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CONTAMINATION ASSESSMENT REPORT UNDERGROUND STORAGE TANK (UST) 18
NAS PENSACOLA FL
1/1/1996
ENSAFE

CONTAMINATION ASSESSMENT REPORT
UST 18
NAVAL AIR STATION
PENSACOLA, FLORIDA

SOUTHNAVFACENGCOM
CONTRACT NUMBER:
N62467-89-D-0318
CTO-070

Prepared for:

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN)
NAVAL SUPPORT ACTIVITY
NAVAL AIR STATION
PENSACOLA, FLORIDA

Prepared by:

ENSAFE/ALLEN & HOSHALL
5720 Summer Trees Drive, Suite 8
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January 1996

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January 12, 1996

Florida Department of Environmental Protection
ATTN: Mr. John Mitchell
Federal Facilities Coordinator
Twin Towers Office Building
2600 Stone Road
Tallahassee, FL 32399-2400

RE: Contamination Assessment Report, Underground Storage Tank (UST) Site 18 — Crash Crew Training Area, Naval Air Station (NAS) Pensacola, Florida

Dear Sir:

EnSafe/Allen & Hoshall (E/A&H) is pleased to submit, on behalf of the U.S. Navy, two copies of the draft Contamination Assessment Report for UST Site 18 (formerly Installation Restoration Program [IRP] Site 3) — Crash Crew Training Area at NAS Pensacola. Based on the initial findings during the IRP investigation, it was agreed by the IRP Tier 1 team that this site investigation and remediation should be accomplished through NAS Pensacola's UST program. Consequently, all additional investigative efforts and this report comply with applicable portions of Florida Administrative Code 62-770.

Should you have any questions or comments concerning this report, please contact me at (904) 479-4595.

Respectfully,

EnSafe/Allen & Hoshall

Brian Caldwell

Brian Caldwell, P.G.
Task Order Manager

Enclosure

cc: Bill Hill/Bill Gates, SOUTHNAVFACENGCOM
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January 11, 1996

Mr. Ron Joyner
Commanding Officer
Building 3813, Code 18520
Pensacola, FL 32508-5000

RE: Contamination Assessment Report, Underground Storage Tank (UST) Site 18 — Crash Crew Training Area, Naval Air Station (NAS) Pensacola, Florida

Dear Sir:

EnSafe/Allen & Hoshall (E/A&H) is pleased to submit three copies of the draft Contamination Assessment Report for UST Site 18 (formerly Installation Restoration Program [IRP] Site 3) — Crash Crew Training Area at NAS Pensacola. Two of these copies should be forwarded to Mr. Dean Spencer of your office. Based on the initial findings during the IRP investigation, it was agreed by the IRP Tier 1 team that this site investigation and remediation should be accomplished through NAS Pensacola's UST program. Consequently, all additional investigative efforts and this report comply with applicable portions of Florida Administrative Code 62-770.

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Respectfully,

EnSafe/Allen & Hoshall

Brian Caldwell

Brian Caldwell, P.G.
Task Order Manager

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January 11, 1996

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SOUTHNAVFACENGCOM
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RE: Contamination Assessment Report, Underground Storage Tank (UST) Site 18 — Crash Crew Training Area, Naval Air Station (NAS) Pensacola, Florida

Dear Sir:

EnSafe/Allen & Hoshall (E/A&H) is pleased to submit five copies of the draft Contamination Assessment Report for UST Site 18 (formerly Installation Restoration Program [IRP] Site 3) — Crash Crew Training Area at NAS Pensacola. Based on the initial findings during the IRP investigation, it was agreed by the IRP Tier 1 team that this site investigation and remediation should be accomplished through NAS Pensacola's UST program. Consequently, all additional investigative efforts and this report comply with applicable portions of Florida Administrative Code 62-770.

Should you have any questions or comments concerning this report, please contact me at (904) 479-4595.

Respectfully,

EnSafe/Allen & Hoshall

Brian Caldwell

Brian Caldwell, P.G.
Task Order Manager

Enclosure

cc: NAS Pensacola File, Pensacola - 2 copies
NAS Pensacola File, Memphis - 2 copies

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January 1996

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List of Acronyms

μg/kg	Micrograms per kilogram
μg/L	Micrograms per liter
ARARS	Applicable or Relevant and Appropriate Requirements
ASTM	American Society for Testing and Materials
bls	Below land surface
BOD	Biochemical Oxygen Demand
BRA	Baseline Risk Assessment
°C	Degrees Celsius
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
COD	Chemical Oxygen Demand
CSAP	Comprehensive Sampling and Analysis Plan
CSS	Contaminant Source Survey
E/A&H	EnSafe/Allen & Hoshall
E&E	Ecology and Environment, Inc.
FDEP	Florida Department of Environmental Protection formerly the Florida Department of Environmental Regulation (FDER)
FDWS	Florida Drinking Water Standard
FGGC	Florida Groundwater Guidance Concentrations
FNAI	Florida Natural Areas Inventory
FPDWS	Florida Primary Drinking Water Standard
FSDWS	Florida Secondary Drinking Water Standard
ft/day	Feet per day
G&M	Geraghty & Miller, Inc.
GS	Grain size
H_2SO_4	Sulfuric Acid
HCL	Hydrochloric Acid
HNO_3	Nitric Acid
IAS	Initial Assessment Study
ID	Inside Diameter
IDW	Investigation - Derived Waste
IRP	Installation Restoration Program
IWTP	Industrial Wastewater Treatment Plant
K	Hydraulic Conductivity
MCL	Maximum Contaminant Level
mg/kg	Milligrams per kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
msl	Mean sea level
NADEP	Naval Aviation Depot

NaOH	Sodium Hydroxide
NAS	Naval Air Station
NAVAIREWORKFAC	Naval Air Rework Facility
NEESA	Naval Energy and Environmental Support Activity
NPL	National Priorities List
OD	Outside Diameter
OSWER	Office of Solid Waste and Emergency Response
PAH	Polycyclic Aromatic Hydrocarbon
PCBs	Polychlorinated Biphenyls
PID	Photoionization Detector
ppb	Parts per billion
PPE	Personal Protective Equipment
ppm	Parts per million
PPS	Physical parameters, soil
PPW	Physical parameters, water
PVC	Polyvinyl Chloride
PWC	Public Works Center
QA/QC	Quality Assurance/Quality Control
RBC	Risk-based Concentration
RC	Reference Concentration
RI	Remedial Investigation
SAP	Sampling and Analysis Plan
SDG	Sample Delivery Group
SMCL	Secondary Maximum Contaminant Levels
SOP/QAM	Standard Operating Procedures and Quality Assurance Manual (USEPA Region IV Environmental Compliance Branch)
SOUTHNAVFACENGCOM	Southern Division Naval Facilities Engineering Command
SRL	State Regulatory Level
SRS	Site Rehabilitation Standard
SVOCs	Semivolatile Organic Compounds
TA	Total Alkalinity
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TKN	Total Kjeldahl Nitrogen
TOC	Total Organic Carbon
TP	Total Phosphorus
TSS	Total Suspended Solids
TRPHs	Total Recoverable Petroleum Hydrocarbons
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VOA	Volatile Organic Analysis
VOCs	Volatile Organic Compounds

Executive Summary

Site UST 18, formerly known as Site 3, Crash Crew Training Area, is on a runway easement adjacent to Runway 19 at Forrest Sherman Field. Initially, the site was investigated under the Installation Restoration Program but because contaminants identified during Phase I of the investigation were petroleum-related, the NAS Pensacola Tier I Partnering team decided in March 1995 to transfer the site to the Petroleum Program.

This contamination assessment represents the continuation (Phases 2 and 3) of the investigation of UST 18. Six of the eight burn areas identified were investigated based on the results of the Phase I investigation. The field investigation included installing permanent shallow and intermediate monitoring wells and collecting groundwater, soil, sediment, and surface water samples. Fieldwork concluded in September 1995.

Contaminants, primarily fuel-related, were detected above State Regulatory Levels (SRLs) in groundwater samples collected from wells within the burn areas. The upper surficial zone exhibited the greatest impact; each of the shallow burn area well samples had one or more parameters exceeding an SRL. Downgradient and/or perimeter well samples had no detected parameters exceeding an SRL. Samples collected from the lower surficial zone indicated no significant impact to this zone. Based on these sample results, groundwater contamination has been delineated and is not migrating offsite. No potable wells are within 0.25 mile of the site.

Soil samples collected in and around the burn areas contained detectable concentrations of fuel-related contaminants. Although no concentrations were above state health-based Cleanup Goals (CGs), several samples exceeded the leachability-based CGs that are protective of groundwater. Because the soil in these areas appeared to be a potential source for groundwater impact, site-specific Soil Rehabilitation Standards (SRSs) were calculated to better determine the potential for soil leaching. These results indicated that based on site geology and local meteorology, impacted soil areas do not pose a continued threat to groundwater.

Wetland areas, onsite and south of the site, were investigated to determine if activities at UST 18 have impacted these areas. Onsite wetland areas have apparently been impacted as a result of site activities; however, samples collected from wetlands south of site did not exhibit any fuel-related contaminants.

Based on the results of this investigation, soil and groundwater have been impacted by activities at UST 18. Fire training exercises currently being performed at Burn Area 1 (the northernmost burn area) represent a continued source of contamination to site soil, groundwater, and wetlands. Improvements to this facility should be made to prevent any further impacts; otherwise, training exercises should not continue. Site-specific SRSs indicate that contaminant concentrations in soil do not pose a continued threat to site groundwater quality; thus, no further assessment of soil is recommended. Exceedances of SRLs for groundwater occurred only in samples from burn area (source) wells. No parameters exceeded SRLs in downgradient or perimeter wells. Additionally, sample results from the lower surficial zone indicate that it has not been significantly impacted. Based on groundwater results, a "Monitoring Only" proposal is submitted for site UST 18. It is recommended that semi-annual sampling to monitor fuel-related and non-fuel related contaminants be performed for a minimum of five years, until contaminant concentrations are below the SRLs, or until equilibrium, is reached.

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19. Abstract

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1.0 INTRODUCTION

Incident with the Petroleum Program at Naval Air Station (NAS) Pensacola, this Contamination Assessment Report (CAR) has been prepared for site UST 18, formerly known as Site 3 — Crash Crew Training Area. The site is on a runway easement adjacent to Runway 19 at Forrest Sherman Field. Initially the site was investigated as part of the Installation Restoration (IR) program under the U.S. Navy Comprehensive Long-Term Environmental Action Navy (CLEAN) contract 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 former hazardous waste sites. Because results from the fieldwork completed under the CERCLA program indicated the presence of only petroleum-related constituents, the site was transferred to the Petroleum Program. This decision was rendered in March 1995 by the NAS Pensacola Tier 1 Partnering team, consisting of representatives from the Navy, U.S. Environmental Protection Agency (USEPA), Florida Department of Environmental Protection (FDEP), and EnSafe/Allen & Hoshall (E/A&H).

The investigation described herein, was completed under the guidance of Florida Administrative Code (FAC) 62-770 with the following stipulations:

- Preparation of a separate Contamination Assessment Plan was not required since an existing Sampling and Analysis Plan under the CERCLA Program had been approved.

- Soil Cleanup Goals for Florida were used as the benchmark values for soil evaluation and remediation (as opposed to organic vapor analyses [OVA] soil headspace).

- Analytical protocol for groundwater complied with the requirements set forth in FAC 62-770.

Investigation Objectives

The objectives of this contamination assessment (CA) were to determine the source, nature, magnitude, and extent of potential petroleum-related soil and groundwater contamination, and use validated sample data to address contamination and recommend appropriate action.

The investigation included:

- A review of the site's history, background, and previous investigations;
- A preliminary field survey/habitat and biota survey to characterize the study area;
- The advancement of soil borings, installation of monitoring wells, and collection of soil, groundwater, sediment, and surface water samples for chemical analyses; and
- A hydrologic assessment.

The following sections of the CAR present the investigation methods, results, conclusions, and recommendations of the CA.

2.0 SITE DESCRIPTION

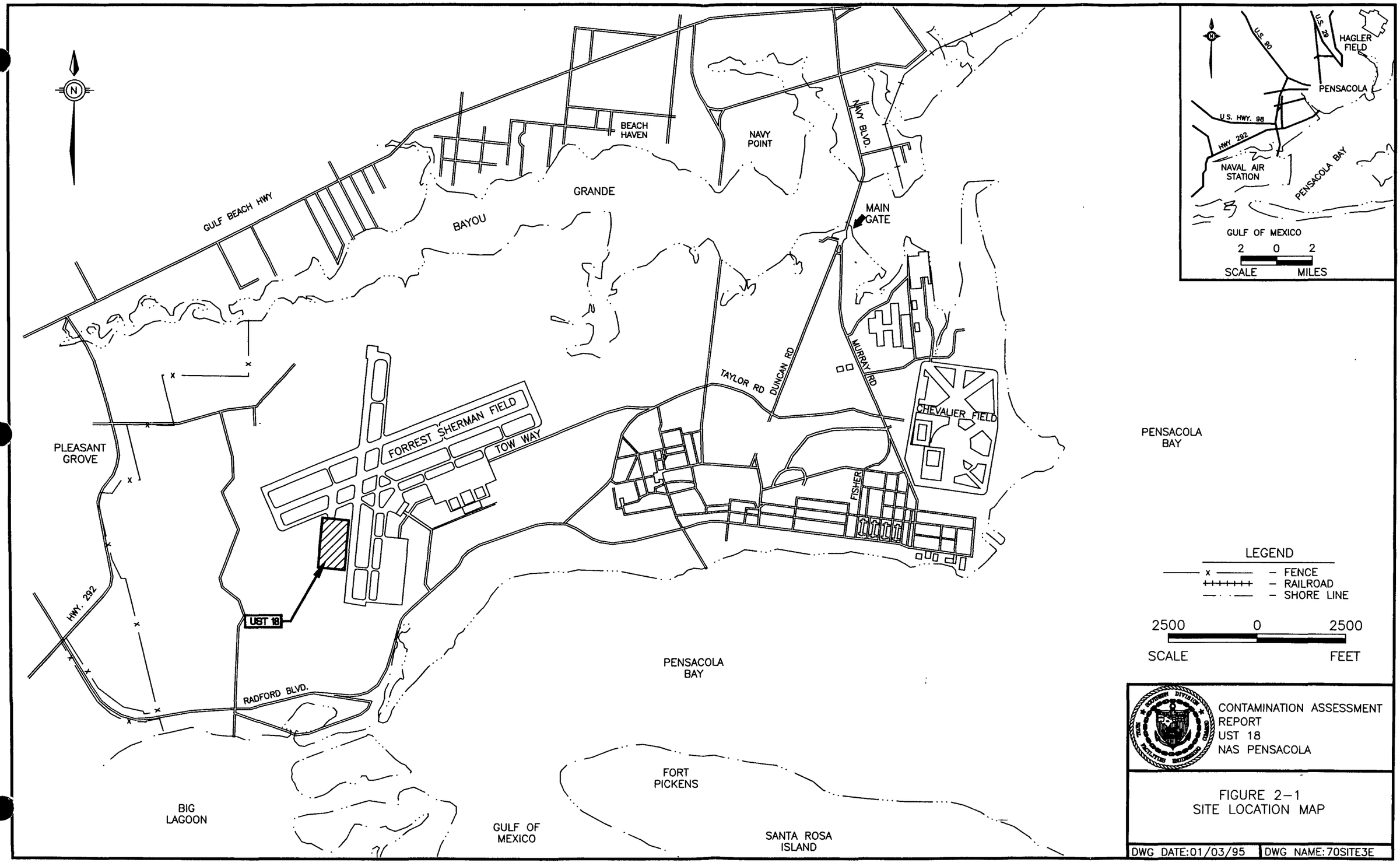
2.1 Site Description

UST 18 occupies open land approximately 900 feet by 2,300 feet along the southwestern border of Forrest Sherman Field (Figure 2-1). The site is bounded to the east by aircraft Runway 19, to the north by a paved taxiway, to the west by scattered brush and woods, and to the south by an open field. A dirt road trends north-south across the southwestern part of the site intersected by several other dirt roads. Site 19, the Fuel Farm Pipeline Leak is 800 feet west-southwest of UST 18 (Figure 2-2).

The site topography is characterized by a swale paralleling Runway 19 in the east-central portion of the site, bounded on the east and west by higher, generally flat areas (Figure 2-3). Elevations within the swale are approximately 22 to 23 feet above mean sea level (msl). Along the eastern and western flanks of the swale, elevations range from 26 to 28 feet above msl. The swale constitutes a storm water drainage system consisting of several catch basins in the swale's axis at the lowest elevations. Wetlands are present onsite in the center of the drainage swale where groundwater is in contact or close to land surface.

Surface runoff (i.e., storm water) flows into the swale and is captured by two storm water drainage lines. Storm water collected in catch basins associated with drainage system AA drains northward to a canal that eventually discharges into Bayou Grande. Runoff entering catch basins associated with drainage system LL drains southward into a small creek that flows into wetland areas south of the site and eventually into Sherman's Inlet (Figure 2-2).

Surficial sediments across the site are typically tan quartz sand to dark brown silty sand. The site contains at least eight burn pits that generally exhibited dark brown to black possibly petroleum-stained soil. Vegetation is absent or stressed in these areas. The northernmost burn pit is lined and filled with water and contains a mock aircraft cockpit.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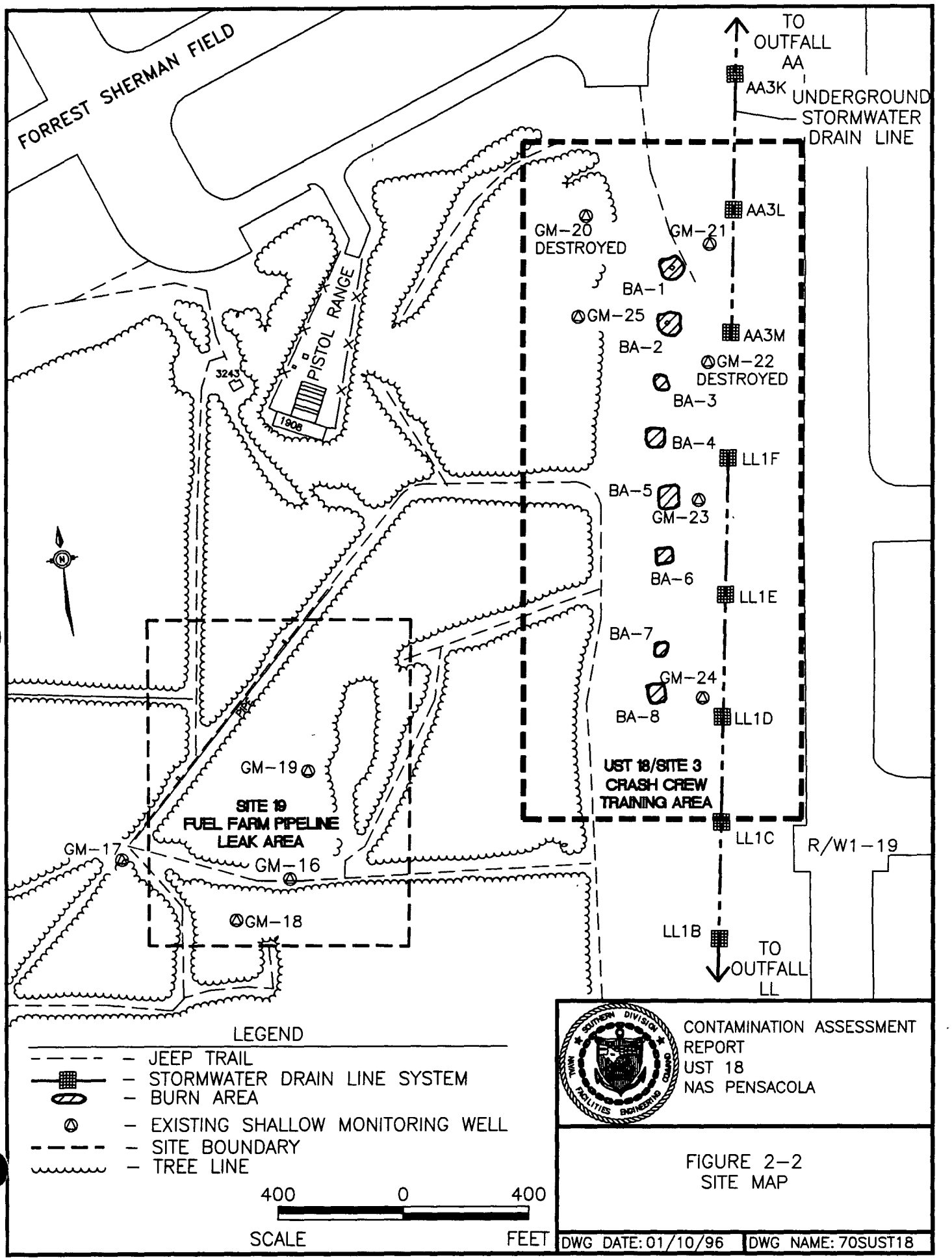
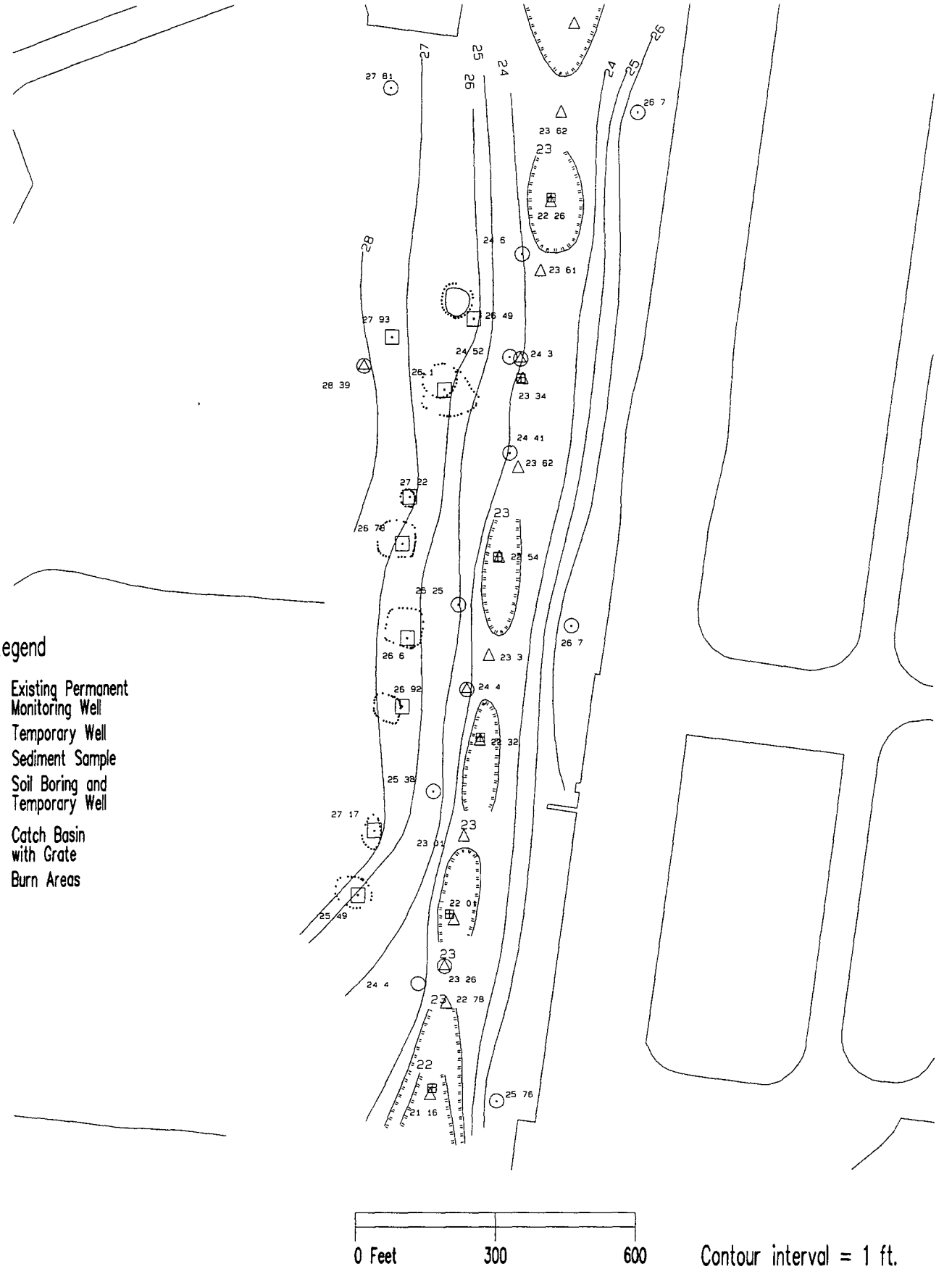
UST 18
RADFORD BLVD.
PENSACOLA BAY
FORT PICKENS
BIG LAGOON
GULF OF MEXICO
SANTA ROSA ISLAND
U.S. 90
U.S. 29
HAGLER FIELD
PENSACOLA
U.S. HWY. 98
HWY 292
NAVAL AIR STATION
PENSACOLA BAY
GULF OF MEXICO
2 0 2
SCALE MILES
LEGEND
FENCE
RAILROAD
SHORE LINE
2500 0 2500
SCALE FEET
CONTAMINATION ASSESSMENT REPORT
UST 18
NAS PENSACOLA
FIGURE 2-1
SITE LOCATION MAP
DWG DATE:01/03/95
DWG NAME:70SITE3E


FORREST SHERMAN FIELD
TO OUTFALL AA
AA3K
UNDERGROUND STORMWATER DRAIN LINE
AA3L
GM-20 DESTROYED
GM-21
BA-1
GM-25
BA-2
AA3M
GM-22 DESTROYED
BA-3
BA-4
LL1F
BA-5
GM-23
BA-6
LL1E
BA-7
GM-24
BA-8
LL1D
PISTOL RANGE
3243
1908
UST 18/SITE 3 CRASH CREW TRAINING AREA
GM-19
SITE 19 FUEL FARM PIPELINE LEAK AREA
GM-17
GM-16
GM-18
LL1C
R/W1-19
LL1B
TO OUTFALL LL
LEGEND
JEEP TRAIL
STORMWATER DRAIN LINE SYSTEM
BURN AREA
EXISTING SHALLOW MONITORING WELL
SITE BOUNDARY
TREE LINE
400 0 400
SCALE FEET
CONTAMINATION ASSESSMENT REPORT
UST 18
NAS PENSACOLA
FIGURE 2-2
SITE MAP
DWG DATE: 01/10/96
DWG NAME: 70SUST18



Contamination Assessment Report UST 18
NAS Pensacola
Pensacola, Florida

Figure 2-3
TOPOGRAPHIC SURFACE

Date: 8 JAN 96 | AML: tcont03

Several other burn pits contain miscellaneous pieces of equipment, including a fuel trailer, various airplane parts, and metal and nonmetallic debris of unknown (but presumably aircraft) origin. Three denuded areas in the site's extreme southern part also may have been burn areas, although no evidence of burning was observed there. Historical aerial photographs show, Burn Areas 1 and 2 have received the most activity. An area west of these two burn areas appeared on the photographs to be a possible staging area for fuel tanks and fuel handling and delivery. Several small tanks were in this area, one labeled "contaminated fuel," and several empty containers labeled aquafilm-forming firefighter foam (AFFF). Much of this area is covered with a limestone slag gravel and exhibits some stained soil and denuded areas.

The site has been used to train fire fighters for aircraft crash response since 1955 (NEESA, 1983). Historically, during training exercises, approximately 30 to 50 gallons of fuel — possibly JP-4, JP-5, aviation gas, lube oil, or water-tainted fuel — were poured into unlined pits or on various pieces of equipment, and were ignited to simulate aircraft crashes. As many as five training fires may have been set each week using an estimated 450 gallons of fuel. In 1991, the northernmost pit was lined with an impermeable geofabric membrane called Bentomat, a two-layer woven cloth separated by bentonite. Presently, only the northernmost pit is used for fire training. It is filled with water to which fuel is added and allowed to float on top before being lit. Training exercises are performed on Saturdays, twice a month; however, training with fire occurs only once a month. According to the district fire chief, up to 700 gallons of fuel may be used per event. AFFF is used along with water to extinguish the fires.

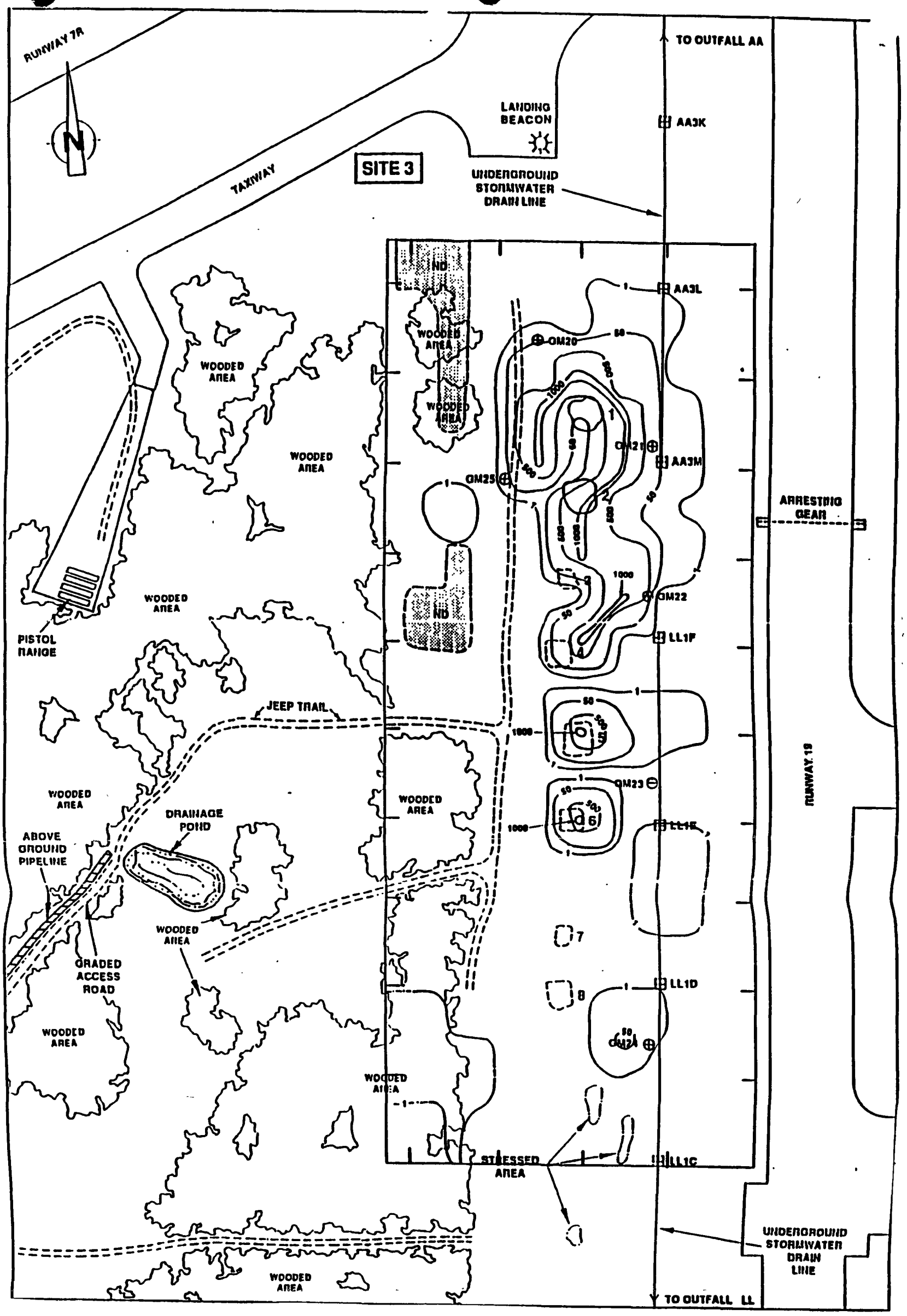
2.2 Site History

Site 3 (now referred to as UST 18) was included in the Naval Engineering and Environmental Support Activity's (NEESA) Initial Assessment Study (IAS) of 29 sites at NAS Pensacola in 1983. In the IAS, Site 3 was evaluated based on historical records, field inspections, and NAS Pensacola personnel interviews. No soil or water samples were collected at the site; however, based on the data obtained during the study, NEESA concluded that contamination at

Site 3 was not sufficient to threaten human health or the environment (NEESA, 1983). NEESA recommended no further study at the site. However, at a November 17, 1983, meeting between the Navy and the Florida Department of Environmental Regulation (FDER, since renamed FDEP), Site 3 was reappointed to the list of sites to be investigated during Geraghty and Miller's (G&M) Verification Study (VS).

In July 1984, G&M studied 18 sites at NAS Pensacola, including Site 3. During that study, 18 soil borings were advanced to determine if product was free-floating in the local groundwater. In addition, six shallow monitoring wells were installed. The soil borings did not indicate any free-product contamination. Groundwater samples collected from each of the six monitoring wells were analyzed for volatile organic carbons (VOCs). Three wells (GM-20, GM-21, and GM-23) contained low concentrations of VOCs. The VS recommended no further studies be conducted at the site (G&M, 1984); consequently, Site 3 was not included in the subsequent Characterization Study.

As part of the Navy's IR program, Ecology and Environment (E&E) performed a Phase 1 investigation of Site 3 in 1991 to identify areas and potential contaminants of concern. The investigation results are outlined in the E&E Interim Data Report (IDR) (1992a). The following physical surveys were completed and evaluated prior to sampling to identify potential areas of surface or subsurface contamination: air photograph analysis, organic vapor analyses (OVA) emissions survey and particulate air screening, geophysical survey, utilities survey, and soil headspace survey. The results of the headspace survey are presented as Figure 2-4. Values up to 1,000 parts per million (ppm) were detected with the OVA at the northern and central burn areas. Based on the results of the physical surveys, sediment, soil, surface water, and groundwater samples were collected and submitted for laboratory analyses. Metals (chromium, lead, cadmium, and iron), total recoverable petroleum hydrocarbons (TRPHs), VOC, polynuclear aromatic hydrocarbons (PAHs), base-neutral/acid extractables (BNAs), and phenols



KEY:

- Jeep Trail
- Stormwater Catch Basin with Grate
- AA3K/LL1C Stormwater Catch Basin Designation
- Active Burn Area
- Former Burn Area
- 1 Burn Area Number
- Existing Permanent Shallow Monitoring Well
- GM21 Permanent Monitoring Well Number
- 50 Methane-Corrected Organic Vapor Isopleth (ppm)
- 50 Inferred Methane-Corrected Organic Vapor Isopleth (ppm)
- ND No Data Available (area under water at time of the survey)

* SOURCE: U.S. NAVAL AIR STATION, PENSACOLA, FLORIDA 1991; ECOLOGY AND ENVIRONMENT, INC. 1991

200 0 200
SCALE FEET

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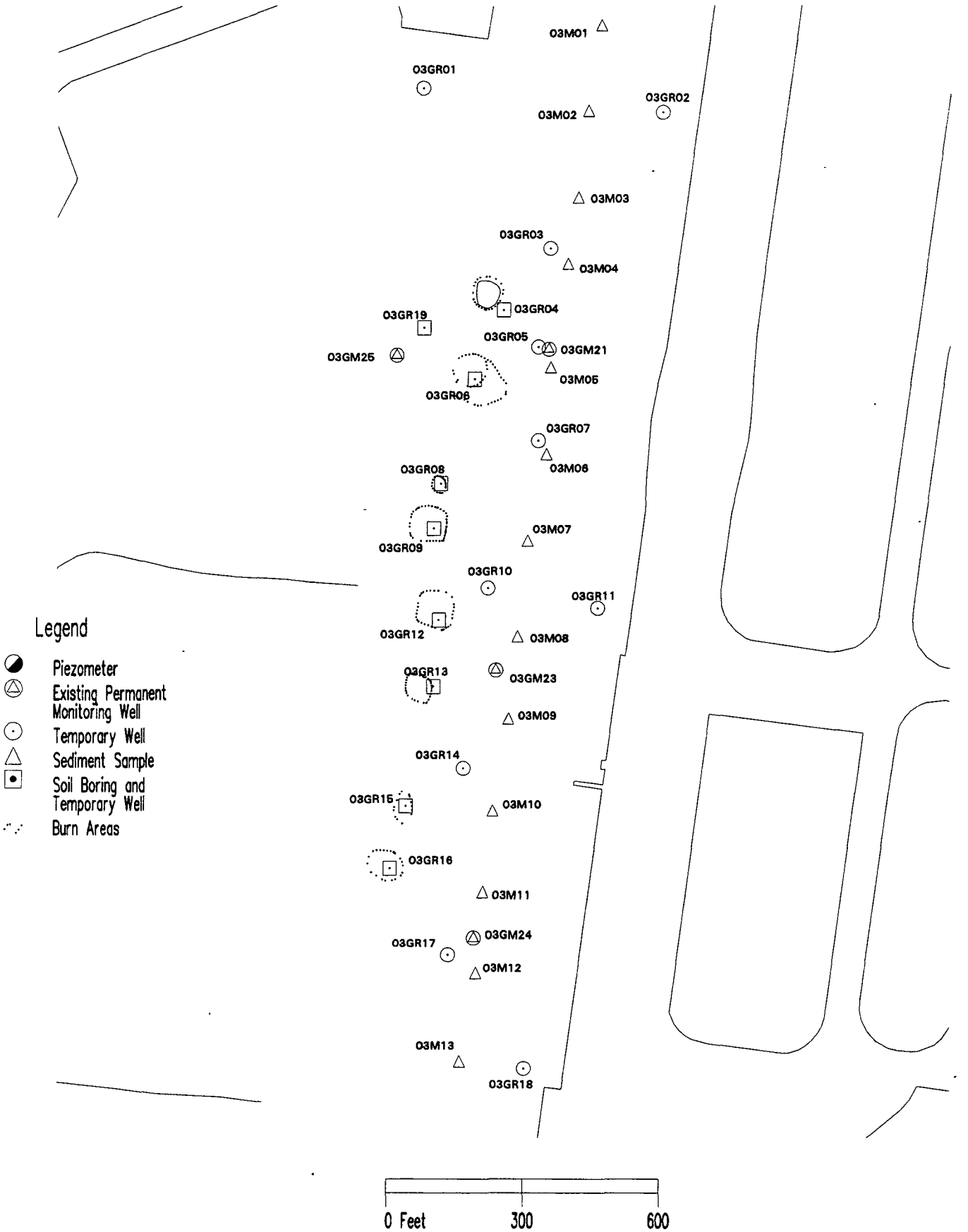
FIGURE 2-4
SOIL HEADSPACE RESULTS FROM E&E'S PHASE I INVESTIGATION

DWG DATE: 01/10/96 | DWG NAME: BORDER

were identified in site groundwater. Surface water contained chromium, TRPHs, VOCs, and phenols. Chromium, lead, TRPHs, VOCs, PAHs, and phenols were detected in site soil and sediment. Data from this study are included in the IDR (E&E, 1992a).

E/A&H, as part of the CLEAN contract, continued the investigation of Site 3 under the IR program to meet the requirements of CERCLA. A three-phased approach was devised which included installing temporary and permanent monitoring wells and collecting groundwater, soil, and sediment samples for Target Analyte List/Target Compound List (TAL/TCL) analyses using Contract Laboratory Program (CLP) protocol. Phase I activities were performed in January 1994 to confirm whether contaminants were present and if their concentrations exceeded Preliminary Remedial Goals (PRGs) and included installation and sampling of temporary shallow monitoring wells, soil sampling, and sediment sampling (Figure 2-5). Phase I analytical results indicated the presence of VOCs (benzene, ethylbenzene, toluene, and xylene), PAHs, phenols, and lead in the groundwater; naphthalene, ethylbenzene, toluene, and xylene in soil; and metals and pesticides in sediments that exceeded the PRGs established by the Pensacola Tier I Partnering team. Data from this investigation are presented as Appendix A. The Phase I results were presented in a technical memorandum for Site 3 (E/A&H, 1994a). Subsequent to the evaluation of Phase I results, the Tier I Partnering team agreed upon the sampling approach, including all soil sampling points and well locations, developed under the IR program for Phases 2 and 3 of the investigation. Because the contaminants identified in the soil and groundwater were petroleum-related, the Tier I team decided in March 1995 to continue the investigation under the Petroleum Program. This contamination assessment represents the continuation (Phases 2 and 3) of the investigation of Site 3/UST 18.



Contamination Assessment Report UST 18
NAS Pensacola
Pensacola, Florida

Figure 2-5
PHASE I - SAMPLING LOCATIONS
SITE 3 RI

Date: 04 JAN 96

AML: pcont03

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. The main topographic feature is a bluff paralleling the southern and eastern shorelines of the peninsula. Landward of the bluff is a gently rolling upland with elevations up to 40 feet above msl (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 5 feet or less above msl, constituting the areas of Chevalier Field and Magazine Point.

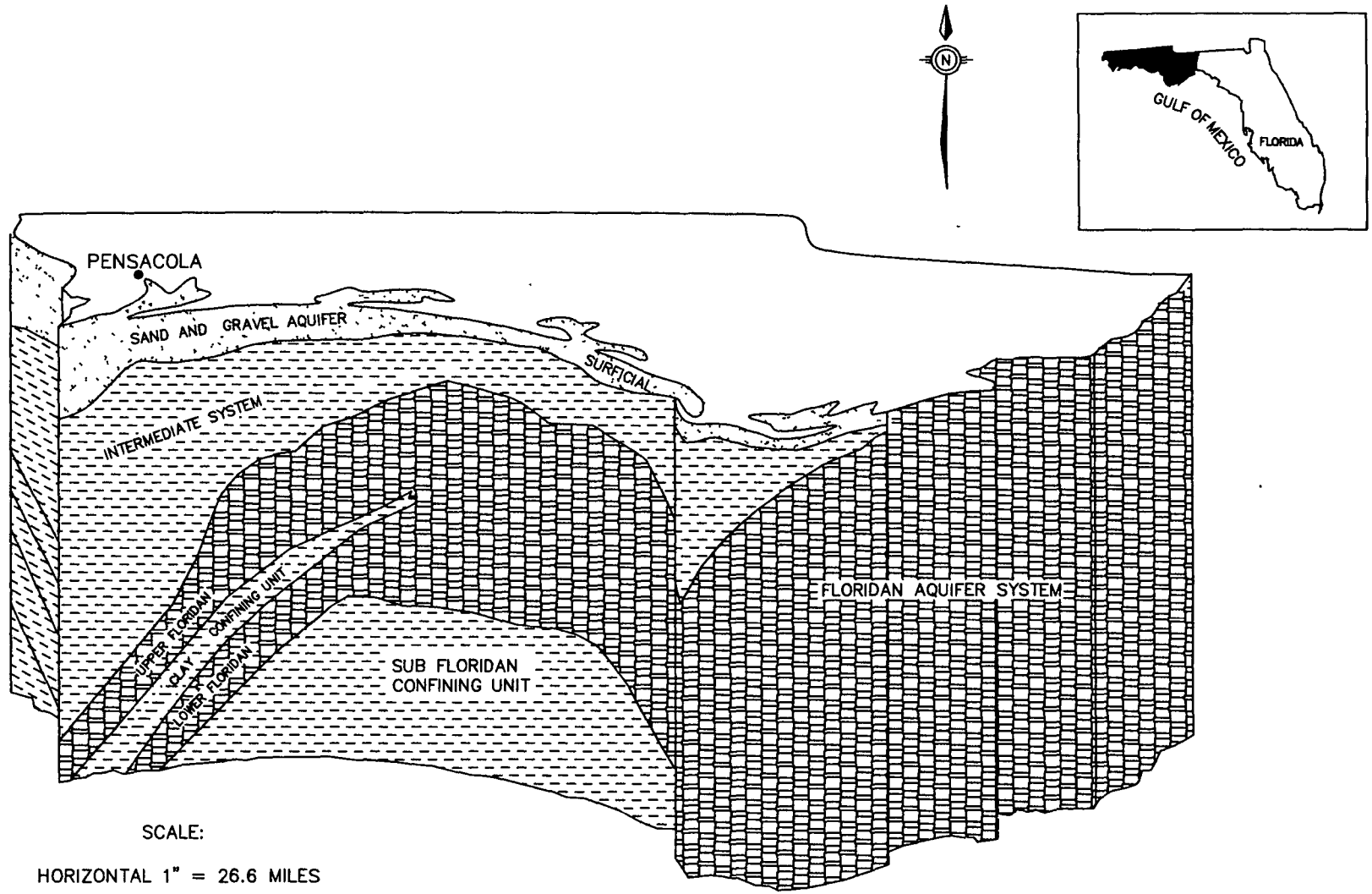
Sandy soils typify the NAS Pensacola area. Consequently, most rainfall infiltrates directly into the subsurface, resulting in few natural streams. Streams on base generally are man-made and channelized. Numerous natural wetlands occur in low-lying areas.

