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94	09.08.94	09.08.94	09.08.94
Analyst	BB	BB	BB	BB	BB
Nitrate as N (EPA 353.2)					
Nitrate- N, mg/kg dw	<2.0	<2.0	<2.0	<2.0	<2.0
Sample Preparation,	09.01.94	09.01.94	09.01.94	09.01.94	09.01.94
Date Analyzed	09.01.94	09.01.94	09.01.94	09.01.94	09.01.94
Analyst	BB	BB	BB	BB	BB
Total Kjeldahl Nitrogen as N (351.2)					
Kjeldahl Nitrogen-N, mg/kg dw	73	63	75	200	210
Sample Preparation	09.07.94	09.07.94	09.07.94	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94	09.08.94	09-08.94	09.08.94
Analyst	BB	BB	BB	BB	BB
Total Organic Carbon (EPA 415.1)					
Organic Carbon, mg/kg dw	260	710	690	1100	2200
Sample Preparation	09.08.94	09.08.94	09.08.94	09.12.94	09.12.94
Date Analyzed	09.09.94	09.09.94	09.09.94	09.14.94	09.14.94
Analyst	AKS	AKS	AKS	AKS	AKS

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LOG NO: M4-14867

Received: 31 AUG 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148/94

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED	SDG#
14867-1	0035001604	08-30-94	EAH026
14867-2	0035001104	08-30-94	EAH026
14867-3	0035000603	08-30-94	EAH026
14867-4	0095000203	08-30-94	EAH026
14867-5	0095000902	08-30-94	EAH026

PARAMETER	14867-1	14867-2	14867-3	14867-4	14867-5
Cation Exchange Capacity (EPA 9081)					
Cation Exchange Capacity. mEq/100g	1.4	1.4	0.38	4.2	2.9
Date Extracted	09.12.94	09.12.94	09.12.96	09.12.94	09.12.94
Date Analyzed	09.15.94	09.15.94	09.15.94	09.15.94	09.15.94
Analyst	EO/PC	EO/PC	EO/PC	EO/PC	EO/PC

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES, INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M4-14866

Received: 31 AUG 94

Purchase Order: E-0148194

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Project: CTO-0070-00030
Sampled By: J.Hagar/P.Hardy

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED	SDG#
14866-6	EnSafe Matrix Spike % Recovery	08-30-94	EAH025
14866-7	EnSafe Matrix Spike Duplicate % Recovery	08-30-94	EAH025

PARAMETER	14866-6	14866-7
TSS (EPA 160.2)	101 %	99 %
Alkalinity as CaCO3	89 %	90 %
Nitrate-N	102 %	104 %
Chemical Oxygen Demand	95 %	99 %
hosphorus, Total	100 %	101 %
jeldahl Nitrogen-N	97 %	96 %
Hardness, as CaCO3	109 %	89 %

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES. INC.

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LOG NO: M4-14866

Received: 31 AUG 94

Purchase Order: E-0148/94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Project: CTO-0070-00030
Sampled By: J.Hagar/P.Hardy

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	SDG#
14866-8	Quantitation Limit	EAH025
14866-9	Accuracy (X Recovery for LCS/LCSD)	EAH025
14866-10	Precision (Relative X Difference for LCS/LCSD)	EAH025

PARAMETER	14866-8	14866-9	14866-10
5 Day BOD (SM 507), mg/l	2.0	92193 %	1.1 %
TSS (EPA 160.2). mg/l	2.0	1061106 %	0 %
Alkalinity as CaCO3, mg/l	1.0	99199 %	0 X
Nitrate-N, mg/l	0.050	98/97 X	1.0 %
Chemical Oxygen Demand, mgll	20	1111107 %	3.7 X
Phosphorus, Total, mgll	0.050	103/106 X	2.9 X
Kjeldahl Nitrogen-N, mg/l	0.10	87/88 X	1.1 X
Hardness, as CaCO3, mgll	3.3	100/100 X	0 X
Standard Plate Count, NO/ml	1	---	---

Michele H. Lersch

Michele H. Lersch

Final Page Of Report

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M4-14867

Received: 31 AUG 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148194

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	SDG#
14867-9	Ensafe Matrix Spike % Recovery	EAH026
14867-10	Ensafe Matrix Spike Duplicate % Recovery	EAH026

PARAMETER	14867-9	14867-10
Phosphorus, Total	115 %	112 %
Nitrate-N	100 %	103 %
Kjeldahl Nitrogen-N	95 %	92 %
Organic Carbon, mg/l	101 %	103 %

SL SAVANNAH LABORATORIES
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900 Lakeside Drive • Mobile, Alabama 36693-5118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M4-14867

Received: 31 AUG 94

Purchase Order: E-0148190

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	SDG#
14867-11	Quantitation Limit	EAH026
14867-12	Accuracy (% Recovery for LCS/LCSD)	EAH026
14867-13	Precision (Relative % Difference for LCS/LCSD)	EAH026

PARAMETER	14867-11	14867-12	14867-13
Standard Plate Count, NO/g	100	---	---
Phosphorus, Total, mg/kg	10	103/106 %	2.9 %
Nitrate-N, mg/kg	2.0	98/97 %	1.0 %
Kjeldahl Nitrogen-N, mg/kg	20	87/88 %	1.1 %
·ganic Carbon. mg/kg	50	79/84 %	6.1 %
·ation Exchange Capacity, meq/100g	0.10	102/93 %	9.2 %

Michele H. Lersch

Michele H. Lersch

Final Page Of Report

SL SAVANNAH LABORATORIES
& ENVIRONMENTAL SERVICES. INC.

900 Lakeside Drive • Mobile, Alabama 366935118 • (205) 666-6633 • Fax (205) 666-6696

LOG NO: M4-14867

Received: 31 AUG 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148/94

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED	SDG#
14867-6	0095000402	08-30-94	EAH026
14867-7	0295000103	08-30-94	EAH026
14867-8	0345000103	08-30-94	EAH026

PARAMETER	14867-6	14867-7	14867-8
Heterotrophic Plate Count (SM 907A)			
Standard Plate Count, No/g	1100000	1500000	300000
Date Analyzed	09.07.94	09.07.94	09.07.94
Analyst	CE	CE	CE
Total Phosphorus (EPA 365.4)			
Phosphorus, Total, mg/kg dw	97	69	26
Sample Preparation	09.07.94	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94	09.08.94
Analyst	BB	BB	BB
Nitrate as N (EPA 353.2)			
Nitrate- N, mg/kg dw	<2.0	<2.0	<2.0
Sample Preparation,	09.01.94	09.01.94	09.01.94
Date Analyzed	09.01.94	09.01.94	09.01.94
Analyst	BB	BB	BB
Total Kjeldahl Nitrogen as N (351.2)			
Kjeldahl Nitrogen-N, mg/kg dw	260	86	71
Sample Preparation	09.07.94	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94	09.08.94
Analyst	BB	BB	BB
Total Organic Carbon (EPA 415.1)			
Organic Carbon, mg/kg dw	2500	640	650
Sample Preparation	09.12.94	09.08.94	09.12.94
Date Analyzed	09.14.94	09.09.94	09.14.94
Analyst	AKS	AKS	AKS

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LOG NO: M4-14867

Received: 31 AUG 94

Purchase Order: E-0148194

Hr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED	SDG#
14867-6	0095000402	08-30-94	EAH026
14867-7	0295000103	08-30-94	EAH026
14867-8	0345000103	08-30-94	EAH026

PARAMETER	14867-6	14867-7	14867-8
Cation Exchange Capacity (EPA 9081)			
Cation Exchange Capacity, mEq/100g	3.6	1.2	1.5
Date Extracted	09.12.94	09.12.94	09.12.94
Date Analyzed	09.15.94	09.15.94	09.15.94
Analyst	EO/PC	EO/PC	EO/PC

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LOG NO: M4-14868

Received: 31 AUG 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148/94

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE SAMPLED	SDG#
14868-1	009GR00901	08-30-94	EAH025
14868-2	009GR00201	08-30-94	EAH025
14868-3	003GR00601	08-30-94	EAH025
14868-4	003GR01601	08-30-94	EAH025
14868-5	003GR01101	08-30-94	EAH025