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 (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, comprising primarily 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



SCALE:

HORIZONTAL 1" = 26.6 MILES

VERTICAL 1" = 500 FEET

VERTICAL EXAGGERATION = 281

SOURCE: E&E 1992c.

CONTAMINATION ASSESSMENT
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NAS PENSACOLA

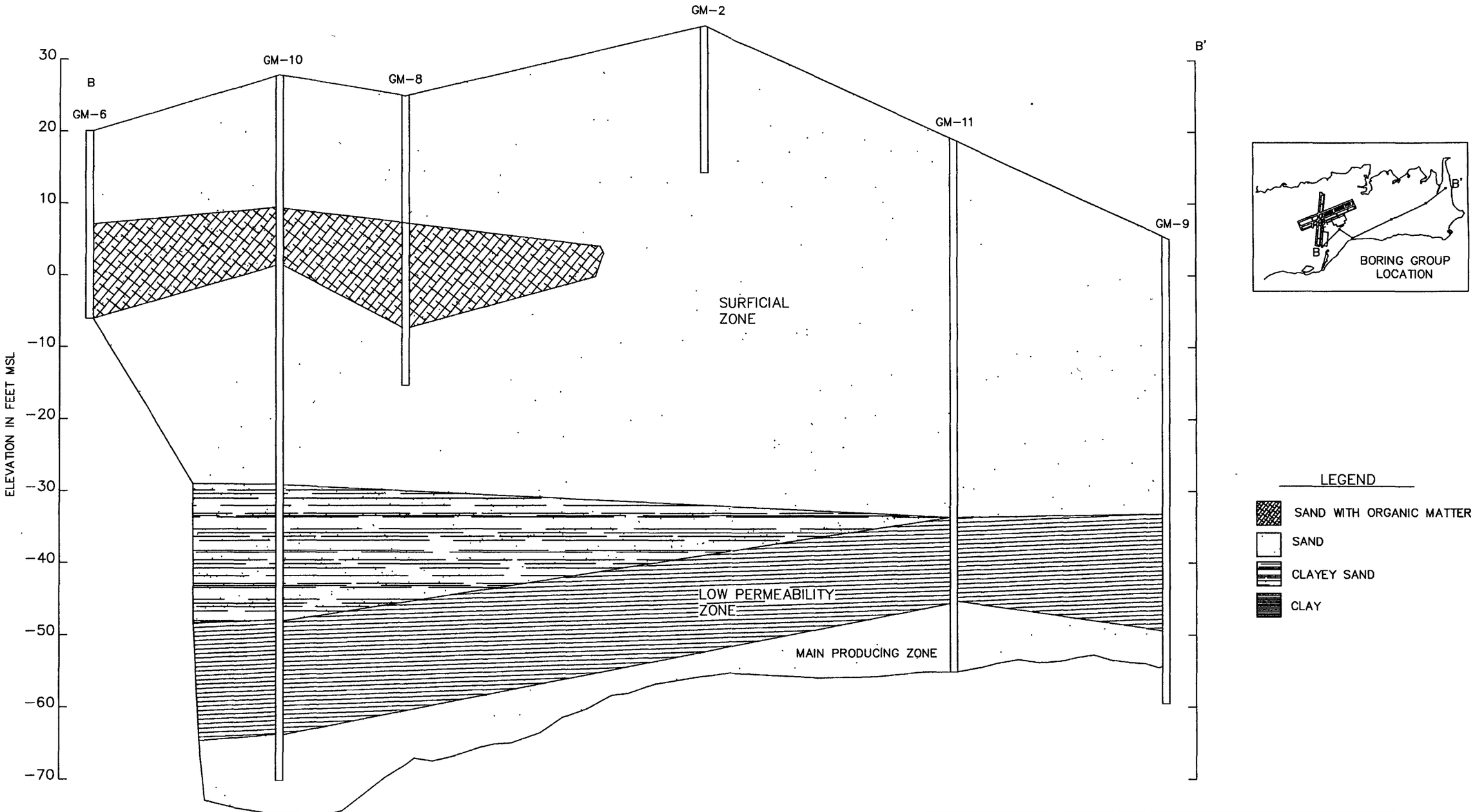
FIGURE 3-1
GENERALIZED GEOLOGIC CROSS-SECTION OF
HYDROGEOLOGIC UNITS IN
NORTHWEST FLORIDA

DATE: 01/03/96 | DWG NAME: 059GGCSH

Florida, the Surficial Aquifer is referred to as the Sand-and-Gravel Aquifer, and is a major source of drinking water (SEGS, 1986). The 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. Near 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 surficial to the low permeability zone is responsible for lower hydraulic conductivities that have been measured in the base of the surficial zone. Shallow groundwater flow in the surficial zone is generally influenced by topography, usually flowing toward and discharging to the nearest surface water body.



SOURCE: GERAGHTY & MILLER, 1986

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

DATE: 01/08/96 | DWG NAME: 059GCSSA

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 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 zone.

Main Producing Zone

The main producing zone underlies the low permeability zone and constitutes 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-and-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 northern parts of the county where it is present at the surface. 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, they are used only as an emergency supplement to the base water supply, to supply irrigation to the base golf course, and fire protection due to the water's high iron content (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 three 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 comprises 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 NAS Pensacola vicinity, 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, leading to an ecological diversity found in few other areas of the United States. Watersheds of the panhandle support a diverse array of habitats and vegetative communities. Bottom land hardwoods predominate in river floodplains and pines, mixed with a variety of other 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 supporting seagrass meadows and oyster reefs are present in intertidal and subtidal areas.

Seven major rivers in the region discharge into seven bar-built estuaries formed at the mouths of the rivers. 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 of the region, the panhandle area may support the highest diversity of species of any other similar-size territory in the U.S.

The high annual rainfall and low, gently sloping terrain create 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 seminatural beach areas, forests, and wetlands.

NAS Pensacola is the setting for numerous aquatic and terrestrial habitats, from coastal strand and estuarine environments along the bay and bayou to inland pine flatwood 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 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 (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 flatwood 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 soil 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 Outlying Field 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 (FNAI, 1994).

3.3.3 Site-Specific Setting

Habitat and Biota Survey

A Phase I habitat/biota survey for UST 18/Site 3 was conducted by an E/A&H biologist following procedures outlined in Section 8 of the Comprehensive Sampling and Analysis Plan (CSAP, E/A&H 1994b). UST 18 is a cleared, maintained area which functions as a buffer zone along the southwest side of Runway 19/01 at NAS Pensacola's Forrest Sherman Field. It is maintained as a clear area (devoid of tall shrubs and trees) for flight safety reasons. Besides being used as a site for crash crew fire and rescue training, the site also functions as a drainage pathway for surface runoff which collects on the southwest portion of Sherman Field. The site is contoured toward its center along its north-south axis, descending from the edge of the runway on its eastern side and from the woods along its eastern side. This has formed a low swale running lengthwise, north to south, along the site's center, where surface water collects and flows offsite through a series of storm drains. The water table along the swale is only a few inches below land surface (bls), and because of its boggy, saturated properties, wetland herbs

and shrubs proliferate. However, because the area is frequently mowed and purposely cleared of tall vegetation, the site has not developed into the palustrine scrub-shrub wetland that would likely exist there if left unaltered. Although not classified as a wetland area by Parsons and Pruitt in a 1990 field survey of the NAS Pensacola wetlands (USEPA, 1991), the linear swale at the center of UST 18 was designated as wetland W-1 by E&E in a *Data Summary and Preliminary Scoping Report for Ecological Risk Assessment Work Plans* (E&E, 1992b).

Vegetation onsite consists primarily of wild flowers, herbs, and grasses typical to meadows and pastures. Pockets of shrubs have developed along the centerline of the swale near drainage structures, and near obstacles avoided by mowing equipment. A number of plant species with facultative or obligate wetland status are found along the wet swale. Examples of herbs include umbrella grass *(Fuirena scirpoidea)*, yellow eyed grass *(Xyris fimbriata)*, common pipewort *(Eriocaulon decangulare)*, meadow beauty *(Rhexia mariana)*, blazing star *(Liatris spicata)*, white bracted sedge *(Dichromena latifolia)*, marsh fleabane *(Pluchea rosea)*, redroot, *(Lachnanthes caroliniana)*, yellow top, *(Flaveria linearis)*, swamp pennywort *(Hydrocotyle verticillata)*, sedge *(Cyperus polystachyos)* and rushes *(Juncus, sp.)*. Shrubs include wax myrtle *(Myrica cerifera)*, ink berry *(Ilex glabra)*, sea myrtle *(Baccharis halimifolia)*, highbush blackberry *(Rubus argutus)*, and St. John's wort (two species) *(Hypericum brachyphyllum and H. cistifolium)*.

The western side of the site abuts to wooded and wetland habitats southwest of Sherman Field. To the northwest exists the eastern fringe of NAS Pensacola Wetland 49. This wooded area contains trees such as longleaf pine *(Pinus palustris)*, sweetbay magnolia *(Magnolia virginiana)*, and bald cypress *(Taxodium distichum)*, along with shrubs such as winged sumac *(Rhus copalina)* and yaupon *(Ilex vomitoria)*. This area is also heavy with vines, such as catbrier *(Smilax bona-nox)*, and dewberry *(Rubus trivialis)*. The southwest edge of the site borders on a secondary woods area containing sand pine *(Pinus clausa)*, live oak *(Quercus virginiana)*, sand live oak

(Quercus geminata), turkey oak *(Quercus laevis)*, persimmon *(Diospyros virginiana)*, minty rosemary *(Conradina canescens)*, rosemary *(Ceratiola ericoides)*, and inkberry.

A number of threatened or endangered species are onsite or within its vicinity. Narrow-leaved sundew *(Drosera intermedia)* exists throughout the moist areas of the swale. This sundew is considered threatened by the Threatened Plants in the Preservation of Native Flora of Florida Act. A population of white-top pitcher plants *(Saracennia leucophylla)* exists just northwest of the site in Wetland 49. This species is considered very rare and local throughout its range by the Florida Areas Natural Inventory (FNAI), and is listed as threatened by the state of Florida. Narrow-leaved sundew was also found in this area of Wetland 49. There is also evidence that gopher tortoises *(Gopherus polyphemus)* are on the east-central portion of the site. E/A&H scientists found two recent burrows and tracks during an August 1994 field survey. The gopher tortoise is considered very rare and local throughout its range by the FNAI and is listed as a species of special concern by the Florida Game and Fresh Water Fish Commission (FNAI, 1994).

Other than the probable presence of gopher tortoises, the site appears devoid of other animal activity. Ecologically, the site could support small rodents, birds, and other animals from adjacent woods, and perhaps shorebirds during periods of reduced human activity in the area. High-decibel noise levels associated with jet aircraft at Sherman Field probably reduce animal activity within the area.

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, 1992b).

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 in an 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 higher rates of infiltration and net recharge (E&E, 1992b).

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 FIELD INVESTIGATION AND METHODS

The field investigation for this contamination assessment took place during August and September 1995 included the installation of permanent shallow monitoring wells, and the collection of soil, sediment, groundwater, and surface water samples. The investigation focused on six of the eight burn areas identified during the Remedial Investigation (RI) as having contamination above the PRGs. In addition, an area west of Burn Area 1 identified during Phase I of the RI was further investigated during this contamination assessment. As a result of discussions among the Tier I Partnering Team, wetland areas potentially impacted by UST 18 were also investigated. An agreement among the partnering team members allowed the investigation to be conducted in accordance with the Sampling and Analysis Plan (SAP) for Site 3 (E/A&H, 1994c) that was developed under the CERCLA program. Sampling protocol followed the Site 3 SAP and the CSAP for NAS Pensacola. Analytical parameters for groundwater included the constituents of the mixed analytical group as outlined in FDEP Chapter 62-770, FAC.

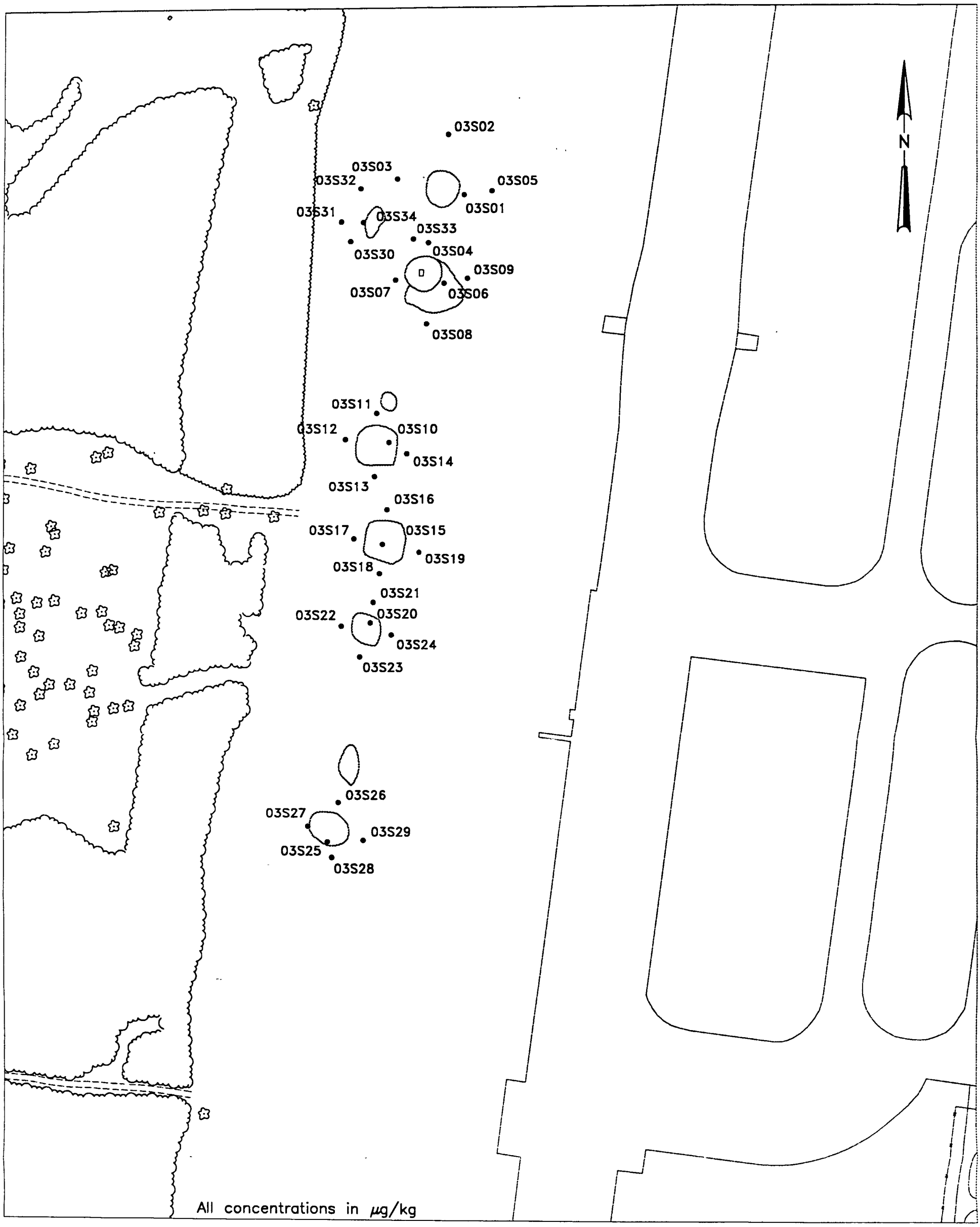
VOCs in groundwater and soil samples were analyzed using USEPA Method 8010/8020. BNAs (semivolatiles) were analyzed using Method 8270. Lead was analyzed using ICP Trace Method 6010 in groundwater and soil samples. TRPHs were analyzed using Method 418.1. Ethylene dibromide (EDB) was analyzed in groundwater samples using Method 504. Three soil samples were analyzed using Synthetic Precipitation Leaching Procedure (SPLP) with the leachate being analyzed using the above methods. Total Organic Carbon (TOC) was also analyzed on these three soil samples using Method 415.1. Sediment and surface water samples collected in the wetland areas were analyzed for the full TAL/TCL in accordance with CLP in addition to TRPH and EDB. Wetland samples were analyzed for full TAL/TCL to be consistent with other wetland sampling at the base. All samples were analyzed by CompuChem Laboratories, Inc., of Research Triangle Park, North Carolina. Because CompuChem Laboratories is not certified to run drinking water sample methods in Florida (EDB, Method 504), EDB sample analysis was subcontracted to Savannah Laboratories in

Savannah, Georgia. A Shelby tube sample of the vadose zone was collected and analyzed for grain size, permeability, porosity, bulk density, percent moisture, and specific gravity by Thompson Engineering and Testing in Mobile, Alabama.

4.1 Soil Sampling

Thirty-four soil samples, plus two duplicates were collected from 34 soil borings advanced in and around the burn areas. Five borings were associated with each burn area investigated; one boring was placed in approximately the center of the burn area or area of greatest apparent impact and four borings were advanced north, south, east and west approximately 25 feet from the perimeter of the burn area (Figure 4-1). The impacted area west of Burn Area 1 was surveyed using OVA soil headspace to position the surrounding borings. One boring was placed in the center of this area and four other borings were placed in each direction (north, south, east, west) at the point where soil headspace analysis results were below 50 ppm. Burn areas were delineated using a Global Positioning System and walking the perimeter of the pit. The pit was typically defined by the extent of stained soil, stressed vegetation, and/or a berm around the perimeter.

Soil borings were advanced using a stainless-steel hand auger as described in Section 4 of the CSAP. At each location, soil was collected from land surface to the water table and composited as a single sample. Soil for VOC analysis was collected as discrete samples every 2 feet for the entire boring depth. The discrete VOC samples were composited in the laboratory to minimize degassing and to ensure a representative VOC sample was analyzed. The water table across much of the soil sampling area was between one and three feet below land surface. In most cases, only one discrete volatile organic analysis (VOA) sample was necessary at each location because the water table was within 2 to 3 feet of land surface. Table 4-1 provides the details for soil samples and analytical parameters.



LEGEND

- Soil boring location
- Unpaved road

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

CONTAMINATION ASSESSMENT REPORT
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FIGURE 4-1

SOIL BORING LOCATIONS

DWG DATE: 12/26/95 | DWG NAME: FIG5-12

Table 4-1
UST 18 Soil Samples and Analytical Parameters

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Sample Analysis	Remarks
03S01	003S000102	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S02	003S000203 003S000204*	0-3 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	*003S000204 represents composited VOA samples 003S000202 and 003S000203
03S03	003S000302	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S04	003S000402	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S05	003S000501	0-1 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S06	003S000601	0-1 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S07	003S000703 003S000704*	0-3 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	*003S000704 represents composited VOA samples for 003S000702 and 003S000703
03S08	003S000802	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S09	003S000902	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S10	003S001002 003C001002 (duplicate)	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only

Table 4-1
UST 18 Soil Samples and Analytical Parameters

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Sample Analysis	Remarks
03S11	003S001102 003K001102 (MS) 003X001102(MSD)	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S12	003S001203 003S001204*	0-3 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	*003S001204 represents composited VOA samples 003S001202 and 003S001203
03S13	003S001303 003S001304*	0-3 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	*003S001304 represents composited VOA samples 003S001302 and 003S001303
03S14	003S001402	0-2 ft.	8/1/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S15	003S001503	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S16	003S001603	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S17	003S001704 003S001705*	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	*003S001705 represents composited VOA samples 003S001702 and 003S001704
03S18	003S001803	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S19	003S001902	0-2 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only

Table 4-1
UST 18 Soil Samples and Analytical Parameters

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Sample Analysis	Remarks
03S20	003S002003 003C002003 (duplicate)	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S21	003S002103	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S22	003S002204 003S002205*	0-4 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	*003S002205 represents composited VOA samples 003S002202 and 003S002204
03S23	003S002303	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S24	003S002403	0-3 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S25	003S002503	0-3 ft.	8/7/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S26	003S002604 003K002604 (MS) 003X002604 (MSD) 003S002605* 003K002605*(MS) 003X002605*(MSD)	0-4 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	*003S002605 represents composited VOA samples 003S002602 and 003S002604 (same for MS and MSD)
03S27	003S002704 003S002705*	0-4 ft.	8/2/95	8010/8020, 8270, 6010, 418.1	*003S002705 represents composited VOA samples 003S002702 and 003S002704

Table 4-1
UST 18 Soil Samples and Analytical Parameters

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Sample Analysis	Remarks
03S28	003S002804 003S002805*	0-4 ft.	8/7/95	8010/8020, 8270, 6010, 418.1	*003S002805 represents composited VOA samples 003S002802 and 003S002804
03S29	003S002903	0-3 ft.	8/7/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S30	003S003002	0-2 ft.	8/14/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S31	003S003102	0-2 ft.	8/14/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S32	003S003202	0-2 ft.	8/14/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S33	003S003302	0-2 ft.	8/14/95	8010/8020, 8270, 6010, 418.1	Soil boring only
03S34	003S003402	0-2 ft.	8/14/95	8010/8020, 8270, 6010, 418.1	Soil bring only

Notes:
MS = Matrix spike
MSD = Matrix spike duplicate

Sample Handling

Soil aliquots for VOC analysis were collected immediately after retrieving the hand auger to avoid degassing. Samples were collected directly from the sampler with little agitation using a stainless-steel spoon, and placed in appropriate containers with no headspace. The remaining sample was transferred to a stainless-steel bowl, homogenized, then placed into appropriate containers. Sample depth, lithologic descriptions, organic vapor concentrations, and other relevant observations were noted in field logbooks and boring logs, as appropriate.

4.2 Groundwater Monitoring

Monitoring Well Installation

Sixteen shallow and six intermediate permanent wells were installed onsite to monitor source, upgradient, and downgradient contaminants (Figure 4-2). Six well pairs were completed within (or slightly downgradient of) each of the six burn areas being investigated. Boreholes for the shallow wells were advanced deep enough for the screened interval to bracket the water table. Intermediate wells were set at depth where the screened interval was immediately above the upper confining unit. Seven shallow wells were installed downgradient of the burn areas at the eastern and southern extents of the site. Three additional wells were placed upgradient along the western part of the site. The UST 18 wells were constructed in accordance with procedures outlined in Section 5.3 of the CSAP. Boreholes were advanced using hollow-stem auger techniques with decontaminated 4.25-inch inside diameter hollow stem augers. 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 continuous slotted well screen. A filter pack of 20/30 silica sand was installed to approximately 2 feet above the top of the screen. A 2-foot bentonite seal was emplaced above the filter pack, and the rest of the borehole was grouted with Portland cement. Risers were terminated at ground surface and wells were completed with bolt-down, water-tight covers anchored in concrete pads. Because of the shallowness of groundwater at several of the well locations, well construction was modified to accommodate

GS10
GI01
GS01
GS07
GS11
GS02
GI02
GS12
GS03
GI03
GS08
GS13
GS04
GI04
GS05
GI05
GS14
GS09
GS06
GI06
GS15
GS16
N

LEGEND

Shallow monitoring well location

Shallow monitoring well location

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

CONTAMINATION
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FIGURE 4-2

MONITORING WELL
LOCATIONS

DWG DATE: 12/26/95 | DWG NAME: FIG4-2

bracketing the water table, and emplacing the filter pack, bentonite seal, and well cover. Table 4-2 lists the construction details/groundwater elevations for the UST 18 wells. Boring logs and well construction diagrams are included in Appendix B.

Monitoring Well Development

Monitoring wells were developed no sooner than 24 hours after well completion. A 5-horsepower centrifugal pump, decontaminated 0.75-inch PVC hose, and a footvalve assembly were used to develop the wells. Wells were first surged for 10 minutes with a decontaminated 2-inch PVC surge block/extension assembly to loosen fines within the filter pack before development.

After surging, the development hose was carefully inserted in the well to the bottom, and the pump started at a high speed to remove sediment from the well point. After approximately one minute the hose was retrieved to about mid-depth and the pump speed was reduced. Development continued until turbidity, conductivity, pH, and temperature stabilized. In many cases, to realize lower turbidity, development continued after the other parameters had stabilized. Once turbidity had stabilized, the well was considered developed. At least 55 gallons (12 well volumes) were purged from each well during development.

Groundwater Sampling

Twenty-two groundwater samples plus two duplicate samples were collected from the site wells. Wells were purged and sampled using a "quiescent" sampling method. Before sampling, the water level was measured and compared to total depth to calculate the appropriate purge volume. Wells were purged with a peristaltic pump and dedicated, decontaminated, 0.25-inch outside diameter Teflon tubing at a slow, controlled, pumping rate (varying from 0.06 to 0.2 gallons per minute. The depth of the inserted end of the Teflon purge tubing was adjusted inside the well in order to draw groundwater from the upper 6 inches of the water column. Temperature, conductivity, pH, turbidity, and purge volume were monitored and recorded.

Table 4-2
Construction Details/Groundwater Elevations for UST 18 Permanent Monitoring Wells (8/28/95)

Location	Well Depth (ft/bls)	Screened Interval (ft/bls)	Top of Casing Elevation (ft)	Depth to Water (ft/btoc)	Water Level Elevation (ft)
03GS01	11.8	1.5 – 11.5	26.08	1.64	24.44
03GS02	11.95	1.65 – 11.65	26.21	1.83	24.38
03GS03	12.7	2.4 – 12.4	26.89	2.14	24.75
03GS04	11.2	0.9 – 10.9	26.75	2.76	23.99
03GS05	12.7	2.4 – 12.4	26.77	2.85	23.92
03GS06	12.4	2.1 – 12.1	26.63	3.57	23.06
03GS07	11.2	0.9 – 10.9	28.18	3.14	25.04
03GS08	13.4	3.1 – 13.1	27.6	3.46	24.14
03GS09	14.7	4.3 – 14.3	27.76	4.42	23.34
03GS10	12.6	2.3 – 12.3	27.21	3.23	23.98
03GS11	12.3	2.0 – 12.0	27.39	3.43	23.96
03GS12	12.5	2.2 – 12.2	27.11	3.24	23.87
03GS13	13.0	2.7 – 12.7	27.29	3.62	23.67
03GS14	13.3	3.0 – 13.0	26.87	4.37	22.5
03GS15	19.7	9.4 – 19.4	27.05	10.69	16.36
03GS16	15.6	5.3 – 15.3	24.72	6.93	17.79
03GI01	54.7	44.3 – 54.3	25.35	5.05	20.3
03GI02	57.9	47.6 – 57.6	25.62	5.42	20.2
03GI03	58.4	48.1 – 58.1	27.06	7.05	20.01
03GI04	57.3	47.0 – 57.0	27.0	7.15	19.85
03GI05	58.4	48.1 – 58.1	27.51	7.87	19.64
03GI06	43.2	32.9 – 42.9	27.43	7.27	20.16

Notes:
Datum = Feet above mean seal level.
bls = Below land surface.
btoc = Below top of casing.

Total well depth includes an approximate .3 foot well point.

Purging continued until at least three well volumes were obtained and terminated when field parameters and turbidity stabilized to within $\pm 10\%$ over three consecutive readings. If high turbidity was encountered, additional water was purged until turbidity fell within acceptable limits or reached equilibrium. Groundwater samples were collected immediately after wells were purged. Using the dedicated Teflon tubing, groundwater was collected under a low vacuum pressure via an in-line collection and transfer device. This device consists of a decontaminated, two-aperture Teflon transfer cap, attached to a 300 series, laboratory-certified, 80 oz.-glass transfer bottle. This technique allowed groundwater with minimal turbidity to be collected for sampling. When the transfer bottle was filled, the pump was shut off, the transfer cap removed, and the sample was carefully decanted into the appropriate sample bottles. Volatiles were collected directly from the Teflon purge tubing. Water was run through the tubing until its volume was filled. The tubing was then disconnected from the peristaltic pump and unagitated groundwater was allowed to flow backward into 40-milliliter VOC vials. Table 4-3 outlines groundwater samples and analytical parameters.

4.3 Wetland Sampling

Wetland areas onsite and to the south of the site were sampled to determine potential impacts from activities at UST 18. Surface water and sediment were collected in three locations, one at the site and two south of the site. A full investigation of these wetlands is scheduled under the IR program as part of the Site 41 RI. Figure 4-3 presents the surface water and sediment locations. Surface water samples were collected by submerging a clean transfer bottle in the standing water and allowing it to fill. Water was then transferred to the appropriate sample containers. Sediments were collected with a stainless-steel spoon and bowl. VOC aliquots were collected first and the remainder of the sample was homogenized in a stainless-steel bowl and placed in the appropriate containers. Sediment and surface water samples were analyzed for full TAL/TCL parameters in addition to TRPH and EDB.

LEGEND

Sediment/Surface water location

Unpaved road

GRAPHIC SCALE

300 0 150 300 600

(IN FEET)
1 inch = 300 ft.

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FIGURE 4-3

SURFACE WATER AND SEDIMENT SAMPLE LOCATIONS

DWG DATE: 12/26/95 | DWG NAME: FIG4-3

Table 4-3
UST 18 Groundwater Samples and Analytical Parameters

Well No.	Sample No.	Date Sampled
03GS01	003GGS0101	8/18/95
03GS02	003GGS0201 003HGS0201a	8/17/95
03GS03	003GGS0301	8/21/95
03GS04	003GGS0401	8/21/95
03GS05	003GGS0501	8/21/95
03GS06	003GGS0601	8/17/95
03GS07	003GGS0701	8/17/95
03GS08	003GGS0801	8/18/95
03GS09	003GGS0901	8/17/95
03GS10	003GGS1001	8/21/95
03GS11	003GGS1101	8/18/95
03GS12	003GGS1201	8/18/95
03GS13	003GGS1301	8/18/95
03GS14	003GGS1401	8/18/95
03GS15	003GGS1501	8/17/95
03GS16	003GGS1601	8/17/95
03GI01	003GGI0101	8/18/95
03GI02	003GGI0201 003HGI0201[a]	8/22/95
03GI03	003GGI0301	8/23/95

Table 4-3
UST 18 Groundwater Samples and Analytical Parameters

Well No.	Sample No.	Date Sampled
03GI04	003GGI0401	8/23/95
03GI05	003GGI0501	8/24/95
03GI06	003GGI0601 003KGI0601(MS) 003XGI0601(MSD)	8/18/95

Notes:

a	=	Duplicate Sample
MS	=	Matrix spike
MSD	=	Matrix spike duplicate

Groundwater samples were analyzed following guidelines in 62.770 FAC for the Mixed Product Analytical Group.

5.0 CONTAMINATION ASSESSMENT RESULTS

As discussed earlier, this contamination assessment was developed based on the analytical results of the Phase I investigation under the IR program. Evaluation of the Phase I data identified the parameters of concern at the site, which were primarily fuel related. The data discussed here represent the results of the contamination assessment (Phases 2 and 3) and are presented to accomplish the CAR objectives under 62-770 FAC.

5.1 Site Geology and Hydrogeology

Soil at UST 18 was described using the 22 boreholes completed to install the site monitoring wells. The boring logs for these wells are presented in Appendix B. Sixteen of the borings terminated at a depth of approximately 15 feet, five borings were advanced through the full thickness of the surficial zone to the top of the low permeability zone, and one was installed at an intermediate depth above the lower surficial zone. This boring, the first deeper one completed at the site, encountered a thick clayey sand to sandy clay at approximately 45 feet. This unit was several feet thick and to avoid breaching the confining unit the boring was terminated at approximately 50 feet. After completing the remaining intermediate well borings, it was apparent this zone was equivalent to the organic zone identified by G&M and not the low permeability zone (confining unit). As a result, well 03GI06 terminates approximately 15 feet above the anticipated depth of the confining unit. Discussions in this section will refer to the surficial zone as the upper (shallow depth) and lower (intermediate depth) surficial zones. As described in Section 3.2, the upper surficial zone refers to the water table and lower surficial zone refers to the basal portion of the surficial zone immediately above the low permeability zone. Figure 5-1 shows a generalized geologic cross section of the site.

Within the burn areas, surficial soil is typically stained black with a crust in the upper few inches. Outside of the burn areas, the surficial soil is grass covered, fine- to medium-grained sand to silty sand ranging in color from tan to gray to dark brown. A Shelby tube collected from the 0- to 2.5-foot interval indicates this sand contains a vertical hydraulic conductivity of

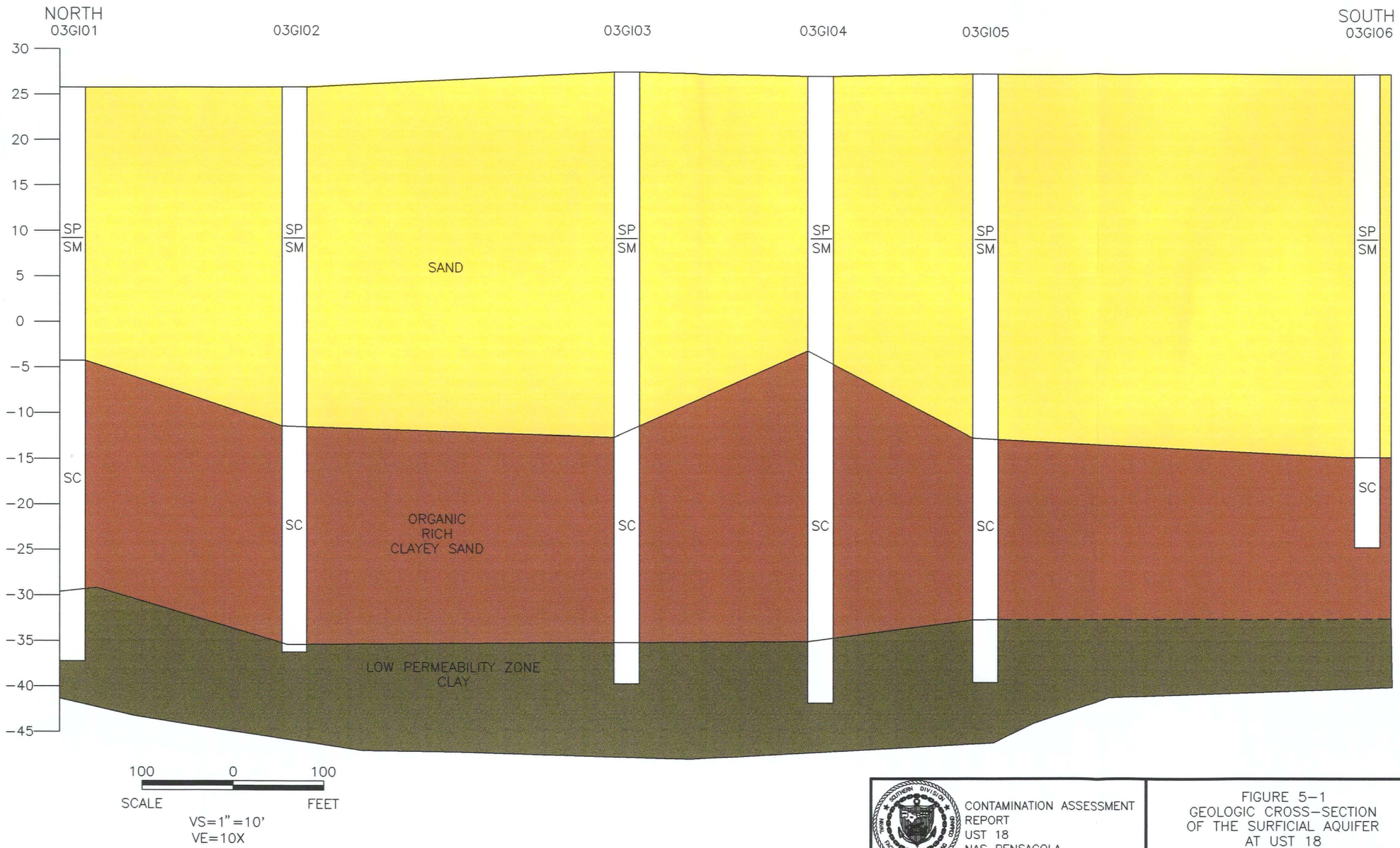

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FIGURE 5-1
GEOLOGIC CROSS-SECTION
OF THE SURFICIAL AQUIFER
AT UST 18

DWG DATE:01/10/96 | DWG NAME:82CSSA18

1.68×10^{-3} centimeters/second (cm/sec) and a porosity of 33% (Appendix C). TOC data indicate organic carbon content ranging from a low of 1,590 mg/kg in Burn Area 8 to a high of 11,600 mg/kg in Burn Area 1. At depth, soil becomes more silty and organic rich and pore water is dark brown, possibly from tannic acid. An organic zone was identified in several of the intermediate-depth soil borings. This zone contained peat, clayey sand, and abundant wood fragments. The prominence of this zone increases to the south. Between 40 and 60 feet bls, soil was typically brown to gray, medium-grained silty sand to clayey sand with clay casts, wood fragments, and shell fragments throughout. The lower permeability zone was encountered in five of the six intermediate boreholes at a depth of about 57 to 65 feet bls. This unit consists of stiff, highly plastic gray clay to a sandy clay with abundant shell fragments. Sandy clay to clayey sand beds were occasionally intercalated with the clay. Hydraulic conductivity values of the site's low permeability zone were not obtained; however, hydraulic conductivity data collected from the same zone at Operable Unit 10 indicate values ranging between 2.065×10^{-5} feet/day (7.285×10^{-9} cm/sec) and 1.764×10^{-3} feet/day (6.224×10^{-7} cm/sec) (E/A&H 1995a). The thickness of this unit reportedly varies from 8 to 17 feet basewide. Sediments with hydraulic conductivity values of less than 10^{-5} cm/sec generally are considered a confining unit (Fetter, 1988). The extremely low hydraulic conductivity found in the clay layer and its apparent lateral continuity beneath the site indicate an extremely low potential for groundwater to move through the clay and into the underlying main producing zone at this site

Water level was measured on August 28, 1995, in the 22 wells installed at the site (Table 4-3). Based on site groundwater elevations, site groundwater flows to the south-southeast in both the upper and lower surficial zones (Figures 5-2 and 5-3). In the site's northern part, groundwater flow is more easterly. Groundwater was encountered in the boreholes at depths ranging from 1.6 to 10.7 feet.

Horizontal gradients in the shallow zone range from .0016 to .0037 across much of the site. Horizontal gradients increase dramatically (an order of magnitude) in the southern part of the

LEGEND

Shallow monitoring well location

Piezometric contour (elevation in ft.)

Groundwater flow direction

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

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FIGURE 5-2

PIEZOMETRIC MAP OF THE UPPER SURFICIAL ZONE

DWG DATE: 12/26/95 | DWG NAME: FIG5-2

LEGEND

Intermediate monitoring well location

Piezometric contour (elevation in ft.)

Groundwater flow direction

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

CONTAMINATION
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FIGURE 5-3

PIEZOMETRIC MAP OF THE
LOWER SURFICIAL ZONE

DWG DATE: 12/26/95 | DWG NAME: FIG5-3

site between wells 03GS06 and 03GS15 to 0.012. Horizontal gradients in the lower surficial zone are slightly less than the shallow counterpart, averaging 0.0012.

Relative groundwater elevations between the shallow wells and the paired intermediate depth wells indicate a potential for downward flow between the upper and lower surficial zones. The vertical gradients were calculated by subtracting the intermediate water elevation from the shallow water elevation (feet msl), then dividing by the vertical distance between the center of each well screen. As shown in Table 5-1, a downward vertical gradient was consistent between each well pair and values ranged from .090 to .104.

Table 5-1
Vertical Gradients Calculations

Shallow Monitoring Wells	Groundwater Elevation (feet msl)	Center Screen Elevation (feet msl)	Intermediate Monitoring Wells	Groundwater Elevation (feet msl)	Center Screen Elevation (feet msl)	Calculated Vertical Hydraulic Gradient
03GS01	24.44	19.61	03GI01	20.3	-23.97	.095
03GS02	24.38	19.56	03GI02	20.2	-26.93	.090
03GS03	24.75	19.52	03GI03	20.01	-25.98	.104
03GS04	23.99	20.9	03GI04	19.85	-24.92	.090
03GS05	23.92	19.37	03GI05	19.64	-25.51	.095
03GS06	23.06	19.57	03GI06	20.16	-10.44	.097

Groundwater velocities can be calculated for the shallow zone using the gradients determined in this investigation and average hydraulic conductivities calculated using specific capacity testing done during the Site 39 RI (E/A&H, 1995b), a site located approximately 0.7 mile from this site. Based on the range of horizontal gradients in the surficial zone at UST 18, an average hydraulic conductivity of 248 feet/day, and an effective porosity of 28% for sand (Heath, 1989), horizontal groundwater velocities in the upper surficial zone range from 1.4 feet/day in the

northern part of the site to 10.6 feet/day in the southern part of the site. The horizontal groundwater velocities were calculated using the following derivation of Darcy's Law:

$$V = Ki/n$$

where:
- K = hydraulic conductivity from Site 39
- i = groundwater gradient
- n = effective porosity of aquifer matrix

Groundwater field parameters monitored during groundwater sampling indicate the upper surficial zone has a mean pH of 5.4, specific conductivity of 60.9 microSiemens/centimeter (mS/cm), temperature of 28.6° Centigrade, and turbidity of 23.8 nephelometric turbidity units (NTUs). The lower surficial zone had similar water quality with the exception of turbidity. Mean values for these parameters indicated a pH of 5.4, conductivity of 71 mS/cm, temperature of 26.8, and turbidity of 104 NTUs.

5.2 Groundwater Assessment

Sixteen shallow and six intermediate permanent groundwater wells bracketing the water table were sampled to delineate the extent of contamination in site groundwater. Anticipated potential contaminants included those identified during Phase I of the RI where Level IV Data Quality Level (DQL) under CLP was used. Laboratory analyses for this contamination assessment followed the guidelines of Chapter 62-770.600 FAC. Contaminants detected in groundwater during this assessment are presented in Table 5-2. The complete data set is presented in Appendix D. Only those contaminants exceeding State Regulatory Levels (SRLs) will be discussed. SRLs for groundwater include those provided in 62-770.730 FAC and Florida Groundwater Guidance Concentrations 1994.

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GI01-01	003-G-GI02-01	003-H-GI02-01	003-G-GI03-01	003-G-GI04-01
Volatiles (ug/L)						
Benzene	1	1.9 J	ND	ND	ND	ND
Toluene	40[a]	ND	3.0	2.8	ND	0.9 J
Chlorobenzene	NR	1.0 J	ND	ND	ND	ND
Ethylbenzene	30[a]	0.94 J	1.1	0.93	ND	0.21 J
o-Xylene	NR[a]	0.54 J	2.1	2.0	0.33	0.36
Styrene	100	0.32	0.28	ND	ND	ND
1,3-Dichlorobenzene	10	0.55	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	60	11.0	ND	ND	ND	ND
p-Xylene	NR[a]	ND	2.2	2.0	ND	ND
m-Xylene	NR[a]	ND	2.2	2.0	ND	ND
1,2 Dichloroethane	3	ND	ND	ND	ND	ND
Tetrachloroethene	3	ND	ND	ND	ND	ND
Chloroform	6	ND	ND	ND	ND	ND
Trichloroethene	3	ND	ND	ND	ND	ND
1,2 Dibromoethane (EDB)	0.02	ND	ND	ND	ND	ND
Total BTEX	50	3.38	10.6	9.73	0.33	1.47

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GI01-01	003-G-GI02-01	003-H-GI02-01	003-G-GI03-01	003-G-GI04-01
Semivolatiles (ug/L)						
3-Methylphenol (m-Cresol)	350	ND	ND	ND	ND	ND
4-Methylphenol (p-Cresol)	35	ND	ND	ND	ND	ND
Phenol	10	ND	ND	ND	ND	ND
2-Methylphenol (o-Cresol)	350	ND	ND	ND	ND	ND
Acetophenone	700	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	ND	ND	ND	ND	ND
Naphthalene	NR	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	ND	ND	ND	ND	ND
1-Methyl naphthalene	NR	ND	ND	ND	ND	ND
Total NAPs	100	ND	ND	ND	ND	ND
1,3-Dinitrobenzene	50	ND	ND	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND	ND	ND
Fluoranthene	280	ND	ND	ND	ND	ND
Pyrene	210	ND	ND	ND	ND	ND
Dibenzofuran	NR	ND	ND	ND	ND	ND
Chrysene	5	ND	ND	ND	ND	ND

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GI01-01	003-G-GI02-01	003-H-GI02-01	003-G-GI03-01	003-G-GI04-01
Metals (ug/L)						
Lead	15	ND	4.4	5.8	5.7	5.1
TRPH (mg/L)						
Petroleum Hydrocarbons	5	ND	ND	ND	ND	ND

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GI05-01	003-G-GI06-01	003-G-GS01-01	003-G-GS02-01	003-H-GS02-01
Volatiles (ug/L)						
Benzene	1	0.42 J	1.2	600.0	370.0	370.0
Toluene	40[a]	ND	6.1 J	70.0	2200.0	2400.0
Chlorobenzene	NR	ND	ND	ND	ND	ND
Ethylbenzene	30[a]	ND	3.0 J	60.0	290.0	370.0
o-Xylene	NR[a]	0.26	7.3	110.0	700.0	ND
Styrene	100	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	10	ND	0.47 J	ND	ND	ND
1,4-Dichlorobenzene	75	ND	3.9 J	55.0	84.0	ND
1,2-Dichlorobenzene	60	ND	0.67 J	ND	43.0	55.0
p-Xylene	NR[a]	ND	7.5	ND	560.0	670.0
m-Xylene	NR[a]	ND	7.5	ND	560.0	670.0
1,2 Dichloroethane	3	ND	ND	0.94J	ND	ND
Tetrachloroethene	3	ND	ND	ND	0.34J	0.33J
Chloroform	6	ND	ND	ND	ND	ND
Trichloroethene	3	ND	ND	ND	ND	ND
1,2 Dibromoethane (EDB)	0.02	ND	ND	ND	0.85	0.92
Total BTEX	50	0.68	32.6	840.0	4680.0	4480.0

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GI05-01	003-G-GI06-01	003-G-GS01-01	003-G-GS02-01	003-H-GS02-01
Semivolatiles (ug/L)						
3-Methylphenol (m-Cresol)	350	ND	ND	ND	86.0 J	91.0 J
4-Methylphenol (p-Cresol)	35	ND	ND	ND	86.0 J	91.0 J
Phenol	10	ND	ND	ND	11.0 J	13.0 J
2-Methylphenol (o-Cresol)	350	ND	ND	ND	23.0 J	23.0 J
Acetophenone	700	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	ND	ND	15.0 J	ND	ND
Naphthalene	NR	ND	1.0 J	29.0	76.0	100.0
2-Methylnaphthalene	NR	ND	ND	7.0 J	14.0 J	26.0 J
1-Methyl naphthalene	NR	ND	1.0 J	8.0 J	63.0	76.0
Total NAPs	100	ND	ND	ND	153.0	202.0
1,3-Dinitrobenzene	50	ND	ND	ND	10.0 J	ND
Pentachlorophenol	1	ND	ND	4.0 J	ND	ND
Fluoranthene	280	1.0 J	ND	ND	ND	ND
Pyrene	210	1.0 J	ND	ND	ND	ND
Dibenzofuran	NR	ND	ND	ND	ND	ND
Chrysene	5	1.0 J	ND	ND	ND	ND

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GI05-01	003-G-GI06-01	003-G-GS01-01	003-G-GS02-01	003-H-GS02-01
Metals (ug/L)						
Lead	15	5.2	11.7 J	15.8 J	58.3	58.1
TRPH (mg/L)						
Petroleum Hydrocarbons	5	ND	7.0	4.9	10.1	9.8

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS03-01	003-G-GS04-01	003-G-GS05-01	003-G-GS06-01	003-G-GS07-01
Volatiles (ug/L)						
Benzene	1	ND	ND	ND	ND	120.0
Toluene	40[a]	140.0	300.0	14.0	800.0	50.0
Chlorobenzene	NR	ND	ND	ND	ND	
Ethylbenzene	30[a]	18.0	98.0	43.0	120.0	240.0
o-Xylene	NR[a]	150.0	310.0	110.0	270.0	310.0
Styrene	100	ND	ND	ND	ND	
1,3-Dichlorobenzene	10	4.5	ND	17.0	130.0	23.0
1,4-Dichlorobenzene	75	26.0	97.0	3.6	ND	
1,2-Dichlorobenzene	60	19.0	21.0	68.0	81.0	45.0
p-Xylene	NR[a]	72.0	290.0	120.0	310.0	380.0
m-Xylene	NR[a]	72.0	290.0	120.0	310.0	380.0
1,2 Dichloroethane	3	ND	ND	ND	ND	ND
Tetrachloroethene	3	ND	ND	ND	ND	ND
Chloroform	6	ND	ND	ND	0.38	ND
Trichloroethene	3	ND	ND	ND	4.5	ND
1,2 Dibromoethane (EDB)	0.02	ND	ND	ND	ND	ND
Total BTEX	50	452	1288	407	1810	1480

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS03-01	003-G-GS04-01	003-G-GS05-01	003-G-GS06-01	003-G-GS07-01
Semivolatiles (ug/L)						
3-Methylphenol (m-Cresol)	350	23.0 J	4.0 J	8.0 J	1.0 J	8.0 J
4-Methylphenol (p-Cresol)	35	23.0 J	4.0 J	8.0 J	1.0 J	8.0 J
Phenol	10	ND	ND	ND	ND	ND
2-Methylphenol (o-Cresol)	350	8.0 J	2.0 J	ND	4.0 J	ND
Acetophenone	700	ND	9.0 J	ND	ND	ND
2,4-Dimethylphenol	400	ND	3:0 J	ND	ND	ND
4-Chloroaniline	28	ND	ND	23.0	ND	ND
Naphthalene	NR	82.0	3.0 J	83.0	26.0	150.0
2-Methylnaphthalene	NR	40.0	4.0 J	44.0	13.0	67.0
1-Methyl naphthalene	NR	55.0	8.0 J	53.0	32.0	100.0
Total NAPs	100	177	15	180	71	317
1,3-Dinitrobenzene	50	ND	ND	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND	ND	ND
Fluoranthene	280	ND	ND	ND	ND	ND
Pyrene	210	ND	ND	ND	ND	ND
Dibenzofuran	NR	ND	ND	ND	ND	ND
Chrysene	5	ND	ND	ND	ND	ND

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS03-01	003-G-GS04-01	003-G-GS05-01	003-G-GS06-01	003-G-GS07-01
Metals (ug/L)						
Lead	15	46.8	25.9	75.6	140.0	ND
TRPH (mg/L)						
Petroleum Hydrocarbons	5	7.0	1.4	0.9	0.5	7.2

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS08-01	003-G-GS09-01	003-G-GS10-01	003-G-GS11-01	003-G-GS12-01
Volatiles (ug/L)						
Benzene	1	ND	ND	ND	ND	ND
Toluene	40[a]	ND	ND	ND	ND	ND
Chlorobenzene	NR	ND	ND	ND	ND	ND
Ethylbenzene	30[a]	ND	ND	ND	ND	ND
o-Xylene	NR[a]	ND	ND	ND	ND	ND
Styrene	100	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	10	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	60	ND	ND	ND	ND	ND
p-Xylene	NR[a]	ND	ND	ND	ND	ND
m-Xylene	NR[a]	ND	ND	ND	ND	ND
1,2 Dichloroethane	3	ND	ND	ND	ND	ND
Tetrachloroethene	3	ND	ND	ND	ND	ND
Chloroform	6	ND	ND	ND	ND	ND
Trichloroethene	3	ND	ND	ND	ND	ND
1,2 Dibromoethane (EDB)	0.02	ND	ND	ND	ND	ND
Total BTEX	50	ND	ND	ND	ND	ND

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS08-01	003-G-GS09-01	003-G-GS10-01	003-G-GS11-01	003-G-GS12-01
Semivolatiles (ug/L)						
3-Methylphenol (m-Cresol)	350	ND	ND	ND	ND	ND
4-Methylphenol (p-Cresol)	35	ND	ND	ND	ND	ND
Phenol	10	ND	ND	ND	ND	ND
2-Methylphenol (o-Cresol)	350	ND	ND	ND	ND	ND
Acetophenone	700	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	ND	ND	ND	ND	ND
Naphthalene	NR	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	ND	ND	ND	ND	ND
1-Methyl naphthalene	NR	ND	ND	ND	ND	ND
1,3-Dinitrobenzene	50	ND	ND	ND	ND	ND
Total NAPs	100	ND	ND	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND	ND	ND
Fluoranthene	280	ND	ND	ND	ND	ND
Pyrene	210	ND	ND	ND	ND	ND
Dibenzofuran	NR	ND	ND	ND	ND	ND
Chrysene	5	ND	ND	ND	ND	ND

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS08-01	003-G-GS09-01	003-G-GS10-01	003-G-GS11-01	003-G-GS12-01
Metals (ug/L)						
Lead	15	ND	ND	6.2	ND	ND
TRPH (mg/L)						
Petroleum Hydrocarbons	5	ND	ND	ND	ND	ND

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS13-01	003-G-GS14-01	003-G-GS15-01	003-G-GS16-01	
Volatiles (ug/L)						
Benzene	1	ND	ND	ND	ND	
Toluene	40[a]	ND	ND	ND	ND	
Chlorobenzene	NR	ND	ND	ND	ND	
Ethylbenzene	30[a]	ND	ND	ND	ND	
o-Xylene	NR[a]	ND	ND	0.5	ND	
Styrene	100	ND	ND	ND	ND	
1,3-Dichlorobenzene	10	ND	ND	ND	ND	
1,4-Dichlorobenzene	75	ND	ND	ND	ND	
1,2-Dichlorobenzene	60	ND	ND	ND	ND	
p-Xylene	NR[a]	ND	ND	ND	ND	
m-Xylene	NR[a]	ND	ND	ND	ND	
1,2 Dichloroethane	3	ND	ND	ND	ND	
Tetrachloroethene	3	ND	ND	ND	ND	
Chloroform	6	ND	ND	ND	ND	
Trichloroethene	3	ND	ND	ND	ND	
1,2 Dibromoethane (EDB)	0.02	ND	ND	ND	ND	
Total BTEX	50	ND	ND	ND	ND	

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS13-01	003-G-GS14-01	003-G-GS15-01	003-G-GS16-01	
Semivolatiles (ug/L)						
3-Methylphenol (m-Cresol)	350	ND	ND	ND	ND	
4-Methylphenol (p-Cresol)	35	ND	ND	ND	ND	
Phenol	10	ND	ND	ND	ND	
2-Methylphenol (o-Cresol)	350	ND	ND	ND	ND	
Acetophenone	700	ND	ND	ND	ND	
2,4-Dimethylphenol	4900	ND	ND	ND	ND	
Naphthalene	NR	ND	ND	ND	ND	
2-Methylnaphthalene	NR	ND	ND	ND	ND	
1-Methyl naphthalene	NR	ND	ND	ND	ND	
1,3-Dinitrobenzene	50	ND	ND	ND	ND	
Total NAPs	100	ND	ND	ND	ND	
Pentachlorophenol	1	ND	ND	ND	ND	
Fluoranthene	280	ND	ND	ND	ND	
Pyrene	210	ND	ND	ND	ND	
Dibenzofuran	NR	ND	ND	ND	ND	
Chrysene	5	ND	ND	ND	ND	

Table 5-2
Summary Analytical Results for Groundwater Samples

Parameter	State Regulatory Level	003-G-GS13-01	003-G-GS14-01	003-G-GS15-01	003-G-GS16-01	
Metals (ug/L)						
Lead	15	ND	ND	ND	ND	
TRPH (mg/L)						
Petroleum Hydrocarbons	5	ND	1.3	ND	0.5	

Notes:

ND = Parameter not detected in sample.
NR = Not reported — no SFL is available for this parameter.
Underline = Indicates parameter exceeds SRL.
[e] = Although parameter has a reported FGGC, this parameter is included in the Total BTEX concentration following monitoring guidelines of 62-770 FAC.
J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.

Upper Surficial Zone

Of the 16 shallow wells sampled, only those in the burn areas had detectable contaminant concentrations. Common fuel contaminants, including benzene, toluene, ethylbenzene, xylene, EDB, naphthalene, and lead were detected in one or more of the source wells above the SRLs. Benzene was detected in each of the burn areas investigated and in well 03GS07 west of Burn Area 1, exceeding the SRL of 1 microgram per liter (μg/L). Benzene concentrations ranged from 3.5 μg/L to 600 μg/L and are shown on Figure 5-4. The highest concentration was found in the shallow well at Burn Area 1, which is currently used in fire training. Toluene, ethylbenzene, and xylene were detected in samples from each of the source wells and in 03GS07. Total benzene, toluene, ethylbenzene, and xylene (BTEX) concentrations are presented in Figure 5-5 and ranged from 410.5 μg/L to 4,680 μg/L. EDB was detected only in well 03GS02 at Burn Area 2 and exceeded the SRL (Figure 5-6). Total NAPs (naphthalene, 1-methylnaphthalene, 2-methylnaphthalene) concentrations exceeded the SRL of 100 μg/L in four samples (Figure 5-7). Total NAPs concentrations ranged from 153 μg/L to 317 μg/L. Lead was detected in each of the burn areas investigated exceeding the SRL of 15 μg/L. Concentrations ranged from 15.8 μg/L to 140 μg/L and are presented in Figure 5-8. TRPHs exceeded the SRL of 5 milligrams per liter (mg/L) in four samples ranging from 7 mg/L to 10.1 mg/L (Figure 5-9). Phenol, 2-methylphenol, 3-methylphenol, and 4-methylphenol were detected in several of the source well samples. Phenol and 4-methylphenol were detected in sample 003GGS0201 (and duplicate 003HGS0201) at concentrations of 88 μg/L (91 μg/L) and 11 μg/L (13 μg/L) above their respective SRLs (Table 5-2). 1,2-, 1,3-, and 1,4-dichlorobenzene were detected in several shallow well samples exceeding their respective SRLs (Table 5-2). In each case, these exceedances corresponded with exceedances of Total BTEX (locations 03GS02, 03GS04, 03GS05, 03GS06, and 03GS07. Several other contaminants not identified as potential contaminants of concern during Phase I were identified during this phase of the investigation. One anomalous detection of trichloroethylene (4.5 μg/L) was found in sample 003GGS0601 above the SRL of 3 μg/L. Pentachlorophenol was detected in sample 003GGS0101 (4.0 μg/L) above the SRL of 1 μg/L. The occurrence of these contaminants is sporadic across the site and

03GGS1001

03GGS0101
B 600
03GGS1101

03GGS0701
B 120

03GGS0201
B 370

03GGS1201

03GGS0301

03GGS1301

03GGS0801

03GGS0401

03GGS0501

03GGS1401

03GGS0901

03GGS0601

03GGS1501

03GGS1601

All concentrations in µg/L

N

LEGEND

Shallow monitoring well location

Unpaved road

B 370 — Benzene (State Regulatory level = 1 µg/L)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

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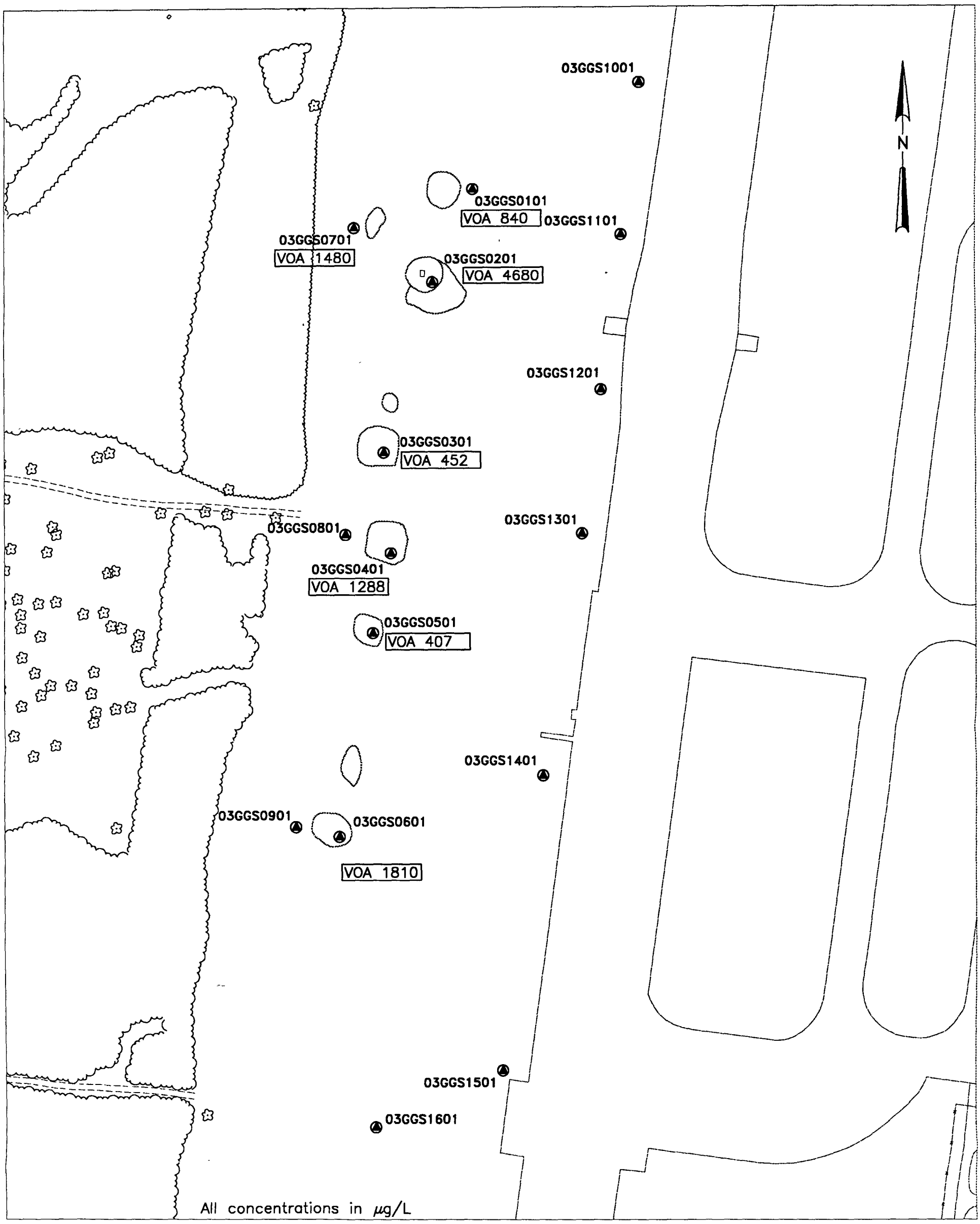
FIGURE 5-4

DETECTED BENZENE CONCENTRATIONS IN
SHALLOW GROUNDWATER SAMPLES
EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-4



LEGEND

- Shallow monitoring well location
- Intermediate monitoring well location
- Unpaved road
- VOA 1323 — Total VOAs (State Regulatory level = 50 µg/L)*

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

*Total VOAs = Total concentration of Benzene, Ethylbenzene, Toluene, and Xylene

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FIGURE 5-5

DETECTED TOTAL VOA CONCENTRATIONS IN SHALLOW GROUNDWATER SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-5

03GGS1001

03GGS0101

03GGS1101

03GGS0701

03GGS0201

EDB 0.85 / EDB 0.92*

03GGS1201

03GGS0301

03GGS1301

03GGS0801

03GGS0401

03GGS0501

03GGS1401

03GGS0901

03GGS0601

03GGS1501

03GGS1601

N

All concentrations in $\mu g/L$

LEGEND

Shallow monitoring well location

Intermediate monitoring well location

Unpaved road

EDB 0.85 Total EDB (State Regulatory level = .02 $\mu g/L$)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

*Represents duplicate sample

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FIGURE 5-6

DETECTED EDB CONCENTRATIONS IN SHALLOW GROUNDWATER SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-6

03GGS1001

03GGS0101

03GGS1101

03GGS0701
NAP 317

03GGS0201
NAP 153 /
NAP 202 *

03GGS1201

03GGS0301
NAP 177

03GGS1301

03GGS0801

03GGS0401

03GGS0501
NAP 180

03GGS1401

03GGS0901

03GGS0601

03GGS1501

03GGS1601

N

All concentrations in $\mu g/L$

LEGEND

Shallow monitoring well location

Intermediate monitoring well location

Unpaved road

NAP 317 Total NAPs (State Regulatory level = 100 $\mu g/L$)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

Total NAPs = Total concentration of Naphthalene, and Methylnaphthalenes

*Represents duplicate sample

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FIGURE 5-7

DETECTED TOTAL NAP CONCENTRATIONS IN SHALLOW GROUNDWATER SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-7

03GGS1001

03GGS0101
Pb 15.8
03GGS1101

03GGS0701

03GGS0201
Pb 58.3

03GGS1201

03GGS0301
Pb 46.8

03GGS1301

03GGS0801

03GGS0401
Pb 25.9

03GGS0501
Pb 75.6

03GGS1401

03GGS0901

03GGS0601
Pb 140

03GGS1501

03GGS1601

All concentrations in $\mu g/L$

N

LEGEND

Shallow monitoring well location

Intermediate monitoring well location

Unpaved road

Pb 140 — Total Lead (State Regulatory level = 15 $\mu g/L$)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

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FIGURE 5-8

DETECTED LEAD CONCENTRATIONS
IN SHALLOW GROUNDWATER SAMPLES
EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-8

03GGS1001

03GGS0101

03GGS1101

03GGS0701
TRPH 7.2

03GGS0201
TRPH 10.1

03GGS1201

03GGS0301
TRPH 7

03GGS1301

03GGS0801

03GGS0401

03GGS0501

03GGS1401

03GGS0901

03GGS0601

03GGS1501

03GGS1601

N

All concentrations in mg/L

LEGEND

Shallow monitoring well location

Intermediate monitoring well location

Unpaved road

TRPH 10.1 TRPH (State Regulatory level = 5 mg/L)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

CONTAMINATION
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FIGURE 5-9

DETECTED TRPH CONCENTRATIONS
IN SHALLOW GROUNDWATER SAMPLES
EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-9

their absence in previous sampling (at a higher DQL) suggest that they do not represent significant sources of contamination or may be laboratory artifacts.

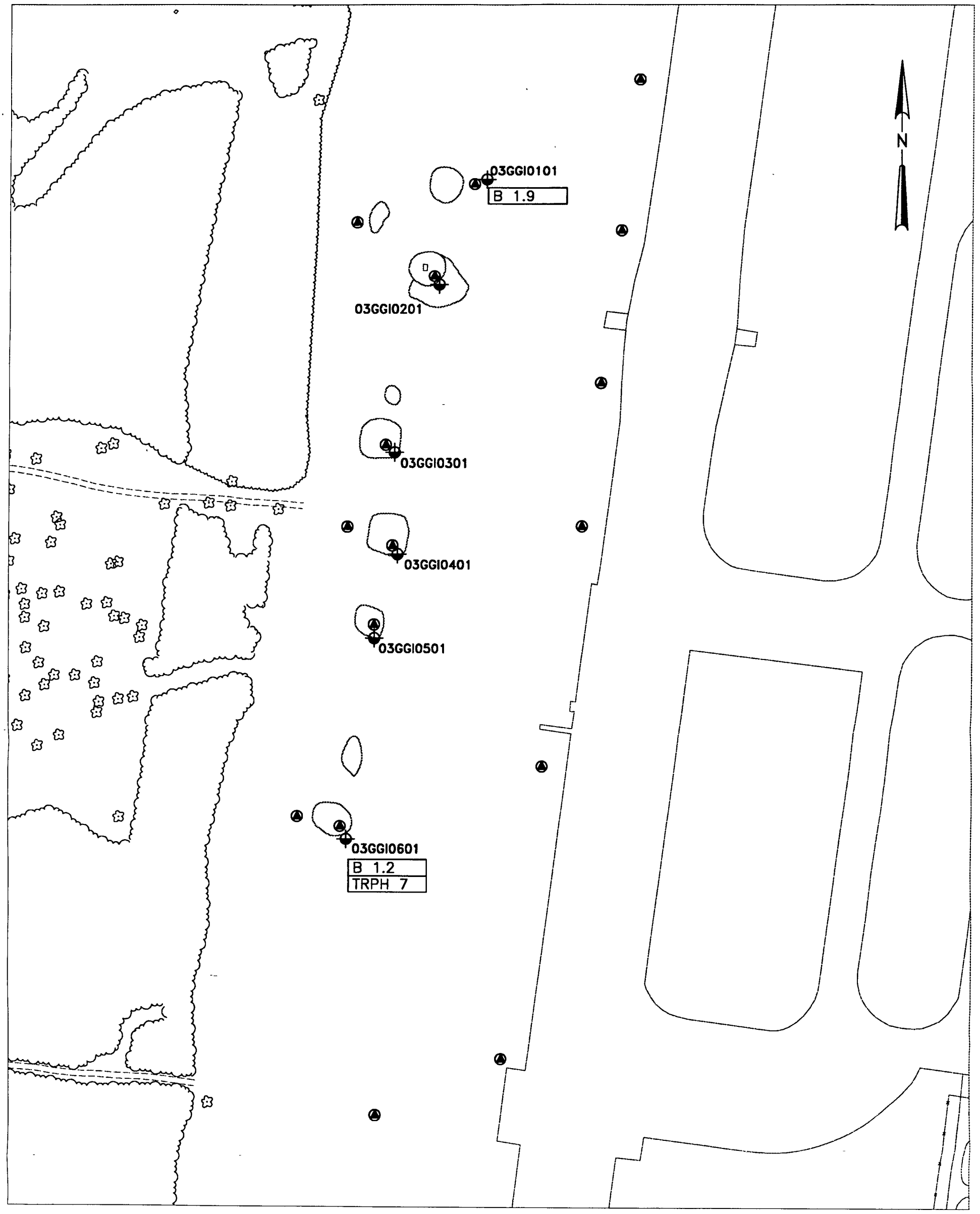
Shallow groundwater has been impacted as a result of the activities at UST 18. Concentration of at least one fuel-related contaminant exceeded the SRL in each of the source well samples. Moreover, only a few contaminants were detected in perimeter or downgradient shallow wells and none of these detections exceeded an SRL. The highest contaminant concentrations were associated with Burn Areas 1 and 2, the active and most recently active burn areas, respectively. SRL exceedances also occurred in the sample collected in the fuel staging area west of Burn Area 1.

Lower Surficial Zone

The only contaminant detected in intermediate wells above an SRL was benzene, in wells 03GI01 and 03GI06 at concentrations of 1.9 μg/L and 1.2 μg/L, respectively (Figure 5-10). TRPHs also exceeded the SRL of 5 mg/L in the sample from 03GI06 at a concentration of 7 mg/L. The low concentration or absence (in the intermediate well samples) of fuel parameters detected in the upper surficial zone indicate the lower surficial zone has not been significantly impacted.

5.3 Soil Assessment

Thirty-four soil samples collected during the investigation were analyzed VOCs, semivolatiles, lead, and TRPHs. The detected concentrations of contaminants were compared to the Florida Cleanup Goals (CGs) (Residential) dated September 29, 1995. No contaminant was detected above a health-based CG; however, because groundwater contamination was detected, leachibility-based CGs were compared to soil analytical data. Where applicable, the leachability-based CGs were considered the SRLs for soil. If no leachability-based CG was available, the health-based CG was applied. Contaminants detected in site soil samples are presented in Table 5-3. Figure 5-11 presents the distribution of individual BTEX concentrations exceeding



LEGEND

Shallow monitoring well location

Intermediate monitoring well location

Unpaved road

B 1.9	Benzene (State Regulatory level = 1 µg/L)
TRPH 7	TRPH (State Regulatory level = 5 mg/L)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

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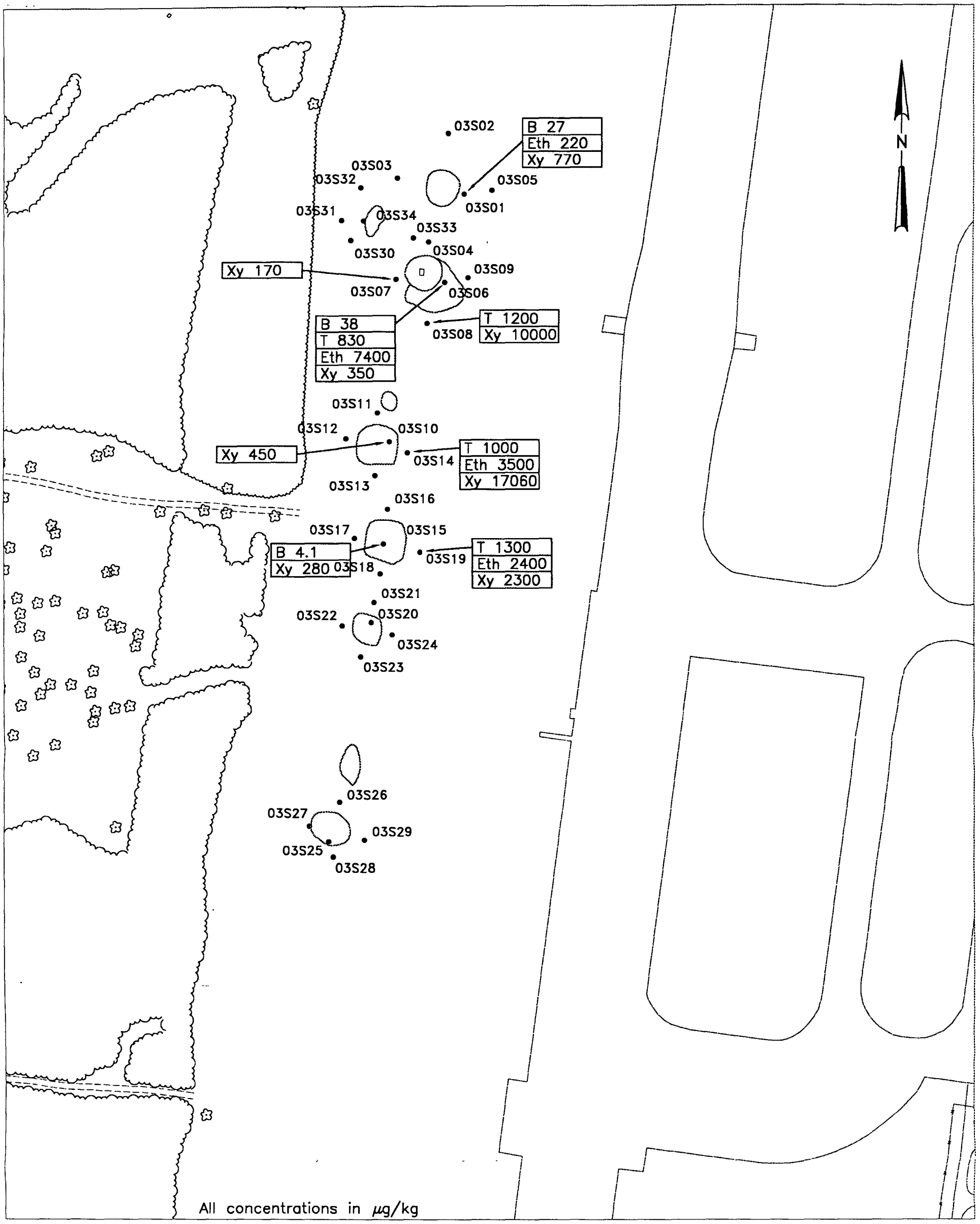
FIGURE 5-10

DETECTED BENZENE AND TRPH CONCENTRATIONS IN INTERMEDIATE GROUNDWATER SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-10



LEGEND

- • Soil boring location
- Unpaved road

B 27	Benzene (State Regulatory level = 3 µg/kg)
T 1000	Toluene (State Regulatory level = 200 µg/kg)
Eth 220	Ethylbenzene (State Regulatory level = 200 µg/kg)
Xy 770	Xylene (State Regulatory level = 100 µg/kg)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

Note: State regulatory levels represent leachbility-based clean-up goals

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FIGURE 5-11

DETECTED BTEX CONCENTRATIONS IN SOIL SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-11

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0001-02	003-S-0002-03	003-S-0003-02	003-S-0004-02	003-S-0005-01
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND	ND	ND	ND	ND
Benzene	3[a]	27.0	ND	ND	ND	ND
Toluene	200[a]	ND	ND	ND	ND	ND
Chlorobenzene	600[a]	89.0 J	ND	ND	ND	ND
Ethylbenzene	200[a]	220.0 J	ND	ND	ND	ND
o-Xylene	NR	430.0 J	6.6 J	ND	ND	ND
Styrene	2000[a]	160.0 J	4.9	ND	ND	ND
1,3-Dichlorobenzene	400[a]	170.0 J	4.2	ND	ND	ND
1,4-Dichlorobenzene	900[a]	2200.0 J	12.0	ND	ND	ND
1,2-Dichlorobenzene	5800	15000.0 J	13.0 P	ND	ND	ND
p-Xylene	NR	170.0 J	ND	ND	ND	ND
m-Xylene	NR	170.0 J	ND	ND	ND	ND
Xylene (Total)	100[a]	770.0	6.6	ND	ND	ND

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0001-02	003-S-0002-03	003-S-0003-02	003-S-0004-02	003-S-0005-01
Semivolatiles (ug/kg)						
Naphthalene	100[a]	3500.0 J	ND	ND	ND	ND
2-Methylnaphthalene	960000[b]	7100.0 J	140.0 J	ND	ND	ND
1-Methyl naphthalene	930000[b]	9000.0 J	220.0 J	ND	ND	ND
Metals (mg/kg)						
Lead	500[b]	17.9	60.2	21.8	23.7	21.8
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	5000.0	216.0	316.0	120.0	1590.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0006-01	003-S-0007-03	003-S-0008-02	003-S-0009-02	003-S-0010-02
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND	0.11 J	ND	ND	ND
Benzene	3[a]	38.0 J	0.48 J	ND	ND	ND
Toluene	200[a]	830.0 J	ND	1200.0 J	ND	13.0
Chlorobenzene	600[a]	470.0 J	49.0 J	3800.0 J	ND	170.0 J
Ethylbenzene	200[a]	7400.0 J	110.0 J	ND	2.4 J	160.0 J
o-Xylene	NR	350.0 J	140.0 J	10000.0	18.0 J	400.0 J
Styrene	2000[a]	4800.0 J	86.0 J	3100.0	10.0 J	120.0 J
1,3-Dichlorobenzene	400[a]	8900.0 J	240.0 J	20000.0	36.0 J	780.0 J
1,4-Dichlorobenzene	900[a]	5000.0 J	2500.0 J	4900.0	140.0 J	550.0 J
1,2-Dichlorobenzene	5800[a]	19000.0 J	500.0 J	28000.0	5.4 J	17000.0 J
p-Xylene	NR	ND	15.0	ND	ND	25.0 J
m-Xylene	NR	ND	15.0	ND	ND	25.0 J
Xylene (Total)	100[a]	350.0	170.0	10000.0	18.0	450.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0006-01	003-S-0007-03	003-S-0008-02	003-S-0009-02	003-S-0010-02
Semivolatiles (ug/kg)						
Naphthalene	100[a]	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	4200.0 J	1600.0 J	4700.0 J	ND	ND
1-Methyl naphthalene	NR	9400.0 J	2500.0 J	10000.0 J	450.0 J	ND
Metals (mg/kg)						
Lead	500[b]	6.4	7.5	4.3	11.1	103.0
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	3590.0	2300.0	5670.0	362.0	1090.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-C-0010-02	003-S-0011-02	003-S-0012-04	003-S-0013-04	003-S-0014-02
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND	ND	ND	ND	ND
Benzene	3[a]	ND	ND	ND	ND	ND
Toluene	200[a]	ND	ND	ND	ND	1000.0
Chlorobenzene	600[a]	37.0 J	ND	ND	ND	2200.0
Ethylbenzene	200[a]	ND	ND	ND	ND	3500.0
o-Xylene	NR	89.0 J	ND	ND	ND	460.0
Styrene	2000[a]	29.0 J	ND	ND	ND	460.0
1,3-Dichlorobenzene	400[a]	160.0 J	ND	ND	ND	4400.0
1,4-Dichlorobenzene	900[a]	120.0 J	ND	ND	ND	15000.0
1,2-Dichlorobenzene	5800[b]	190.0 J	ND	ND	ND	1400.0
p-Xylene	NR	5.7	ND	ND	ND	8300.0
m-Xylene	NR	5.7	ND	ND	ND	8300.0
Xylene (Total)	100[a]	100.4	ND	ND	ND	17060.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-C-0010-02	003-S-0011-02	003-S-0012-04	003-S-0013-04	003-S-0014-02
Semivolatiles (ug/kg)						
Naphthalene	100[a]	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	ND	ND	ND	ND	4500.0 J
1-Methyl naphthalene	NR	ND	ND	ND	ND	5800.0 J
Metals (mg/kg)ND						
Lead	500[b]	96.4	50.54	5.2	5.1	14.6
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	1050.0	40.3	16.3	492.0	4250.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0015-03	003-S-0016-03	003-S-0017-05	003-S-0018-03	003-S-0019-02
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND	ND	ND	ND	ND
Benzene	3[a]	4.1	ND	ND	ND	ND
Toluene	200[a]	32.0 J	ND	ND	ND	1300.0
Chlorobenzene	600[a]	150.0	ND	ND	ND	2000.0
Ethylbenzene	200[a]	ND	ND	ND	ND	2400.0
o-Xylene	NR	250.0 J	ND	ND	ND	2300.0
Styrene	2000[a]	130.0 J	ND	ND	ND	1300.0
1,3-Dichlorobenzene	400[a]	820.0	ND	ND	ND	7500.0
1,4-Dichlorobenzene	900[a]	720.0	ND	ND	ND	4000.0
1,2-Dichlorobenzene	5800[a]	20000.0	ND	ND	ND	11000.0
p-Xylene	NR	15.0	ND	ND	ND	ND
m-Xylene	NR	15.0	ND	ND	ND	ND
Xylene (Total)	100[a]	280.0	ND	ND	ND	2300.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0015-03	003-S-0016-03	003-S-0017-05	003-S-0018-03	003-S-0019-02
Semivolatiles (ug/kg)						
Naphthalene	100[a]	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	ND	ND	ND	ND	ND
1-Methyl naphthalene	NR	ND	ND	ND	ND	ND
Metals (mg/kg)						
Lead	500[b]	30.6	4.5	2.6	2.4	4.4
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	3660.0	97.4	88.2	40.7	842.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0020-03	003-C-0020-03	003-S-0021-03	003-S-0022-05	003-S-0023-03
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND	ND	ND	ND	ND
Benzene	3[a]	ND	ND	ND	ND	ND
Toluene	200[a]	ND	ND	ND	ND	ND
Chlorobenzene	600[a]	ND	ND	ND	ND	ND
Ethylbenzene	200[a]	ND	ND	ND	ND	ND
o-Xylene	NR	ND	ND	ND	ND	ND
Styrene	2000[a]	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	400[a]	8.2	ND	ND	3.1	ND
1,4-Dichlorobenzene	900[a]	17	ND	ND	16.0	ND
1,2-Dichlorobenzene	5800[a]	6.7	2.6	ND	3.9	ND
p-Xylene	NR	ND	ND	ND	ND	ND
m-Xylene	NR	ND	ND	ND	ND	ND
Xylene (Total)	100[a]	ND	ND	ND	ND	ND

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0020-03	003-C-0020-03	003-S-0021-03	003-S-0022-05	003-S-0023-03
Semivolatiles (ug/kg)						
Naphthalene	100[a]	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	ND	ND	ND	ND	ND
1-Methyl naphthalene	NR	ND	ND	ND	ND	ND
Metals (mg/kg)						
Lead	500[b]	95.9 J	92.7 J	2.7 J	3.1 J	2.3 J
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	449.0	429.0	ND	15.4	ND

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0024-03	003-S-0025-03	003-S-0026-05	003-S-0027-05	003-S-0028-05
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND	ND	ND	ND	ND
Benzene	3[a]	ND	ND	ND	ND	ND
Toluene	200[a]	ND	ND	ND	ND	ND
Chlorobenzene	600[a]	ND	ND	ND	ND	ND
Ethylbenzene	200[a]	ND	ND	ND	ND	ND
o-Xylene	NR	ND	ND	ND	ND	ND
Styrene	2000[a]	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	400[a]	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	900[a]	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5800[a]	ND	ND	ND	ND	ND
p-Xylene	NR	ND	ND	ND	ND	ND
m-Xylene	NR	ND	ND	ND	ND	ND
Xylene (Total)	100[a]	ND	ND	ND	ND	ND

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0024-03	003-S-0025-03	003-S-0026-05	003-S-0027-05	003-S-0028-05
Semivolatiles (ug/kg)						
Naphthalene	100[a]	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	ND	ND	ND	ND	ND
1-Methyl naphthalene	NR	ND	ND	ND	ND	ND
Metals (mg/kg)						
Lead	500[b]	3.5 J	14.4 J	4.4 J	1.3 J	1.4 J
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	ND	ND	31.1	ND	ND

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0029-03	003-S-0030-02	003-S-0031-02	003-S-0032-02	003-S-0033-02
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND	ND	ND	ND	ND
Benzene	3[a]	ND	ND	ND	ND	ND
Toluene	200[a]	ND	ND	ND	ND	ND
Chlorobenzene	600[a]	ND	ND	ND	ND	ND
Ethylbenzene	200[a]	ND	ND	ND	ND	ND
o-Xylene	NR	ND	ND	ND	ND	ND
Styrene	2000[a]	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	400[a]	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	900[a]	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5800[a]	ND	ND	ND	ND	ND
p-Xylene	NR	ND	ND	ND	ND	ND
m-Xylene	NR	ND	ND	ND	ND	ND
Xylene (Total)	100[a]	ND	ND	ND	ND	ND

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0029-03	003-S-0030-02	003-S-0031-02	003-S-0032-02	003-S-0033-02
Semivolatiles (ug/kg)						
Naphthalene	100[a]	ND	ND	ND	ND	ND
2-Methylnaphthalene	NR	ND	ND	ND	ND	ND
1-Methyl naphthalene	NR	ND	ND	ND	ND	ND
Metals (mg/kg)						
Lead	500[b]	2.2 J	3.0 J	1.0 J	17.7 J	7.5 J
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	13.7	29.3	17.1	75.1	105.0

Table 5-3
Summary Analytical Results for Soil Samples

Parameter	State Regulatory Level	003-S-0034-02				
Volatiles (ug/kg)						
Methyl tert-butyl ether	100[a]	ND				
Benzene	3[a]	ND				
Toluene	200[a]	ND				
Chlorobenzene	600[a]	46				
Ethylbenzene	200[a]	ND				
o-Xylene	NR	34				
Styrene	2000[a]	80				
1,3-Dichlorobenzene	400[a]	150				
1,4-Dichlorobenzene	900[a]	230				
1,2-Dichlorobenzene	5800[a]	540				
p-Xylene	NR	ND				
m-Xylene	NR	ND				
Xylene (Total)	100[a]	ND				

Table 5-3
Summary Analytical Results for Soil Samples

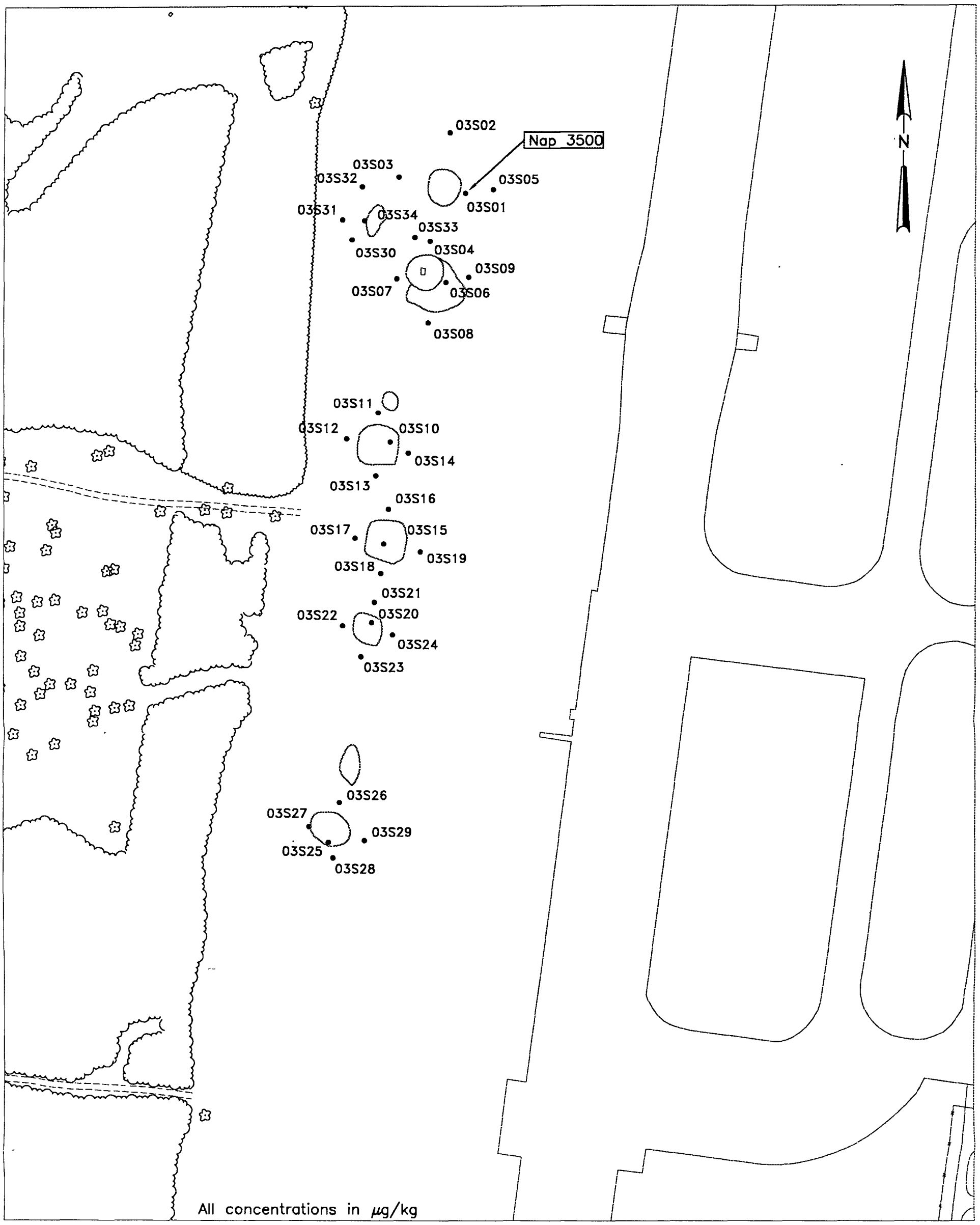
Parameter	State Regulatory Level	003-S-0034-02				
Semivolatiles (ug/kg)						
Naphthalene	100[a]	ND				
2-Methylnaphthalene	NR	ND				
1-Methyl naphthalene	NR	ND				
Metals (mg/kg)						
Lead	500[b]	6.2 J				
TRPH (mg/kg)						
Petroleum Hydrocarbons	NR	2770.0				

Notes:

[a] = SRL is leachibility-based CG.
[b] = SRL is health-based CG.
NR = Not reported — No SRL is available for this parameter.
ND = Parameter not detected in sample.
"C" = Indicates a duplicate sample.
Underline = Indicates parameter exceeds SRL.
J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.

the SRLs. Benzene was detected in three samples above the SRL of 3 μg/kg; these samples were collected in Burn Areas 1, 2, and 5. Toluene was detected in four samples exceeding the SRL of 200 μg/kg (Figure 5-11). Notably, the highest concentrations were found in samples collected downgradient of the burn area. The samples collected within Burn Areas 4 and 5 had toluene concentrations of 13 μg/kg and 32 μg/kg, respectively. Samples downgradient of these burn areas had toluene concentrations of 1,000 μg/kg and 1,300 μg/kg, respectively. This phenomenon is likely a result of site topography. Areas immediately to the east of the burn areas slope toward the north-south trending drainage swale. After fire exercises were performed, water and AFFF were used to extinguish the fires. As a result of this practice, runoff (probably containing some residual fuel) flowed from the burn pits toward the drainage swale. The distribution of ethylbenzene and xylene concentrations also support this phenomenon (Figure 5-11). Ethylbenzene concentrations exceeded the SRL of 200 μg/kg in four locations: two collected in the burn areas and two downgradient to the east of their respective burn areas. Naphthalene was detected above its SRL of 100 μg/kg in the sample collected within Burn Area 1 (Figure 5-12). Although no SRL exists for TRPHs in soil, relative concentrations of TRPHs support the exceedances of the other identified contaminants in soil (Figure 5-13). Samples 003S000102, 003S000601, 003S000703, 003S000802, 003S001002, 003S0014002, 003S001503, and 003S001902 contained one or more contaminant exceeding an SRL. The distribution of TRPH concentrations indicate similar areas of soil impact. One exception is sample 003S003402, where a relatively high TRPH concentration exists but no parameter exceeded an SRL. Several parameters, including 1,2-, 1,3-, and 1,4-dichlorobenzene, styrene, and chlorobenzene were detected during this contamination assessment but were not identified as a potential contaminant of concern during Phase I. Each of these exceeded their respective SRL in at least one sample. In each case, the exceedance was associated with an exceedance by one of the BTEX parameters.