PARAMETER	14868-1	14868-2	14868-3	14868-4	14868-5
Biochemical Oxygen Demand (SM507)					
5 Day BOD (SM 507). mg/l	<2.0	<2.0	100	10	<2.0
Date Analyzed	08.31.94	08.31.94	09.06.94	08.31.94	08.31.94
Analyst	CC	CC	CC	CC	CC
Total Suspended Solids (EPA 160.2)					
TSS (EPA 160.2). mg/l	2.8	<2.0	21	120	2.0
Date Analyzed	09.0611100	09.0611100	09.0611100	09.06/1100	09.0611100
Analyst	CE	CE	CE	CE	CE
Total Alkalinity as CaCO3 (EPA 310.1)					
Alkalinity as CaCO3, mgll	28	36	16	8.4	6.6
Date Analyzed	09.13.94	09.13.94	09.13.94	09.13.94	09.13.94
Analyst	JC	JC	JC	JC	JC
Nitrate as N (EPA 353.2)					
Nitrate-N, mgll	<0.10	<0.10	<0.10	<0.10	<0.10
Sample Preparation	09.01.94	09.01.94	09.01.94	09.01.94	09.01.94
Date Analyzed	09.01.94	09.01.94	09.01.94	09.01.94	09.01.94
Analyst	BB	BB	BB	BB	BB
Chemical Oxygen Demand (SM508)					
Chemical Oxygen Demand, mgll	<20	<20	430	37	<20
Date Analyzed	09.01/0800	09.0110800	09.0110800	09.01/0800	09.01/0800
Analyst	AKS	AKS	AKS	AKS	AKS

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LOG NO: M4-14868

Received: 31 AUG 94

Purchase Order: E-0148/94

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EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION • LIQUID SAMPLES	DATE SAMPLED	SDG#
14868-1	009GR00901	08-30-94	EAH025
14868-2	009GR00201	08-30-94	EAH025
14868-3	003GR00601	08-30-94	EAH025
14868-4	003GR01601	08-30-94	EAH025
14868-5	003GR01101	08-30-94	EAH025

PARAMETER	14868-1	14868-2	14868-3	14868-4	14868-5
Total Phosphorus (EPA 365.4)					
Phosphorus, Total, mg/l	0.052	<0.050	0.15	<0.050	<0.050
Sample Preparation	09.07.94	09.07.94	09.07.94	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94	09.08.94	09.08.94	09.08.94
Analyst	BB	BB	BB	BB	BB
Total Kjeldahl Nitrogen as N (351.2)					
Kjeldahl Nitrogen-N, mg/l	0.16	0.11	3.2	0.46	0.12
Sample Preparation	09.07.94	09.07.94	09.07.94	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94	09.08.94	09.08.94	09.08.94
Analyst	BB	BB	BB	BB	BB
Hardness (SM314A)					
Hardness, as CaCO3, mg/l	32	38	29	7.1	14
Sample Preparation	09.09.94	09.09.94	09.09.94	09.09.94	09.09.94
Date Analyzed	09.14.94	09.14.94	09.14.94	09.14.94	09.14.94
Analyst	EO	EO	EO	EO	EO
Heterotrophic Plate Count (SM 907A)					
Standard Plate Count, No/ml	130	10	250	470	70
Date Analyzed	08.31.94	08.31.94	08.31.94	08.31.94	08.31.94
Analyst	CE	CE	CE	CE	CE

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LOG NO: M4-14949

Received: 02 SEP 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148194

Project: CTO-0070-00030
Sampled 'By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID
14949-3	Quantitation Limit
14949-4	Accuracy (% Recovery for LCS/LCSD)
14949-5	Precision (Relative % Difference for LCS /LCSD)

PARAMETER	14949-3	14949-4	14949-5
Standard Plate Count, NO/g	100	---	---
Phosphorus, Total, mg/kg	10	103/106 %	2.9 %
Nitrate-N, mg/kg	2.0	96/96 %	0 %
Kjeldahl Nitrogen-N, mg/kg	20	87/88 %	1.1 %
Organic Carbon, mg/kg	50	79/84 %	6.1 %
Cation Exchange Capacity, meq/100g	0.10	102/93 %	9.2 %

Michele H. Lersch

Michele H. Lersch

Final Page Of Report

14949

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PHYSICAL PARAMETERS ANALYSIS:
Savannah Laboratories
900 Lakeside Drive
Mobile, Alabama 36691-0248
Attention: Michelle Lersch
1-205-666-6633

PAGE 1 OF 1

CLIENT: EnSafe/Allen & Hoshall
5724 Summer Trees
Memphis, TN. 38134

PROJECT MANAGER: Henry Beiro
TELEPHONE NO. (901) 372-7962
FAX NO. (901) 372-2454

PROJECT NAME/NUMBER: 0070-00030
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE 94	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	1000-TSS-PO4-NITRATE-N	1000-TKN-TOTAL-PHOSP.	HARDNESS	HETEROTROPHIC PLATE COUNT	TOTAL PHOSP. NITRATE-N, TKN	TOC, CATION EX. CAP.			REMARKS
0295000603	9-1	1100	S	1000ml HPC	4°C	—	1				X	X	X			
0345000106	9-1	1200	S	"	"	"	1				X	X	X			

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	9-1 1993	SIGNATURE	9/2/94	SIGNATURE		SIGNATURE	
PRINTED Steve Parker	TIME	PRINTED	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H	1700	COMPANY	1445	COMPANY		COMPANY	
REASON ANALYSIS		REASON		REASON		REASON	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO. 9978262840
SPECIAL INSTRUCTION: PRIORITY

COMMENTS: Please relinquish 500ml poly to Thompson Hoe for ~~sent sep~~ grain size

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

058COCR1

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LOG NO: M4-14868

Received: 31 AUG 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: E-0148194

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	SDG#
14868-6	Quantitation Limit	EAH025
14868-7	Accuracy (X Recovery for LCS/LCSD)	EAH025
14868-8	Precision (Relative % Difference for LCS/LCSD)	EAH025

PARAMETER	14868-6	14868-7	14868-8
5 Day BOD (SM 507), mg/1	2.0	92/93 %	1.1 %
TSS (EPA 160.2), mg/1	2.0	1061106 %	0 X
Alkalinity as CaCO3, mg/1	1.0	99/100 %	1.0 %
Nitrate-N, mg/1	0.050	98/97 %	1.0 %
Chemical Oxygen Demand, mg/1	20	96/95 %	1.0 %
Phosphorus, Total, mg/1	0.050	1031106 %	2.9 %
Kjeldahl Nitrogen-N, mg/1	0.10	87/88 %	1.1 %
Hardness, as CaCO3, mg/1	3.3	100/100 %	0 X
Standard Plate Count, NO/ml	1	---	---

Michele H. Lersch

Michele H. Lersch

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LOG NO: H4-14948

Received: 02 SEP 94

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

Purchase Order: #E-0179/93

Project: N0059C0030
Sampled By: Client

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED
14948-1	029S000605	09-01-94
14948-2	034S000108	09-01-94

PARAMETER	14948-1	14948-2
Grain Size (ASTM D421/422/1140)		
% Passing sieve No.4	*	*
Date Analyzed	09.12.94	09.12.94

*See attached reports

Michele H. Lersch

Michele H. Lersch

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LOG NO: M4-14949

Received: 02 SEP 94

Purchase Order: E-0148194

Mr. Earl Austin
EnSafe/Allen & Boshall
P.O. Box 341315
Memphis, TN 38134

Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED	SDG#
14949-1	029S000603	09-01-94	EAH026
14949-2	034S000106	09-01-94	EAH026

PARAMETER	14949-1	14949-2
Heterotrophic Plate Count (SM 907A)		
Standard Plate Count, No/g	1000	41000
Date Analyzed	09.07.94	09.07.94
Analyst	CE	CE
otal Phosphorus (EPA 365.4)		
Phosphorus, Total, mg/kg dw	<10	15
Sample Preparation	09.07.94	09.07.94
Date Analyzed	09.08.94	09.08.94
Analyst	BB	BB
Nitrate as N (EPA 353.2)		
Nitrate-N, mg/kg dw	<2.0	<2.0
Sample Preparation	09.13.94	09.13.94
Date Analyzed	09.14.94	09.14.94
Analyst	BB	BB
Total Kjeldahl Nitrogen as N (351.2)		
Kjeldahl Nitrogen-N, mg/kg dw	<20	<20
Sample Preparation	09.07.94	09.07 .94
Date Analyzed	09.08.94	09.08.94
Analyst	BB	BB
Total Organic Carbon (EPA 415.1)		
Organic Carbon, mg/kg dw	57	500
Sample Preparation	09.08.94	09.08.94
Date Analyzed	09.09.94	09.09.94
Analyst	AKS	AKS