The greatest soil impact was discovered in the north-central part of the site associated with Burn Areas 2 and 4. Benzene and ethylbenzene concentrations were highest in sample location 03S06



LEGEND

- • Soil boring location
- Unpaved road
- Nap 3500 — Naphthalene (State Regulatory level = 100 µg/kg)

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

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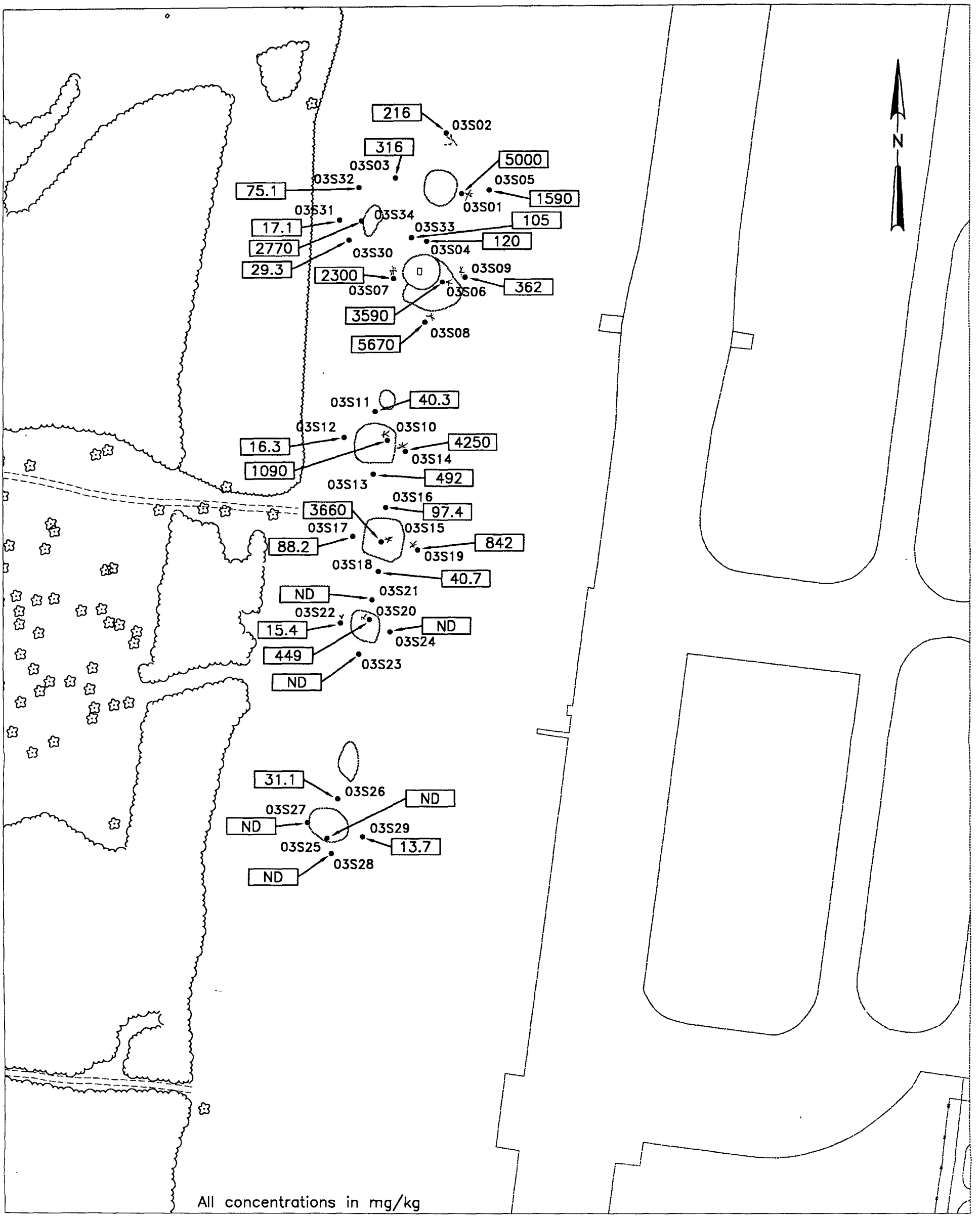
FIGURE 5-12

DETECTED NAP CONCENTRATIONS IN SOIL SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-12



LEGEND

- • Soil boring location
- Unpaved road
- 216 Total recoverable petroleum hydrocarbon concentration
- ND Not detected

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

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FIGURE 5-13

DETECTED TRPH CONCENTRATIONS IN SOIL SAMPLES

DWG DATE: 12/26/95 | DWG NAME: FIG5-13

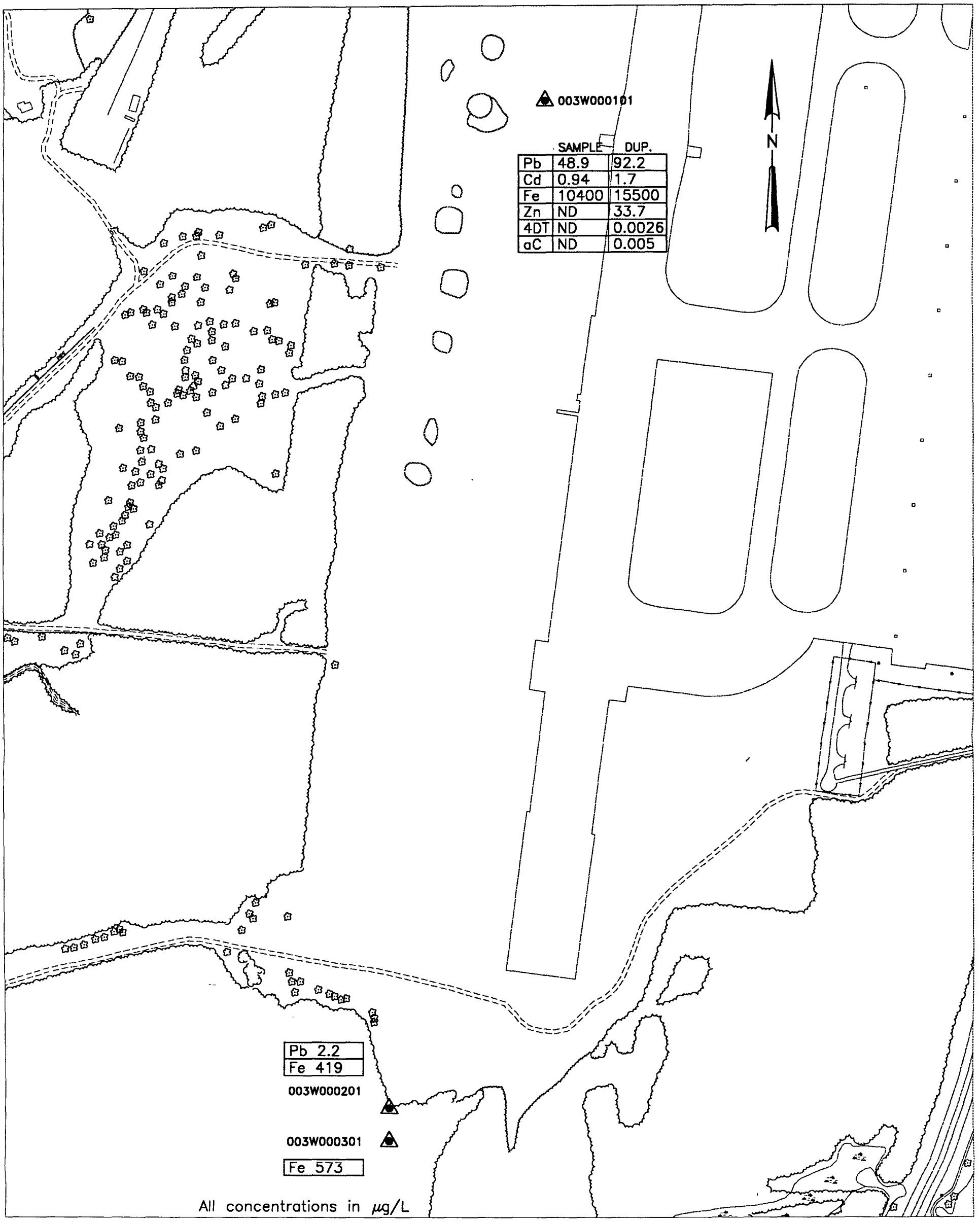
in Burn Area 2. Toluene was highest in sample location 03S19 downgradient of Burn Area 5 and xylene was highest in sample location 03S14. Notably, soil exceedances occurred only in the four northernmost burn areas. The two southern burn areas investigated did not contain any parameters exceeding an SRL.

5.4 Wetland Assessment

During Phase I, sediment samples were collected along the north-south-trending drainage swale to determine if runoff from the burn areas could potentially be impacting wetland areas onsite and downgradient of the site. The results of this sampling indicated the potential for contaminants to be transported from the burn areas to these wetland areas via sediment and possibly surface water transport. Three sediment and surface water samples collected in wetland areas potentially impacted by UST 18 activities were analyzed for full TAL/TCL. These wetland areas will be investigated as part of the NAS Pensacola Site 41 RI under the IR program. The information discussed herein will help determine whether UST 18 activities have impacted these wetland areas and is not intended to fully delineate the nature and extent of any contaminant identified.

Surface Water Assessment

For this investigation, surface water samples were compared to Florida Criteria for Surface Water Quality Classifications (17-302.530 FAC) and were considered to be the SRLs for surface water. Determining several of these criteria depends on the hardness of the surface water. Surface water hardness data were not collected; therefore, hardness data from site groundwater were used to calculate the hardness-dependent criteria. Contaminants detected in surface water samples are presented in Table 5-4. Volatile organics, phenols, pesticides, metals, and TRPHs were detected. Volatiles, phenols, and pesticides were detected only in the sample and duplicate sample collected from the onsite wetland adjacent to Burn Areas 1 and 2. None of the volatiles was detected above the SRLs. Lead, cadmium, copper, iron, zinc, alpha-chlordane, and 4,4'-DDT were detected above their respective SRLs and are presented in Figure 5-14. Because



LEGEND

Sediment/Surface water location

Unpaved road

Pb 48.9	Lead
Cd 0.94	Cadmium
Fe 10400	Iron
Zn 33.7	Zinc
4DT 0.0025	4,4'-DDT
aC 0.005	alpha-Chlordane
ND	Not detected

GRAPHIC SCALE

300 0 150 300 600

(IN FEET)
1 inch = 300 ft.

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FIGURE 5-14

DETECTED PARAMETER CONCENTRATION IN SURFACE WATER SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-14

Table 5-4
Summary Analytical Results for Surface Water Samples

Parameter	State Regulatory Level	003-W-0001-01	003-R-0001-01	003-W-0002-01	003-W-0003-01
Metals (μg/L)					
Lead	0.517	48.9	92.2	2.2	ND
Aluminum	NR	1910.0 J	3550.0 J	676.0 J	664.0 J
Antimony	≤ 4200	ND	ND	2.0	ND
Cadmium	0.3698	0.94	1.7	ND	ND
Calcium	NR	6080.0	6400.0	3830.0	4140.0
Iron	≤ 1.0	10400.0	15500.0	419.0	573.0
Magnesium	NR	1200.0	1250.0	649.0	658.0
Manganese	NR	22.6	27.6	3.7	9.7
Potassium	NR	1970.0	2060.0	ND	ND
Sodium	NR	5170.0	4910.0	ND	ND
Vanadium	NR	5.4	8.7	1.6	1.0
Zinc	31.632	21.4	33.7	ND	29.8
Volatiles (μg/L)					
Benzene	71.28	55.0	46.0	ND	ND
Toluene	NR	25.0	23.0	ND	ND
Ethylbenzene	NR	13.0	11.0	ND	ND

Table 5-4
Summary Analytical Results for Surface Water Samples

Parameter	State Regulatory Level	003-W-0001-01	003-R-0001-01	003-W-0002-01	003-W-0003-01
Volatiles (µg/L) (continued)					
1,2-Dichloroethene (total)	NR	4.0 J	3.0 J	ND	ND
Xylene (Total)	NR	84.0	71.0	ND	ND
Semivolatiles (µg/L)					
1,4-Dimethylphenol	NR	ND	2.0 J	ND	ND
Pesticides (µg/L)					
gamma-BHC (Lindane)	≤ .063	0.0061 J	0.0018 J	ND	ND
Heptachlor epoxide	NR	0.0068 J	0.0024 J	ND	ND
Endosulfan I	≤ 0.56	ND	0.0016 J	ND	ND
4,4'-DDT	≤ .00059	ND	0.0026 J	ND	ND
alpha-Chlordane	≤ .00059	ND	0.005 J	ND	ND
TRPH (mg/L)					
Petroleum Hydrocarbons	NR	1.2	1.6	1.4	ND

Note:
J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.

of the relatively higher concentrations of lead detected in sample 003W000101, the onsite wetland sample, impacts from Burn Areas 1 and 2 may be occurring. No evidence of impact from activities at UST 18 to wetland areas south of the site was discovered.

Sediment Assessment

Several metals, PAHs, and pesticides were detected in the wetland sediment samples. The SRLs for sediment comparisons were the Sediment Quality Assessment Guidelines (SQAGs) Threshold Exposure Limits (TELs); summary analytical results are presented in Table 5-5. Again, the only sample location with contaminants exceeding a SQAG TEL were detected in the onsite wetland sample adjacent to Burn Areas 1 and 2. Lead, cadmium, and copper were detected above their respective SRLs. Naphthalene and 2-methylnaphthalene were detected exceeding the SRLs. Chlordane, gamma-BHC, and 4,4'-DDD were detected above the regulatory levels. Exceedances in the sediment samples are presented in Figure 5-15. Analytical results from the onsite wetland sample, 003M000101, indicate potential impacts from Burn Areas 1 and 2. No evidence of impacts to the wetlands south of the site was discovered.

5.5 Site Rehabilitation Standards

One aspect of this investigation was to determine the extent of potential soil contamination associated with the burn areas. As discussed earlier in Section 5.3, detected contaminants in soil exceeded the Florida leachibility-goals in samples associated with four of the six burn areas investigated. Because of these exceedances, the potential exist for soil to be a continued source of groundwater contamination and possible soil remediation may be necessary. However, in the development of the Florida leachibility-based CGs, several assumptions are made with regard to soil physical characteristics. Physical characteristics such as porosity, carbon content, and moisture content can affect the outcome of leachibility calculations. In addition, site topography, groundwater gradient and flow, and local meteorology can affect the potential for soil leachate to impact groundwater. Because of these variations, calculation of site-specific soil concentrations (based on site-specific parameters) that are protective of site groundwater can,

LEGEND

▲	Sediment/Surface water location
≈≈≈	Unpaved road
Pb 525	Lead (mg/kg)
Cd 4.1	Cadmium (mg/kg)
Cu 105	Copper (mg/kg)
Np 7500	Naphthalene
MNp 4800	2-Methylnaphthalene
4DD 2.5	4,4-DDD
gBH 0.44	gamma-BHC
DDT 7.2	Total DDT's
ND	Not detected

GRAPHIC SCALE

300 0 150 300 600

(IN FEET)
1 inch = 300 ft.

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FIGURE 5-15

DETECTED PARAMETER CONCENTRATIONS IN SEDIMENT SAMPLES EXCEEDING STATE REGULATORY LEVELS

DWG DATE: 12/26/95 | DWG NAME: FIG5-15

Table 5-5
Summary Analytical Results for Sediment Samples

Parameter	State Regulatory Level	003-M-0001-01	003-N-0001-01	003-M-0002-01	003-M-0003-01
Metals (mg/Kg)					
Lead	30.2	525.0	645.0	1.0	14.1
Aluminum	NR	13400.0 J	14900.0 J	228. J	919.0 J
Barium	NR	27.6	31.8	ND	3.3
Cadmium	.676	4.1	5.6	ND	ND
Calcium	NR	2020.0	2540.0	44.3	723.0
Chromium	52.3	15.2	21.4	ND	ND
Cobalt	NR	0.45	ND	ND	ND
Copper	18.7	105.0	127.0	ND	ND
Iron	NR	3670.0 J	4320.0 J	219.0 J	536.0 J
Magnesium	NR	529.0	565.0	ND	ND
Manganese	NR	12.6	14.6	ND	5.6
Nickel	15.9	3.3	5.7	ND	ND
Potassium	NR	324.0	333.0	22.9	37.1
Selenium	NR	4.0	4.7	ND	ND
Vanadium	NR	18.7	21.7	0.32	1.9
Zinc	124	60.5	75.5	ND	11.1

Table 5-5
Summary Analytical Results for Sediment Samples

Parameter	State Regulatory Level	003-M-0001-01	003-N-0001-01	003-M-0002-01	003-M-0003-01
Volatiles (µg/Kg)					
Benzene	NR	120.0	ND	ND	ND
Toluene	NR	200.0	89.0	ND	ND
Ethylbenzene	NR	290.0	97.0	ND	ND
1,2-Dichloroethene (total)	NR	9.0 J	ND	ND	ND
Xylene (Total)	NR	2000.0	810	ND	ND
Semivolatiles (µg/Kg)					
Naphthalene	34.6	7500.0	11000.0	ND	ND
2-Methylnaphthalene	20.2	4800.0	6900.0	ND	ND
Pesticides (µg/Kg)					
alpha-BHC	NR	0.3 J	ND	ND	ND
beta-BHC	NR	1.5 J	8.3 J	ND	0.25 J
delta-BHC	NR	0.32 J	0.66 J	ND	0.076 J
gamma-BHC (Lindane)	.32	0.22 J	0.44 J	ND	ND
Heptachlor	NR	0.64 J	ND	0.0044 J	ND
Aldrin	NR	0.88 J	1.3 J	ND	0.082 J
Heptachlor epoxide	NR	1.5 J	1.4 J	ND	1.4 J
Endosulfan I	NR	0.86 J	0.31 J	ND	0.8 J
Dieldrin	.715	0.42 J	0.45 J	0.094 J	0.67 J

Table 5-5
Summary Analytical Results for Sediment Samples

Parameter	State Regulatory Level	003-M-0001-01	003-N-0001-01	003-M-0002-01	003-M-0003-01
Pesticides (µg/Kg) (continued)					
4,4'-DDE	2.07	ND	1.1 J	ND	0.56 J
Endrin	NR	0.78 J	0.42 J	ND	ND
4,4'-DDD	1.22	2.5 J	6.1 J	ND	0.66 J
Endosulfan sulfate	NR	ND	0.69 J	ND	0.34 J
4,4'-DDT	1.19	0.36 J	0.51 J	ND	ND
Endrin ketone	NR	0.36 J	0.41 J	ND	ND
Endrin aldehyde	NR	2.3 J	0.42 J	ND	0.23 J
Total DDT	3.89	2.55	7.2 J	ND	ND
alpha-Chlordane	NR	0.35 J	0.97 J	ND	0.1 J
gamma-Chlordane	NR	1.8 J	1.7 J	ND	0.084 J
Total Chlordane	2.26	2.15	2.67	ND	.184
TRPH (mg/kg)					
Petroleum Hydrocarbons	NR	9800.0	9220.0	24.8	500.0

Notes:
NR = Not reported - no SRL available for this parameter.
ND = Parameter not detected in sample.
"N" = Indicates a duplicate sample.
Underline = Indicates parameter exceeds SRL.
J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.
State Regulatory Level - Florida Sediment Quality Assessment Guidelines (SQAGs)

in some instances, be warranted. The FDEP Memorandum for soil cleanup goals (November 1995) and 62-770 FAC indicate that site-specific rehabilitation levels may be calculated based on site-specific conditions to more accurately determine site contamination.

SPLP and total analysis soil samples were collected to establish site specific groundwater protective leachate concentrations and Site Rehabilitation Standards (SRSs). Because concentrations of individual soil contaminants did not exceed health-based CGs, this aspect of the investigation was designed to evaluate the potential threat to groundwater posed by site soil contamination and compare these results to Florida leachibility-based CGs. The following paragraphs describe the approach used to compute SRSs for groundwater protection. SRSs were computed only for those parameters that exceeded a SRL in soil and/or groundwater and were detected in SPLP samples. These contaminants included benzene, toluene, ethylbenzene, xylene, naphthalene, and lead. Notably, none of the SPLP results for these contaminants exceeded a Florida Primary Drinking Water Standard (FPDWS) and only naphthalene, xylene, and ethylbenzene concentrations exceeded their respective Florida Ground Water Guidance Concentration or Secondary Drinking Water Standard (FSDWS). Based on these results, concentrations of these contaminants in groundwater were not anticipated to exceed SRLs as a result of soil leaching. Table 5-6 presents the SPLP and associated soil sample analytical results for detected contaminants.

Predicting Rainwater Infiltration

As mentioned in Section 3.4, average annual rainfall in the Pensacola area is 60 inches (5 feet) per year. The Water Resources Atlas of Florida (Pernald and Patton 1984) was used to derive information regarding average annual evapotranspiration. Annual evapotranspiration in northwest Florida panhandle area is typically 15 inches less than the average annual precipitation or 45 inches (3.75 feet) per year. Because the site is relatively flat open land with sandy soil, much of the precipitation would be expected to infiltrate as opposed to leaving the site via surface runoff. A runoff coefficient (Cro) of 0.1 was assumed. This value suggest that

Table 5-6
Summary Analytical Results for SPLP and Associated Soil Samples

Parameter	003SLP0102	003S000102	003SLP0201	003S000601	003SLP0303	003CLP0303	003S002503
	SPLP	Soil	SPLP	Soil	SPLP	SPLP	Soil
Lead	9.4	17.9	4	6.4	ND	4.4	14.4
Benzene	0.22	27	0.7	38	ND	ND	ND
Toluene	0.29	ND	5.2	830	0.21	0.29	ND
Ethylbenzene	0.21	220	34	7400	0.12	ND	ND
Xylene	1.93	770	56	6.6	0.22	0.22	ND
Naphthalene	53	3500	30	ND	5	3.0	ND

Note:
ND = Parameter not detected in sample.

90 percent of any incident precipitation would remain onsite and infiltrate or evaporate. Using the average precipitation amount (5 feet) and the reported evapotranspiration (ET) rate of 3.75, it was estimated that 75 percent of any remaining storm water would evaporate. As a result, the reasonable maximum infiltration was estimated as:

Infiltration (feet/year) = (Annual Precipitation [Appt] * [1-Cro] * [1-Evaporative Loss] [ET/Appt])

Based on the preceding assumptions, infiltration was estimated to be 1.1 feet per year. Total annual leachate volume (247,500 cubic feet or 7,009,200 liters) was estimated by multiplying Infiltration by the site surface area (approximately 225,000 square feet).

Annual Groundwater Flow

Groundwater contaminant concentrations in the shallow aquifer resulting from contaminant leaching will necessarily be a function of the vertical (leachate) and horizontal (water-bearing zone) flow in the system. The estimated leachate volume per year was calculated in the preceding paragraphs. The horizontal flow component will dictate what leachate concentration will be protective of the affected water bearing zone.

As discussed earlier in Section 5, groundwater flow velocities were estimated to be 1.4 feet per day (511 feet/year) based on the minimum flow computed. The saturated thickness of the aquifer is 60 feet based on site boring logs and the maximum groundwater flow path length across the site (parallel to groundwater flow direction is 900 feet. Based on the computed groundwater flow velocity and the maximum groundwater flowpath, it was estimated that approximately 1.76 soil pore volume flushes (minimum) would occur over the course of one year. Based on physical characteristics of the soil, the aquifer zone porosity was estimated at 0.28. Using this value, onsite saturated pore volume was estimated at 3,780,800 cubic feet (1.07×10^8 liters). The annual volume of groundwater passing beneath the site was estimated by multiplying the number of pore volume flushes per year by the saturated pore volume (1.88×10^8 liters).

Mass Loading and Groundwater Protective Leachate Concentrations

In order to back calculate groundwater protective SRLs, the mass of each contaminant that could be introduced to the system without exceeding a groundwater standard must be known. The tolerable mass loading can be estimated by multiplying the applicable groundwater standard by the total volume of diluent (annual leachate volume plus annualized groundwater flow). Table 5-7 shows the outcome of these calculations.

Using the computed tolerable mass load, the groundwater protective leachate concentration may be calculated as the mass (in μg) divided by the annual leachate volume (in liters). Table 5-7 shows the computed groundwater protective leachate concentrations. These values reflect a computed dilution factor of approximately 2 (annual groundwater flow volume/annual leachate generated). Notably, none of the SPLP results exceeded the computed groundwater protective leachate concentration for the primary contaminants.

Groundwater Protective Soil SRSs

In order to compute groundwater protective SRSs for soil, normalized partition coefficients (Kd) were computed (where possible) for each contaminant detected in total and SPLP soil analyses. Contaminant KDs were computed as the ratio of sorbed phase (μg/kg from total analysis) to aqueous phase (μg/L from SPLP) concentrations and are expressed as l/kg. If a compound was not detected in total and SPLP analysis, no Kd computation was possible. Table 5-8 provides the computed site-specific Kds. Due to fluctuations in computed Kds for each compound, the lowest Kd value was used to calculate the SRSs. Using the lowest Kd results in a more conservative (restrictive) SRS.

Groundwater protective SRSs were calculated by taking the product of Kd (L/kg) times the groundwater protective leachate concentration (μg/L). These values are provided in Table 5-7. A comparison of detected total soil contaminant concentrations to corresponding groundwater

Table 5-7
Groundwater Protective Soil Level Computations

	Pore Volume (L)	Annual Leachate Volume (L)	Annual GW Volume (L)	Mass Benzene µg	Mass Toluene µg	Mass Ethylbenzene µg	Mass Xylene µg	Mass Naphthalene µg	Mass Lead µg
Mass Loading	1.07E + 08	7.01E + 06	1.88E + 08	2.0E + 08	80E + 08	60E + 08	40E + 08	13.6E + 08	30E + 08
FGGC (µg/L)				1.0	1000/40	700/30	10,000/20	6.8	15
GW Protective (µg/L)				28.5	1141	856	571	194	428
Lowest KD (L/kg)				54.20	160.0	218.00	399	66	1,600.00
Groundwater Protective Soil Concentration (µg/kg)									
Site Rehabilitation Standards (SRSs)				2,525	182,560	541,677	227,829	12,804	966,852

Note:
FGGC = Florida Groundwater Guidance Concentration for toluene, ethylbenzene, and xylene, both the primary and secondary standards are given, respectively.

protective SRSs shows that no contaminant exceeded a site-specific SRS. As a result, the level of soil contamination at UST 18 does not appear to be a potential threat to site groundwater quality.

5.6 Potable Well Survey

A potable well survey was conducted to identify any risk if contamination to public water supply systems from the activities at UST 18. Three potable wells exist at NAS Pensacola (Wilkins et. al, 1985, G&M, 1986). The NAS Pensacola wells are part of the public water supply system used in conjunction with wells at Corry Field to supply water to NAS Pensacola. According to NADEP personnel, the three wells at NAS Pensacola serve as reserve potable water supplies and are not currently being used. These wells are screened in the main producing zone of the Sand-and-Gravel Aquifer at depths ranging from 105 to 160 feet. No potable wells are located within a 0.25 mile radius of the UST 18; thus, the potential of contamination of potable water sources from UST 18 is not likely.

Table 5-8
Computed Normalized Partition Coefficients (Kds)

Parameter	003S000102/003SL P0102	003S000601/003SL P0201	003S002503/003SL P0303	Mean Kd
Lead	1,904.00	1,600.00	3,273.00	2,259.00
Benzene	122.70	54.20	NC	88.50
Toluene	NC	160.00	NC	160.00
Ethylbenzene	1,047.60	218.00	NC	632.80
Xylene	399.00	NC	NC	NC
Naphthalene	66.00	NC	NC	66

Note:
NC = Not computed

6.0 CONCLUSIONS AND RECOMMENDATIONS

Groundwater and soil analytical data collected at UST 18 indicate that these media have been impacted by the former and ongoing fire training exercises performed onsite. Concentrations of detected contaminants exceeded SRLs in both groundwater and soil. Groundwater contaminants detected above the SRLs only at source wells within the burn areas and in the area west of Burn Area 1 included benzene, toluene, ethylbenzene, xylene, naphthalene, EDB, lead, and TRPHs. The upper surficial zone was the most heavily impacted. Source well concentrations of total BTEX for this zone ranged from 407 to 4,680 μg/L. Benzene concentrations reached a maximum of 600 μg/L in well sample 003GGS0101 and exceeded the SRL in each of the source well samples. Total NAPs also exceeded the SRL in five of the seven source areas. Lead exceeded the SRL in all upper surficial zone source well samples.

No significant impact to the lower surficial zone was detected in this investigation. Benzene slightly exceeded the SRL in two locations 003GGI0101 (1.9 μg/L) and 003GGI0601 (1.2 μg/L). TRPHs also exceeded the SRL in sample 003GGI0601 (7 mg/L). Perimeter well samples did not contain any detectable parameters that exceeded an SRL.

Soil impact was limited to the burn areas or areas immediately downslope that receive sediment and surface water runoff. Although no detected contaminants in soil exceeded health-based CGs, several samples had one or more contaminant exceeding a leachibility-based CG. Areas where samples contained one or more contaminants exceeding a leachibility-based CG are delineated on Figure 6-1. These areas encompass the impacted burn areas and areas downslope that are sediment and surface water runoff pathways from the burn areas toward the drainage swale. The total volume of soil impacted at the site is estimated at 8,950 cubic yards based on the areas shown on Figure 6-1 and a average unsaturated soil thickness of 3 feet. Although leachibility-based SRLs were exceeded, site-specific SRSs indicated that contaminant concentrations in soil did not pose a continued threat to groundwater quality. Because the SRSs are based on site-specific conditions, these data are likely more representative of the soil leaching potential.

03S02
03S03
03S32
03S05
03S01
03S31
03S34
03S33
03S30
03S04
03S09
03S07
03S06
03S08
03S11
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03S10
03S14
03S13
03S16
03S17
03S15
03S19
03S18
03S21
03S22
03S20
03S24
03S23
03S26
03S27
03S29
03S25
03S28

N

LEGEND

- Soil boring location
- Impacted soil area
- Sample contains at least one parameter exceeding a leachability-based cg

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

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FIGURE 6-1

DELINEATED SOIL AREAS WITH
CONTAMINANTS EXCEEDING
LEACHABILITY-BASED CG'S

DWG DATE: 12/26/95 | DWG NAME: FIG6-1

Impacts to wetland areas as a result of UST 18 activities were only definitively identified at the onsite wetland. This wetland receives direct sediment and surface water runoff from Burn Areas 1 and 2 and was considered to have the highest probability of impact from UST 18. Fuel-related contaminants detected in this wetland were above the SRLs. Samples from wetland areas to the south did not indicate any significant fuel-related contaminants. Each wetland area will be assessed further under the IR program as part of the Site 41 RI.

Recommendations

The following recommendations are based on the results of this contamination assessment:

- Fire training exercises currently being performed onsite represent a continued source of contamination to site soil, groundwater, and wetlands. The current training facility (burn pit) should be improved to prevent excess fuel and fuel-contaminated water from contacting site soil and causing subsequent groundwater, surface water, and sediment contamination. Otherwise, these activities should not continue.

- Because soil contamination does not pose a continued threat to site groundwater based on site-specific SRSs, no further action is recommended for soil. However, remedial activities to eliminate the sediment and surface water pathway to onsite wetlands may be necessary. The discontinued use of Burn Area 1, may remove the primary source impacting these wetlands.

- A "Monitoring Only Proposal" is recommended for groundwater based on the following conclusions:

    1. Groundwater contamination has been delineated and exceedances of SRLs were only found associated with source areas (the burn areas and the staging area west of Burn Area 1.)

2. Downgradient and perimeter wells indicate that contamination is not moving offsite. No parameters were detected in perimeter or downgradient wells exceeding SRLs. Intermediate well data indicate that significant contamination has not migrated to the lower surficial zone.

3. No potable wells are located within 0.25 mile of the site. Additionally, because of the site's location and geology, surficial groundwater is not anticipated to be a potential source of potable water in the future.

Semi-annual sampling to monitor site UST 18 groundwater quality is recommended. For the first year, groundwater will be analyzed for Full TAL/TCL parameters with the addition of TRPH and EDB to monitor concentrations of fuel-related and non-fuel related parameters identified in this assessment. After the first year, groundwater data will be re-evaluated and subsequent groundwater sampling analyses may be modified to monitor only the parameters of concern. It is recommended that groundwater monitoring continue for a minimum of five years, until concentrations of these parameters are below the SRLs or reach equilibrium.

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8.0 FLORIDA PROFESSIONAL GEOLOGIST SEAL

I have read and approve of this Contamination Assessment Report for site UST 18 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:	Steven J. Parker
License Number:	#1651
State:	Florida
Expiration Date:	July 31, 1996

Steven J. Parker

1/12/95
Date

Appendix A

Summary of Analytical Data for Site 3 Phase I RI

Summary of Analytical Data — Soil
Phase I RI
Site 3

Parameter	PRG[1]	03S0401	03S0403	03S0405	03S0601	03S0603	03S0801	03S0803
Inorganics (ppm)								
Aluminum	—	2340.000 J	27.600 J	53.100 J	1400.000 J	1220.000 J	2110.000 J	543.000 J
Arsenic	.37[a]							
Barium	5500.00[a]							
Cadmium	37.50[b]				1.200	0.760	0.940	
Calcium	—	814.000	89.100	56.400	72.900	56.600	351.000	41.700
Chromium	68200.00[b]	1.500 J			1.400 J	2.500 J	2.200 J	2.700 J
Copper	2880.00[b]				19.500 J	19.000 J	3.400 J	
Iron	—	299.000 J			540.000 J	383.000 J	450.000 J	189.000 J
Lead	400.00[c]	19.400 J	5.700 J	5.400 J	164.000 J	159.000 J	7.800 J	
Magnesium	—	26.100 J	3.300 J	3.100 J	29.800 J	24.400 J	81.100 J	24.200 J
Manganese	390.00[a]				1.900 J	1.900 J		
Mercury	23.00[a]	0.020	0.090					
Nickel	1510.00[b]							
Potassium	—							
Silver	390.00[a]							0.710
Sodium	—	39.500 J	3.700	16.600	6.900 J	9.500 J	6.100 J	7.300 J
Vanadium	501.00[b]							
Zinc	23300.00[a,b]				12.000 J	13.100 J	7.100 J	

Summary of Analytical Data — Soil
Phase I RI
Site 3

Parameter	PRG[1]	03S0401	03S0403	03S0405	03S0601	03S0603	03S0801	03S0803
Pesticides (ppb)								
4,4'-DDD	2700.00[a]							
4,4'-DDE	1900.00[a]							
Endrin	22900.00[b]	3.700 J						
Heptachlor	140.00[a]							
alpha-BHC	100.00[a]	3.800			1.300 J			
Beta BHC		2.0 J						
Semivolatiles (ppb)								
2-Methylnaphthalene	—	40000.000	15000.000	22000.000				
Naphthalene	2,290,000.00[b]	21000.000 J	7500.000	11000.000				
Volatiles (ppb)								
4-Methyl-2-Pentanone	—							
Ethylbenzene	4,150,000.00[b]	6300.000	2800.000 J	6500.000 J		1600.000 J		
Toluene	16,000,000.00[a]				1300.000 J	3000.000		
Xylene (total)	37,900,000.00[b]	43000.000	17000.000 J	35000.000 J	1600.000	7600.000		

Summary of Analytical Data — Soil
Phase I RI
Site 3

Parameter	PRG[1]	03S0805	03S0901	03S0903	03S0905	03S1201	03S1203	03S1205
Inorganics (ppm)								
Aluminum	—	23.700 J	2970.000 J	640.000 J	74.200 J	4500.000 J	2730.000 J	684.000 J
Arsenic	.37[a]							
Barium	5500.00[a]						6.700	
Cadmium	37.50[b]		1.100			0.390 J		
Calcium	—		85.300			105.000		
Chromium	68200.00[b]	0.420 J	3.100 J	2.000 J	0.740 J	3.300	3.400	
Copper	2880.00[b]		17.800 J	0.460 J		3.100		
Iron	—		349.000 J	108.000 J		210.000 J	284.000 J	95.000 J
Lead	400.00[c]		58.000 J	4.500 J	2.600 J	19.900	21.500	9.200
Magnesium	—		43.300 J	16.300 J	5.400 J	54.700	66.200	
Manganese	390.00[a]		2.200					
Mercury	23.00[a]			0.090		0.040		
Nickel	1510.00[b]					2.200 J		
Potassium	—					177.000 J		
Silver	390.00[a]							
Sodium	—		10.000 J	3.800 J		17.800 J	7.100 J	5.000 J
Vanadium	501.00[b]					2.500 J	2.100 J	0.760 J
Zinc	23300.00[a,b]		18.000 J					

Summary of Analytical Data — Soil
Phase I RI
Site 3

Parameter	PRG[1]	03S0805	03S0901	03S0903	03S0905	03S1201	03S1203	03S1205
Pesticides (ppb)								
4,4'-DDD	2700.00[a]					5.100 J		
4,4'-DDE	1900.00[a]					1.800 J		
Endrin	22900.00[b]							
Heptachlor	140.00[a]						1.100 J	1.800 J
alpha-BHC	100.00[a]							
Semivolatiles (ppb)								
2-Methylnaphthalene	—			2600.000 J	5600.000 J	14000.000	20000.000	17000.000
Naphthalene	2290000.00[b]				2000.000 J	6400.000 J	10000.000	7800.000 J
Volatiles (ppb)								
4-Methyl-2-Pentanone	—							
Ethylbenzene	4150000.00[b]					2500.000 J	3200.000 J	2900.000 J
Toluene	16000000.00[a]					2400.000 J	2500.000 J	2500.000 J
Xylene (total)	37900000.00[b]			12000.000 J	15000.000 J	32000.000	42000.000 J	36000.000 J

Summary of Analytical Data — Soil
Phase I RI
Site 3

Parameter	PRG[1]	03S1301	03S1303	03S1305	03S1501	03S1503	03S1505	03S1601
Inorganics (ppm)								
Aluminum	—	1500.000 J	1080.000 J	30.900 J	1260.000 J	963.000 J	81.900 J	1760.000 J
Arsenic	.37[a]						*.470 J*	
Barium	5500.00[a]							
Cadmium	37.50[b]	0.530 J						
Calcium	—							
Chromium	68200.00[b]			3.700		1.700 J		1.300 J
Copper	2880.00[b]	1.100 J						
Iron	—	374.000 J	305.000 J		262.000 J	787.000 J	38.600 J	463.000 J
Lead	400.00[c]	30.600	0.950	1.000	0.750			22.500
Magnesium	—					25.900 J	4.900 J	
Manganese	390.00[a]							
Mercury	23.00[a]							
Nickel	1510.00[b]							
Potassium	—							
Silver	390.00[a]							
Sodium	—	8.800 J	6.500 J			6.700 J		9.200 J
Vanadium	501.00[b]	2.000 J	1.800 J		1.500 J			1.800 J
Zinc	23300.00[a,b]							

Summary of Analytical Data — Soil Phase I RI Site 3								
Parameter	**PRG[1]**	**03S1301**	**03S1303**	**03S1305**	**03S1501**	**03S1503**	**03S1505**	**03S1601**
Pesticides (ppb)								
4,4'-DDD	2700.00[a]							
4,4'-DDE	1900.00[a]							
Endrin	22900.00[b]							
Heptachlor	140.00[a]		1.900 J		2.500 J			
alpha-BHC	100.00[a]							
Semivolatiles (ppb)								
2-Methylnaphthalene	—							
Naphthalene	2290000.00[b]							
Volatiles (ppb)								
4-Methyl-2-Pentanone	—							
Ethylbenzene	4,150,000.00[b]	8.000 J			12.000			
Toluene	16,000,000.00[a]	46.000			47.000			
Xylene (total)	37,900,000.00[b]	62.000			75.000			

Summary of Analytical Data — Soil
Phase I RI
Site 3

Parameter	PRG[1]	03S1603	03S1605	03S1901	03S1903	03S1905		
Inorganics (ppm)								
Aluminum	—	639.000 J	79.800 J	1400.000 J	1280.000 J	69.500 J		
Arsenic	.37[a]							
Barium	5500.00[a]							
Cadmium	37.50[b]							
Calcium	—			360.000				
Chromium	68200.00[b]			0.900 J	1.400 J			
Copper	2880.00[b]	0.610 J						
Iron	—	269.000 J		528.000 J	866.000 J			
Lead	400.00[c]	8.800	2.400	17.800 J	5.000 J			
Magnesium	—			67.900 J	38.800 J			
Manganese	390.00[a]			1.600 J				
Mercury	23.00[a]							
Nickel	1510.00[b]							
Potassium	—			97.400 J				
Silver	390.00[a]							
Sodium	—	5.500 J	6.600 J	13.800 J				
Vanadium	501.00[b]	1.300 J	0.680 J					
Zinc	23300.00[a,b]							

Summary of Analytical Data — Soil
Phase I RI
Site 3

Parameter	PRG[1]	03S1603	03S1605	03S1901	03S1903	03S1905		
Pesticides (ppb)								
4,4'-DDD	2700.00[a]							
4,4'-DDE	1900.00[a]							
Endrin	22900.00[b]							
Heptachlor	140.00[a]							
alpha-BHC	100.00[a]							
Semivolatiles (ppb)								
2-Methylnaphthalene	—		110.000 J			6700.000 J		
Naphthalene	2290000.00[b]					3300.000 J		
Volatiles (ppb)								
4-Methyl-2-Pentanone	—		56.000 J					
Ethylbenzene	4,150,000.00[b]		17.000 J			2500.000 J		
Toluene	16,000,000.00[a]		6.000 J			1100.000 J		
Xylene (total)	37,900,000.00[b]		240.000 J		9700.000 J	31000.000 J		

Notes:

J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.
1 = Value is most stringent risk-based standard for listed parameter.
a = RBC
b = CG
c = EPA Revised Interim Soil Lead Guidance.
— = No PRG available for this parameter.
Underline = Indicates parameter exceeded NAS Pensacola Background Standards.
Italics = indicates parameter exceeded USEPA Region III Risk-Based Concentration (RBCs).
Preliminary Remediation Goals listed here represent state and federal regulatory standards that were available at the time this data evaluated (June 1994) and may not be representative of current standards.