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

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LOG NO: M4-14949

Received: 02 SEP 94

Purchase Order: E-0148194

Mr. Earl Austin
EnSafe/Allen & Hoshall
P.O. Box 341315
Memphis, TN 38134

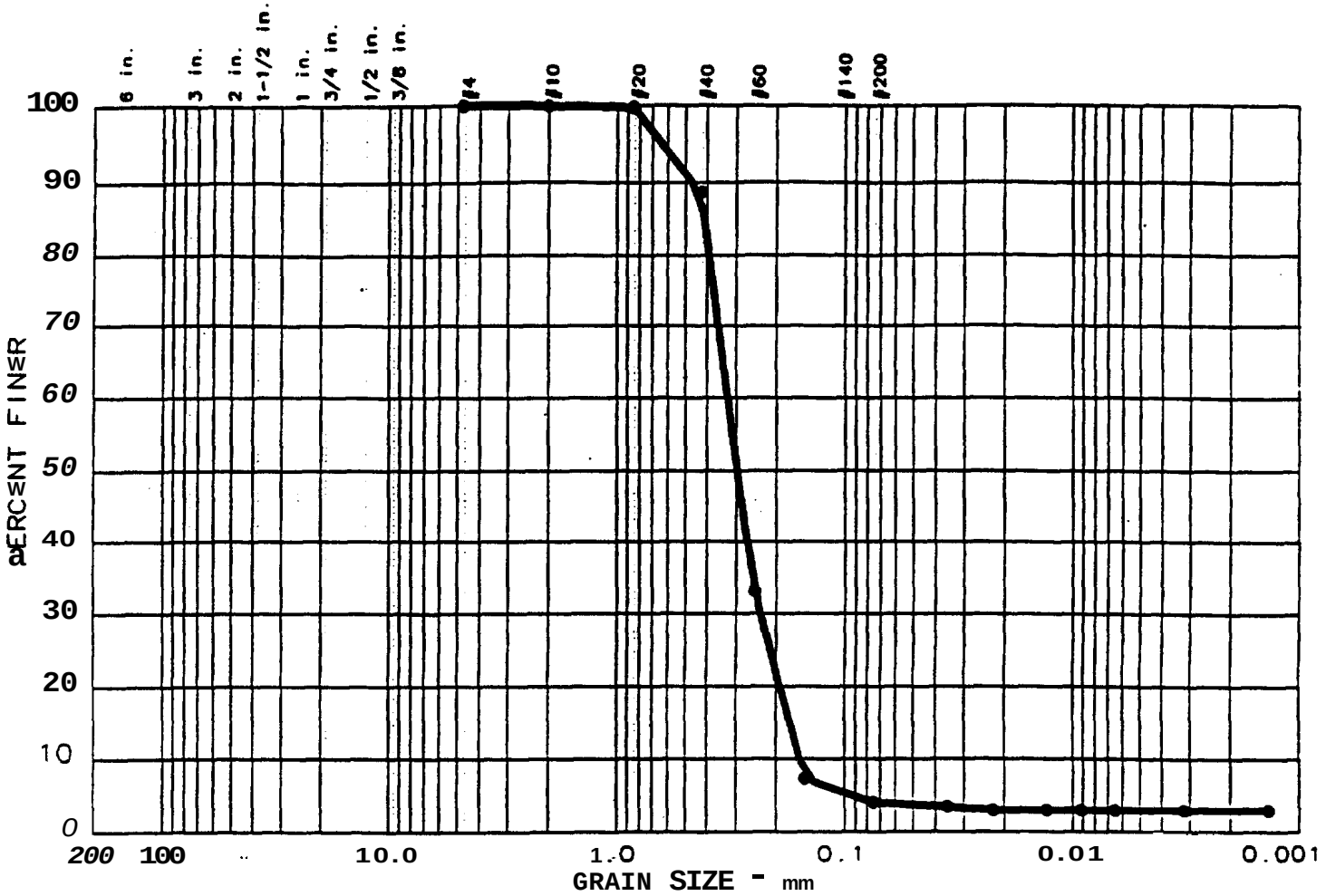
Project: CTO-0070-00030
Sampled By: S.Parker

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE SAMPLED	SDG#
14949-1	029S000603	09-01-94	EAH026
14949-2	034S000106	09-01-94	EAH026

PARAMETER	14949-1	14949-2
Cation Exchange Capacity (EPA 9081)		
Cation Exchange Capacity, mEq/100g	0.49	1.2
Date Extracted	09.12.94	09.12.94
Date Analyzed	09.15.94	09.15.94
Analyst	EO/PC	EO/PC

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	4	0.0	0.0	95.9	1.1	3.0

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
o	- -	- -	0.41	0.33	0.30	0.235	0.1740	0.1579	1.07	2.1

MATERIAL DESCRIPTION	USCS	AASHTO
● MEDIUM TO FINE SAND	(SP)	AASHTO

Project No.: P94055
Project: 0070-00030
● Location: 0095000205

Date: 03/06/94

Remarks:
CLIENT: ENSAFE/ALLEN & HOSHALL

PARTICLE SIZE DISTRIBUTION TEST REPORT
THOMPSON ENGINEERING

figure No. 4

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 4

Date: 09/08/94
Project No.: P94055
Project: 0070-00030

Sample Data

Location of Sample: 0095000205
Sample Description: MEDIUM TO FINE SAND
USCS Class: (SP)
AASHTO Class: - - -
Liquid limit: - -
Plasticity index: - -

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Fig. No.: 4

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	100.00	95.93
Tare =	0.00	0.00
Dry sample weight =	100.00	95.93

Minus #200 from wash= 4.1 %
Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
# 4	0.00	100.0
# 10	0.13	99.9
# 20	0.23	99.8
# 40	11.28	88.7
# 60	66.83	33.2
# 100	92.64	7.4
# 200	95.93	4.1

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 99.9
Weight of hydrometer sample: 100
Calculated biased weight= 100.13
Table of composite correction values:

Temp, deg C:	21.0	23.5
Comp. corr:	- 6.0	- 6.0

Meniscus correction only= 0
Specific gravity of solids= 2.66
Specific gravity correction factor= 0.998
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	23.4	9.5	3.5	0.0131	9.5	14.3	0.0354	3.5
5.0	23.5	9.0	3.0	0.0130	9.0	14.8	0.0224	3.0
15.0	23.4	9.0	3.0	0.0131	9.0	14.8	0.0130	3.0
30.0	23.5	9.0	3.0	0.0130	9.0	14.8	0.0092	3.0
60.0	23.4	9.0	3.0	0.0131	9.0	14.8	0.0065	3.0
250.0	22.9	9.0	3.0	0.0131	9.0	14.8	0.0032	3.0
1440.0	21.0	9.0	3.0	0.0134	9.0	14.8	0.0014	3.0

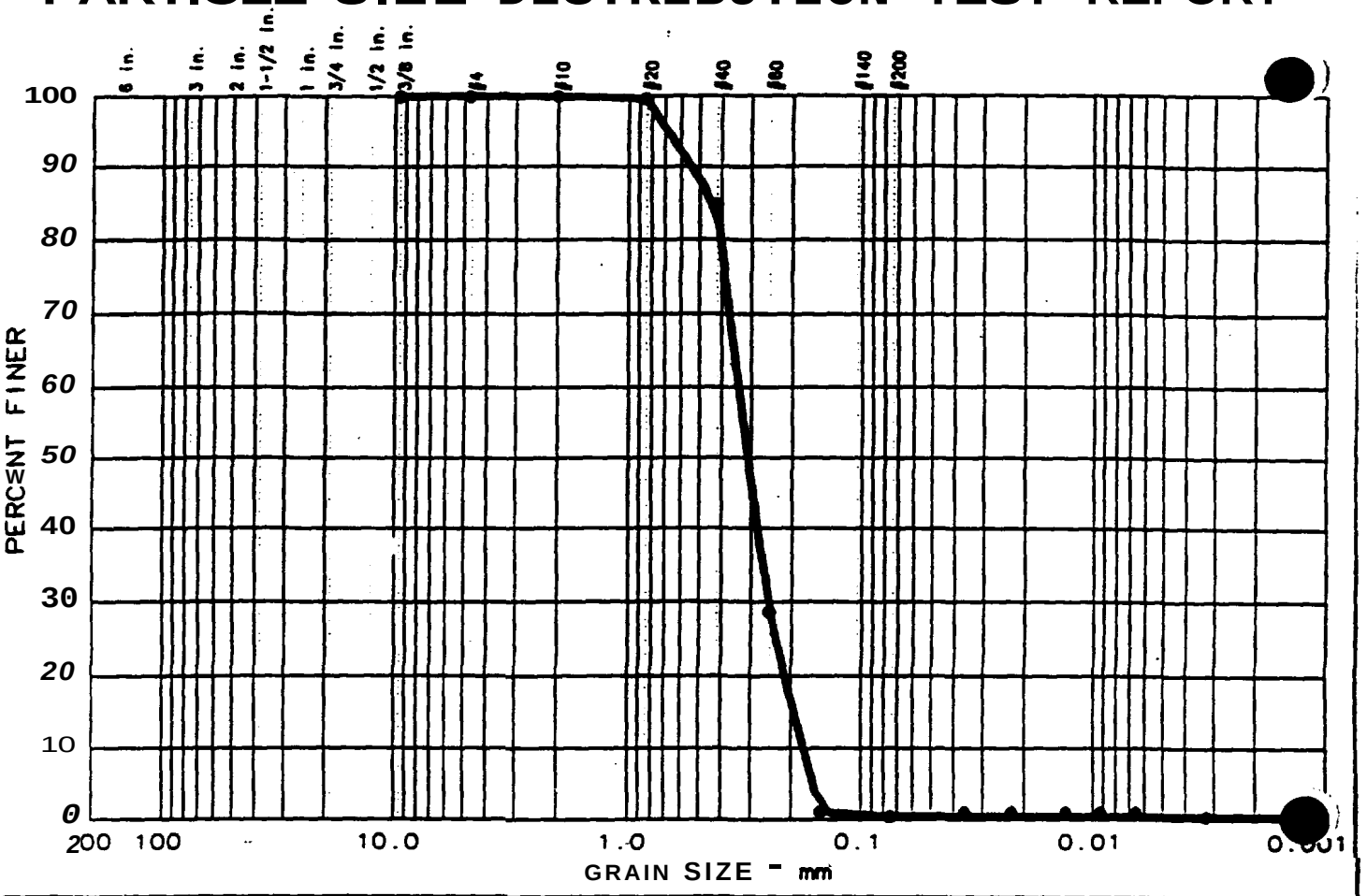
Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 95.9
% SILT = 1.1 % CLAY = 3.0

D85= 0.41 D60= 0.327 D50= 0.298
D30= 0.2347 D15= 0.17398 D10= 0.15794
Cc = 1.0678 Cu = 2.0678

Leroy Bayley
THOMPSON ENGINEERING TESTING, INC.
MATERIALS ENGINEERING LABORATORY

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
o	5	0.0	0.0	99.6	0.4	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●	- -	- -	0.43	0.34	0.31	0.254	0.1941	0.1770	1.07	1.9

MATERIAL DESCRIPTION	USCS	AASHTO
o MEDIUM TO FINE SAND	(SP)	- - -

Project No.: P94055
Project: 0070-00030
● Location: 0095000404

Rcmarks:
CLIENT: ENSAFE/ALLEN & HOSHALL

Date: 09/08/94

PARTICLE SIZE DISTRIBUTION TEST REPORT

THOMPSON ENGINEERING

Figure No. 5

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 5

Date: 09/08/94
Project No.: P94055
Contract: 0070-00030

Sample Data

Location of Sample: 0095000404
Sample Description: MEDIUM TO FINE SAND
USCS Class: (SP) Liquid limit: - -
AASHTO Class: - - - Plasticity index: - -

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Fig. No.: 5

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare==	100.00	99.58
Tare =	0.00	0.00
Dry sample weight =	100.00	99.58

Minus #200 from wash= 0.4 %
Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.00	100.0
# 10	0.03	100.0
# 20	0.31	99.7
# 40	15.15	04.9
# 60	71.32	28.7
# 100	98.97	1.0
# 200	99.58	0.4

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete samples 100.0
Weight of hydrometer sample: 100
Calculated biased weight- 100.03
Table of composite correction values:

Temp, deg C:	21.0	23.4
Comp. corr:	- 6.0	- 6.0

Meniscus Correction only- 0
Specific gravity of solids- 2.66
Specific gravity correction factor= 0.998
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0359	1.0
5.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0227	1.0
15.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0131	1.0
30.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0093	1.0
60.0	23.4	7.0	1.0	0,0131	7.0	15.1	0.0066	1.0
250.0	22.9	6.5	0.5	0,0131	6.5	15.2	0.0032	0.5
1440.0	21.0	6.5	0.5	0.0134	6.5	15.2	0.0014	0.5

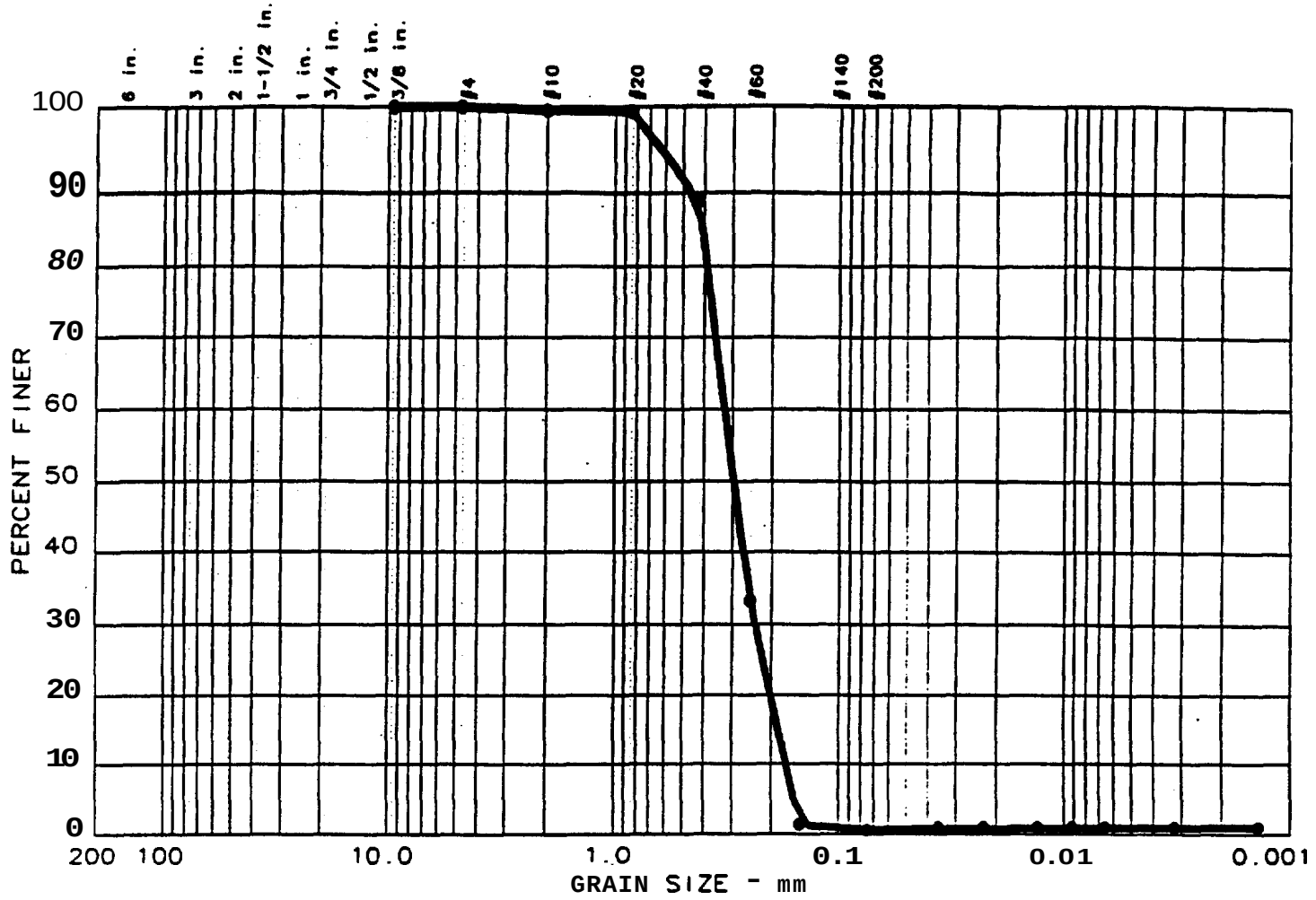
Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 It GRAVEL = 0.0 It SAND = 99.6
% FINES = 0.4

D85= 0.43 D60= 0.339 D50= 0.309
D30= 0.2535 D15= 0.19409 D10= 0.17701
Cc = 1.0715 Cu = 1.9143

Leroy Bailey
THOMPSON ENGINEERING TESTING, INC.
MATERIALS ENGINEERING LABORATORY

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	6	0.0	0.0	99.4	0.6	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
e	- -	- -	0.41	0.32	0.30	0.237	0.1860	0.1722	1.00	1.9