Summary of Analytical Data — Sediments
Phase I RI
Site 3

Parameter	PRG[1]	03M0101	03M0201	03M0301	03M0401	03M0501	03M0601	03M0701
Inorganics (ppm)								
Aluminum	—	1550.000 J	2360.000 J	4690.000 J	2310.000 J	9540.000 J	1760.000 J	5240.000 J
Arsenic	.37[a]			***0.840***				
Barium	5500.00[a]	11.100		30.900	13.400	29.200		
Beryllium	0.15[a]			0.110		**0.260**		**0.240**
Calcium	—	866.000	383.000	3420.000	9130.000	4660.000		985.000
Chromium	33.00[c]		3.600	68.700 +	5.600	11.600		6.300
Cobalt	4700.00[a]	17.700 J	28.700 J	0.910 J	22.000 J		20.300 J	1.400 J
Copper	28.00[c]	4.500 J	12.800 J	40.200 +	27.900	86.300 +	6.900 J	6.600 J
Iron	—	525.000 J	493.000	5230.000 J	1940.000 J	2620.000	555.000 J	448.000 J
Lead	21.00[c]	14.200	16.100 J	950.000 +	245.000 +	833.000 +	18.400	42.300 +
Magnesium	—	58.100 J	66.200 J	164.000 J	152.000 J	231.000 J	47.100 J	133.000 J
Manganese	390.00[a]	36.700	4.200	42.000	18.300	11.700		13.500
Mercury	0.10[c]					0.110+		
Nickel	20.90[c]	3.700	10.200	4.700	5.400		8.300	
Selenium	390.00[a]		0.480 J	0.880 J		3.700 J	0.780 J	1.300 J
Sodium	—				57.500			
Vanadium	501.00[b]	1.900 J	1.900 J	6.500 J	2.300 J	10.100 J	2.000 J	7.700 J
Zinc	68.00[c]	11.000 J		126.000 J+	55.500 J	97.700 J+		

Summary of Analytical Data — Sediments
Phase I RI
Site 3

Parameter	PRG[1]	03M0101	03M0201	03M0301	03M0401	03M0501	03M0601	03M0701
Pesticides (ppb)								
4,4'-DDD	2700.00[a]							17.000 J
4,4'-DDE	1900.00[a]							
4,4'-DDT	3.30[c]							
Semivolatiles (ppb)								
2-Methylnaphthalene	330.00[c]							240.000 J
Benzo(a)anthracene	330.00[c]	98.00 J						
Benzo(k)fluoranthene	1470.00[b]	93.000 J						
Chrysene	330.00[c]	110.000 J						
Fluoranthene	380.00[c]	210.000 J						
Hexachlorobenzene	400.00[a]				120.000 J			
Naphthalene	330.00[c]							300.000 J
Phenanthrene	330.00[c]	160.000 J						
Pyrene	330.00[c]	180.000 J						
Volatiles (ppb)								
Xylene (total)	37,900,000.00[b]							680.000

Summary of Analytical Data — Sediments
Phase I RI
Site 3

Parameter	PRG[1]	03M0801	03M0901	03M1001	031101	03M1201	03M1301	
Inorganics (ppm)								
Aluminum	—	1510.000 J	2640.000 J	1960.000 J	1610.000 J	1480.000 J	1450.000 J	
Arsenic	.37[a]							
Barium	5500.00[a]							
Beryllium	0.15[a]				0.060			
Calcium	—		1400.000				218.000	
Chromium	33.00[c]			3.500		3.000		
Cobalt	4700.00[a]	0.460 J	22.900 J	17.100 J		16.000 J	19.500 J	
Copper	28.00[c]	0.570 J	6.300 J	3.500 J		3.000 J	3.600 J	
Iron	—	215.000 J	1100.000 J	547.000 J	479.000 J	941.000 J	1470.000 J	
Lead	21.00[c]	10.100	9.700	10.000	5.700	7.400	10.300	
Magnesium	—		103.000 J	38.100 J			64.100 J	
Manganese	390.00[a]		12.100				6.200	
Mercury	0.10[c]							
Nickel	20.90[c]		3.800	2.300		2.400	4.100	
Selenium	390.00[a]	0.270 J	0.520 J			117.000 J		
Sodium	—							
Vanadium	501.00[b]	2.600 J	5.500 J	4.600 J	3.800 J	2.800 J	2.200 J	
Zinc	68.00[c]							

Summary of Analytical Data — Sediments
Phase I RI
Site 3

Parameter	PRG[1]	03M0801	03M0901	03M1001	031101	03M1201	03M1301	
Pesticides (ppb)								
4,4'-DDD	2700.00[a]	170.000 J	9.100 J					
4,4'-DDE	1900.00[a]	66.000 J						
4,4'-DDT	3.30[c]	17.000 J+						
Semivolatiles (ppb)								
2-Methylnaphthalene	330.00[c]							
Benzo(a)anthracene	330.00[c]							
Benzo(k)fluoranthene	1470.00[b]							
Chrysene	330.00[c]							
Fluoranthene	380.00[c]							
Hexachlorobenzene	400.00[a]							
Naphthalene	330.00[c]							
Phenanthrene	330.00[c]							
Pyrene	330.00[c]							
Volatiles (ppb)								
Xylene (total)	37900000.00[b]							

Notes:

J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.
+ = Indicates parameter exceeded Draft Region IV Waste Management Division sediment screening values for Hazardous Waste Sites (SSVs).
1 = Value is most stringent risk-based standard for listed parameter.
a = RBC
b = CG
c = SSV
— = No PRG available for this parameter.
Bold = Indicates parameter exceeded USEPA EPA Region III Risk-Based Concentration (RBCs).
Italic = Indicates parameter exceeded Florida Department of Environmental Protection Cleanup Goals for DOD sites (CGs).
Underline = Indicates parameter exceeded NAS Pensacola Background Standards.
Preliminary Remediation Goals listed here represent state and federal regulatory standards that were available at the time this data evaluated (June 1994) and may not be representative of current standards.

Summary of Analytical Data — Groundwater
Phase I RI
Site 3

Parameter	PRG[1]	03GR01	03GR02	03GR03	03GR04	03GR05	03GR06	03GR07
Inorganics (ppb)								
Aluminum	50.00[b]	***2160.000+***	***653.000+***	***348.000+***	***559.000+***	***499.000+***	***683.000+***	***667.000+***
Arsenic	50.00[a,c,2]			2.900•			3.600•	
Calcium	—	9510.000	4490.000	29100.000•	694.000	35300.000•	15300.000	4090.000
Cyanide	200.00[a,c,3]							
Iron	300.00[b,d]	*1280.000+*		*1430.000+*	*504.000+*	*1200.000+*	*5590.000+•*	*1530.000+*
Lead	15.00[a,c,4]			***177.000•***		5.900•	***85.800•***	***98.200•***
Magnesium	—	1520.000	603.000	1150.000	330.000	1220.000	1190.000	1020.000
Manganese	50.00[b,d]							
Mercury	2.00[a,c]			0.150				
Potassium	—	704.000		2300.000	4820.000	1410.000	3800.000	1650.000
Selenium	50.00[a,c]							
Silver	100.00[b,d]							
Sodium	160,000.00[c]	5200.000	2450.000	4120.000	7030.000	4230.000	4580.000	2150.000
Thallium	2.00[a,c]		*3.600*					

Summary of Analytical Data — Groundwater
Phase I RI
Site 3

Parameter	PRG[1]	03GR01	03GR02	03GR03	03GR04	03GR05	03GR06	03GR07
Semivolatiles (ppb)								
2,4'-Dimethylphenol	400.00[e]			10.000J				26.000J
2-Methylnaphthalene	—			80.000	57.000	58.000	94.000J	130.000
2-Methylphenol	350.00[e]						80.000J	80.000
4-Methylphenol	35.00[e]						100.000J*	110.000*
Naphthalene	6.80[e]			110.000*	75.000*	94.000*	170.000*	280.000*
Phenol	10.00[e]						62.000J*	30.000J*
Volatiles (ppb)								
2-Butanone	4200.00[e]							
Benzene	1.00[c]				**440.000**	**16.000 J**	**670.000**	
Ethylbenzene	30.00[d]			120.000 +	82.000 +	110.000 +	420.000 +	380.000J +
Toluene	40.00[d]						**3600.000 +**	**4600.000 +**
Xylene (total)	20.00[d]			1500.000 +	1200.000 +	670.000 +	2500.000 +	3800.000 +

Summary of Analytical Data — Groundwater
Phase I RI
Site 3

Parameter	PRG[1]	03GR08	03GR09	03GR10	03GR11	03GR12	03GR13	03GR14
Inorganics (ppb)								
Aluminum	50.00[b]	***1050.000+***	***1490.000+***	***2090.000+***	***415.000+***	***5010.000•+***	***2570.000+***	***1040.000+***
Arsenic	50.00[a,c,2]							
Calcium	—	2320.000	4590.000	2600.000	6250.000	2400.000	1970.000	2210.000
Cyanide	200.00[a,c,3]							
Iron	300.00[b,d]	*926.000+*	*2960.000+•*	*989.000+*		*1180.000+*	*885.000+*	*821.000+*
Lead	15.00[a,c,4]		**64.600•**			14.200•	**42.500•**	2.800•
Magnesium	—	831.000	1130.000	1230.000	641.000	1070.000	782.000	1140.000
Manganese	50.00[b,d]							22.300
Mercury	2.00[a,c]	0.100						
Potassium	—	796.000	1410.000	1530.000		1780.000		
Selenium	50.00[a,c]					2.300		
Silver	100.00[b,d]							
Sodium	160,000.00[c]	2650.000	2370.000	3140.000	2800.000	2320.000	2270.000	3650.000
Thallium	2.00[a,c]							

Summary of Analytical Data — Groundwater
Phase I RI
Site 3

Parameter	PRG[1]	03GR08	03GR09	03GR10	03GR11	03GR12	03GR13	03GR14
Semivolatiles (ppb)								
2,4'-Dimethylphenol	400.00[e]							
2-Methylnaphthalene	—		89.000J	34.000J		99.000	52.000	
2-Methylphenol	350.00[e]							
4-Methylphenol	35.00[e]		54.000J*					
Naphthalene	6.80[e]		150.000*	62.000*		150.000*	53.000*	
Phenol	10.00[e]							
Volatiles (ppb)								
2-Butanone	4200.00[e]		82.000					
Benzene	1.00[c]							
Ethylbenzene	30.00[d]	13.000	190.000 +	110.000 +		190.000 +	25.000J	
Toluene	40.00[d]	4.000J	**1300.000 +**	120.000 +		430.000 +	24.000J	
Xylene (total)	20.00[d]	88.000 +	2500.000 +	1600.000 +		2300.000 +	810.000 +	

Summary of Analytical Data — Groundwater
Phase I RI
Site 3

Parameter	PRG[1]	03GR15	03GR16	03GR17	03GR18	03GR19	03GGM21	03GGM23
Inorganics (ppb)								
Aluminum	50.00[b]	***280.000+***	***204.000+***	***467.000+***	**198.000**	***346.000+***		***2080.000+***
Arsenic	50.00[a,c,2]							
Calcium	—	1350.000	909.000	2150.000	1100.000	731.000	11400.000	840.000
Cyanide	200.00[a,c,3]							
Iron	300.00[b,d]		218.000	254.000		*777.000+*	*487.000+*	274.000
Lead	15.00[a,c,4]		**134.000•**	**31.200•**	4.600•			1.900•
Magnesium	—	1020.000	650.000	869.000	916.000	909.000	1390.000	623.000
Manganese	50.00[b,d]		11.800					
Mercury	2.00[a,c]					0.700•		
Potassium	—					951.000	3460.000	
Selenium	50.00[a,c]							
Silver	100.00[b,d]							
Sodium	160,000.00[c]	2680.000	2820.000	2880.000	4430.000	9020.000	6590.000	2920.000
Thallium	2.00[a,c]							

Summary of Analytical Data — Groundwater
Phase I RI
Site 3

Parameter	PRG[1]	03GR15	03GR16	03GR17	03GR18	03GR19	03GGM21	03GGM23
Semivolatiles (ppb)								
2,4'-Dimethylphenol	400.00[e]		9.000J	7.000J				
2-Methylnaphthalene	—		99.000	48.000	4.000J	78.000	6.000J	
2-Methylphenol	350.00[e]		5.000J					
4-Methylphenol	35.00[e]							
Naphthalene	6.80[e]		140.000*	110.000*	11.000*	91.000*	31.000*	3.000J
Phenol	10.00[e]							
Volatiles (ppb)								
2-Butanone	4200.00[e]							
Benzene	1.00[c]					**15.000 J**	**160.000**	
Ethylbenzene	30.00[d]		320.000 +	220.000 +	14.000	190.000 +	71.000 +	
Toluene	40.00[d]		960.000 +	430.000 +		39.000J		
Xylene (total)	20.00[d]		2500.000 +	3700.000 +	200.000 +	1500.000 +	540.000 +	

Summary of Analytical Data — Groundwater Phase I RI Site 3								
Parameter	**PRG[1]**	**03GGM24**	**03GGM25**					
Inorganics (ppb)								
Aluminum	50.00[b]	***300.000+***	**165.000**					
Arsenic	50.00[a,c,2]							
Calcium	—	870.000	7090.000					
Cyanide	200.00[a,c,3]		3.000					
Iron	300.00[b,d]	156.000	222.000					
Lead	15.00[a,c,4]	0.840						
Magnesium	—	755.000	565.000					
Manganese	50.00[b,d]	10.200						
Mercury	2.00[a,c]							
Potassium	—							
Selenium	50.00[a,c]	1.800						
Silver	100.00[b,d]	4.000						
Sodium	160,000.00[c]	3620.000	2670.000					
Thallium	2.00[a,c]							

Summary of Analytical Data — Groundwater
Phase I RI
Site 3

Parameter	PRG[1]	03GGM24	03GGM25					
Semivolatiles (ppb)								
2,4'-Dimethylphenol	400.00[e]							
2-Methylnaphthalene	—							
2-Methylphenol	350.00[e]							
4-Methylphenol	35.00[e]							
Naphthalene	6.80[e]							
Phenol	10.00[e]							
Volatiles (ppb)								
2-Butanone	4200.00[e]							
Benzene	1.00[c]							
Ethylbenzene	30.00[d]							
Toluene	40.00[d]							
Xylene (total)	20 00[d]							

Notes:

J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.
+ = Indicates parameter exceeded Florida Secondary Drinking Water Standard (FSDWS).
• = Indicates parameter exceeded NAS Pensacola Background Standards.
* = Indicates parameter exceeded Florida Groundwater Guidance Concentrations (FGGC).
1 = Value is most stringent risk-based standard for listed parameter.
2 = Under EPA review.
3 = EPA proposed MCL.
4 = EPA Action Level
a = MCL
b = SMCL
c = FPDWS
d = FSDWS
e = FGGC
— = No PRG available for this parameter.
Bold = Indicates parameter exceeded USEPA Maximum Contaminant Level (MCL).
Italic = Indicates parameter exceeded USEPAs Secondary Maximum Contaminant Level (SMCL).
Underline = Indicates parameter exceeded Florida Primary Drinking Water Standard (FPDWS).

Preliminary Remediation Goals listed here represent state and federal regulatory standards that were available at the time this data evaluated (June 1994) and may not be representative of current standards.

Appendix B

Soil Borings and Well Construction Diagrams

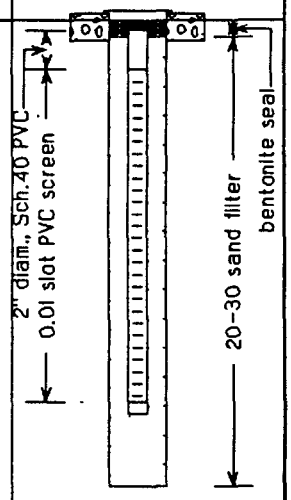
EnSafe/Allen & Hoshall

Monitoring Well GS-01

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *26.08 feet msl*
Started at *13:15 on 8-14-95*	TOC Elevation: *26.08 feet msl*
Completed at *13:50 on 8-14-95*	Depth to Groundwater: *1.64 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *24.44 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *15 to 11.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					50		SP	Surface Conditions: Dark brown stained sandy soil. Wet at 1.3'bls. Black stained medium grained sand.	
5									21
10							SP	Dark brown, slightly silty, medium grained sand. Strong fuel odor from 5-15'bls.	
15									11
20									
25									
30									
35									
40									

WELL DIAGRAM



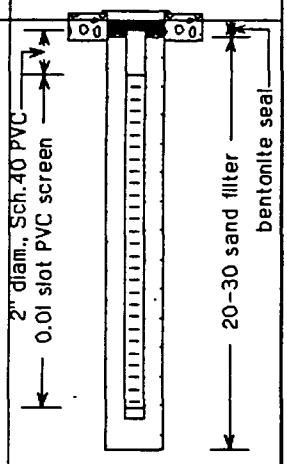
EnSafe/Allen & Hoshall

Monitoring Well GS-02

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *26.21 feet msl*
Started at *15:20 on 8-11-95*	TOC Elevation: *26.21 feet msl*
Completed at *on 8-11-95*	Depth to Groundwater: *1.83 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *24.38 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *1.7 to 11.7 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface Conditions: Denuded, sandy soil with dark brown crusty depression in center of Burn Area 2.	
5									
							SP	Tan, fine-to medium-grained quartz sand. Water level at 1.5'bls. Becoming dark gray at 8'bls. Appears to be fuel stained with strong fuel odor at and below the water table.	
10									
15									11.2
20									
25									
30									
35									
40									

WELL DIAGRAM



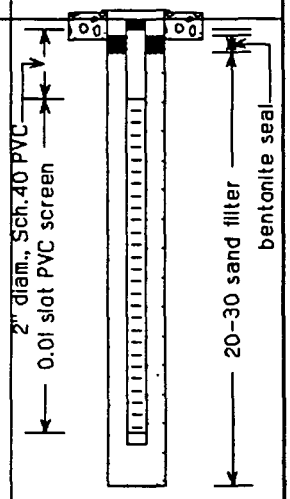
EnSafe/Allen & Hoshall

Monitoring Well GS-03

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *26.89 feet msl*
Started at *10:05 on 8-14-95*	TOC Elevation: *26.89 feet msl*
Completed at *10:40 on 8-14-95*	Depth to Groundwater: *2.14 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *24.75 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *2.4 to 12.4 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					181			Surface Conditions: Grass covered, sandy soil. Dark black crust in upper few inches.	
5							SP	Tan to light brown medium grained sand. Water table at 3.3'bls. Becoming dark brown medium grained sand at 10'bls.	
10									
15					>2000				11.9
20									
25									
30									
35									
40									

WELL DIAGRAM



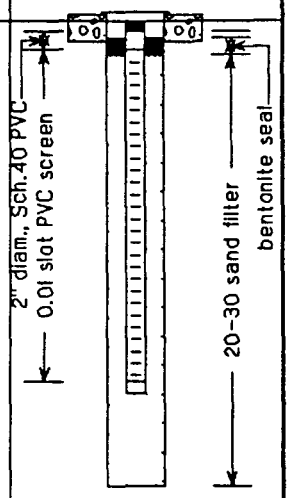
EnSafe/Allen & Hoshall

Monitoring Well GS-04

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *26.75 feet msl*
Started at *10:55 on 8-14-95*	TOC Elevation: *26.75 feet msl*
Completed at *11:30 on 8-14-95*	Depth to Groundwater: *2.76 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.99 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *0.9 to 10.9 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					430		SM	Surface Conditions: Grass covered, sandy soil. Black crusty layer at surface. Dark brown silty sand.	24.7
5							SP	Light gray to grayish brown medium grained sand. Water table at 2.2'bls. Strong fuel odor below water table.	
10							SM	Dark brown slightly silty medium grained sand.	16.7
15					>2000				11.7
20									
25									
30									
35									
40									

WELL DIAGRAM



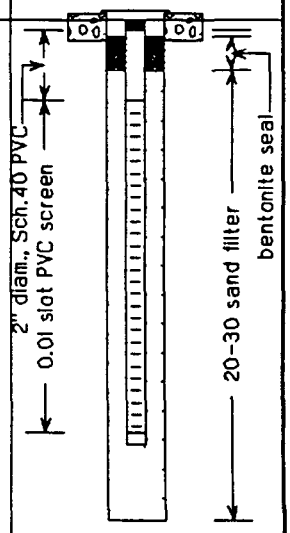
EnSafe/Allen & Hoshall

Monitoring Well GS-05

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *26.77 feet msl*
Started at *14:05 on 8-11-95*	TOC Elevation: *26.77 feet msl*
Completed at *15:15 on 8-11-95*	Depth to Groundwater: *2.85 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.92 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *2.4 to 12.4 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SM	Surface Conditions: Denuded, stained crusty land surface in center of burn area. Dark gray, silty stained sand.	
5							SP	Tan to buff white fine to medium grained quartz sand. At 5-15'bls, sand becoming gray and saturated with fuel odor present.	
10									
15					400				11.8
20									
25									
30									
35									
40									

WELL DIAGRAM



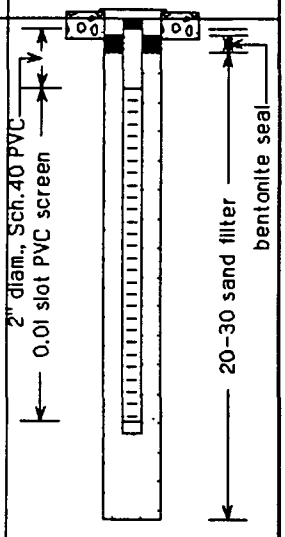
EnSafe/Allen & Hoshall

Monitoring Well GS-06

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *26.63 feet msl*
Started at *15:05 on 8-9-95*	TOC Elevation: *26.63 feet msl*
Completed at *15:40 on 8-9-95*	Depth to Groundwater: *3.57 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.06 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *2.1 to 12.1 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					23.7			Surface Conditions: Grass covered sandy soil within Burn Area 8.	
5									
							SP	Tan to light orange medium grained sand with 3% heavies. Strong fuel odor 0-5'bls. Becoming buff white from 5-15'bls.	
10					566				
15					348				11.6
20									
25									
30									
35									
40									

WELL DIAGRAM



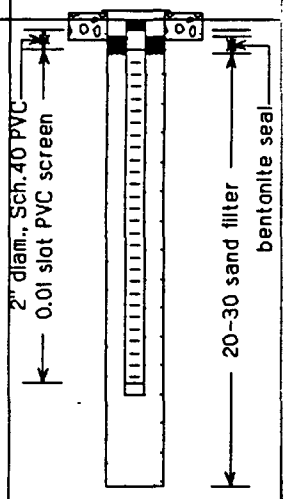
EnSafe/Allen & Hoshall

Monitoring Well GS-07

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *28.18 feet msl*
Started at *13:55 on 8-9-95*	TOC Elevation: *28.18 feet msl*
Completed at *14:40 on 8-9-95*	Depth to Groundwater: *3.14 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *25.04 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *0.9 to 10.9 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					204			Surface Conditions: Grass covered sandy soil limestone gravel veneer on surface.	
5							SP	Tan to grayish tan medium grained sand with strong fuel odor. Water table at 2.3'bls.	
10					91				18.2
							SM	Dark brown silty sand.	
15					695				13.2
20									
25									
30									
35									
40									

WELL DIAGRAM



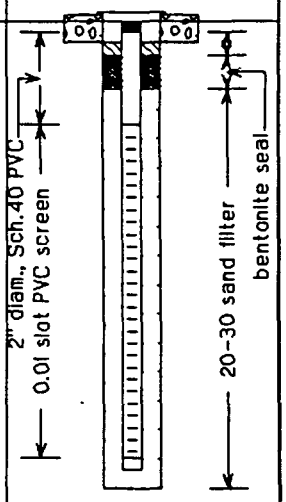
EnSafe/Allen & Hoshall

Monitoring Well GS-08

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.6 feet msl*
Started at *13:20 on 8-1-95*	TOC Elevation: *27.6 feet msl*
Completed at *14:10 on 8-1-95*	Depth to Groundwater: *3.46 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *24.14 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *3.1 to 13.1 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0			Surface Conditions: Grass covered sandy soil.	
5									
							SP	Light tan to white medium grained sand. Water table at 3.3'bls. Becoming brown from 5-15'bls.	
10									
15									12.6
20									
25									
30									
35									
40									

WELL DIAGRAM



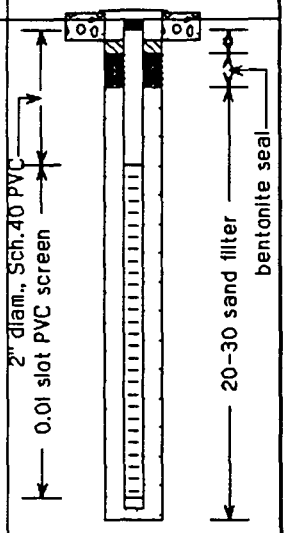
EnSafe/Allen & Hoshall

Monitoring Well GS-09

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.76 feet msl*
Started at *14:35 on 8-1-95*	TOC Elevation: *27.76 feet msl*
Completed at *15:30 on 8-1-95*	Depth to Groundwater: *4.42 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.34 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *18 feet*
Geologist: *S. Parker*	Well Screen: *4.3 to 14.3 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0			Surface Conditions: Grass covered sandy soil.	
5									
10							SP	Light brown to tan to white medium grained sand. Well sorted with few heavy minerals (3%).	
15									
									9.8
20									
25									
30									
35									
40									

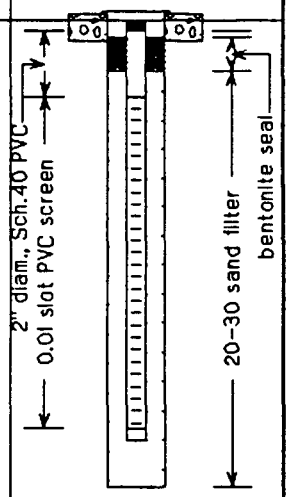
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well GS-10
Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.21 feet msl*
Started at *11:05 on 8-9-95*	TOC Elevation: *27.21 feet msl*
Completed at *12:15 on 8-9-95*	Depth to Groundwater: *3.23 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.98 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *2.3 to 12.3 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0		SM	Surface Conditions: Grass covered sandy soil. Dark brown silty sand with some orange clayey sand.	25.2
5							SP	Gray to grayish brown medium grained sand. Water table at 2.9'bls. Becoming tan to brown from 5-10'bls.	17.2
10							SM	Dark brown medium grained silty sand. Highly organic and wet.	12.2
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



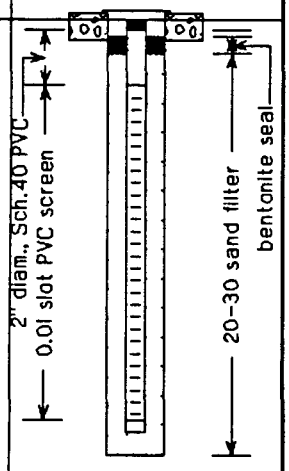
EnSafe/Allen & Hoshall

Monitoring Well GS-11

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.39 feet msl*
Started at *15:12 on 8-2-95*	TOC Elevation: *27.39 feet msl*
Completed at *15:40 on 8-2-95*	Depth to Groundwater: *3.43 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.96 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *2.0 to 12.0 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SC	Surface Conditions: Grass covered sandy soil. Orange clayey sand fill.	25.4
5							SP	Light tan to buff medium grained sand. Water table at 3'bls.	17.4
10							SM	Dark brown medium grained organic rich silty sand.	12.4
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



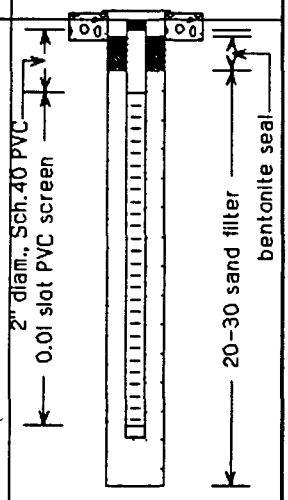
EnSafe/Allen & Hoshall

Monitoring Well GS-12

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.11 feet msl*
Started at *14:10 on 8-2-95*	TOC Elevation: *27.11 feet msl*
Completed at *14:40 on 8-2-95*	Depth to Groundwater: *3.24 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.87 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *2.2 to 12.2 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0		SC	Surface Conditions: Grass covered sandy soil. Red clayey sand fill material.	24.1
5, 10							SP	Light tan to buff medium grained sand with 3-5% heavies. Water table at 3'bls.	12.1
15, 20, 25, 30, 35, 40									

WELL DIAGRAM



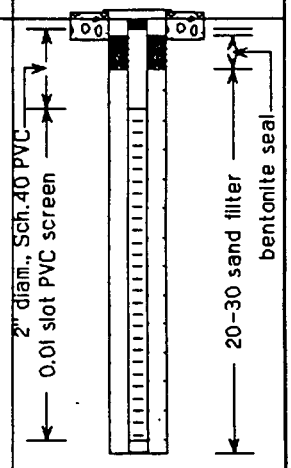
EnSafe/Allen & Hoshall

Monitoring Well GS-13

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.29 feet msl*
Started at *13:20 on 8-2-95*	TOC Elevation: *27.29 feet msl*
Completed at *14:00 on 8-2-95*	Depth to Groundwater: *3.62 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *23.67 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *2.7 to 12.7 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0		SC	Surface Conditions: Grass covered sandy soil. Red clayey sand fill to light brown to tan medium grained sand.	24.3
5, 10							SP	Buff white medium grained sand with 3-5% heavies. Water table at 3.1'bls. Becoming dark brown and organic rich from 13-15'bls.	12.3
15, 20, 25, 30, 35, 40									

WELL DIAGRAM



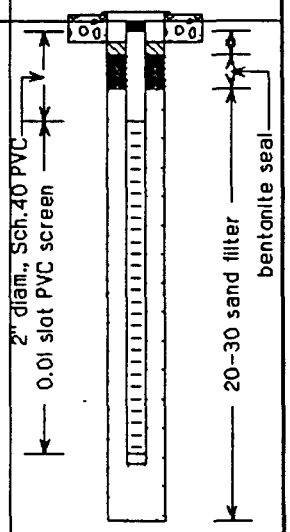
EnSafe/Allen & Hoshall

Monitoring Well GS-14

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *26.87 feet msl*
Started at *10:45 on 8-2-95*	TOC Elevation: *26.87 feet msl*
Completed at *11:25 on 8-2-95*	Depth to Groundwater: *4.37 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *22.5 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *15 feet*
Geologist: *S. Parker*	Well Screen: *3.0 to 13.0 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0			Surface Conditions: Grass covered sandy soil.	
5							SP	Light orange to tan medium grained sand with 5% heavies. Water table at 4'bls. Becoming buff white from 5-15'bls.	
10									
15									11.9
20									
25									
30									
35									
40									

WELL DIAGRAM



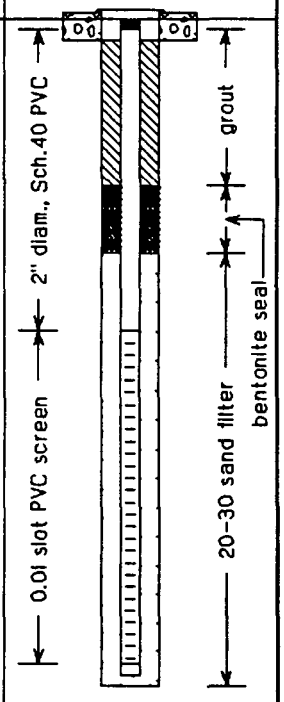
EnSafe/Allen & Hoshall

Monitoring Well GS-15

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.05 feet msl*
Started at *09:50 on 8-2-95*	TOC Elevation: *27.05 feet msl*
Completed at *10:35 on 8-2-95*	Depth to Groundwater: *10.69 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *16.36 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *20 feet*
Geologist: *S. Parker*	Well Screen: *9.4 to 19.4 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0			Surface Conditions: Grass covered sandy soil.	
5							SP	Light brown to tan medium grained sand with 3% heavies. Becoming light tan to buff and organic rich from 8-10'bls. Wood fragments present below 10'bls. Water table at 11.3'bls.	
10									
									14
15							SM	Dark brown organic rich medium grained silty sand.	
20									7
25									
30									
35									
40									

WELL DIAGRAM



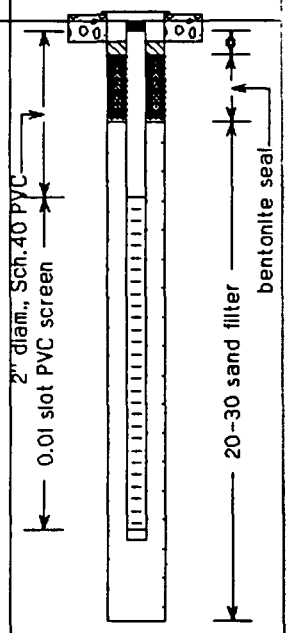
EnSafe/Allen & Hoshall

Monitoring Well GS-16

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *24.72 feet msl*
Started at *16:15 on 8-1-95*	TOC Elevation: *24.72 feet msl*
Completed at *17:05 on 8-1-95*	Depth to Groundwater: *6.93 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *17.79 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *22 feet*
Geologist: *S. Parker*	Well Screen: *5.3 to 15.3 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					0		SC	Surface Conditions: Grass covered sandy soil. Light tan to orange clayey sand fill material.	21.7
5							SP	Light tan medium grained sand. Water table at 7'bls.	14.7
10									
15							SM	Dark brown organic rich medium grained silty sand.	
20									2.7
25									
30									
35									
40									

WELL DIAGRAM



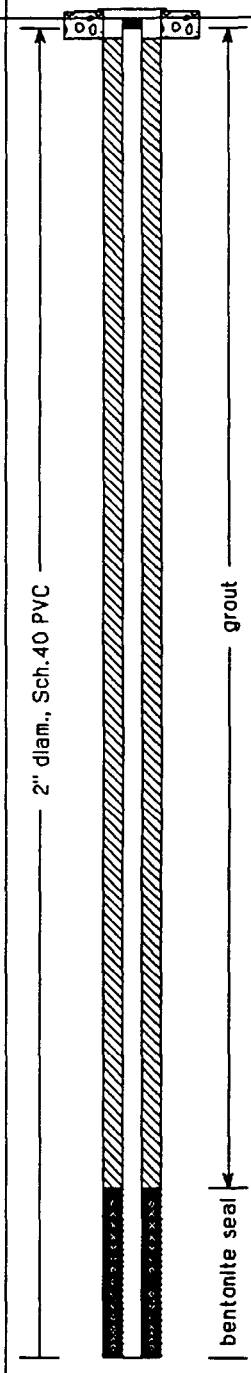
EnSafe/Allen & Hoshall

Monitoring Well GI-01

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *25.35 feet msl*
Started at *15:30 on 8-14-95*	TOC Elevation: *25.35 feet msl*
Completed at *17:50 on 8-15-95*	Depth to Groundwater: *5.05 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.3 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *66 feet*
Geologist: *S. Parker*	Well Screen: *44.3 to 54.3 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SP	Surface Conditions: Grass covered, gravelly sand with stained appearance.	
					208		SP	Black to dark brown stained medium grained sand from 0'-2'bls. Water table at 1.5'bls.	23.4
5								Tan to gray becoming dark brown, slightly silty medium grained sand.	20.4
10									
15					625				
20							SM	Dark brown silty medium grained sand. Strong fuel odor below water table.	
25									
30							PT	Peat and clayey sand.	4.7
							SC		8.8
35			ss-1				SC	Dark brown to gray, medium to coarse grained sand, slightly clayey at 41'bls. Shells and clay clasts present.	
40									

WELL DIAGRAM



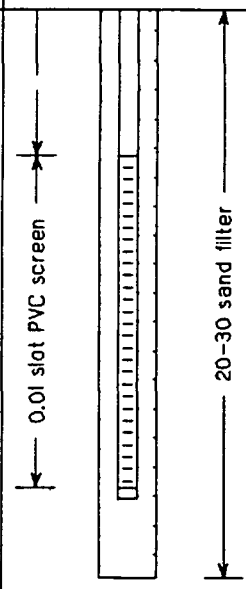
EnSafe/Allen & Hoshall

Monitoring Well GI-01

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *25.35 feet msl*
Started at *15:30 on 8-14-95*	TOC Elevation: *25.35 feet msl*
Completed at *17:50 on 8-15-95*	Depth to Groundwater: *5.05 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.3 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *66 feet*
Geologist: *S. Parker*	Well Screen: *44.3 to 54.3 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		ss-2						
45	X		ss-3						
							SC	Same dark brown to gray, medium to coarse grained sand, slightly clayey at 41'bls. Shells and clay clasts present.	
50	X		ss-4						
55									31.6
60							CH CL	Stiff clay, gray, intercalated clayey sand lenses.	
									38.7
65	X		ss-5				GC CL	Gray sandy clay with significant shell fragments.	
									40.7
70									
75									
80									

WELL DIAGRAM



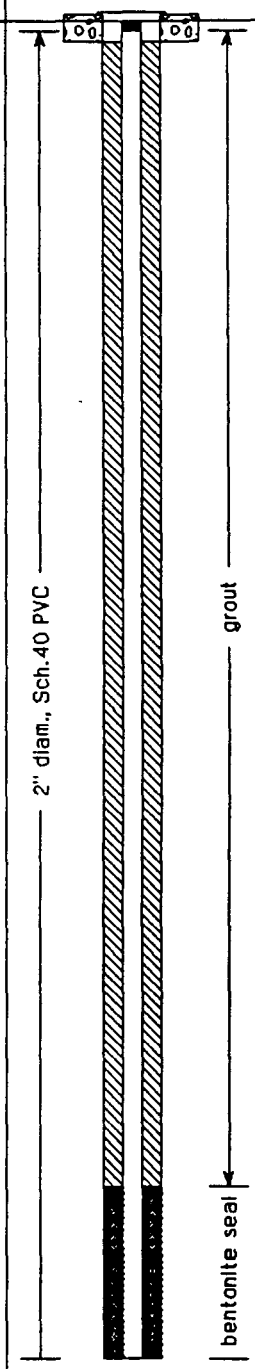
EnSafe/Allen & Hoshall

Monitoring Well GI-02

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *25.62 feet msl*
Started at *10:15 on 8-16-95*	TOC Elevation: *25.62 feet msl*
Completed at *15:10 on 8-16-95*	Depth to Groundwater: *5.42 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.2 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *62 feet*
Geologist: *S. Parker*	Well Screen: *47.6 to 57.6 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					14			Surface Conditions: Denuded sandy soil. Stained soil within burn area.	
					12				
5									
10									
15									
20							SP	Crusty dark brown to tan medium grained sand from 0'-2'bls. Wood fragments and fuel odor at 20'bls.	
25									
30									
35									11.4
40							SC	Grayish brown clayey sand. Small pieces of clay on auger.	