MATERIAL DESCRIPTION	USCS	AASHTO
● MEDIUM TO FINE SAND	(SP)	- - -

Project, No.: P94055
Project: 0070-00030
● Location: 0295000105

Date: 09/08/94

Remarks:
CLIENT: ENSAFE/ALLEN & HOSHALL

PARTICLE SIZE DISTRIBUTION TEST REPORT
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Figure No. 6

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 6

Date: 09/08/94
Project No.: P94055
Project: 0070-00030

Sample Data

Location of Sample: 0295000105
Sample Description: MEDIUM TO FINE SAND
USCS Class: (SP) Liquid limit: - -
AASHTO Class: - - - Plasticity index: - -

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Pig. No.: 6

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	100.00	99.42
Tare =	0.00	0.00
Dry sample weight =	100.00	99.42

Minus #200 from wash= 0.6 %
Error for cumulative weight retained- 0

Sieve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.00	100.0
# 10	0.50	99.5
# 20	0.60	99.4
# 40	10.98	89.0
# 60	66.66	33.3
# 100	98.66	1.3
# 200	99-42	0.6

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample- 99.5
Weight of hydrometer sample: 100
Calculated biased weight= 100.50
Table of composite correction values:

Temp, deg C:	21.0	23.4
Comp. corr:	- 6.0	- 6.0'

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 2

Date: 09/12/94
Project No.: P940458
Project: SAVANNAH #: M4-14948-1

Sample Data

Location of Sample: 0295000605
Sample Description: FINE SAND
USCS Class: (SP)
AASHTO Class: - - -
Liquid limit: - -
Plasticity index: - -

Notes

Remarks: CLIENT: SAVANNAH LABORATORIES

Fig. No.: 2

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	152.36	152.30
Tare =	0.00	0.00
Dry sample weight =	152.36	152.30

Minus #200 from wash= 0.0 %
Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.00	100.0
# 10	0.00	100.0
# 20	0.19	99.9
# 40	14.12	90.7
# 60	100.11	34.3
# 100	151.73	0.4
# 200	152.30	0.0

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 1.0 based on complete sample- 100.0
Weight of hydrometer sample: 152.36
Calculated biased weights 152.36
Table of composite correction values:
Temp, deg C: 23.3
Comp. corr: - 6.0

Meniscus correction only= 0
Specific gravity of solids= 2.66
Specific gravity correction factor 0.998
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

3

Elapsed time, min	Temp, deg C	Actual. reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	23.3	6.0	0.0	0.0131	6.0	15.3	0.0362	0.0
5.0	23.3	6.0	0.0	0.0131	6.0	15.3	0.0229	0.0
15.0	23.3	6.0	0.0	0.0131	6.0	15.3	0.0132	0.0
30.0	23.3	6.0	0.0	0.0131	6.0	15.3	0.0093	0.0
60.0	23.3	6.0	0.0	0.0131	6.0	15.3	0.0066	0.0
250.0	23.3	6.0	0.0	0.0131	6.0	15.3	0.0032	0.0
1440.0	23.3	6.0	0.0	0.0131	6.0	15.3	0.0013	0.0

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND =100.0

D85= 0.40 D60= 0.321 D50= 0.292
D30= 0.2342 D15= 0.18685 D10= 0.17318
Cc = 0.9863 Cu = 1.8535

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Meniscus correction only= 0
Specific gravity of solids= 2.66
Specific gravity correction factor= 0.998
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0359	1.0
5.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0227	1.0
15.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0131	1.0
30.0	23.5	7.0	1.0	0.0130	7.0	15.1	0.0093	1.0
60.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0066	1.0
250.0	22.9	7.0	1.0	0.0131	7.0	15.1	0.0032	1.0
1440.0	21.0	7.0	1.0	0.0134	7.0	15.1	0.0014	1.0

Fractional Components

Gravel/Sand based on X4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 99.4
% FINES = 0.6

D85= 0.41 D60= 0.325 D50= 0.296
D30= 0.2369 D15= 0.18599 D10= 0.17219
Cc = 1.0035 Cu = 1.8858

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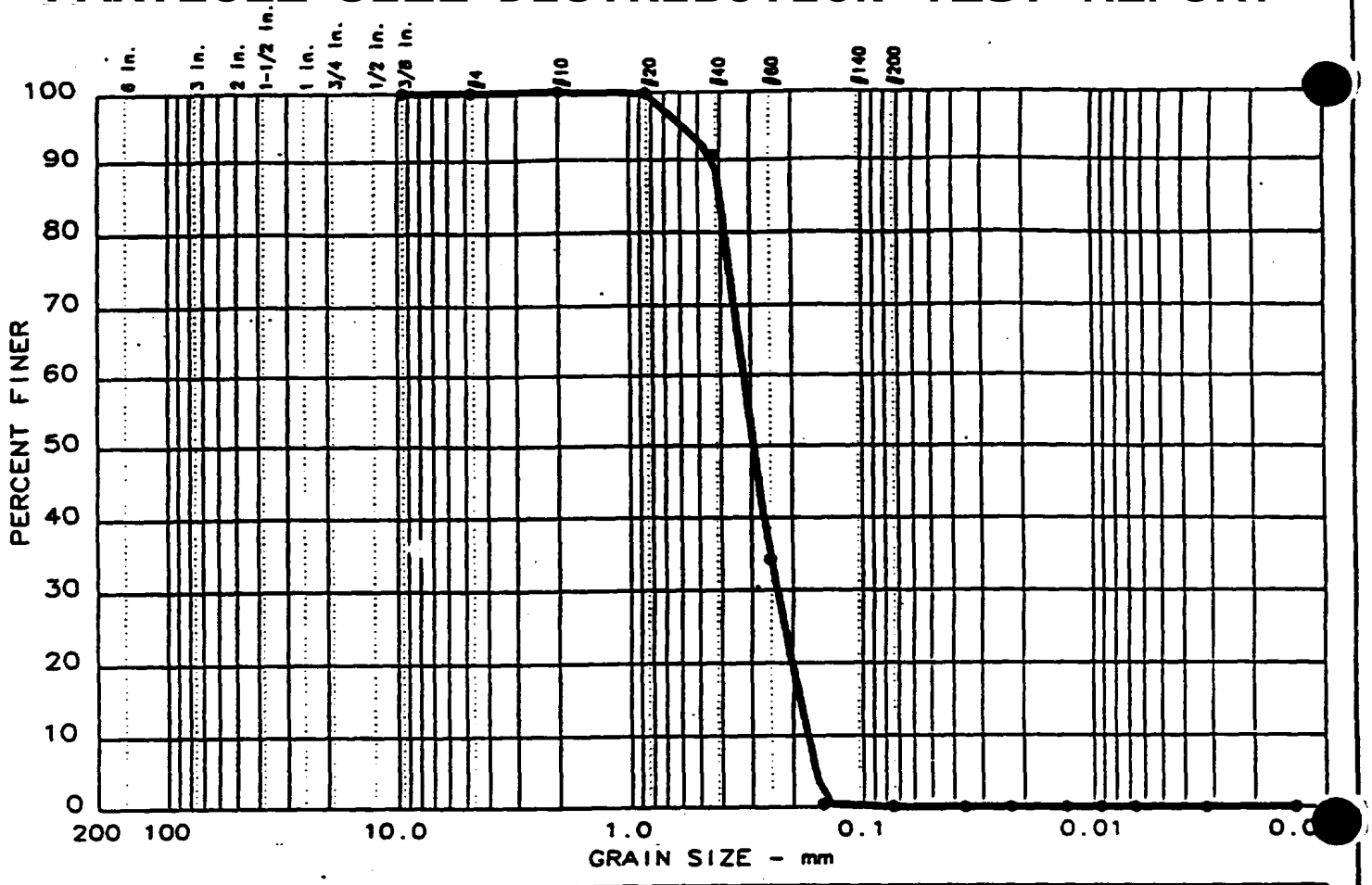
PARTICLE SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
2	0.0	0.0	100.0	0.0	

LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
- -	- -	0.40	0.32	0.29	0.234	0.1869	0.1732	0.99	1.9

MATERIAL DESCRIPTION	USCS	AASHTO
FINE SAND	(SP)	- - -

Project No.: P940458
Project: SAVANNAH #: M4-14948-1
8 Location: 0295000605

Date: 09/12/94

Remarks:
CLIENT: SAVANNAH LABORATORIES

PARTICLE SIZE DISTRIBUTION TEST REPORT
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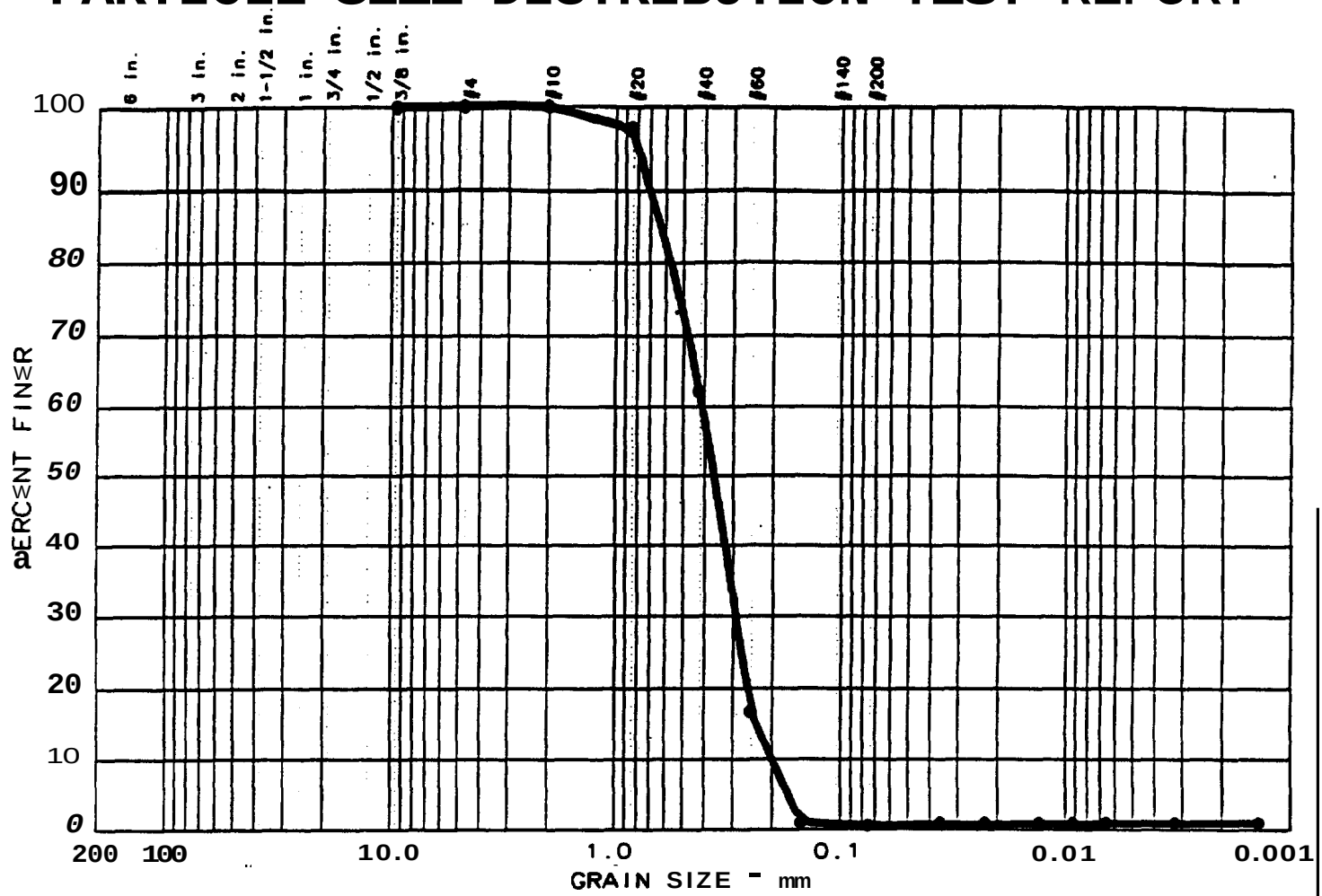
Figure No. 2

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	7	0.0	0.0	99.4	0.6	

LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
- -	- -	0.63	0.41	0.36	0.291	0.2355	0.2004	1.03	2.0

MATERIAL DESCRIPTION	USCS	AASHTO
● MEDIUM TO FINE SAND	(SP)	- - -

Remarks:

Project No.: P94055
Project: 0070-00030
● Location: 0545000105

Date. 09/08/94

CLIENT: ENSAFE/ALLEN & HOSHALL

PARTICLE SIZE DISTRIBUTION TEST REPORT
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Figure No. 7

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 7

Date: 09/08/94
Project No.: P94055
Project: 0070-00030

Sample Data

Location of Sample: 0345000105
Sample Description: MEDIUM TO FINE SAND
USCS Class: (SP)
AASHTO Class: - - -
Liquid limit: - -
Plasticity index: - -

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Pig. No.: 7

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare-	100.00	99.40
Tare =	0.00	0.00
Dry sample weight =	100.00	99.40

Minus #200 from wash- 0.6 %
T... for cumulative weight retained- 0

3ve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.00	100.0
# 10	0.00	100.0
# 20	2.62	97.4
# 40	37.77	62.2
# 60	83.19	16.0
# 100	98.96	1.0
# 200	99.40	0.6

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample- 100.0
Weight of hydrometer sample: 100
Calculated biased weight- 100.00
Table of composite correction values.:

Temp, deg C:	21.0	23.4
Comp. corr:	- 6.0	- 6.0

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 1

Date: 09/12/94
Project No. : P940458
Project: SAVANNAH #: M4-14948-2

Sample Data

Location of Sample: 034S000108
Sample Description: MEDIUM TO FINE SAND
USCS Class: (SP) Liquid limit: - -
AASHTO Class: - - - Plasticity index: - -

Notes

Remarks: CLIENT: SAVANNAH LABORATORIES

Fig. No.: 1

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	187.37	185.10
Tare =	0.00	0.00
Dry sample weight =	187.37	185.10

Minus #200 from wash= 1.2 %
Total for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.00	100.0
# 10	0.00	100.0
# 20	2.05	98.9
# 40	38.96	79.2
# 60	152.81	18.4
# 100	184.44	1.6
# 200	185.10	1.2

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 100.0
Weight of hydrometer sample: 187.37
Calculated biased weight= 187.37
Table of composite correction values:

Temp, deg C:	23.3	23.4
Comp. corr:	- 6.0	- 6.0

Meniscus correction only= 0
Specific gravity of solids= 2.66
Specific gravity correction factor- 0,998
H- ometer type: 152B Effective depth L= 16,294964 - 0.164 x Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	23.3	7.0	1.0	0.0131	7-0	15.1	0.0360	0.5
5.0	23.3	7.0	1.0	0.0131	7.0	15.1	0.0227	0.5
15.0	23.3	7.0	1.0	0.0131	7.0	15.1	0.0131	0.5
30.0	23.3	7.0	1.0	0.0131	7.0	15.1	0.0093	0.5
64.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0066	0.5
240.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0032	0.5
1440.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0013	0.5

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 98.8
% SILT = 0.7 % CLAY = 0.5

D85= 0.52 D60= 0.362 D50= 0.334
D30= 0.2809 D15= 0.22516 D10= 0.19342
CC = 1.1272 Cu = 1.8707

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Meniscus correction only= 0
specific gravity of solids= 2.66
Specific gravity correction factor= 0.998
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected, reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0359	1.0
5.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0227	1.0
15.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0131	1.0
30.0	23.5	7.0	1.0	0.0130	7.0	15.1	0.0093	1.0
60.0	23.4	7.0	1.0	0.0131	7.0	15.1	0.0066	1.0
250.0	22.9	7.0	1.0	0.0131	7.0	15.1	0.0032	1.0
1440.0	21.0	7.0	1.0	0.0134	7.0	15.1	0.0014	1.0

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 99.4
% FINES = 0.6

D85= 0.63 D60= 0.411 D50= 0.363
D30= 0.2911 D15= 0.23550 D10= 0.20045
Cc = 1.0292 Cu = 2.0488