WELL DIAGRAM



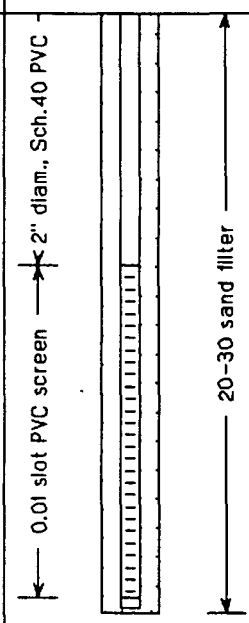
EnSafe/Allen & Hoshall

Monitoring Well GI-02

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *25.62 feet msl*
Started at *10:15 on 8-18-95*	TOC Elevation: *25.62 feet msl*
Completed at *15:10 on 8-18-95*	Depth to Groundwater: *5.42 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.2 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *62 feet*
Geologist: *S. Parker*	Well Screen: *47.8 to 57.8 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Same grayish brown clayey sand.	
45					1785				
50							SC		
55									
60	X								35.4
	X		ss-1				CH	Fat dark gray clay. No sand or shells.	38.4
65									
70									
75									
80									

WELL DIAGRAM



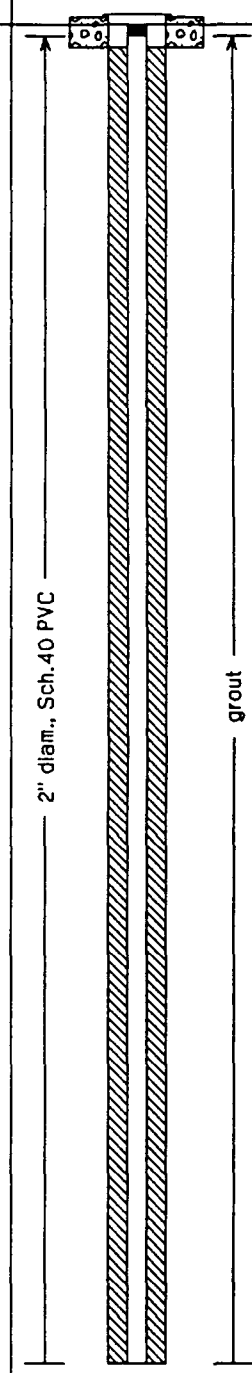
EnSafe/Allen & Hoshall

Monitoring Well GI-03

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.06 feet msl*
Started at *09:00 on 8-17-95*	TOC Elevation: *27.06 feet msl*
Completed at *on 8-17-95*	Depth to Groundwater: *7.05 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.01 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *67 feet*
Geologist: *S. Parker*	Well Screen: *48.1 to 58.1 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SM	Surface Conditions: Denuded, sandy soil with stained appearance and odor. Tan to brown medium grained silty sand. 3-4" horizon of black crusty fuel stained soil.	
5									22
10									
15									
20							SP	Brown to gray medium grained slightly silty sand. At 20'bls medium grained sand with few coarse grains and heavy minerals.	
25									
30									
35									

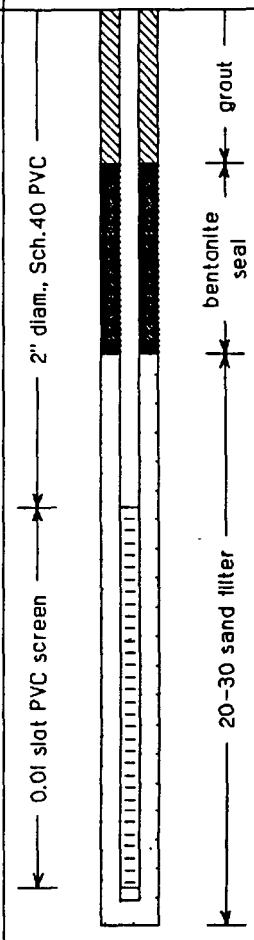
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well GI-03
Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.06 feet msl*
Started at *09:00 on 8-17-95*	TOC Elevation: *27.06 feet msl*
Completed at *on 8-17-95*	Depth to Groundwater: *7.05 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.01 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *67 feet*
Geologist: *S. Parker*	Well Screen: *48.1 to 58.1 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SP	Same medium grained sand.	
40									12.9
45									
50							SP/SC	Brownish gray medium grained sand. Wood fragments from 50-55'bls. Some gray clay.	
55									
60	X		ss-1						
65	X						CH	Stiff gray clay with 2-3cm sand beds.	37.9
			ss-2						39.9
70									

WELL DIAGRAM



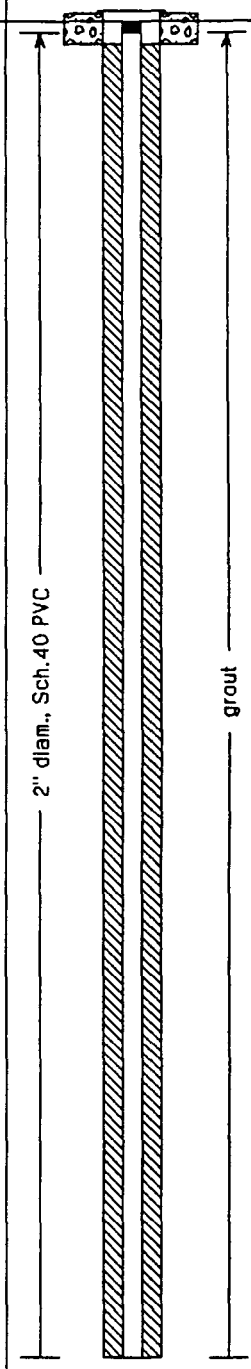
EnSafe/Allen & Hoshall

Monitoring Well GI-04

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27 feet msl*
Started at *09:15 on 8-18-95*	TOC Elevation: *27 feet msl*
Completed at *18:00 on 8-18-95*	Depth to Groundwater: *7.15 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *19.85 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *69 feet*
Geologist: *S. Parker*	Well Screen: *47.0 to 57.0 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		st-1		1100			Surface Conditions: Grass covered, sandy soil.	
5									
10							SP	Gray to brownish gray medium grained sand.	
15									
20									7
25							SP/SC	Same gray to brownish gray medium grained sand w/organic zones around 30' and 40'bls.	
30					1608				
35									

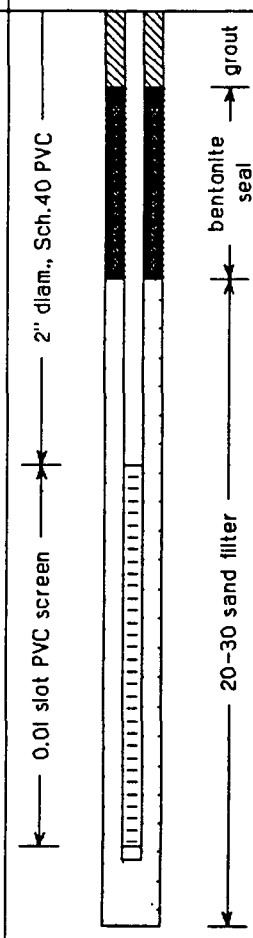
WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well GI-04
Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27 feet msl*
Started at *09:15 on 8-18-95*	TOC Elevation: *27 feet msl*
Completed at *18:00 on 8-18-95*	Depth to Groundwater: *7.15 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *19.85 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *69 feet*
Geologist: *S. Parker*	Well Screen: *47.0 to 57.0 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
40									
45									
50							SP/SC	Gray to brownish gray medium grained sand with organics present. 3-5% shell hash present below 50'bls.	
55									
60	X		ss-1						35
							CH	Stiff gray clay grading into sandy clay.	37
65							CH/CL	Stiff gray clay to sandy clay.	
	X		ss-2						42
70									

WELL DIAGRAM



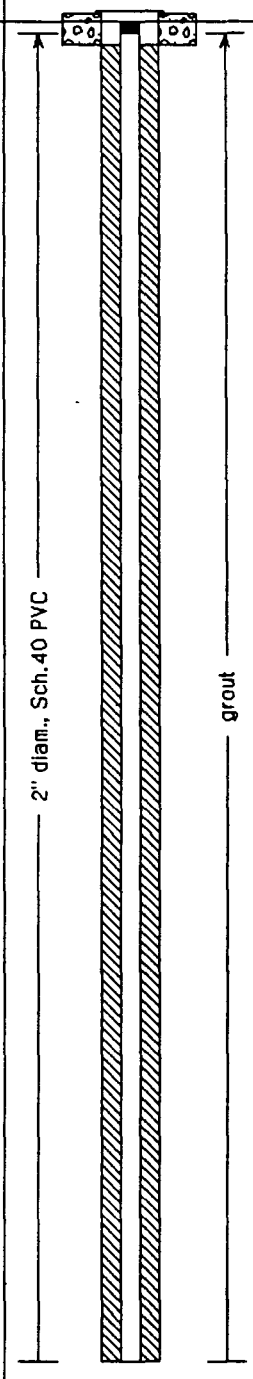
EnSafe/Allen & Hoshall

Monitoring Well GI-05

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.51 feet msl*
Started at *08:30 on 8-21-95*	TOC Elevation: *27.51 feet msl*
Completed at *09:15 on 8-22-95*	Depth to Groundwater: *7.87 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *19.64 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *67 feet*
Geologist: *S. Parker*	Well Screen: *48.1 to 58.1 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
								Surface Conditions: Grass covered, sandy soil.	
5									
10									
15									
							SP	2" black crust at surface. Buff white medium grained sand. Strong fuel odor at water table. Becoming tan to grayish brown with depth. Wood fragments present between 40-60'bls.	
20									
25									
30									
35									

WELL DIAGRAM



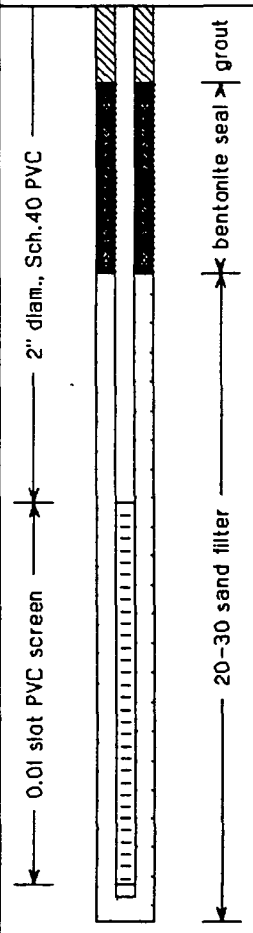
EnSafe/Allen & Hoshall

Monitoring Well GI-05

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.51 feet msl*
Started at *08:30 on 8-21-95*	TOC Elevation: *27.51 feet msl*
Completed at *09:15 on 8-22-95*	Depth to Groundwater: *7.87 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *19.64 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *67 feet*
Geologist: *S. Parker*	Well Screen: *48.1 to 58.1 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
40									
45									
							SP	Same tan to grayish brown medium sand with wood fragments.	
50									
55									
60	X								32.5
			ss-1				SC	Dark gray clayey sand, shelly.	
							CH	Stiff gray clay.	35.5
							SC		38.5
65	X						SC	Dark gray clayey sand.	
			ss-2						39.5
70									

WELL DIAGRAM



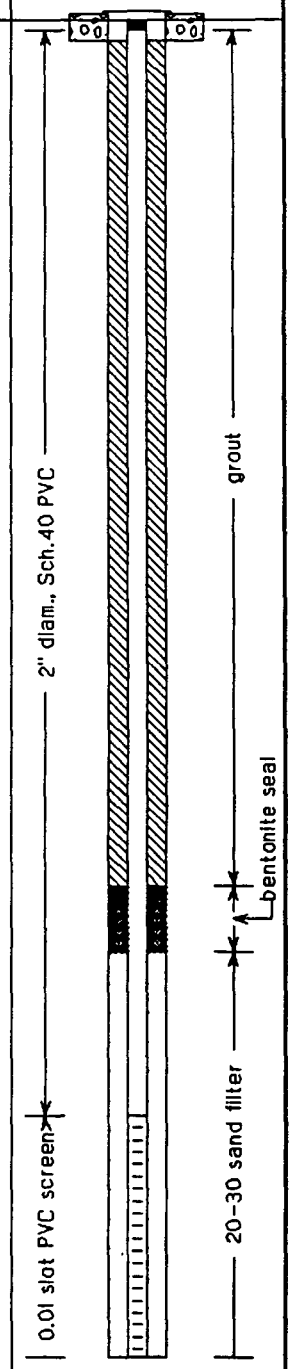
EnSafe/Allen & Hoshall

Monitoring Well GI-06

Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.43 feet msl*
Started at *18:50 on 8-10-95*	TOC Elevation: *27.43 feet msl*
Completed at *13:00 on 8-11-95*	Depth to Groundwater: *7.27 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.16 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *52 feet*
Geologist: *S. Parker*	Well Screen: *32.9 to 42.9 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
					3.2			Surface Conditions: Grass covered, sandy soil.	
5									
10									
							SP		
15									
20	X		ss-1		155			Buff white to tan, medium grained sand, strong fuel odor in cuttings. Becomes dark brown silty sand at 15-20'bls. Peaty organic clayey silty sand (26-27'bls). Densly packed tan fine to medium grained quartz sand becoming gray clayey sand at 40-42'bls.	
25	X		ss-2				SC		1.4 -.4
30	X		ss-3				SP		
35	X		ss-4						
40									

WELL DIAGRAM



EnSafe/Allen & Hoshall	Monitoring Well GI-06
Project: *UST 18*	Location: *NAS Pensacola*
Project No.: *0070-00030*	Surface Elevation: *27.43 feet msl*
Started at *16:50 on 8-10-95*	TOC Elevation: *27.43 feet msl*
Completed at *13:00 on 8-11-95*	Depth to Groundwater: *7.27 feet* Measured: *8-28-95*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *20.16 feet msl*
Drilling Company: *Layne Environmental*	Total Depth: *52 feet*
Geologist: *S. Parker*	Well Screen: *32.9 to 42.9 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X		ss-5				SP	Same gray fine to medium grained sand with some clay present.	14.8	
45	X		ss-6				SC	Gray to grayish brown dense clayey sand with low permeability.		
50	X		ss-7						24.8	
55										
60										
65										
70										
75										
80										

Appendix C

Soil Physical Parameter Data

Thompson Engineering

P.O. Drawer 9637 - Mobile, Alabama 36691
3707 Cottage Hill Road 36609
Telephone: 334-666-2443 Facsimile: 334-666-6422

Letter of Transmittal

To: ENSAFE/ALLEN & HOSHALL	**Date:** 10-5-95	**Project No:** 9540006000
	Re: PROJECT# 007000030	
Attention: MR. STEVE PARKER		

We are sending you:

_x_ *Attached* ___ *Under Separate Cover via* _____ *the following items:*
___ *Shop Dawings* ___ *Prints* ___ *Plans* ___ *Sepias* ___ *Specifications* ___ *Copy of Letter*
___ *Change order*

COPIES	DATE	NO.	DESCRIPTION
1	10-5-95	4	PARTICLE SIZE DISTRIBUTION TEST REPORT
1	10-5-95	1	HYDRAULIC CONDUCTIVITY TEST
1	10-5-95	1	SPECIFIC GRAVITY OF SOILS
1	10-5-95	1	CHAIN OF CUSTODY

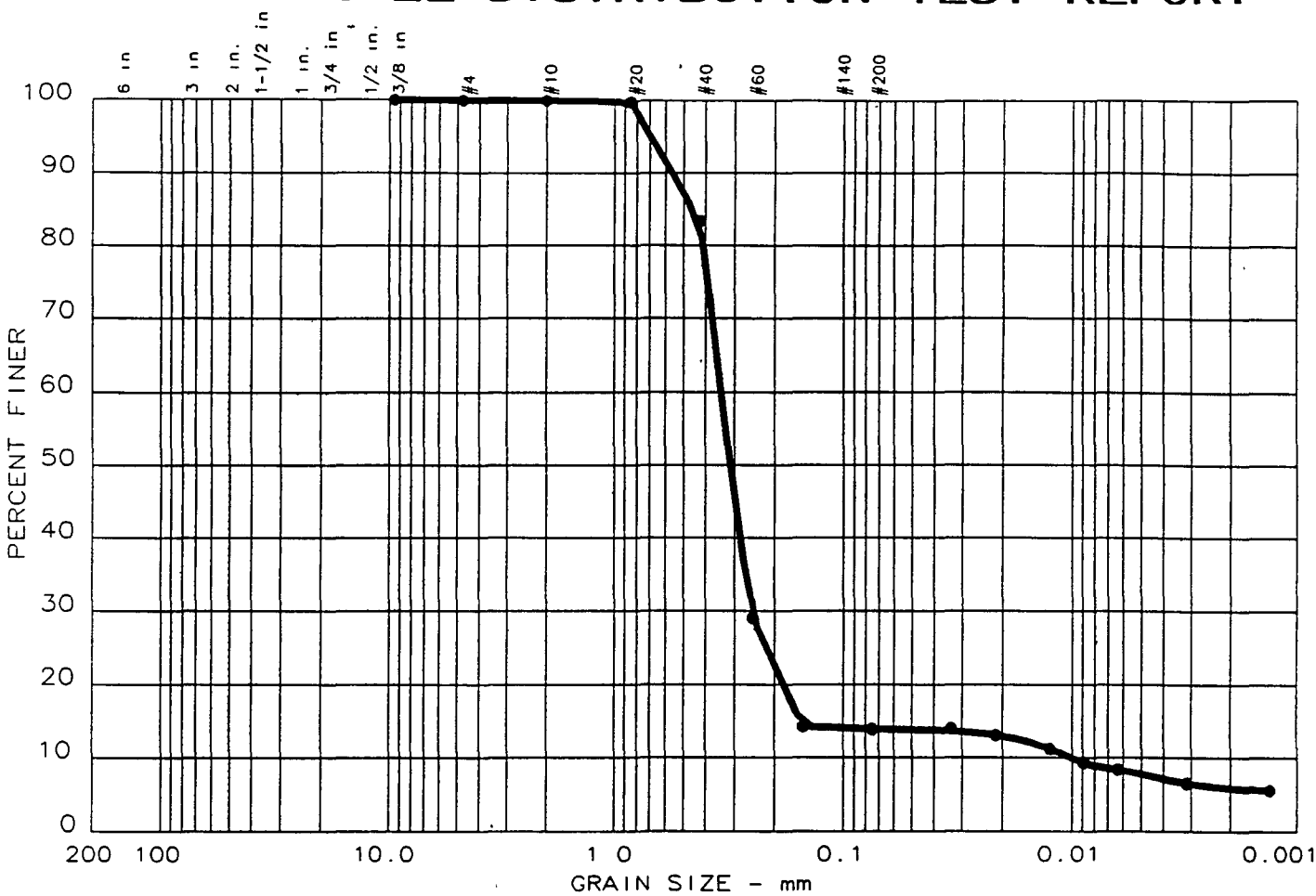
These are transmitted as checked below:

___ *For approval* _x_ *For your use* ___ *As requested* ___ *For review and comment*

Remarks: _____

Leroy Baxley
LEROY BAXLEY
ENGINEERING TESTING LABORATORY

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	4	0.0	0.0	86.1	6.1	7.8

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●			0.45	0.34	0.31	0.253	0.1538	0.0099	18.77	34.5

MATERIAL DESCRIPTION	USCS	AASHTO
● SILTY MEDIUM TO FINE SAND		

Project No.: 9540006000
Project: 007000030
● Location: 00355T0103

Date: 10/05/95

Remarks:
CLIENT: ENSAFE/ALLEN & HOSHALL

PARTICLE SIZE DISTRIBUTION TEST REPORT

THOMPSON ENGINEERING

Figure No. 4

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 4

Date: 10/05/95
Project No.: 9540006000
Project: 007000030

Sample Data

Location of Sample: 00355T0103
Sample Description: SILTY MEDIUM TO FINE SAND
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Fig. No.: 4

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	107.37	92.49
Tare =	0.00	0.00
Dry sample weight =	107.37	92.49

Minus #200 from wash= 13.9 %
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	0.18	99.8
# 40	17.86	83.4
# 60	76.13	29.1
# 100	92.08	14.2
# 200	92.46	13.9

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 100.0
Weight of hydrometer sample: 107.37
Calculated biased weight= 107.37
Table of composite correction values:

Temp, deg C:	21.2	21.8
Comp. corr:	- 8.0	- 8.0

Meniscus correction only= 0
Specific gravity of solids= 2.65
Specific gravity correction factor= 1.000
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	21.3	23.0	15.0	0.0134	23.0	12.5	0.0336	14.0
5.0	21.3	22.0	14.0	0.0134	22.0	12.7	0.0214	13.0
15.0	21.3	20.0	12.0	0.0134	20.0	13.0	0.0125	11.2
30.0	21.4	18.0	10.0	0.0134	18.0	13.3	0.0089	9.3
60.0	21.6	17.0	9.0	0.0134	17.0	13.5	0.0063	8.4
250.0	21.8	15.0	7.0	0.0133	15.0	13.8	0.0031	6.5
1440.0	21.2	14.0	6.0	0.0134	14.0	14.0	0.0013	5.6

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 86.1
% SILT = 6.1 % CLAY = 7.8

D85= 0.45 D60= 0.342 D50= 0.312
D30= 0.2526 D15= 0.15382 D10= 0.00993
Cc = 18.7715 Cu = 34.4747

Leroy Bailey
THOMPSON ENGINEERING TESTING, INC.
MATERIALS ENGINEERING LABORATORY

Thompson Engineering

OCTOBER 3, 1995

REPORT #:
JOB #: 9540006000
LAB #: 7294

CLIENT: ENSAFE/ALLEN AND HOSHALL
PROJECT: PROJECT #: 007000030

REPORT OF: HYDRAULIC CONDUCTIVITY OF GRANULAR SOILS (CONSTANT HEAD)
ASTM D-2434

SAMPLE ID: 00355T0103

PERMEAMETER #: 1

DATES
SAMPLED: 08/08/94
TESTED: 09/20/95

TECHNICIAN
SAMPLED: CLIENT
TESTED: L. BAXLEY

INITIAL MOISTURE (%):	9.42	HEAD (CM):	488.51
FINAL MOISTURE (%):	19.31	SPECIFIC GRAVITY	2.624
INITIAL WET UNIT WT.(pcf):	123.42	VOLUME (cm3):	414.62
INITIAL DRY UNIT WT.(pcf):	110.27	VOLUME OF SOLIDS (cc)	279.22
FINAL WET UNIT WT.(pcf):	131.56	VOLUME OF VOIDS (cc)	135.40
INITIAL SATURATION (%):	64.54	VOID RATIO	0.4849
FINAL SATURATION (%):	**104.51**	POROSITY	0.3266

VISUAL DESCRIPTION: TAN MEDIUM TO FINE SAND

TIME INTERVAL (SECONDS)	TOTAL VOLUME H20 (ML)	VOL/INTERVAL H20 (ML)	PERMEABILITY (CM/SEC)@20 C
251.62	1000	1000	1.68E-03
254.47	2000	1000	1.69E-03
254.69	3000	1000	1.67E-03
253.00	4000	1000	1.68E-03
252.44	5000	1000	1.67E-03

AVERAGE
1.68E-03

Leroy Bardley

THOMPSON ENGINEERING TESTING, INC.
MATERIALS ENGINEERING LABORATORY

Thompson Engineering

OCTOBER 2, 1995

CLIENT: ENSAFE/ALLEN & HOSHALL
PROJECT: PROJECT #: 007000030

JOB #: 9540006000

REPORT OF: SPECIFIC GRAVITY OF SOILS ASTM D-854

SAMPLE INDETIFICATION #: 00355T0103
DEPTH (ft): N/A

PYCNOMETER #:6

DATES	TECHNICIAN
SAMPLED: 08/17/95	SAMPLED: CLIENT
TESTED: 09/22/95	TESTED: L. BAXLEY

>>>>>> LABORATORY RESULTS <<<<<<<

(A) WEIGHT OF PYCNOMETER (G):	188.21
(B) WEIGHT OF PYCNOMETER AND SAMPLE (G):	280.94
(C) WEIGHT OF SAMPLE (G):	92.73
(D) WEIGHT OF PYCNOMETER AND WATER (G):	686.76
(E) TEMP. OF PYCNOMETER AND WATER (C):	22.20
(F) DENSITY OF WATER @ T1:	0.997755
(G) WEIGHT OF PYCNOMETER, SAMPLE AND WATER (G):	744.23
(H) TEMP. OF PYCNOMETER, SAMPLE AND WATER (C):	22.20
(I) DENSITY OF WATER @ T2:	0.997755

>>>>>>> COMPUTATIONS <<<<<<<<

(R)= (D-A)/F*.998234+A	686.9993
(S)= (G-B)/I*.998234+B	744.4524
(GS)= C/(C+R)-S))*.998234	2.623988

SPECIFIC GRAVITY: 2.624

Leroy Bayley

THOMPSON ENGINEERING TESTING, INC.
MATERIALS ENGINEERING LABORATORY

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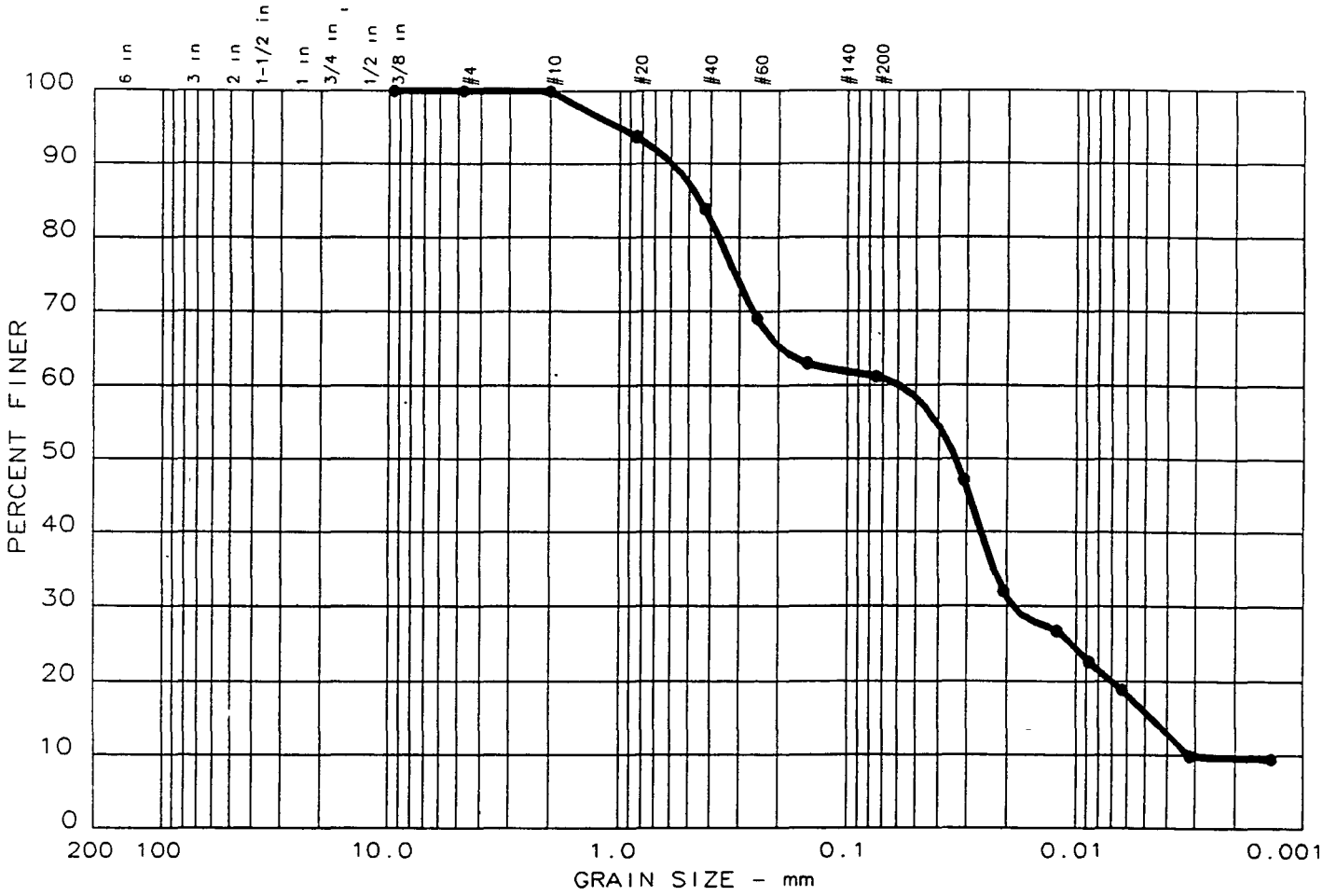
DATALCP3
01/11/96

UST 18
NAS PENSACOLA
PHYSICAL PARAMETERS

TOC							
	SAMPLE ID ------->	003-S-0001-02	003-S-0006-01	003-S-0025-03			
	ORIGINAL ID ----->	03S000102	03S000601	03S002503			
	LAB SAMPLE ID --->	744236	744265	745445			
	ID FROM REPORT -->	03S000102	03S000601	03S002503			
	SAMPLE DATE ----->	08/01/95	08/01/95	08/07/95			
	DATE ANALYZED --->	08/24/95	08/24/95	08/24/95			
	MATRIX ---------->	Soil	Soil	Soil			
	UNITS ---------->	mg/kg	mg/kg	mg/kg			
* CAS #	Parameter	31159.43 VAL	31159.43 VAL	31159.43 VAL			
9999900-01-4	Total Organic Carbon (TOC)	NR	NR	NR			
100000-00-0	Organic Carbon	11600.	4840.	1590.			

*** Validation Complete ***

PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	1	0.0	0.0	38.9	45.4	15.7

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●			0.45	0.06	0.03	0.019	0.0047	0.0032	1.84	18.5

MATERIAL DESCRIPTION	USCS	AASHTO
● MEDIUM TO FINE SANDY SILT		

Project No.: 9540006000
Project: 007000030
● Location: 003M000101

Date: 10/05/95

Remarks:
CLIENT: ENSAFE/ALLEN & HOSHALL

PARTICLE SIZE DISTRIBUTION TEST REPORT

THOMPSON ENGINEERING

Figure No. 1

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 1

Date: 10/05/95
Project No.: 9540006000
Project: 007000030

Sample Data

Location of Sample: 003M000101
Sample Description: MEDIUM TO FINE SANDY SILT
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Fig. No.: 1

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	53.07	20.62
Tare =	0.00	0.00
Dry sample weight =	53.07	20.62

Minus #200 from wash= 61.1 %
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	3.32	93.7
# 40	8.57	83.9
# 60	16.44	69.0
# 100	19.65	63.0
# 200	20.62	61.1

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 100.0
Weight of hydrometer sample: 53.07
Calculated biased weight= 53.07
Table of composite correction values:

Temp, deg C:	18.2	22.2
Comp. corr:	- 8.0	- 8.0

Meniscus correction only= 0
Specific gravity of solids= 2.65
Specific gravity correction factor= 1.000
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	22.2	33.0	25.0	0.0133	33.0	10.9	0.0310	47.1
5.0	22.2	25.0	17.0	0.0133	25.0	12.2	0.0207	32.0
15.0	22.1	22.2	14.2	0.0133	22.2	12.7	0.0122	26.8
30.0	21.9	20.0	12.0	0.0133	20.0	13.0	0.0088	22.6
60.0	21.7	18.0	10.0	0.0134	18.0	13.3	0.0063	18.8
250.0	21.8	13.2	5.2	0.0133	13.2	14.1	0.0032	9.8
1440.0	18.2	13.0	5.0	0.0140	13.0	14.2	0.0014	9.4

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 38.9
% SILT = 45.4 % CLAY = 15.7

D85= 0.45 D60= 0.059 D50= 0.034
D30= 0.0187 D15= 0.00466 D10= 0.00322
Cc = 1.8365 Cu = 18.4502

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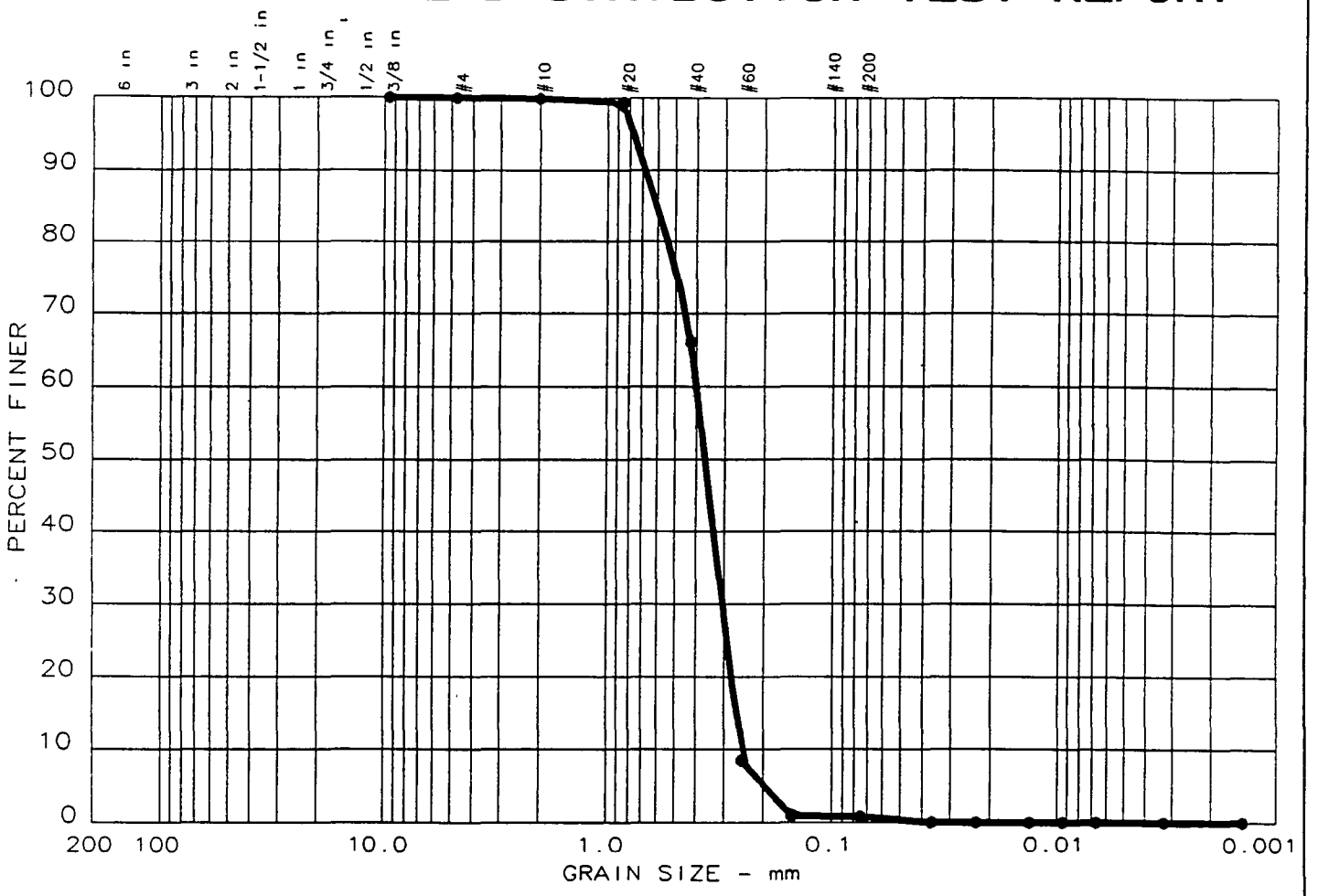
PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	2	0.0	0.0	99.2	0.8	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●			0.60	0.40	0.37	0.305	0.2655	0.2532	0.91	1.6

MATERIAL DESCRIPTION	USCS	AASHTO
● MEDIUM TO FINE SAND		

Project No.: 9540006000
Project: 007000030
● Location: 003M000201

Date: 10/05/95

Remarks:
CLIENT: ENSAFE/ALLEN & HOSHALL

PARTICLE SIZE DISTRIBUTION TEST REPORT

THOMPSON ENGINEERING

Figure No. 2

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 2

Date: 10/05/95
Project No.: 9540006000
Project: 007000030

Sample Data

Location of Sample: 003M000201
Sample Description: MEDIUM TO FINE SAND
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Fig. No.: 2

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	100.38	99.59
Tare =	0.00	0.00
Dry sample weight =	100.38	99.59

Minus #200 from wash= 0.8 %
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	0.12	99.9
# 20	0.61	99.4
# 40	34.06	66.1
# 60	91.86	8.5
# 100	99.47	0.9
# 200	99.59	0.8

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 99.9
Weight of hydrometer sample: 100.26
Calculated biased weight= 100.38
Table of composite correction values:

Temp, deg C:	18.2	22.2
Comp. corr:	- 8.0	- 8.0

Meniscus correction only= 0
Specific gravity of solids= 2.65
Specific gravity correction factor= 1.000
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	22.2	8.0	0.0	0.0133	8.0	15.0	0.0363	0.0
5.0	22.2	8.0	0.0	0.0133	8.0	15.0	0.0230	0.0
15.0	22.2	8.0	0.0	0.0133	8.0	15.0	0.0133	0.0
30.0	21.9	8.0	0.0	0.0133	8.0	15.0	0.0094	0.0
60.0	21.7	8.0	0.0	0.0134	8.0	15.0	0.0067	0.0
250.0	21.9	8.0	0.0	0.0133	8.0	15.0	0.0033	0.0
1440.0	18.2	8.0	0.0	0.0140	8.0	15.0	0.0014	0.0

Fractional Components

Gravel/Sand based on #4 sieve
Sand/Fines based on #200 sieve
% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 99.2
% FINES = 0.8

D85= 0.60 D60= 0.402 D50= 0.366
D30= 0.3048 D15= 0.26546 D10= 0.25322
Cc = 0.9131 Cu = 1.5867

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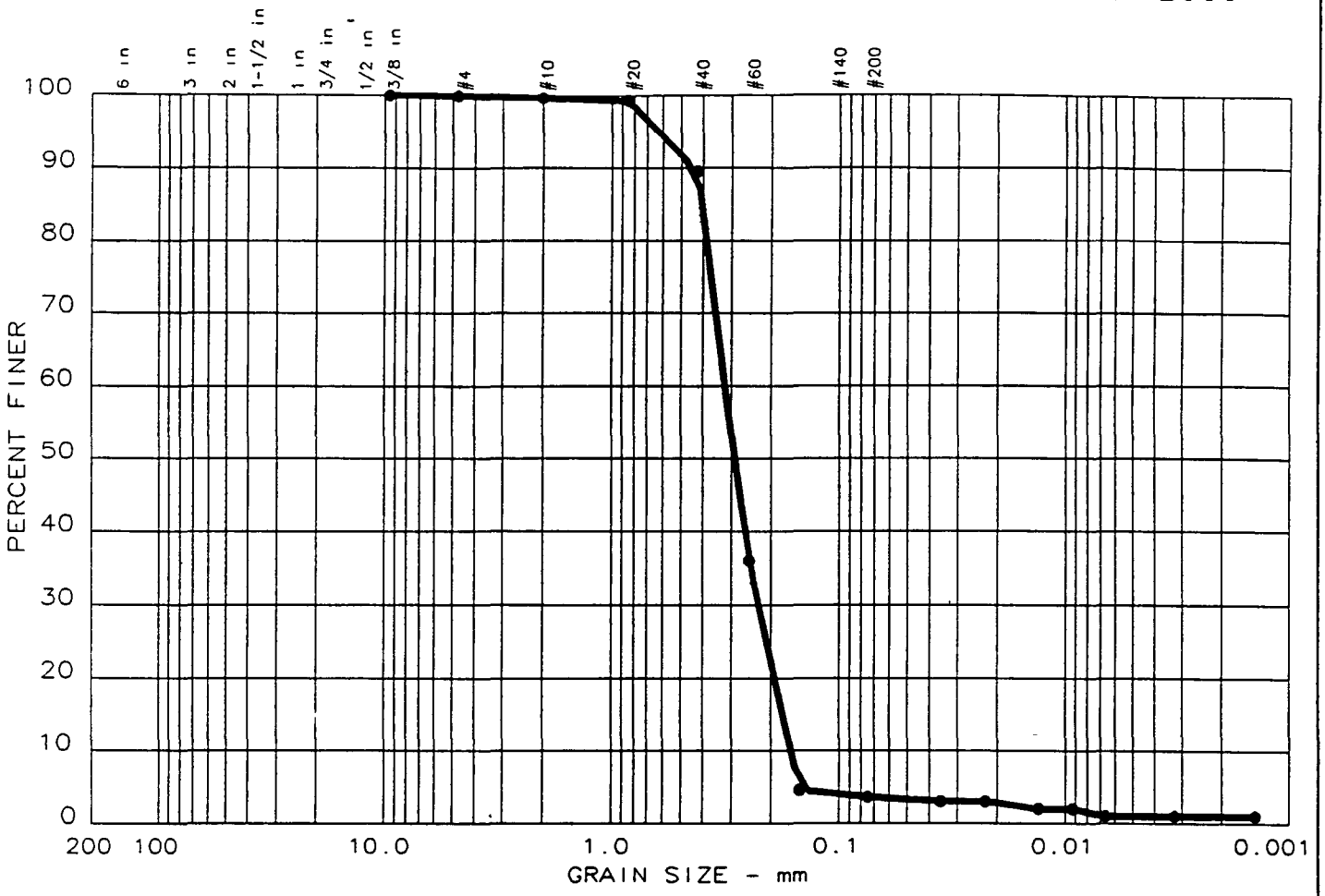
PARTICLE SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
●	3	0 0	0.0	96.4	2.6	1.0

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
●			0.41	0.32	0.29	0.226	0.1776	0.1637	0.98	2.0

MATERIAL DESCRIPTION	USCS	AASHTO
● MEDIUM TO FINE SAND		

Project No.: 9540006000
Project: 007000030
● Location: 003M000301

Date: 10/05/95

Remarks:
CLIENT: ENSAFE/ALLEN & HOSHALL

PARTICLE SIZE DISTRIBUTION TEST REPORT

THOMPSON ENGINEERING

Figure No. 3

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 3

Date: 10/05/95
Project No.: 9540006000
Project: 007000030

Sample Data

Location of Sample: 003M000301
Sample Description: MEDIUM TO FINE SAND
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: CLIENT: ENSAFE/ALLEN & HOSHALL

Fig. No.: 3

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	100.30	96.69
Tare =	0.00	0.00
Dry sample weight =	100.30	96.69

Minus #200 from wash= 3.6 %
Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
0.375 inches	0.00	100.0
# 4	0.05	100.0
# 10	0.29	99.7
# 20	0.65	99.4
# 40	10.47	89.6
# 60	64.08	36.1
# 100	95.73	4.6
# 200	96.69	3.6

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 99.7
Weight of hydrometer sample: 100.01
Calculated biased weight= 100.30
Table of composite correction values:

Temp, deg C:	18.2	22.2
Comp. corr:	- 8.0	- 8.0

Meniscus correction only= 0
Specific gravity of solids= 2.65
Specific gravity correction factor= 1.000
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	22.2	11.0	3.0	0.0133	11.0	14.5	0.0357	3.0
5.0	22.2	11.0	3.0	0.0133	11.0	14.5	0.0226	3.0
15.0	22.1	10.0	2.0	0.0133	10.0	14.7	0.0131	2.0
30.0	22.1	10.0	2.0	0.0133	10.0	14.7	0.0093	2.0
60.0	21.7	9.0	1.0	0.0134	9.0	14.8	0.0066	1.0
250.0	21.9	9.0	1.0	0.0133	9.0	14.8	0.0032	1.0
1440.0	18.2	9.0	1.0	0.0140	9.0	14.8	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 = 96.4
% SILT = 2.6 % CLAY = 1.0

D85= 0.41 D60= 0.320 D50= 0.290
D30= 0.2262 D15= 0.17762 D10= 0.16368
Cc = 0.9784 Cu = 1.9521

Leroy Bayley
THOMPSON ENGINEERING TESTING, INC.
MATERIALS ENGINEERING LABORATORY

Appendix D

Analytical Report for Contamination Assessment, UST 18

DATA QUALIFIER DEFINITIONS

The following definitions explain the data qualifiers as a result of 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 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 ability to analyze the sample and meet QC criteria. The presence and/or absence of the compound cannot be verified.