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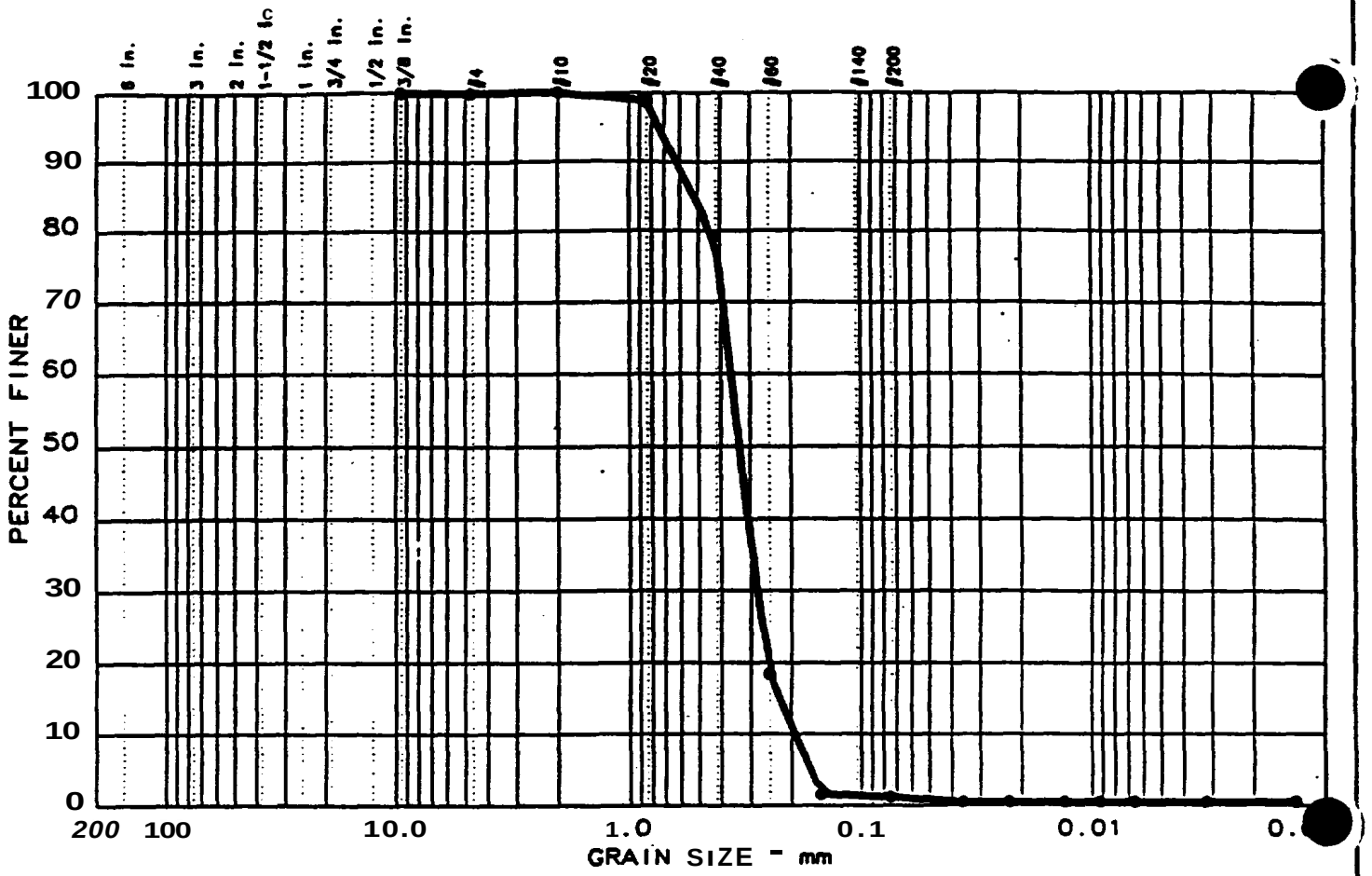
PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	1	0.0	0.0	98.8	0.7	0.5

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●	- -	- -	0.52	0.36	0.33	0.281	0.2252	0.1934	1.13	1.9

MATERIAL DESCRIPTION	USCS	AASHTO
o MEDIUM TO FINE SAND	(SP)	- - -

Project No.: P940458-2
Project: SAVANNAH #: M4-14948-2
● Locotion: 0345000108

Date: 09/12/94

Remarks:
CLIENT: SAVANNAH LABORATORIES

PARTICLE SIZE DISTRIBUTION TEST REPORT
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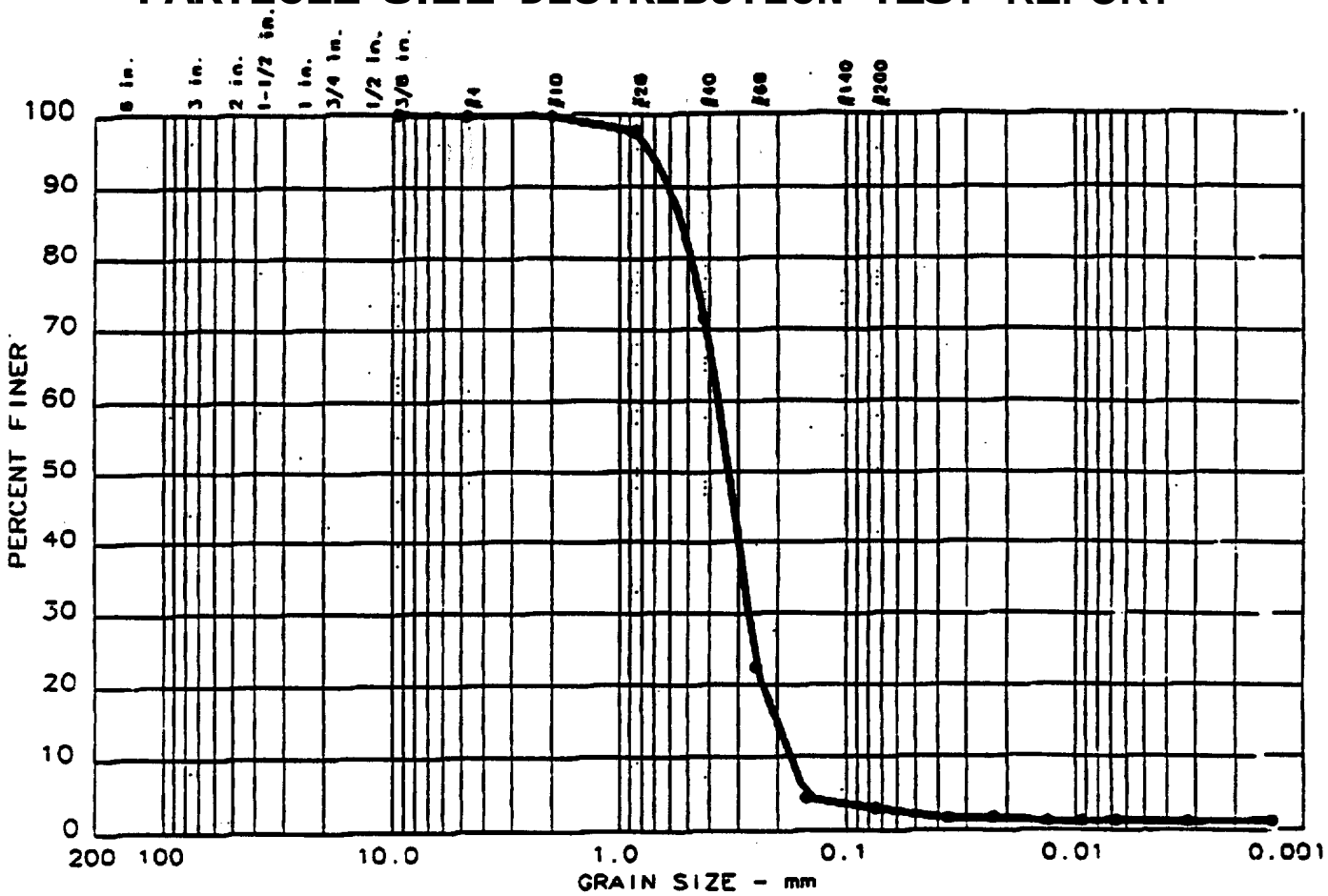
Figure No. 1

PARTICLE SIZE DISTRIBUTION TEST REPORT



	% +5"	% GRAVEL	% SAND	% SILT	% CLAY	USCS	LL	PI
●	0.0	0.1	96.9	1.7	1.3	(SP)	- -	- -

SIEVE inches size	PERCENT FINER ●		
0.375	100.0		
	GRAIN SIZE		
D_{60}	0.37		
D_{30}	0.27		
D_{10}	0.17		
	COEFFICIENTS		
C_c	1.14		
C_u	2.1		

SIEVE number size	PERCENT FINER ●
4	99.9
10	99.7
20	97.8
40	71.6
60	22.4
103	4.4
200	2.9

Sample information:
● 034N000101
MEDIUM TO FINE SAND

Remarks:
CLIENT: ENSAFE / ALLEN & HOSHALL

THOMPSON ENGINEERING

Project No.: P94065
Project: *07000050*
Date: 09/26/94
Data Sheet No. 1

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 1

Date: 09/26/94
Project No.: P94065
Project: 07000030

Sample Data

Location of Sample: 034N000101
Sample Description 1: MEDIUM TO FINE SAND
Sample Description 2:
USCS Class: (SP) Liquid limit: - - Plasticity index: - -