UST 18
NAS PENSACOLA
SURFACE WATER

EDB							
	SAMPLE ID ------->	003-W-0001-01	003-R-0001-01	003-W-0002-01	003-W-0003-01		
	ORIGINAL ID ----->	03W000101	03R000101	03W000201	03W000301		
	LAB SAMPLE ID --->	12521-1	12521-2	12521-4	12521-5		
	ID FROM REPORT -->	03W000101	03R000101	03W000201	03W000301		
	SAMPLE DATE ----->	08/22/95	08/22/95	08/22/95	08/22/95		
	DATE EXTRACTED -->	08/31/95	08/31/95	08/31/95	08/31/95		
	DATE ANALYZED --->	09/01/95	09/01/95	09/01/95	09/01/95		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	UG/L	UG/L	UG/L	UG/L		
CAS #	Parameter	T512521 VAL	T512521 VAL	T512521 VAL	T512521 VAL		
106-93-4	1, 2-Dibromoethane	0.02 U	0.02 U	0.02 U	0.02 U		

*** Validation Complete ***

UST 18
NAS PENSACOLA
SURFACE WATER

METAL											
	SAMPLE ID ------->	003-W-0001-01		003-R-0001-01		003-W-0002-01		003-W-0003-01			
	ORIGINAL ID ----->	003W000101		003R000101		003W000201		003W000301			
	LAB SAMPLE ID --->	746210		746216		746205		746251			
	ID FROM REPORT -->	MAC003		MAC004		MAC002		MAC005			
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		08/09/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	311993	VAL	311993	VAL	311993	VAL	311993	VAL		
AL	Aluminum	1910.	J	3550.	J	676.	J	664.	J		
SB	Antimony	1.9	U	1.9	U	2.		1.9	U		
AS	Arsenic	2.7	U	2.7	U	2.7	U	2.7	U		
BA	Barium	44.1	U	38.6	U	7.1	U	5.8	U		
BE	Beryllium	0.1	U	0.1	U	0.1	U	0.1	U		
CD	Cadmium	0.94		1.7		0.5	U	0.5	U		
CA	Calcium	6080.		6400.		3830.		4140.			
CR	Chromium	2.7	U	4.4	U	1.4	U	1.2	U		
CO	Cobalt	0.5	U	0.5	U	0.5	U	0.5	U		
CU	Copper	18.4	U	27.6	U	6.7	U	6.7	U		
FE	Iron	10400.		15500.		419.		573.			
PB	Lead	48.9		92.2		2.2		1.6	U		
MG	Magnesium	1200.		1250.		649.		658.			
MN	Manganese	22.6		27.6		3.7		9.7			
NI	Nickel	2.4	U	2.4	U	2.4	U	2.4	U		
K	Potassium	1970.		2060.		372.	U	363.	U		
SE	Selenium	3.4	U	3.4	U	3.4	U	3.4	U		
AG	Silver	4.5	U	4.5	U	4.5	U	4.5	U		
NA	Sodium	5170.		4910.		3380.	U	3390.	U		
TL	Thallium	3.6	U	3.6	U	3.6	U	3.6	U		
V	Vanadium	5.4		8.7		1.6		1.			
ZN	Zinc	21.4		33.7		13.8	U	29.8			
CN	Cyanide	10.	U	10.	U	10.	U	10.	U		
HG	Mercury	0.2	U	0.2	U	0.2	U	0.2	U		

*** Validation complete ***

UST 18
NAS PENSACOLA
SURFACE WATER

PEST											
	SAMPLE ID ------->	003-W-0001-01		003-R-0001-01		003-W-0002-01		003-W-0003-01			
	ORIGINAL ID ----->	03W000101		03R000101		03W000201		03W000301			
	LAB SAMPLE ID --->	746209 R1		746213		746198		746250			
	ID FROM REPORT -->	03W000101		03R000101		03W000201		03W000301			
	SAMPLE DATE ----->										
	DATE EXTRACTED -->	08/16/95		08/15/95		08/15/95		08/15/95			
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	00002	VAL	00002	VAL	00002	VAL	00002	VAL		
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U		
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U		
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.5	U		
58-89-9	gamma-BHC (Lindane)	0.0061	J	0.0018	J	0.05	U	0.05	U		
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U		
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U		
1024-57-3	Heptachlor epoxide	0.0068	J	0.0024	J	0.05	U	0.05	U		
959-98-8	Endosulfan I	0.05	U	0.0016	J	0.05	U	0.05	U		
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U		
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U		
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U		
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U		
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U		
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U		
50-29-3	4,4'-DDT	0.1	U	0.0026	J	0.1	U	0.1	U		
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U		
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U		
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U		
5103-71-9	alpha-Chlordane	0.05	U	0.005	J	0.05	U	0.05	U		
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U		
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U		
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U		
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U		
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U		
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U		
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U		
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U		
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U		

*** Validation Complete ***

UST 18
NAS PENSACOLA
SURFACE WATER

SVOA									
	SAMPLE ID ------->	003-W-0001-01		003-R-0001-01		003-W-0002-01		003-W-0003-01	
	ORIGINAL ID ----->	03W000101		03R000101		03W000201		03W000301	
	LAB SAMPLE ID --->	746209		746213		746198		746250	
	ID FROM REPORT -->	03W000101		03R000101		03W000201		03W000301	
	SAMPLE DATE ----->								
	DATE EXTRACTED -->	08/15/95		08/15/95		08/15/95		08/15/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00002	VAL	00002	VAL	00002	VAL	00002	VAL
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	U	2.	J	10.	U	10.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	25.	U	25.	U	25.	U	25.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	25.	U	25.	U	25.	U	25.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	25.	U
100-02-7	4-Nitrophenol	25.	U	25.	U	25.	U	25.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SURFACE WATER

SVOA									
	SAMPLE ID ------->	003-W-0001-01		003-R-0001-01		003-W-0002-01		003-W-0003-01	
	ORIGINAL ID ----->	03W000101		03R000101		03W000201		03W000301	
	LAB SAMPLE ID --->	746209		746213		746198		746250	
	ID FROM REPORT -->	03W000101		03R000101		03W000201		03W000301	
	SAMPLE DATE ----->								
	DATE EXTRACTED -->	08/15/95		08/15/95		08/15/95		08/15/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00002	VAL	00002	VAL	00002	VAL	00002	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	25.	U	25.	U	25.	U	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	U	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	25.	U	25.	U	25.	U	25.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U
86-74-8	Carbazole	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SURFACE WATER

TPH							
	SAMPLE ID ------->	003-W-0001-01	003-R-0001-01	003-W-0002-01	003-W-0003-01		
	ORIGINAL ID ----->	003W000101	003R000101	003W000201	003W000301		
	LAB SAMPLE ID --->	746211	746217	746208	746252		
	ID FROM REPORT -->	003W000101	003R000101	003W000201	003W000301		
	SAMPLE DATE ----->	08/09/95	08/09/95	08/09/95	08/09/95		
	DATE EXTRACTED -->	08/29/95	08/29/95	08/29/95	08/29/95		
	DATE ANALYZED --->	08/29/95	08/29/95	08/29/95	08/29/95		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L		
CAS #	Parameter	31199.4 VAL	31199.4 VAL	31199.4 VAL	31199.4 VAL		
9999900-02-4	Petroleum Hydrocarbons, TPH	1.2	1.6	1.4	0.25 U		

*** Validation Complete ***

UST 18
NAS PENSACOLA
SURFACE WATER

VOA									
	SAMPLE ID ------->	003-W-0001-01		003-R-0001-01		003-W-0002-01		003-W-0003-01	
	ORIGINAL ID ----->	03W000101		03R000101		03W000201		03W000301	
	LAB SAMPLE ID --->	750937		750938		750936		750939	
	ID FROM REPORT -->	03W000101		03R000101		03W000201		03W000301	
	SAMPLE DATE ----->								
	DATE ANALYZED --->	08/30/95		08/30/95		08/30/95		08/30/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00002	VAL	00002	VAL	00002	VAL	00002	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	10.	U	10.	U	10.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethylene	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	4.	J	3.	J	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	55.		46.		10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	25.		23.		10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	13.		11.		10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	84.		71.		10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SEDIMENTS

METAL											
	SAMPLE ID ------->	003-M-0001-01		003-N-0001-01		003-M-0002-01		003-M-0003-01			
	ORIGINAL ID ----->	003M000101		003N000101		003M000201		003M000301			
	LAB SAMPLE ID --->	746288		746280		746255		746284			
	ID FROM REPORT -->	003M000101		003N000101		003M000201		003M000301			
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		08/09/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	119925	VAL	119925	VAL	119925	VAL	119925	VAL		
AL	Aluminum	13400.	J	14900.	J	228.	J	919.	J		
SB	Antimony	1.7	U	1.7	U	0.48	U	0.55	U		
AS	Arsenic	2.4	U	2.4	U	0.68	U	0.79	U		
BA	Barium	27.6		31.8		0.63	U	3.3			
BE	Beryllium	0.23	U	0.36	U	0.03	U	0.03	U		
CD	Cadmium	4.1		5.6		0.13	U	0.15	U		
CA	Calcium	2020.		2540.		44.3		723.			
CR	Chromium	15.2		21.4		0.37	U	1.	U		
CO	Cobalt	0.45		0.44	U	0.13	U	0.15	U		
CU	Copper	105.		127.		1.7	U	2.	U		
FE	Iron	3670.	J	4320.	J	219.	J	536.	J		
PB	Lead	525.		645.		1.		14.1			
MG	Magnesium	529.		565.		12.1	U	59.3	U		
MN	Manganese	12.6		14.6		0.69	U	5.6			
NI	Nickel	3.3		5.7		0.61	U	0.7	U		
K	Potassium	324.		333.		22.9		37.1			
SE	Selenium	4.		4.7		0.86	U	0.99	U		
AG	Silver	4.	U	4.	U	1.1	U	1.3	U		
NA	Sodium	1010.	U	1060.	U	283.	U	300.	U		
TL	Thallium	3.2	U	3.2	U	0.91	U	1.	U		
V	Vanadium	18.7		21.7		0.32		1.9			
ZN	Zinc	60.5		75.5		3.	U	11.1			
CN	Cyanide	2.3	U	2.2	U	0.63	U	0.73	U		
HG	Mercury	0.45	U	0.44	U	0.13	U	0.14	U		

*** Validation Complete ***

UST 18
NAS PENSACOLA
SEDIMENTS

PEST											
	SAMPLE ID ------->	003-M-0001-01		003-N-0001-01		003-M-0002-01		003-M-0003-01			
	ORIGINAL ID ----->	003M000101		003N000101		003M000201		003M000301			
	LAB SAMPLE ID --->	746287		746279		746254		746283			
	ID FROM REPORT -->	03M000101		03N000101		03M000201		03M000301			
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		08/09/95			
	DATE EXTRACTED -->	08/11/95		08/11/95		08/11/95		08/11/95			
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00021	VAL	00021	VAL	00021	VAL	00021	VAL		
319-84-6	alpha-BHC	0.3	J	7.6	U	2.1	U	2.4	U		
319-85-7	beta-BHC	1.5	J	8.3	J	2.1	U	0.25	J		
319-86-8	delta-BHC	0.32	J	0.66	J	2.1	U	0.076	J		
58-89-9	gamma-BHC (Lindane)	0.22	J	0.44	J	2.1	U	2.4	U		
76-44-8	Heptachlor	0.64	J	7.6	U	0.044	J	2.4	U		
309-00-2	Aldrin	0.88	J	1.3	J	2.1	U	0.082	J		
1024-57-3	Heptachlor epoxide	1.5	J	1.4	J	2.1	U	1.4	J		
959-98-8	Endosulfan I	0.86	J	0.31	J	2.1	U	0.8	J		
60-57-1	Dieldrin	0.42	J	0.45	J	0.094	J	0.67	J		
72-55-9	4,4'-DDE	15.	U	1.1	J	4.1	U	0.56	J		
72-20-8	Endrin	0.78	J	0.42	J	4.1	U	4.7	U		
33213-65-9	Endosulfan II	15.	U	15.	U	4.1	U	4.7	U		
72-54-8	4,4'-DDD	2.5	J	6.1	J	4.1	U	0.66	J		
1031-07-8	Endosulfan sulfate	15.	U	0.69	J	4.1	U	0.34	J		
50-29-3	4,4'-DDT	0.36	J	0.51	J	4.1	U	4.7	U		
72-43-5	Methoxychlor	2.6	U	3.6	U	21.	U	4.7	U		
53494-70-5	Endrin ketone	0.36	J	0.41	J	4.1	U	4.7	U		
7421-93-4	Endrin aldehyde	2.3	J	0.42	J	4.1	U	0.23	J		
5103-71-9	alpha-Chlordane	0.35	J	0.97	J	2.1	U	0.1	J		
5103-74-2	gamma-Chlordane	1.8	J	1.7	J	2.1	U	0.084	J		
8001-35-2	Toxaphene	770.	U	760.	U	210.	U	240.	U		
12674-11-2	Aroclor-1016	150.	U	150.	U	41.	U	47.	U		
11104-28-2	Aroclor-1221	300.	U	300.	U	84.	U	96.	U		
11141-16-5	Aroclor-1232	150.	U	150.	U	41.	U	47.	U		
53469-21-9	Aroclor-1242	150.	U	150.	U	41.	U	47.	U		
12672-29-6	Aroclor-1248	150.	U	150.	U	41.	U	47.	U		
11097-69-1	Aroclor-1254	150.	U	150.	U	41.	U	47.	U		
11096-82-5	Aroclor-1260	150.	U	150.	U	41.	U	47.	U		

*** Validation Complete ***

UST 18
NAS PENSACOLA
SEDIMENTS

SVOA											
	SAMPLE ID ------->	003-M-0001-01		003-N-0001-01		003-M-0002-01		003-M-0003-01			
	ORIGINAL ID ----->	03M000101		003N000101		003M000201		003M000301			
	LAB SAMPLE ID --->	745287		746279		746254		746283			
	ID FROM REPORT -->	03M000101		03N000101		03M000201		03M000301			
	SAMPLE DATE ----->			08/09/95		08/09/95		08/09/95			
	DATE EXTRACTED -->	08/11/95		08/11/95		08/11/95		08/11/95			
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00021T	VAL	00021	VAL	00021	VAL	00021	VAL		
106-44-5	4-Methylphenol (p-Cresol)	1500.	U	1500.	U	410.	U	470.	U		
101-55-3	4-Bromophenyl-phenylether	1500.	U	1500.	U	410.	U	470.	U		
108-95-2	Phenol	1500.	U	1500.	U	410.	U	470.	U		
111-44-4	bis(2-Chloroethyl)ether	1500.	U	1500.	U	410.	U	470.	U		
95-57-8	2-Chlorophenol	1500.	U	1500.	U	410.	U	470.	U		
541-73-1	1,3-Dichlorobenzene	1500.	U	1500.	U	410.	U	470.	U		
106-46-7	1,4-Dichlorobenzene	1500.	U	1500.	U	410.	U	470.	U		
95-50-1	1,2-Dichlorobenzene	1500.	U	1500.	U	410.	U	470.	U		
95-48-7	2-Methylphenol (o-Cresol)	1500.	U	1500.	U	410.	U	470.	U		
621-64-7	N-Nitroso-di-n-propylamine	1500.	U	1500.	U	410.	U	470.	U		
67-72-1	Hexachloroethane	1500.	U	1500.	U	410.	U	470.	U		
98-95-3	Nitrobenzene	1500.	U	1500.	U	410.	U	470.	U		
78-59-1	Isophorone	1500.	U	1500.	U	410.	U	470.	U		
88-75-5	2-Nitrophenol	1500.	U	1500.	U	410.	U	470.	U		
105-67-9	2,4-Dimethylphenol	1500.	U	1500.	U	410.	U	470.	U		
111-91-1	bis(2-Chloroethoxy)methane	1500.	U	1500.	U	410.	U	470.	U		
120-83-2	2,4-Dichlorophenol	1500.	U	1500.	U	410.	U	470.	U		
120-82-1	1,2,4-Trichlorobenzene	1500.	U	1500.	U	410.	U	470.	U		
91-20-3	Naphthalene	7500.		11000.		410.	U	470.	U		
106-47-8	4-Chloroaniline	1500.	U	1500.	U	410.	U	470.	U		
87-68-3	Hexachlorobutadiene	1500.	U	1500.	U	410.	U	470.	U		
59-50-7	4-Chloro-3-methylphenol	1500.	U	1500.	U	410.	U	470.	U		
91-57-6	2-Methylnaphthalene	4800.		6900.		410.	U	470.	U		
77-47-4	Hexachlorocyclopentadiene	1500.	U	1500.	U	410.	U	470.	U		
88-06-2	2,4,6-Trichlorophenol	1500.	U	1500.	U	410.	U	470.	U		
95-95-4	2,4,5-Trichlorophenol	3600.	U	3600.	U	1000.	U	1100.	U		
91-58-7	2-Chloronaphthalene	1500.	U	1500.	U	410.	U	470.	U		
88-74-4	2-Nitroaniline	3600.	U	3600.	U	1000.	U	1100.	U		
131-11-3	Dimethyl phthalate	1500.	U	1500.	U	410.	U	470.	U		
606-20-2	2,6-Dinitrotoluene	1500.	U	1500.	U	410.	U	470.	U		
208-96-8	Acenaphthylene	1500.	U	1500.	U	410.	U	470.	U		
99-09-2	3-Nitroaniline	3600.	U	3600.	U	1000.	U	1100.	U		
83-32-9	Acenaphthene	1500.	U	1500.	U	410.	U	470.	U		
51-28-5	2,4-Dinitrophenol	3600.	U	3600.	U	1000.	U	1100.	U		
100-02-7	4-Nitrophenol	3600.	U	3600.	U	1000.	U	1100.	U		
121-14-2	2,4-Dinitrotoluene	1500.	U	1500.	U	410.	U	470.	U		

*** Validation Complete ***

UST 18
NAS PENSACOLA
SEDIMENTS

SVOA									
	SAMPLE ID ------->	003-M-0001-01		003-N-0001-01		003-M-0002-01		003-M-0003-01	
	ORIGINAL ID ----->	03M000101		03N000101		03M000201		03M000301	
	LAB SAMPLE ID --->	745287		746279		746254		746283	
	ID FROM REPORT -->	03M000101		03N000101		03M000201		03M000301	
	SAMPLE DATE ----->			08/09/95		08/09/95		08/09/95	
	DATE EXTRACTED -->	08/11/95		08/11/95		08/11/95		08/11/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00021	VAL	00021	VAL	00021	VAL	00021	VAL
132-64-9	Dibenzofuran	1500.	U	1500.	U	410.	U	470.	U
84-66-2	Diethylphthalate	1500.	U	1500.	U	410.	U	470.	U
7005-72-3	4-Chlorophenylphenylether	1500.	U	1500.	U	410.	U	470.	U
86-73-7	Fluorene	1500.	U	1500.	U	410.	U	470.	U
100-01-6	4-Nitroaniline	3600.	U	3600.	U	1000.	U	1100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	3600.	U	1000.	U	1100.	U
86-30-6	N-Nitrosodiphenylamine	1500.	U	1500.	U	410.	U	470.	U
118-74-1	Hexachlorobenzene	1500.	U	1500.	U	410.	U	470.	U
87-86-5	Pentachlorophenol	3600.	U	3600.	U	1000.	U	1100.	U
85-01-8	Phenanthrene	1500.	U	1500.	U	410.	U	470.	U
120-12-7	Anthracene	1500.	U	1500.	U	410.	U	470.	U
84-74-2	Di-n-butylphthalate	1500.	U	1500.	U	410.	U	470.	U
206-44-0	Fluoranthene	1500.	U	1500.	U	410.	U	470.	U
129-00-0	Pyrene	1500.	U	1500.	U	410.	U	470.	U
85-68-7	Butylbenzylphthalate	1500.	U	1500.	U	410.	U	470.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1500.	U	1500.	U	410.	U	470.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1500.	U	410.	U	470.	U
56-55-3	Benzo(a)anthracene	1500.	U	1500.	U	410.	U	470.	U
218-01-9	Chrysene	1500.	U	1500.	U	410.	U	470.	U
117-84-0	Di-n-octyl phthalate	1500.	U	1500.	U	410.	U	470.	U
205-99-2	Benzo(b)fluoranthene	1500.	U	1500.	U	410.	U	470.	U
207-08-9	Benzo(k)fluoranthene	1500.	U	1500.	U	410.	U	470.	U
50-32-8	Benzo(a)pyrene	1500.	U	1500.	U	410.	U	470.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1500.	U	1500.	U	410.	U	470.	U
53-70-3	Dibenz(a,h)anthracene	1500.	U	1500.	U	410.	U	470.	U
191-24-2	Benzo(g,h,i)perylene	1500.	U	1500.	U	410.	U	470.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1500.	U	1500.	U	410.	U	470.	U
86-74-8	Carbazole	1500.	U	1500.	U	410.	U	470.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SEDIMENTS

TOC											
	SAMPLE ID ------->	003-M-0001-01		003-N-0001-01		003-M-0002-01		003-M-0003-01			
	ORIGINAL ID ----->	003M000101		003N000101		003M000201		003M000301			
	LAB SAMPLE ID --->	746290		746282		746275		746286			
	ID FROM REPORT -->	003M000101		003N000101		003M000201		003M000301			
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		08/09/95			
	DATE ANALYZED --->	08/31/95		08/31/95		08/31/95		08/31/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg			
CAS #	Parameter	31199.27	VAL	31199.27	VAL	31199.27	VAL	31199.27	VAL		
9999900-01-4	Total Organic Carbon (TOC)	39400.	U	37300.	U	5520.	U	8910.	U		

*** Validation Complete ***

UST 18
NAS PENSACOLA
SEDIMENTS

TPH											
	SAMPLE ID ------->	003-M-0001-01		003-N-0001-01		003-M-0002-01		003-M-0003-01			
	ORIGINAL ID ----->	003M000101		003N000101		003M000201		003M000301			
	LAB SAMPLE ID --->	746289		746281		746266		746285			
	ID FROM REPORT -->	003M000101		003N000101		003M000201		003M000301			
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		08/09/95			
	DATE EXTRACTED -->	08/27/95		08/27/95		08/27/95		08/27/95			
	DATE ANALYZED --->	08/29/95		08/29/95		08/29/95		08/29/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	31199.26	VAL	31199.26	VAL	31199.26	VAL	31199.26	VAL		
9999900-02-4	Petroleum Hydrocarbons, TPH	9800.		9220.		24.8		500.			

*** Validation Complete ***

UST 18
NAS PENSACOLA
SEDIMENTS

VOA									
	SAMPLE ID ------->	003-M-0001-01		003-N-0001-01		003-M-0002-01		003-M-0003-01	
	ORIGINAL ID ----->	003M000101		003N000101		003M000201		003M000301	
	LAB SAMPLE ID --->	746287		746279		746254		746283	
	ID FROM REPORT -->	03M000101		03N000101		03M000201		03M000301	
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		08/09/95	
	DATE ANALYZED --->	08/15/95		08/15/95		08/15/95		08/15/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00021	VAL	00021	VAL	00021	VAL	00021	VAL
74-87-3	Chloromethane	45.	U	45.	U	13.	U	14.	U
74-83-9	Bromomethane	45.	U	45.	U	13.	U	14.	U
75-01-4	Vinyl chloride	45.	U	45.	U	13.	U	14.	U
75-00-3	Chloroethane	45.	U	45.	U	13.	U	14.	U
75-09-2	Methylene chloride	170.	U	66.	U	21.	U	29.	U
67-64-1	Acetone	78.	U	64.	U	12.	U	14.	U
75-15-0	Carbon disulfide	45.	U	45.	U	13.	U	14.	U
75-35-4	1,1-Dichloroethylene	45.	U	45.	U	13.	U	14.	U
75-34-3	1,1-Dichloroethane	45.	U	45.	U	13.	U	14.	U
540-59-0	1,2-Dichloroethene (total)	9.	J	45.	U	13.	U	14.	U
67-66-3	Chloroform	45.	U	45.	U	13.	U	14.	U
107-06-2	1,2-Dichloroethane	45.	U	45.	U	13.	U	14.	U
78-93-3	2-Butanone (MEK)	45.	U	45.	U	13.	U	14.	U
71-55-6	1,1,1-Trichloroethane	45.	U	45.	U	13.	U	14.	U
56-23-5	Carbon tetrachloride	45.	U	45.	U	13.	U	14.	U
75-27-4	Bromodichloromethane	45.	U	45.	U	13.	U	14.	U
78-87-5	1,2-Dichloropropane	45.	U	45.	U	13.	U	14.	U
10061-01-5	cis-1,3-Dichloropropene	45.	U	45.	U	13.	U	14.	U
79-01-6	Trichloroethene	45.	U	45.	U	13.	U	14.	U
124-48-1	Dibromochloromethane	45.	U	45.	U	13.	U	14.	U
79-00-5	1,1,2-Trichloroethane	45.	U	45.	U	13.	U	14.	U
71-43-2	Benzene	120.		45.	U	13.	U	14.	U
10061-02-6	trans-1,3-Dichloropropene	45.	U	45.	U	13.	U	14.	U
75-25-2	Bromoform	45.	U	45.	U	13.	U	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	45.	U	45.	U	13.	U	14.	U
591-78-6	2-Hexanone	45.	U	45.	U	13.	U	14.	U
127-18-4	Tetrachloroethene	45.	U	45.	U	13.	U	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	45.	U	45.	U	13.	U	14.	U
108-88-3	Toluene	200.		89.		13.	U	14.	U
108-90-7	Chlorobenzene	45.	U	45.	U	13.	U	14.	U
100-41-4	Ethylbenzene	290.		97.		13.	U	14.	U
100-42-5	Styrene	45.	U	45.	U	13.	U	14.	U
1330-20-7	Xylene (Total)	2000.		810.		13.	U	14.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

AROM VOA													
	SAMPLE ID ------->	003-S-0001-02		003-S-0002-04		003-S-0003-02		003-S-0004-02		003-S-0005-01		003-S-0006-01	
	ORIGINAL ID ----->	003S000102		003S000204		003S000302		003S000402		003S000501		003S000601	
	LAB SAMPLE ID --->	744243		744247		744254		744258		744262		744267	
	ID FROM REPORT -->	03S000102		03S000204		03S000302		03S000402		03S000501		03S000601	
	SAMPLE DATE ----->	08/01/95				08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/04/95		08/04/95		08/04/95		08/04/95		08/04/95		08/04/95	
	DATE ANALYZED --->	08/10/95		08/10/95		08/09/95		08/10/95		08/10/95		08/10/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL
1634-04-4	Methyl tert-butyl ether	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
71-43-2	Benzene	27.		1.5	U	1.6	U	1.5	U	1.6	U	38.	J
108-88-3	Toluene	7.2	U	5.8	U	6.	U	5.7	U	6.	U	830.	J
108-90-7	Chlorobenzene	89.	J	2.	U	2.	U	1.9	U	2.	U	470.	J
100-41-4	Ethylbenzene	220.	J	2.	U	2.	U	1.9	U	2.	U	7400.	J
95-47-6	o-Xylene	430.	J	6.6	J	1.3	U	1.3	U	1.3	U	350.	J
100-42-5	Styrene	160.	J	4.9		1.7	U	1.6	U	1.7	U	4800.	J
541-73-1	1,3-Dichlorobenzene	170.	J	4.2		2.	U	1.9	U	4.7	U	8900.	J
106-46-7	1,4-Dichlorobenzene	2200.	J	12.		2.	U	1.9	U	2.6	U	5000.	J
95-50-1	1,2-Dichlorobenzene	15000.	J	13.	P	1.6	U	1.5	U	2.6	U	19000.	J
106-42-3	p-Xylene	170.	J	NR		NR		NR		NR		NR	
108-38-3	m-Xylene	170.	J	NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	3.5	U	3.5	U	3.6	U	3.4	U	3.6	U	3.4	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

AROM VOA													
	SAMPLE ID ------->	003-S-0007-04		003-S-0008-02		003-S-0009-02		003-S-0010-02		003-C-0010-02		003-S-0011-02	
	ORIGINAL ID ----->	003S000704		003S000802		003S000902		003S001002		003C001002		003S001102	
	LAB SAMPLE ID --->	744268		744275M		744279		744283		744289		744293	
	ID FROM REPORT -->	03S000704		03S000802		03S000902		03S001002		03C001002		03S001102	
	SAMPLE DATE ----->			08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/04/95		08/28/95		08/04/95		08/04/95		08/04/95		08/04/95	
	DATE ANALYZED --->	08/10/95		08/28/95		08/10/95		08/10/95		08/11/95		08/12/95	
	MATRIX ---------->	Soil		Water		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00018	VAL	0018M	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL
1634-04-4	Methyl tert-butyl ether	0.11	J	14000.	U	12.	U	12.	U	13.	U	12.	U
71-43-2	Benzene	0.48	J	950.	U	1.6	U	1.5	U	1.6	U	1.5	U
108-88-3	Toluene	2.6	U	1200.	J	6.	U	13.		2.6	U	5.6	U
108-90-7	Chlorobenzene	49.	J	3800.		2.	U	170.	J	37.	J	1.9	U
100-41-4	Ethylbenzene	110.	J	540.	U	2.4	J	160.	J	2.	U	1.9	U
95-47-6	o-Xylene	140.	J	10000.		18.	J	400.	J	89.	J	1.3	U
100-42-5	Styrene	86.	J	3100.		10.	J	120.	J	29.	J	1.6	U
541-73-1	1,3-Dichlorobenzene	240.	J	20000.		36.	J	780.	J	160.	J	1.9	U
106-46-7	1,4-Dichlorobenzene	2500.	J	4900.		140.	J	550.	J	120.	J	1.9	U
95-50-1	1,2-Dichlorobenzene	500.	J	28000.		5.4	J	17000.	J	190.	J	1.5	U
106-42-3	p-Xylene	15.		NR		NR		25.	J	5.7		NR	
108-38-3	m-Xylene	15.		NR		NR		25.	J	5.7		NR	
1330-20-7	Xylene (Total)	3.4	U	1400.	U	3.6	U	3.5	U	3.6	U	3.4	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

AROM VOA													
	SAMPLE ID ------->	003-S-0012-04		003-S-0013-04		003-S-0014-02		003-S-0015-03		003-S-0016-03		003-S-0017-05	
	ORIGINAL ID ----->	003S001204		003S001304		003S001402		003S001503		003S001603		003S001705	
	LAB SAMPLE ID --->	744306		744313		744323M		744892		744913		744916	
	ID FROM REPORT -->	03S001204		03S001304		03S001402		03S001503		03S001603		03S001705	
	SAMPLE DATE ----->					08/01/95		08/02/95		08/02/95			
	DATE EXTRACTED -->	08/04/95		08/04/95		08/28/95		08/07/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/11/95		08/11/95		08/29/95		08/11/95		08/11/95		08/11/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00018	VAL	00018	VAL	0018M	VAL	00018	VAL	00018	VAL	00018	VAL
1634-04-4	Methyl tert-butyl ether	12.	U	12.	U	6800.	U	11.	U	12.	U	12.	U
71-43-2	Benzene	1.5	U	1.6	U	480.	U	4.1		1.5	U	1.5	U
108-88-3	Toluene	5.6	U	5.9	U	1000.		32.	J	5.8	U	5.6	U
108-90-7	Chlorobenzene	1.9	U	2.	U	2200.		150.		2.	U	1.9	U
100-41-4	Ethylbenzene	1.9	U	2.	U	3500.		1.9	U	2.	U	1.9	U
95-47-6	o-Xylene	1.3	U	1.3	U	460.		250.	J	1.3	U	1.3	U
100-42-5	Styrene	1.6	U	1.7	U	460.		130.	J	1.6	U	1.6	U
541-73-1	1,3-Dichlorobenzene	1.9	U	2.9	U	4400.		820.		2.	U	1.9	U
106-46-7	1,4-Dichlorobenzene	2.3	U	3.6	U	15000.		720.		2.	U	1.9	U
95-50-1	1,2-Dichlorobenzene	1.5	U	4.3	U	1400.		20000.		1.5	U	1.5	U
106-42-3	p-Xylene	NR		NR		8300.		15.		NR		NR	
108-38-3	m-Xylene	NR		NR		8300.		15.		NR		NR	
1330-20-7	Xylene (Total)	3.4	U	3.6	U	NR		3.3	U	3.5	U	3.4	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

AROM VOA													
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-05	
	ORIGINAL ID ----->	003S001803		003S001902		03S002003		03C002003		03S002103		03S002205	
	LAB SAMPLE ID --->	744921		744925M		744936		744962		744972		744983	
	ID FROM REPORT -->	03S001803		03S001902		03S002003		03C002003		03S002103		03S002205	
	SAMPLE DATE ----->	08/02/95		08/02/95									
	DATE EXTRACTED -->	08/07/95		08/28/95		08/07/95		08/07/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/11/95		08/29/95		08/12/95		08/16/95		08/16/95		08/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00018	VAL	0018M	VAL	00126	VAL	00126	VAL	00126	VAL	00126	VAL
1634-04-4	Methyl tert-butyl ether	12.	U	6700.	U	12.	U	12.	U	13.	U	12.	U
71-43-2	Benzene	1.5	U	470.	U	1.5	U	1.5	U	1.6	U	1.5	U
108-88-3	Toluene	5.7	U	1300.		5.6	U	5.6	U	6.2	U	5.6	U
108-90-7	Chlorobenzene	1.9	U	2000.		1.9	U	1.9	U	2.1	U	1.9	U
100-41-4	Ethylbenzene	1.9	U	2400.		1.9	U	1.9	U	2.1	U	1.9	U
95-47-6	o-Xylene	1.3	U	2300.		1.3	U	1.3	U	1.4	U	1.3	U
100-42-5	Styrene	1.6	U	1300.		1.6	U	1.6	U	1.7	U	1.6	U
541-73-1	1,3-Dichlorobenzene	1.9	U	7500.		8.2		1.9	U	2.1	U	3.1	
106-46-7	1,4-Dichlorobenzene	1.9	U	4000.		17.		1.9	U	2.1	U	16.	
95-50-1	1,2-Dichlorobenzene	1.5	U	11000.		6.7		2.6		1.6	U	3.9	
106-42-3	p-Xylene	NR		NR		NR		NR		NR		NR	
108-38-3	m-Xylene	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	3.4	U	670.	U	3.4	U	3.4	U	3.7	U	3.4	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

AROM VOA													
	SAMPLE ID ------->	003-S-0023-03		003-S-0024-03		003-S-0025-03		003-S-0026-05		003-S-0027-05		003-S-0028-05	
	ORIGINAL ID ----->	03S002303		03S002403		03S002503		03S002605		03S002705		03S002805	
	LAB SAMPLE ID --->	744987		744991		745437		744994		745001		745601	
	ID FROM REPORT -->	03S002303		03S002403		03S002503		03S002605		03S002705		03S002805	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/07/95		08/07/95		08/09/95		08/07/95		08/07/95		08/09/95	
	DATE ANALYZED --->	08/16/95		08/12/95		08/17/95		08/17/95		08/17/95		08/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00126	VAL	00126	VAL	00126	VAL	00126	VAL	00126	VAL	00126	VAL
1634-04-4	Methyl tert-butyl ether	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
71-43-2	Benzene	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
108-88-3	Toluene	5.8	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
108-90-7	Chlorobenzene	2.	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
100-41-4	Ethylbenzene	2.	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
95-47-6	o-Xylene	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
100-42-5	Styrene	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
541-73-1	1,3-Dichlorobenzene	2.	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
106-46-7	1,4-Dichlorobenzene	2.	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
106-42-3	p-Xylene	NR		NR		NR		NR		NR		NR	
108-38-3	m-Xylene	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	3.5	U	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U

*** Validation complete ***

UST 18
NAS PENSACOLA
SOIL

AROM VOA													
	SAMPLE ID ------->	003-S-0029-03		003-S-0030-02		003-S-0031-02		003-S-0032-02		003-S-0033-02		003-S-0034-02	
	ORIGINAL ID ----->	03S002903		03S003002		03S003102		03S003202		03S003302		03S003402	
	LAB SAMPLE ID --->	745486		747210		747224		747230		747234		747238	
	ID FROM REPORT -->	03S002903		03S003002		03S003102		03S003202		03S003302		03S003402	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/09/95		08/16/95		08/16/95		08/16/95		08/16/95		08/16/95	
	DATE ANALYZED --->	08/17/95		08/18/95		08/18/95		08/18/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00126	VAL	00162	VAL	00162	VAL	00162	VAL	00162	VAL	00162	VAL
1634-04-4	Methyl tert-butyl ether	12.	U	13.	U	11.	U	14.	U	13.	U	67.	U
71-43-2	Benzene	1.5	U	1.6	U	1.5	U	1.8	U	1.7	U	8.5	U
108-88-3	Toluene	5.6	U	6.1	U	5.5	U	6.9	U	6.5	U	32.	U
108-90-7	Chlorobenzene	1.9	U	2.1	U	1.9	U	2.3	U	2.2	U	46.	
100-41-4	Ethylbenzene	1.9	U	2.1	U	1.9	U	2.3	U	2.2	U	11.	U
95-47-6	o-Xylene	1.3	U	1.4	U	1.3	U	1.6	U	1.5	U	34.	
100-42-5	Styrene	1.6	U	1.7	U	1.6	U	1.9	U	1.8	U	80.	
541-73-1	1,3-Dichlorobenzene	1.9	U	2.1	U	1.9	U	2.3	U	2.2	U	150.	
106-46-7	1,4-Dichlorobenzene	1.9	U	2.1	U	1.9	U	2.3	U	2.2	U	230.	
95-50-1	1,2-Dichlorobenzene	1.5	U	1.6	U	1.5	U	1.8	U	1.7	U	540.	
106-42-3	p-Xylene	NR		NR		NR		NR		NR		NR	
108-38-3	m-Xylene	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	3.4	U	NR		NR		NR		NR		NR	
9999900-02-9	Xylenes (Total)	NR		3.7	U	3.3	U	4.2	U	3.9	U	20.	U

*** Validation complete ***

UST 18
NAS PENSACOLA
SOIL

HAL VOA						
SAMPLE ID ------->	003-S-0001-02	003-S-0002-04	003-S-0003-02	003-S-0004-02	003-S-0005-01	003-S-0006-01
ORIGINAL ID ----->	003S000102	003S000204	003S000302	003S000402	003S000501	003S000601
LAB SAMPLE ID --->	744243	744247	744254	744258	744262	744267
ID FROM REPORT -->	03S000102	03S000204	03S000302	03S000402	03S000501	03S000601
SAMPLE DATE ----->	08/01/95		08/01/95	08/01/95	08/01/95	08/01/95
DATE EXTRACTED -->	08/04/95	08/04/95	08/04/95	08/04/95	08/04/95	08/04/95
DATE ANALYZED --->	08/10/95	08/10/95	08/09/95	08/10/95	08/10/95	08/10/95
MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL
74-87-3	Chloromethane	2.7	U	2.7	U	2.8	U	2.7	U	2.8	U	2.7	U
75-01-4	Vinyl chloride	2.8	U	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U
74-83-9	Bromomethane	3.	U	3.	U	3.1	U	3.	U	3.1	U	3.	U
75-00-3	Chloroethane	2.8	U	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U
75-35-4	1,1-Dichloroethylene	0.92	U	0.92	U	0.96	U	0.91	U	0.96	U	0.9	U
75-09-2	Methylene chloride	3.4	U	3.4	U	5.	B	3.3	U	3.5	U	3.5	U
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
75-34-3	1,1-Dichloroethane	0.82	U	0.82	U	0.84	U	0.81	U	0.84	U	0.8	U
67-66-3	Chloroform	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
74-97-5	Chlorobromomethane	0.98	U	0.98	U	1.	U	0.97	U	1.	U	0.96	U
71-55-6	1,1,1-Trichloroethane	2.9	U	2.9	U	3.	U	2.9	U	3.	U	2.9	U
56-23-5	Carbon tetrachloride	0.71	U	0.71	U	0.73	U	0.7	U	0.73	U	0.69	U
107-06-2	1,2-Dichloroethane	0.71	U	0.71	U	0.73	U	0.7	U	0.73	U	0.69	U
79-01-6	Trichloroethene	0.87	U	0.87	U	0.9	U	0.86	U	0.9	U	0.85	U
78-87-5	1,2-Dichloropropane	0.71	U	0.71	U	0.73	U	0.7	U	0.73	U	0.69	U
75-27-4	Bromodichloromethane	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
74-95-3	Methylene bromide	0.98	U	0.98	U	1.	U	0.97	U	1.	U	0.96	U
110-75-8	2-Chloroethyl vinyl ether	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.1	U	1.	U	1.1	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	0.92	U	0.92	U	0.96	U	0.91	U	0.96	U	0.9	U
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	U	0.96	U	0.91	U	0.96	U	0.9	U
127-18-4	Tetrachloroethene	0.87	U	0.87	U	0.9	U	0.86	U	0.9	U	1.2	U
124-48-1	Dibromochloromethane	0.87	U	0.87	U	0.9	U	0.86	U	0.9	U	0.85	U
106-93-4	1, 2-Dibromoethane	1.4	U	1.4	U	1.5	U	1.4	U	1.5	U	1.4	U
108-90-7	Chlorobenzene	0.98	U	0.98	U	1.	U	0.97	U	1.	U	0.96	U
630-20-6	1,1,1,2-Tetrachloroethane	0.98	U	0.98	U	1.	U	0.97	U	1.	U	0.96	U
75-25-2	Bromoform	0.98	U	0.98	U	1.	U	0.97	U	1.	U	0.96	U
79-34-5	1,1,2,2-Tetrachloroethane	0.65	U	0.65	U	0.67	U	0.65	U	0.67	U	0.64	U
96-18-4	1,2,3-Trichloropropane	0.98	U	0.98	U	1.	U	0.97	U	1.	U	0.96	U
108-86-1	Bromobenzene	0.82	U	0.82	U	0.84	U	0.81	U	0.84	U	0.8	U
95-49-8	o-Chlorotoluene	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
106-43-4	p-Chlorotoluene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

HAL VOA													
	SAMPLE ID ------->	003-S-0007-04		003-S-0008-02		003-S-0009-02		003-S-0010-02		003-C-0010-02		003-S-0011-02	
	ORIGINAL ID ----->	003S000704		003S000802		003S000902		003S001002		003C001002		003S001102	
	LAB SAMPLE ID --->	744268		744275		744279		744283		744289		744293	
	ID FROM REPORT -->	03S000704		03S000802		03S000902		03S001002		03C001002		03S001102	
	SAMPLE DATE ----->			08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/04/95		08/04/95		08/04/95		08/04/95		08/04/95		08/04/95	
	DATE ANALYZED --->	08/10/95		08/10/95		08/10/95		08/10/95		08/13/95		08/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL
74-87-3	Chloromethane	2.7	U	2.7	U	2.8	U	2.7	U	2.8	U	2.7	U
75-01-4	Vinyl chloride	2.8	U	2.8	U	2.9	U	2.9	U	3.	U	2.8	U
74-83-9	Bromomethane	3.	U	3.	U	3.1	U	3.1	U	3.2	U	3.	U
75-00-3	Chloroethane	2.8	U	2.8	U	2.9	U	2.9	U	3.	U	2.8	U
75-35-4	1,1-Dichloroethylene	0.9	U	0.92	U	0.96	U	0.93	U	0.97	U	0.9	U
75-09-2	Methylene chloride	3.3	U	4.5	U	3.5	U	3.4	U	3.5	U	3.3	U
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
75-34-3	1,1-Dichloroethane	0.8	U	0.82	U	0.84	U	0.82	U	0.85	U	0.8	U
67-66-3	Chloroform	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
74-97-5	Chlorobromomethane	0.96	U	0.98	U	1.	U	0.99	U	1.	U	0.96	U
71-55-6	1,1,1-Trichloroethane	2.9	U	2.9	U	3.	U	3.	U	3.1	U	2.9	U
56-23-5	Carbon tetrachloride	0.69	U	0.71	U	0.73	U	0.71	U	0.74	U	0.69	U
107-06-2	1,2-Dichloroethane	0.69	U	0.71	U	0.73	U	0.71	U	0.74	U	0.69	U
79-01-6	Trichloroethene	0.85	U	0.87	U	0.9	U	0.88	U	0.91	U	0.85	U
78-87-5	1,2-Dichloropropane	0.69	U	0.71	U	0.73	U	0.71	U	0.74	U	0.69	U
75-27-4	Bromodichloromethane	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
74-95-3	Methylene bromide	0.96	U	0.98	U	1.	U	0.99	U	1.	U	0.96	U
110-75-8	2-Chloroethyl vinyl ether	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.1	U	1.	U	1.1	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	0.9	U	0.92	U	0.96	U	0.93	U	0.97	U	0.9	U
79-00-5	1,1,2-Trichloroethane	0.9	U	0.92	U	0.96	U	0.93	U	0.97	U	0.9	U
127-18-4	Tetrachloroethene	0.85	U	1.8	U	0.9	U	0.88	U	0.91	U	0.85	U
124-48-1	Dibromochloromethane	0.85	U	0.87	U	0.9	U	0.88	U	0.91	U	0.85	U
106-93-4	1, 2-Dibromoethane	1.4	U	1.4	U	1.5	U	1.4	U	1.5	U	1.4	U
108-90-7	Chlorobenzene	0.96	U	0.98	U	1.	U	0.99	U	1.	U	0.96	U
630-20-6	1,1,1,2-Tetrachloroethane	0.96	U	0.98	U	1.	U	0.99	U	1.	U	0.96	U
75-25-2	Bromoform	0.96	U	0.98	U	1.	U	0.99	U	1.	U	0.96	U
79-34-5	1,1,2,2-Tetrachloroethane	0.64	U	0.65	U	0.67	U	0.66	U	0.68	U	0.64	U
96-18-4	1,2,3-Trichloropropane	0.96	U	0.98	U	1.	U	0.99	U	1.	U	0.96	U
108-86-1	Bromobenzene	0.8	U	0.82	U	0.84	U	0.82	U	0.85	U	0.8	U
95-49-8	o-Chlorotoluene	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
106-43-4	p-Chlorotoluene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