Notes

Remarks: CLIENT: ENSAFE / ALLEN & HOSHALL

Data Sheet No. : 1

Mechanical Analysis Date

	Initial	After wash
Dry sample and tare=	119.11	115.61
Tare =	0.00	0.00
Dry sample weight =	119-11	115.61

nus #200 from wash= 2.9 %

e for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.17	99.9
# 10	0.34	99.7
# 20	2.64	97.8
# 40	33.87	71.6
# 60	92.40	22.4
# 100	113.81	4.4
# 200	115.63	2.9

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 99.7
weight of hydrometer sample: 119.11
Calculated biased weight= 119.45
Table of composite correction values:

Temp, dtg C:	20.6	21.6
Comp. corr:	- 7.0	- 7.0

Meniscus correction only= 0
Specific gravity of solids= 2.66
Specific gravity correction factor= 0.998
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 X Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	21.6	9.0	2.0	0.0133	9.0	14.8	0.0363	1.7
5.0	21.6	9.0	2.0	0.0133	9.0	14.8	0.0230	1.7
15.0	21.6	8.5	1.5	0.0133	8.5	14.9	0.0133	1.3
30.0	21.6	8.5	1.5	0.0133	8.5	14.9	0.0094	1.3
60.0	21.5	8.5	1.5	0.0134	8.5	14.9	0.0067	1.3
250.0	21.5	8.5	1.5	0.0134	8.5	14.9	0.0033	1.3
1440.0	20.6	8.5	1.5	0.0135	8.5	14.9	0.0014	1.3

Fractional Components.

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.1 % SAND = 96.9
% SILT = 1.7 % CLAY = 1.3

D85= 0.53 D60= 0.366 D50= 0.330
D30= 0.2707 D15= 0.20230 D10= 0.37559
Cc = 1.1402 Cu = 2.0845

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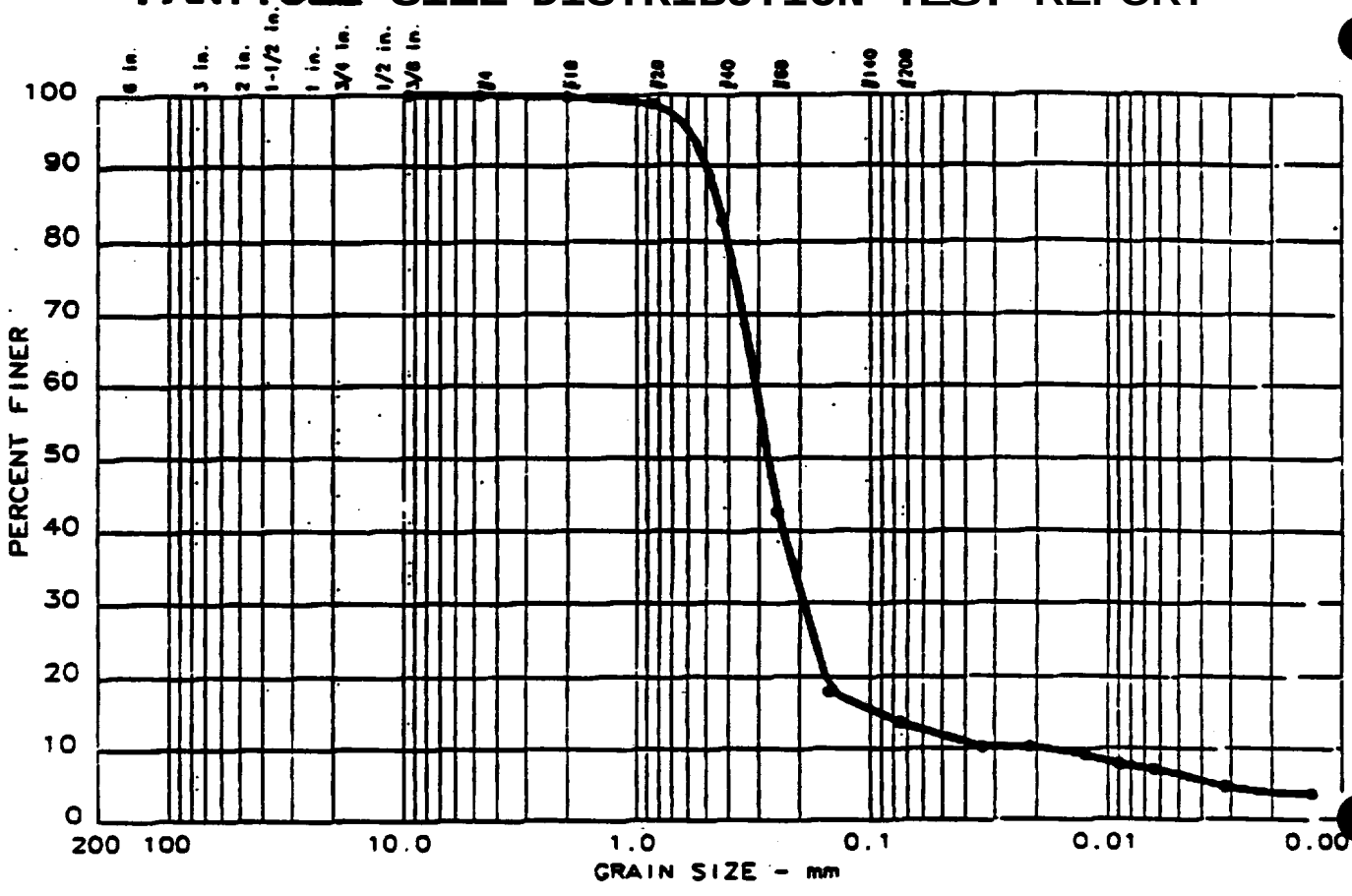
PARTICLE SIZE DISTRIBUTION TEST REPORT



	% +3"	% GRAVEL	% SAND	% SILT	% CLAY	USCS	LL	PI
●	0.0	0.0	86.4	7.3	6.3	(SM)	- -	- -

SIEVE inches size	PERCENT FINER ●		
0.375	100.0		
	GRAIN SIZE		
D_{60}	0.31		
D_{30}	0.19		
D_{10}	0.01		
	COEFFICIENTS		
C_c	6.32		
C_u	16.2		

SIEVE number size	PERCENT FINER ●		
4	100.0		
10	99.8		
20	98.8		
40	62.8		
60	42.6		
100	17.9		
200	15.6		

Sample information

●034N000201
SILTY MEDIUM TO FINE SAND

Remarks:
CLIENT: ENSAFE / ALLEN & HOSHALL

THOMPSON ENGINEERING

Project No.: P94065
Project: 07000033

Date: 09/26/94 Data Sheet No. 2

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 2

Date: 09/26/94
Project No.: P94065
Project: 07000030

Sample Data

Location of Sample: 034N000201
Sample Description 1: SILTY MEDIUM TO FINE SAND
Sample Description 2:
USCS Class: (SM) Liquid limit: - - Plasticity index: - -

Notes

Remarks: CLIENT: ENSAFE / ALLEN & HOSHALL

Data Sheet No.: 2

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	126.82	109.53
Tare =	0.00	0.00
Dry sample weight =	126.82	109.53

Minus #200 from wash= 13.6 %
Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.00	100.0
# 10	0.26	99.8
# 20	1.58	38.8
# 40	21.83	82.8
# 60	72.76	42.6
# 100	104.07	17.9
# 200	109.53	13.6

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 99.8
Weight of hydrometer sample: 126.82
Calculated biased weight= 127.08
Table of composite correction values:

Temp, deg C:	20.6	21.6
Comp. corr:	- 7.0	- 7.0

iscus correction only= 0
:ific gravity of solids= 2.66
Specific gravity correction factor= 0.998
Hydrometer type: 152H Effective depth L= 16.294964 - 0.164 x Rm

Elapsed tim., min	Temp, deg C	Actual reading	Corrected reading	A	Rm	tff. depth	Diameter mm	Percent finer
2.0	21.6	20.0	13.0	0.0133	20.0	13.0	0.0340	10.2
5.0	21.6	20.0	13.0	0.0133	20.0	13.0	0.0215	10.2
15.0	21.6	18.5	11.5	0.0133	18.5	13.3	0.0125	9.0
30.0	21.5	17.0	10.0	0.0134	17.0	13.5	0.0090	7.9
60.0	21.5	16.0	9.0	0.0134	16.0	13.7	0.0064	7.1
250.0	21.5	13.0	6.0	0.0134	13.0	14.2	0.0032	4.7
1440.0	20.6	11.5	4.5	0.0135	11.5	14.4	0.0014	3.5

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 86.4
% SILT = 7.3 % CLAY = 6.3

D85= 0.44 D60= 0.308 D50= 0.273
D30= 0.1923 D15= 0.09311 D10= 0.01901
Cc = 6,3241 Cu = 16.1808

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