HAL VOA						
SAMPLE ID ------->	003-S-0012-04	003-S-0013-04	003-S-0014-02	003-S-0015-03	003-S-0016-03	003-S-0017-05
ORIGINAL ID ----->	003S001204	003S001304	003S001402	003S001503	003S001603	003S001705
LAB SAMPLE ID --->	744306	744313	744323	744892	744913	744916
ID FROM REPORT -->	03S001204	03S001304	03S001402	03S001503	03S001603	03S001705
SAMPLE DATE ----->			08/01/95	08/02/95	08/02/95	
DATE EXTRACTED -->	08/04/95	08/04/95	08/04/95	08/07/95	08/07/95	08/07/95
DATE ANALYZED --->	08/11/95	08/11/95	08/11/95	08/11/95	08/11/95	08/11/95
MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL	00018	VAL
74-87-3	Chloromethane	2.7	U	2.8	U	2.7	U	2.6	U	2.7	U	2.7	U
75-01-4	Vinyl chloride.	2.8	U	2.9	U	2.8	U	2.7	U	2.9	U	2.8	U
74-83-9	Bromomethane	3.	U	3.1	U	3.	U	2.9	U	3.1	U	3.	U
75-00-3	Chloroethane	2.8	U	2.9	U	2.8	U	2.7	U	2.9	U	2.8	U
75-35-4	1,1-Dichloroethylene	0.9	U	0.94	U	0.92	U	0.89	U	0.93	U	0.9	U
75-09-2	Methylene chloride	3.3	U	3.4	U	3.4	U	3.2	U	3.4	U	3.3	U
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U
75-34-3	1,1-Dichloroethane	0.8	U	0.83	U	0.82	U	0.78	U	0.82	U	0.8	U
67-66-3	Chloroform	1.1	U	1.1	U	1.1	U	1.	U	1.1	U	1.1	U
74-97-5	Chlorobromomethane	0.96	U	1.	U	0.98	U	0.94	U	0.99	U	0.96	U
71-55-6	1,1,1-Trichloroethane	2.9	U	3.	U	2.9	U	2.8	U	3.	U	2.9	U
56-23-5	Carbon tetrachloride	0.69	U	0.72	U	0.71	U	0.68	U	0.71	U	0.69	U
107-06-2	1,2-Dichloroethane	0.69	U	0.72	U	0.71	U	0.68	U	0.71	U	0.69	U
79-01-6	Trichloroethene	0.85	U	0.89	U	0.87	U	0.83	U	0.88	U	0.85	U
78-87-5	1,2-Dichloropropane	0.69	U	0.72	U	0.71	U	0.68	U	0.71	U	0.69	U
75-27-4	Bromodichloromethane	1.1	U	1.1	U	1.1	U	1.	U	1.1	U	1.1	U
74-95-3	Methylene bromide	0.96	U	1.	U	0.98	U	0.94	U	0.99	U	0.96	U
110-75-8	2-Chloroethyl vinyl ether	1.2	U	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.1	U	1.	U	0.99	U	1.	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	0.9	U	0.94	U	0.92	U	0.89	U	0.93	U	0.9	U
79-00-5	1,1,2-Trichloroethane	0.9	U	0.94	U	0.92	U	0.89	U	0.93	U	0.9	U
127-18-4	Tetrachloroethene	0.85	U	0.89	U	0.87	U	0.83	U	0.88	U	0.85	U
124-48-1	Dibromochloromethane	0.85	U	0.89	U	0.87	U	0.83	U	0.88	U	0.85	U
106-93-4	1, 2-Dibromoethane	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
108-90-7	Chlorobenzene	0.96	U	1.	U	0.98	U	0.94	U	0.99	U	0.96	U
630-20-6	1,1,1,2-Tetrachloroethane	0.96	U	1.	U	0.98	U	0.94	U	0.99	U	0.96	U
75-25-2	Bromoform	0.96	U	1.	U	0.98	U	0.94	U	0.99	U	0.96	U
79-34-5	1,1,2,2-Tetrachloroethane	0.64	U	0.67	U	0.65	U	0.63	U	0.66	U	0.64	U
96-18-4	1,2,3-Trichloropropane	0.96	U	1.	U	0.98	U	0.94	U	0.99	U	0.96	U
108-86-1	Bromobenzene	0.8	U	0.83	U	0.82	U	0.78	U	0.82	U	0.8	U
95-49-8	o-Chlorotoluene	1.1	U	1.1	U	1.1	U	1.	U	1.1	U	1.1	U
106-43-4	p-Chlorotoluene	1.2	U	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U
106-46-7	1,4-Dichlorobenzene	1.5	U	1.6	U	1.5	U	1.5	U	1.5	U	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U	1.6	U	1.5	U	1.5	U	1.5	U	1.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

HAL VOA															
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-05	
	ORIGINAL ID ----->	003S001803		003S001902		03S002003		03C002003		03S002103		03S002205	
	LAB SAMPLE ID --->	744921		744925		744936		744962		744972		744983	
	ID FROM REPORT -->	03S001803		03S001902		03S002003		03C002003		03S002103		03S002205	
	SAMPLE DATE ----->	08/02/95		08/02/95									
	DATE EXTRACTED -->	08/07/95		08/07/95		08/07/95		08/07/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/11/95		08/11/95		08/12/95		08/12/95		08/12/95		08/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00018	VAL	00018	VAL	00126	VAL	00126	VAL	00126	VAL	00126	VAL
74-87-3	Chloromethane	2.7	U	2.7	U	2.7	U	2.7	U	2.9	U	2.7	U
75-01-4	Vinyl chloride	2.8	U	2.8	U	2.8	U	2.8	U	3.	U	2.8	U
74-83-9	Bromomethane	3.	U	3.	U	3.	U	3.	U	3.3	U	3.	U
75-00-3	Chloroethane	2.8	U	2.8	U	2.8	U	2.8	U	3.	U	2.8	U
75-35-4	1,1-Dichloroethylene	0.91	U	0.91	U	0.9	U	0.9	U	0.99	U	0.9	U
75-09-2	Methylene chloride	3.3	U	3.3	U	3.3	U	3.3	U	3.6	U	4.3	B
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.2	U
75-34-3	1,1-Dichloroethane	0.81	U	0.81	U	0.8	U	0.8	U	0.87	U	0.8	U
67-66-3	Chloroform	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
74-97-5	Chlorobromomethane	0.97	U	0.97	U	0.96	U	0.96	U	1.	U	0.96	U
71-55-6	1,1,1-Trichloroethane	2.9	U	2.9	U	2.9	U	2.9	U	3.1	U	2.9	U
56-23-5	Carbon tetrachloride	0.7	U	0.7	U	0.69	U	0.69	U	0.76	U	0.69	U
107-06-2	1,2-Dichloroethane	0.7	U	0.7	U	0.69	U	0.69	U	0.76	U	0.69	U
79-01-6	Trichloroethene	0.86	U	0.86	U	0.85	U	0.85	U	0.93	U	0.85	U
78-87-5	1,2-Dichloropropane	0.7	U	0.7	U	0.69	U	0.69	U	0.76	U	0.69	U
75-27-4	Bromodichloromethane	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
74-95-3	Methylene bromide	0.97	U	0.97	U	0.96	U	0.96	U	1.	U	0.96	U
110-75-8	2-Chloroethyl vinyl ether	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.1	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	U	0.9	U	0.9	U	0.99	U	0.9	U
79-00-5	1,1,2-Trichloroethane	0.91	U	0.91	U	0.9	U	0.9	U	0.99	U	0.9	U
127-18-4	Tetrachloroethene	0.86	U	0.86	U	0.85	U	0.85	U	0.93	U	0.85	U
124-48-1	Dibromochloromethane	0.86	U	0.86	U	0.85	U	0.85	U	0.93	U	0.85	U
106-93-4	1, 2-Dibromoethane	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U	1.4	U
108-90-7	Chlorobenzene	0.97	U	0.97	U	0.96	U	0.96	U	1.	U	0.96	U
630-20-6	1,1,1,2-Tetrachloroethane	0.97	U	0.97	U	0.96	U	0.96	U	1.	U	0.96	U
75-25-2	Bromoform	0.97	U	0.97	U	0.96	U	0.96	U	1.	U	0.96	U
79-34-5	1,1,2,2-Tetrachloroethane	0.65	U	0.65	U	0.64	U	0.64	U	0.7	U	0.64	U
96-18-4	1,2,3-Trichloropropane	0.97	U	0.97	U	0.96	U	0.96	U	1.	U	0.96	U
108-86-1	Bromobenzene	0.81	U	0.81	U	0.8	U	0.8	U	0.87	U	0.8	U
95-49-8	o-Chlorotoluene	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U
106-43-4	p-Chlorotoluene	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.2	U
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	U	1.5	U	1.5	U	1.6	U	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	U	1.5	U	1.5	U	1.6	U	1.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

HAL VOA						
SAMPLE ID ------->	003-S-0023-03	003-S-0024-03	003-S-0025-03	003-S-0026-05	003-S-0027-05	003-S-0028-05
ORIGINAL ID ----->	03S002303	03S002403	03S002503	03S002605	03S002705	03S002805
LAB SAMPLE ID --->	744987	744991	745437	744994	745001	745601
ID FROM REPORT -->	03S002303	03S002403	03S002503	03S002605	03S002705	03S002805
SAMPLE DATE ----->						
DATE EXTRACTED -->	08/07/95	08/07/95	08/09/95	08/07/95	08/07/95	08/09/95
DATE ANALYZED --->	08/12/95	08/12/95	08/17/95	08/12/95	08/17/95	08/17/95
MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	00126	VAL	00126	VAL	00126	VAL	00126	VAL	00126	VAL	00126	VAL
74-87-3	Chloromethane	2.7	U	2.6	U	2.6	U	2.6	U	2.6	U	2.7	U
75-01-4	Vinyl chloride	2.8	U	2.7	U	2.7	U	2.7	U	2.7	U	2.8	U
74-83-9	Bromomethane	3.	U	2.9	U	2.9	U	2.9	U	2.9	U	3.	U
75-00-3	Chloroethane	2.8	U	2.7	U	2.7	U	2.7	U	2.7	U	2.8	U
75-35-4	1,1-Dichloroethylene	0.92	U	0.89	U	0.89	U	0.89	U	0.89	U	0.9	U
75-09-2	Methylene chloride	3.4	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
75-34-3	1,1-Dichloroethane	0.82	U	0.79	U	0.79	U	0.79	U	0.79	U	0.8	U
67-66-3	Chloroform	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
74-97-5	Chlorobromomethane	0.98	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U
71-55-6	1,1,1-Trichloroethane	2.9	U	2.8	U	2.8	U	2.8	U	2.8	U	2.9	U
56-23-5	Carbon tetrachloride	0.71	U	0.68	U	0.68	U	0.68	U	0.68	U	0.69	U
107-06-2	1,2-Dichloroethane	0.71	U	0.68	U	0.68	U	0.68	U	0.68	U	0.69	U
79-01-6	Trichloroethene	0.87	U	0.84	U	0.84	U	0.84	U	0.84	U	0.85	U
78-87-5	1,2-Dichloropropane	0.71	U	0.68	U	0.68	U	0.68	U	0.68	U	0.69	U
75-27-4	Bromodichloromethane	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
74-95-3	Methylene bromide	0.98	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U
110-75-8	2-Chloroethyl vinyl ether	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	0.92	U	0.89	U	0.89	U	0.89	U	0.89	U	0.9	U
79-00-5	1,1,2-Trichloroethane	0.92	U	0.89	U	0.89	U	0.89	U	0.89	U	0.9	U
127-18-4	Tetrachloroethene	0.87	U	0.84	U	0.84	U	0.84	U	0.84	U	0.85	U
124-48-1	Dibromochloromethane	0.87	U	0.84	U	0.84	U	0.84	U	0.84	U	0.85	U
106-93-4	1, 2-Dibromoethane	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
108-90-7	Chlorobenzene	0.98	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U
630-20-6	1,1,1,2-Tetrachloroethane	0.98	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U
75-25-2	Bromoform	0.98	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U
79-34-5	1,1,2,2-Tetrachloroethane	0.65	U	0.63	U	0.63	U	0.63	U	0.63	U	0.64	U
96-18-4	1,2,3-Trichloropropane	0.98	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U
108-86-1	Bromobenzene	0.82	U	0.79	U	0.79	U	0.79	U	0.79	U	0.8	U
95-49-8	o-Chlorotoluene	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
106-43-4	p-Chlorotoluene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

HAL VOA						
SAMPLE ID ------->	003-S-0029-03	003-S-0030-02	003-S-0031-02	003-S-0032-02	003-S-0033-02	003-S-0034-02
ORIGINAL ID ----->	03S002903	03S003002	03S003102	03S003202	03S003302	03S003402
LAB SAMPLE ID --->	745486	747210	747224	747230	747234	747238
ID FROM REPORT -->	03S002903	03S003002	03S003102	03S003202	03S003302	03S003402
SAMPLE DATE ----->						
DATE EXTRACTED -->	08/09/95	08/16/95	08/16/95	08/16/95	08/16/95	08/16/95
DATE ANALYZED --->	08/17/95	08/18/95	08/18/95	08/18/95	08/25/95	08/25/95
MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	00126	VAL	00162	VAL	00162	VAL	00162	VAL	00162	VAL	00162	VAL
74-87-3	Chloromethane	2.6	U	2.9	U	2.6	U	3.2	U	3.	U	15.	U
75-01-4	Vinyl chloride	2.7	U	3.	U	2.7	U	3.4	U	3.2	U	16.	U
74-83-9	Bromomethane	2.9	U	3.2	U	2.9	U	3.6	U	3.4	U	17.	U
75-00-3	Chloroethane	2.7	U	3.	U	2.7	U	3.4	U	3.2	U	16.	U
75-35-4	1,1-Dichloroethylene	0.89	U	0.98	U	0.89	U	1.1	U	1.	U	5.2	U
75-09-2	Methylene chloride	3.3	U	3.6	U	3.2	U	4.	U	5.6	U	28.	U
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.3	U	1.1	U	1.4	U	1.3	U	6.7	U
75-34-3	1,1-Dichloroethane	0.79	U	0.86	U	0.78	U	0.97	U	0.91	U	4.6	U
67-66-3	Chloroform	1.1	U	1.1	U	1.	U	1.3	U	1.2	U	6.1	U
74-97-5	Chlorobromomethane	0.95	U	1.	U	0.94	U	1.2	U	1.1	U	5.5	U
71-55-6	1,1,1-Trichloroethane	2.8	U	3.1	U	2.8	U	3.5	U	3.3	U	16.	U
56-23-5	Carbon tetrachloride	0.68	U	0.75	U	0.68	U	0.84	U	0.79	U	4.	U
107-06-2	1,2-Dichloroethane	0.68	U	0.75	U	0.68	U	0.84	U	0.79	U	4.	U
79-01-6	Trichloroethene	0.84	U	0.92	U	0.83	U	1.	U	0.98	U	4.9	U
78-87-5	1,2-Dichloropropane	0.68	U	0.75	U	0.68	U	0.84	U	0.79	U	4.	U
75-27-4	Bromodichloromethane	1.1	U	1.1	U	1.	U	1.3	U	1.2	U	6.1	U
74-95-3	Methylene bromide	0.95	U	1.	U	0.94	U	1.2	U	1.1	U	5.5	U
110-75-8	2-Chloroethyl vinyl ether	1.2	U	1.3	U	1.1	U	1.4	U	1.3	U	6.7	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.1	U	0.99	U	1.2	U	1.2	U	5.8	U
10061-02-6	trans-1,3-Dichloropropene	0.89	U	0.98	U	0.89	U	1.1	U	1.	U	5.2	U
79-00-5	1,1,2-Trichloroethane	0.89	U	0.98	U	0.89	U	1.1	U	1.	U	5.2	U
127-18-4	Tetrachloroethene	0.84	U	0.92	U	0.83	U	1.	U	0.98	U	4.9	U
124-48-1	Dibromochloromethane	0.84	U	0.92	U	0.83	U	1.	U	0.98	U	4.9	U
106-93-4	1, 2-Dibromoethane	1.4	U	1.5	U	1.4	U	1.7	U	1.6	U	7.9	U
108-90-7	Chlorobenzene	0.95	U	1.	U	0.94	U	1.2	U	1.1	U	5.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.95	U	1.	U	0.94	U	1.2	U	1.1	U	5.5	U
75-25-2	Bromoform	0.95	U	1.	U	0.94	U	1.2	U	1.1	U	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.63	U	0.69	U	0.63	U	0.78	U	0.73	U	3.7	U
96-18-4	1,2,3-Trichloropropane	0.95	U	1.	U	0.94	U	1.2	U	1.1	U	5.5	U
108-86-1	Bromobenzene	0.79	U	0.86	U	0.78	U	0.97	U	0.91	U	4.6	U
95-49-8	o-Chlorotoluene	1.1	U	1.1	U	1.	U	1.3	U	1.2	U	6.1	U
106-43-4	p-Chlorotoluene	1.2	U	1.3	U	1.1	U	1.4	U	1.3	U	6.7	U
541-73-1	1,3-Dichlorobenzene	1.2	U	1.3	U	1.1	U	1.4	U	1.3	U	6.7	U
106-46-7	1,4-Dichlorobenzene	1.5	U	1.6	U	1.5	U	1.8	U	1.7	U	8.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U	1.6	U	1.5	U	1.8	U	1.7	U	8.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0001-02		003-S-0002-03		003-S-0003-02		003-S-0004-02		003-S-0005-01		003-S-0006-01	
	ORIGINAL ID ----->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	LAB SAMPLE ID --->	744228		744248		744251		744255		744259		744263	
	ID FROM REPORT -->	03S000102		03S000203		03S000302		03S000402		03S000501		03S000601	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/07/95		08/07/95		08/07/95		08/07/95		08/09/95	
	DATE ANALYZED --->	08/10/95		08/08/95		08/08/95		08/08/95		08/25/95		08/10/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
106-44-5	4-Methylphenol (p-Cresol)	27000.	U	1400.	U	1500.	U	1400.	U	7200.	U	27000.	U
101-55-3	4-Bromophenyl-phenylether	14000.	U	820.	U	840.	U	800.	U	4200.	U	14000.	U
108-95-2	Phenol	9100.	U	620.	U	640.	U	610.	U	3200.	U	8900.	U
111-44-4	bis(2-Chloroethyl)ether	9900.	U	640.	U	660.	U	630.	U	3300.	U	9700.	U
95-57-8	2-Chlorophenol	11000.	U	690.	U	700.	U	670.	U	3500.	U	11000.	U
541-73-1	1,3-Dichlorobenzene	10000.	U	550.	U	570.	U	540.	U	2800.	U	9900.	U
106-46-7	1,4-Dichlorobenzene	9800.	U	570.	U	580.	U	550.	U	2900.	U	9600.	U
95-50-1	1,2-Dichlorobenzene	10000.	U	640.	U	660.	U	630.	U	3300.	U	10000.	U
95-48-7	2-Methylphenol (o-Cresol)	13000.	U	710.	U	730.	U	690.	U	3600.	U	13000.	U
621-64-7	N-Nitroso-di-n-propylamine	11000.	U	660.	U	680.	U	650.	U	3400.	U	11000.	U
67-72-1	Hexachloroethane	9500.	U	650.	U	670.	U	640.	U	3300.	U	9300.	U
98-95-3	Nitrobenzene	11000.	U	740.	U	760.	U	720.	U	3800.	U	11000.	U
78-59-1	Isophorone	9500.	U	740.	U	760.	U	720.	U	3800.	U	9300.	U
88-75-5	2-Nitrophenol	8700.	U	670.	U	690.	U	660.	U	3400.	U	8500.	U
105-67-9	2,4-Dimethylphenol	10000.	U	660.	U	680.	U	650.	U	3400.	U	10000.	U
111-91-1	bis(2-Chloroethoxy)methane	11000.	U	730.	U	750.	U	710.	U	3700.	U	11000.	U
120-83-2	2,4-Dichlorophenol	9700.	U	600.	U	610.	U	590.	U	3000.	U	9500.	U
120-82-1	1,2,4-Trichlorobenzene	10000.	U	600.	U	610.	U	590.	U	3000.	U	9900.	U
91-20-3	Naphthalene	3500.	J	720.	U	740.	U	700.	U	3700.	U	8700.	U
106-47-8	4-Chloroaniline	11000.	U	750.	U	770.	U	730.	U	3800.	U	11000.	U
87-68-3	Hexachlorobutadiene	11000.	U	610.	U	620.	U	600.	U	3100.	U	11000.	U
59-50-7	4-Chloro-3-methylphenol	11000.	U	820.	U	840.	U	800.	U	4200.	U	11000.	U
91-57-6	2-Methylnaphthalene	7100.	J	140.	J	940.	U	890.	U	4700.	U	4200.	J
77-47-4	Hexachlorocyclopentadiene	28000.	U	720.	U	740.	U	700.	U	3700.	U	28000.	U
88-06-2	2,4,6-Trichlorophenol	24000.	U	1400.	U	1500.	U	1400.	U	7200.	U	23000.	U
95-95-4	2,4,5-Trichlorophenol	30000.	U	1400.	U	1500.	U	1400.	U	7200.	U	30000.	U
91-58-7	2-Chloronaphthalene	14000.	U	1100.	U	1100.	U	1000.	U	5400.	U	14000.	U
88-74-4	2-Nitroaniline	17000.	U	1200.	U	1200.	U	1200.	U	6100.	U	17000.	U
131-11-3	Dimethyl phthalate	12000.	U	1100.	U	1100.	U	1000.	U	5400.	U	12000.	U
606-20-2	2,6-Dinitrotoluene	13000.	U	820.	U	840.	U	800.	U	4200.	U	13000.	U
208-96-8	Acenaphthylene	11000.	U	730.	U	750.	U	710.	U	3700.	U	11000.	U
99-09-2	3-Nitroaniline	28000.	U	750.	U	770.	U	730.	U	3800.	U	28000.	U
83-32-9	Acenaphthene	11000.	U	720.	U	740.	U	700.	U	3700.	U	11000.	U
51-28-5	2,4-Dinitrophenol	34000.	U	1800.	U	1900.	U	1800.	U	9400.	U	33000.	U
100-02-7	4-Nitrophenol	27000.	U	4900.	U	5000.	U	4800.	U	25000.	U	27000.	U
121-14-2	2,4-Dinitrotoluene	14000.	U	720.	U	740.	U	700.	U	3700.	U	14000.	U

*** Validation Complete ***

SVOA													
	SAMPLE ID ------->	003-S-0001-02		003-S-0002-03		003-S-0003-02		003-S-0004-02		003-S-0005-01		003-S-0006-01	
	ORIGINAL ID ----->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	LAB SAMPLE ID --->	744228		744248		744251		744255		744259		744263	
	ID FROM REPORT -->	03S000102		03S000203		03S000302		03S000402		03S000501		03S000601	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/07/95		08/07/95		08/07/95		08/07/95		08/09/95	
	DATE ANALYZED --->	08/10/95		08/08/95		08/08/95		08/08/95		08/25/95		08/10/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
132-64-9	Dibenzofuran	12000.	U	750.	U	770.	U	730.	U	3800.	U	12000.	U
84-66-2	Diethylphthalate	12000.	U	730.	U	750.	U	710.	U	4000.	U	12000.	U
7005-72-3	4-Chlorophenylphenylether	10000.	U	650.	U	670.	U	640.	U	3300.	U	9900.	U
86-73-7	Fluorene	11000.	U	750.	U	770.	U	730.	U	3800.	U	10000.	U
100-01-6	4-Nitroaniline	36000.	U	1200.	U	1200.	U	1200.	U	6100.	U	35000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	30000.	U	2000.	U	2000.	U	1900.	U	10000.	U	30000.	U
86-30-6	N-Nitrosodiphenylamine	26000.	U	1500.	U	1600.	U	1500.	U	7800.	U	26000.	U
118-74-1	Hexachlorobenzene	13000.	U	840.	U	860.	U	820.	U	4300.	U	13000.	U
87-86-5	Pentachlorophenol	29000.	U	1500.	U	1600.	U	1500.	U	7800.	U	29000.	U
85-01-8	Phenanthrene	13000.	U	670.	U	690.	U	660.	U	3400.	U	13000.	U
120-12-7	Anthracene	15000.	U	810.	U	830.	U	790.	U	4100.	U	15000.	U
84-74-2	Di-n-butylphthalate	11000.	U	840.	U	860.	U	820.	U	4300.	U	11000.	U
206-44-0	Fluoranthene	14000.	U	1000.	U	1000.	U	980.	U	5100.	U	14000.	U
129-00-0	Pyrene	15000.	U	790.	U	810.	U	780.	U	4000.	U	15000.	U
85-68-7	Butylbenzylphthalate	18000.	U	740.	U	760.	U	720.	U	3800.	U	18000.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	13000.	U	820.	U	840.	U	800.	U	4200.	U	13000.	U
91-94-1	3,3'-Dichlorobenzidine	17000.	U	540.	U	560.	U	530.	U	2800.	U	17000.	U
56-55-3	Benzo(a)anthracene	15000.	U	720.	U	740.	U	700.	U	3700.	U	15000.	U
218-01-9	Chrysene	16000.	U	590.	U	600.	U	570.	U	3000.	U	16000.	U
117-84-0	Di-n-octyl phthalate	13000.	U	520.	U	540.	U	510.	U	2700.	U	13000.	U
205-99-2	Benzo(b)fluoranthene	14000.	U	840.	U	860.	U	820.	U	4300.	U	14000.	U
207-08-9	Benzo(k)fluoranthene	17000.	U	670.	U	690.	U	660.	U	3400.	U	17000.	U
50-32-8	Benzo(a)pyrene	14000.	U	720.	U	740.	U	700.	U	3700.	U	14000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	15000.	U	500.	U	510.	U	490.	U	2600.	U	15000.	U
53-70-3	Dibenz(a,h)anthracene	14000.	U	470.	U	480.	U	460.	U	2400.	U	14000.	U
191-24-2	Benzo(g,h,i)perylene	15000.	U	670.	U	690.	U	660.	U	3400.	U	15000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	11000.	U	720.	U	740.	U	700.	U	3700.	U	11000.	U
110-86-1	Pyridine	13000.	U	600.	U	610.	U	590.	U	3000.	U	13000.	U
123-63-7	Paraldehyde	11000.	U	390.	U	400.	U	380.	U	2000.	U	10000.	U
97-63-2	Ethyl methacrylate	8300.	U	640.	U	660.	U	630.	U	3300.	U	8100.	U
109-06-8	2-Picoline	21000.	U	1300.	U	1300.	U	1300.	U	6700.	U	20000.	U
10595-95-6	N-Nitrosomethylethylamine	18000.	U	590.	U	600.	U	570.	U	3000.	U	18000.	U
66-27-3	Methyl methanesulfonate	9100.	U	760.	U	780.	U	750.	U	3900.	U	8900.	U
55-18-5	N-Nitrosodiethylamine	8700.	U	650.	U	670.	U	640.	U	3300.	U	8500.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0001-02		003-S-0002-03		003-S-0003-02		003-S-0004-02		003-S-0005-01		003-S-0006-01	
	ORIGINAL ID ----->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	LAB SAMPLE ID --->	744228		744248		744251		744255		744259		744263	
	ID FROM REPORT -->	03S000102		03S000203		03S000302		03S000402		03S000501		03S000601	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/07/95		08/07/95		08/07/95		08/07/95		08/09/95	
	DATE ANALYZED --->	08/10/95		08/08/95		08/08/95		08/08/95		08/25/95		08/10/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
62-50-0	Ethyl methanesulfonate	10000.	U	650.	U	670.	U	640.	U	3300.	U	9900.	U
62-53-3	Aniline	7900.	U	610.	U	620.	U	600.	U	3100.	U	7800.	U
76-01-7	Pentachloroethane	9700.	U	900.	U	930.	U	880.	U	4600.	U	9500.	U
100-44-7	Benzyl chloride	9600.	U	630.	U	650.	U	620.	U	3200.	U	9400.	U
100-51-6	Benzyl alcohol	9100.	U	600.	U	610.	U	590.	U	3000.	U	8900.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	10000.	U	710.	U	730.	U	690.	U	3600.	U	9800.	U
930-55-2	N-Nitrosopyrrolidine	12000.	U	580.	U	590.	U	560.	U	2900.	U	12000.	U
98-86-2	Acetophenone	11000.	U	720.	U	740.	U	700.	U	3700.	U	11000.	U
59-89-2	N-Nitrosomorpholine	12000.	U	820.	U	840.	U	800.	U	4200.	U	12000.	U
636-21-5	o-Toluidine hydrochloride	16000.	U	2200.	U	2200.	U	2100.	U	11000.	U	16000.	U
100-75-4	N-Nitrosopiperidine	10000.	U	810.	U	830.	U	790.	U	4100.	U	10000.	U
108-70-3	1,3,5-Trichlorobenzene	9000.	U	660.	U	680.	U	650.	U	3400.	U	8800.	U
98-87-3	Benzal chloride	15000.	U	580.	U	590.	U	560.	U	2900.	U	15000.	U
126-68-1	O,O,O-Triethylphosphorothioate	96000.	U	5800.	U	5900.	U	5600.	U	29000.	U	94000.	U
65-85-0	Benzoic acid	36000.	U	2100.	U	2100.	U	2000.	U	11000.	U	35000.	U
87-65-0	2,6-Dichlorophenol	20000.	U	1300.	U	1300.	U	1300.	U	6700.	U	19000.	U
1888-71-7	Hexachloropropene	30000.	U	620.	U	640.	U	610.	U	3200.	U	30000.	U
87-61-6	1,2,3-Trichlorobenzene	9700.	U	650.	U	670.	U	640.	U	3300.	U	9500.	U
98-07-7	Benzotrichloride	21000.	U	670.	U	690.	U	660.	U	3400.	U	20000.	U
924-16-3	N-Nitroso-di-n-butylamine	11000.	U	1500.	U	1600.	U	1500.	U	7800.	U	11000.	U
94-59-7	Safrole	11000.	U	630.	U	650.	U	620.	U	3200.	U	11000.	U
90-12-0	1-Methyl naphthalene	9000.	J	220.	J	1200.	U	1200.	U	6100.	U	9400.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	25000.	U	1400.	U	1500.	U	1400.	U	7200.	U	24000.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	25000.	U	1400.	U	1500.	U	1400.	U	7200.	U	24000.	U
120-58-1	Isosafrole	20000.	U	1400.	U	1500.	U	1400.	U	7200.	U	19000.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	12000.	U	700.	U	710.	U	680.	U	3500.	U	12000.	U
90-13-1	1-Chloronaphthalene	17000.	U	1300.	U	1300.	U	1300.	U	6700.	U	17000.	U
130-15-4	1,4-Naphthoquinone	20000.	U	1700.	U	1800.	U	1700.	U	8900.	U	19000.	U
99-65-0	1,3-Dinitrobenzene	16000.	U	610.	U	620.	U	600.	U	3100.	U	16000.	U
608-93-5	Pentachlorobenzene	14000.	U	720.	U	740.	U	700.	U	3700.	U	14000.	U
91-59-8	2-Naphthylamine	11000.	U	940.	U	960.	U	920.	U	4800.	U	11000.	U
58-90-2	2,3,4,6-Tetrachlorophenol	25000.	U	1500.	U	1600.	U	1500.	U	7800.	U	24000.	U
134-32-7	1-Naphthylamine	22000.	U	1500.	U	1600.	U	1500.	U	7800.	U	21000.	U
297-97-2	Thionazin	12000.	U	730.	U	750.	U	710.	U	3700.	U	12000.	U
99-55-8	5-Nitro-o-toluidine	22000.	U	1100.	U	1100.	U	1100.	U	5500.	U	21000.	U
122-39-4	Diphenylamine	26000.	U	1500.	U	1600.	U	1500.	U	7800.	U	26000.	U

*** Validation complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0001-02		003-S-0002-03		003-S-0003-02		003-S-0004-02		003-S-0005-01		003-S-0006-01	
	ORIGINAL ID ----->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	LAB SAMPLE ID --->	744228		744248		744251		744255		744259		744263	
	ID FROM REPORT -->	03S000102		03S000203		03S000302		03S000402		03S000501		03S000601	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/07/95		08/07/95		08/07/95		08/07/95		08/09/95	
	DATE ANALYZED --->	08/10/95		08/08/95		08/08/95		08/08/95		08/25/95		08/10/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
122-66-7	Hydrazine, 1,2-diphenyl	13000.	U	750.	U	770.	U	730.	U	3800.	U	13000.	U
99-35-4	1,3,5-Trinitrobenzene	32000.	U	990.	U	1000.	U	970.	U	5000.	U	31000.	U
2303-16-4	Diallate	13000.	U	720.	U	740.	U	700.	U	3700.	U	13000.	U
62-44-2	Phenacetin	16000.	U	660.	U	680.	U	650.	U	3400.	U	16000.	U
60-51-5	Dimethoate	12000.	U	720.	U	740.	U	700.	U	3700.	U	12000.	U
92-67-1	4-Aminobiphenyl	13000.	U	450.	U	460.	U	440.	U	2300.	U	13000.	U
23950-58-5	Pronamide	11000.	U	710.	U	730.	U	690.	U	3600.	U	11000.	U
82-68-8	Pentachloronitrobenzene	11000.	U	700.	U	710.	U	680.	U	3500.	U	11000.	U
56-57-5	4-Nitroquinoline 1-oxide	84000.	U	5200.	U	5400.	U	5100.	U	27000.	U	82000.	U
91-80-5	Methapyrilene	28000.	U	1400.	U	1500.	U	1400.	U	7200.	U	28000.	U
6055-19-2	Cyclophosphamide Hydrate	18000.	U	690.	U	700.	U	670.	U	3500.	U	18000.	U
465-73-6	Isodrin	12000.	U	1000.	U	1000.	U	980.	U	5100.	U	12000.	U
92-87-5	Benzidine	11000.	U	1700.	U	1800.	U	1700.	U	8900.	U	10000.	U
140-57-8	Aramite	43000.	U	720.	U	740.	U	700.	U	3700.	U	43000.	U
60-11-7	p-(Dimethylamino)azobenzene	16000.	U	730.	U	750.	U	710.	U	3700.	U	16000.	U
510-15-6	Chlorobenzilate	17000.	U	770.	U	790.	U	760.	U	3900.	U	17000.	U
52-85-7	Famphur	23000.	U	2200.	U	2200.	U	2100.	U	11000.	U	22000.	U
119-93-7	3,3-Dimethylbenzidine	26000.	U	1100.	U	1100.	U	1000.	U	5400.	U	26000.	U
53-96-3	Acetamidofluorene	15000.	U	770.	U	790.	U	760.	U	3900.	U	15000.	U
119-90-4	3,3'-Dimethoxybenzidine	22000.	U	1100.	U	1100.	U	1000.	U	5400.	U	21000.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	18000.	U	490.	U	500.	U	480.	U	2500.	U	18000.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	13000.	U	450.	U	460.	U	440.	U	2300.	U	13000.	U
56-49-5	3-Methyl cholanthrene	16000.	U	660.	U	680.	U	650.	U	3400.	U	16000.	U
224-42-0	Dibenz(a,j)acridine	16000.	U	450.	U	460.	U	440.	U	2300.	U	16000.	U
108-39-4	3-Methylphenol (m-Cresol)	27000.	U	1400.	U	1500.	U	1400.	U	7200.	U	27000.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0007-03		003-S-0008-02		003-S-0009-02		003-S-0010-02		003-C-0010-02		003-S-0011-02	
	ORIGINAL ID ----->	003S000703		003S000802		003S000902		003S001002		003C001002		003S001102	
	LAB SAMPLE ID --->	744269		744272		744276		744280		744284		744290	
	ID FROM REPORT -->	03S000703		03S000802		03S000902		03S001002		03C001002		03S001102	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/09/95		08/07/95		08/07/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/10/95		08/10/95		08/09/95		08/09/95		08/09/95		08/08/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
106-44-5	4-Methylphenol (p-Cresol)	27000.	U	27000.	U	7300.	U	7000.	U	7300.	U	1400.	U
101-55-3	4-Bromophenyl-phenylether	14000.	U	14000.	U	4200.	U	4100.	U	4200.	U	790.	U
108-95-2	Phenol	9000.	U	9100.	U	3200.	U	3100.	U	3200.	U	600.	U
111-44-4	bis(2-Chloroethyl)ether	9800.	U	9900.	U	3300.	U	3200.	U	3300.	U	620.	U
95-57-8	2-Chlorophenol	11000.	U	11000.	U	3500.	U	3400.	U	3500.	U	670.	U
541-73-1	1,3-Dichlorobenzene	10000.	U	10000.	U	2800.	U	2800.	U	2900.	U	540.	U
106-46-7	1,4-Dichlorobenzene	9700.	U	9800.	U	2900.	U	2800.	U	2900.	U	550.	U
95-50-1	1,2-Dichlorobenzene	10000.	U	10000.	U	3300.	U	3200.	U	3300.	U	620.	U
95-48-7	2-Methylphenol (o-Cresol)	13000.	U	13000.	U	3600.	U	3500.	U	3700.	U	690.	U
621-64-7	N-Nitroso-di-n-propylamine	11000.	U	11000.	U	3400.	U	3300.	U	3400.	U	640.	U
67-72-1	Hexachloroethane	9400.	U	9500.	U	3300.	U	3300.	U	3400.	U	630.	U
98-95-3	Nitrobenzene	11000.	U	11000.	U	3800.	U	3700.	U	3800.	U	720.	U
78-59-1	Isophorone	9400.	U	9500.	U	3800.	U	3700.	U	3800.	U	720.	U
88-75-5	2-Nitrophenol	8600.	U	8700.	U	3500.	U	3400.	U	3500.	U	660.	U
105-67-9	2,4-Dimethylphenol	10000.	U	10000.	U	3400.	U	3300.	U	3400.	U	640.	U
111-91-1	bis(2-Chloroethoxy)methane	11000.	U	11000.	U	3700.	U	3600.	U	3800.	U	710.	U
120-83-2	2,4-Dichlorophenol	9600.	U	9700.	U	3100.	U	3000.	U	3100.	U	580.	U
120-82-1	1,2,4-Trichlorobenzene	10000.	U	10000.	U	3100.	U	3000.	U	3100.	U	580.	U
91-20-3	Naphthalene	8800.	U	8900.	U	3700.	U	3600.	U	3700.	U	700.	U
106-47-8	4-Chloroaniline	11000.	U	11000.	U	3900.	U	3700.	U	3900.	U	730.	U
87-68-3	Hexachlorobutadiene	11000.	U	11000.	U	3100.	U	3000.	U	3200.	U	590.	U
59-50-7	4-Chloro-3-methylphenol	11000.	U	11000.	U	4200.	U	4100.	U	4200.	U	790.	U
91-57-6	2-Methylnaphthalene	1600.	J	4700.	J	4700.	U	4600.	U	4700.	U	890.	U
77-47-4	Hexachlorocyclopentadiene	28000.	U	28000.	U	3700.	U	3600.	U	3700.	U	700.	U
88-06-2	2,4,6-Trichlorophenol	24000.	U	24000.	U	7300.	U	7000.	U	7300.	U	1400.	U
95-95-4	2,4,5-Trichlorophenol	30000.	U	30000.	U	7300.	U	7000.	U	7300.	U	1400.	U
91-58-7	2-Chloronaphthalene	14000.	U	14000.	U	5400.	U	5300.	U	5500.	U	1000.	U
88-74-4	2-Nitroaniline	17000.	U	17000.	U	6100.	U	6000.	U	6200.	U	1200.	U
131-11-3	Dimethyl phthalate	12000.	U	12000.	U	5400.	U	5300.	U	5500.	U	1000.	U
606-20-2	2,6-Dinitrotoluene	13000.	U	13000.	U	4200.	U	4100.	U	4200.	U	790.	U
208-96-8	Acenaphthylene	11000.	U	11000.	U	3700.	U	3600.	U	3800.	U	710.	U
99-09-2	3-Nitroaniline	28000.	U	28000.	U	3900.	U	3700.	U	3900.	U	730.	U
83-32-9	Acenaphthene	11000.	U	11000.	U	3700.	U	3600.	U	3700.	U	700.	U
51-28-5	2,4-Dinitrophenol	33000.	U	34000.	U	9500.	U	9200.	U	9600.	U	1800.	U
100-02-7	4-Nitrophenol	27000.	U	27000.	U	25000.	U	24000.	U	25000.	U	4800.	U
121-14-2	2,4-Dinitrotoluene	14000.	U	14000.	U	3700.	U	3600.	U	3700.	U	700.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0007-03		003-S-0008-02		003-S-0009-02		003-S-0010-02		003-C-0010-02		003-S-0011-02	
	ORIGINAL ID ----->	003S000703		003S000802		003S000902		003S001002		003C001002		003S001102	
	LAB SAMPLE ID --->	744269		744272		744276		744280		744284		744290	
	ID FROM REPORT -->	03S000703		03S000802		03S000902		03S001002		03C001002		03S001102	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/09/95		08/07/95		08/07/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/10/95		08/10/95		08/09/95		08/09/95		08/09/95		08/08/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
132-64-9	Dibenzofuran	12000.	U	12000.	U	3900.	U	3700.	U	3900.	U	730.	U
84-66-2	Diethylphthalate	12000.	U	12000.	U	4000.	U	3900.	U	4000.	U	760.	U
7005-72-3	4-Chlorophenylphenylether	10000.	U	10000.	U	3300.	U	3300.	U	3400.	U	630.	U
86-73-7	Fluorene	10000.	U	11000.	U	3900.	U	3700.	U	3900.	U	730.	U
100-01-6	4-Nitroaniline	35000.	U	36000.	U	6100.	U	6000.	U	6200.	U	1200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	30000.	U	30000.	U	10000.	U	9800.	U	10000.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	26000.	U	26000.	U	7800.	U	7600.	U	7900.	U	1500.	U
118-74-1	Hexachlorobenzene	13000.	U	13000.	U	4300.	U	4200.	U	4300.	U	810.	U
87-86-5	Pentachlorophenol	29000.	U	29000.	U	7800.	U	7600.	U	7900.	U	1500.	U
85-01-8	Phenanthrene	13000.	U	13000.	U	3500.	U	3400.	U	3500.	U	660.	U
120-12-7	Anthracene	15000.	U	15000.	U	4100.	U	4000.	U	4200.	U	780.	U
84-74-2	Di-n-butylphthalate	11000.	U	11000.	U	4300.	U	4200.	U	4300.	U	810.	U
206-44-0	Fluoranthene	14000.	U	14000.	U	5100.	U	5000.	U	5200.	U	970.	U
129-00-0	Pyrene	15000.	U	15000.	U	4100.	U	4000.	U	4100.	U	770.	U
85-68-7	Butylbenzylphthalate	18000.	U	18000.	U	3800.	U	3700.	U	3800.	U	720.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	13000.	U	13000.	U	4200.	U	4100.	U	4200.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	17000.	U	17000.	U	2800.	U	2700.	U	2800.	U	530.	U
56-55-3	Benzo(a)anthracene	15000.	U	15000.	U	3700.	U	3600.	U	3700.	U	700.	U
218-01-9	Chrysene	16000.	U	16000.	U	3000.	U	2900.	U	3000.	U	570.	U
117-84-0	Di-n-octyl phthalate	13000.	U	13000.	U	2700.	U	2600.	U	2700.	U	510.	U
205-99-2	Benzo(b)fluoranthene	14000.	U	14000.	U	4300.	U	4200.	U	4300.	U	810.	U
207-08-9	Benzo(k)fluoranthene	17000.	U	17000.	U	3500.	U	3400.	U	3500.	U	660.	U
50-32-8	Benzo(a)pyrene	14000.	U	14000.	U	3700.	U	3600.	U	3700.	U	700.	U
193-39-5	Indeno(1,2,3-cd)pyrene	15000.	U	15000.	U	2600.	U	2500.	U	2600.	U	490.	U
53-70-3	Dibenz(a,h)anthracene	14000.	U	14000.	U	2400.	U	2300.	U	2400.	U	450.	U
191-24-2	Benzo(g,h,i)perylene	15000.	U	15000.	U	3500.	U	3400.	U	3500.	U	660.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	11000.	U	11000.	U	3700.	U	3600.	U	3700.	U	700.	U
110-86-1	Pyridine	13000.	U	13000.	U	3100.	U	3000.	U	3100.	U	580.	U
123-63-7	Paraldehyde	11000.	U	11000.	U	2000.	U	2000.	U	2000.	U	380.	U
97-63-2	Ethyl methacrylate	8200.	U	8300.	U	3300.	U	3200.	U	3300.	U	620.	U
109-06-8	2-Picoline	20000.	U	21000.	U	6700.	U	6500.	U	6800.	U	1300.	U
10595-95-6	N-Nitrosomethylethylamine	18000.	U	18000.	U	3000.	U	2900.	U	3000.	U	570.	U
66-27-3	Methyl methanesulfonate	9000.	U	9100.	U	3900.	U	3800.	U	3900.	U	740.	U
55-18-5	N-Nitrosodiethylamine	8600.	U	8700.	U	3300.	U	3300.	U	3400.	U	630.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0007-03		003-S-0008-02		003-S-0009-02		003-S-0010-02		003-C-0010-02		003-S-0011-02	
	ORIGINAL ID ----->	003S000703		003S000802		003S000902		003S001002		003C001002		003S001102	
	LAB SAMPLE ID --->	744269		744272		744276		744280		744284		744290	
	ID FROM REPORT -->	03S000703		03S000802		03S000902		03S001002		03C001002		03S001102	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/09/95		08/07/95		08/07/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/10/95		08/10/95		08/09/95		08/09/95		08/09/95		08/08/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
62-50-0	Ethyl methanesulfonate	10000.	U	10000.	U	3300.	U	3300.	U	3400.	U	630.	U
62-53-3	Aniline	7800.	U	7900.	U	3100.	U	3000.	U	3200.	U	590.	U
76-01-7	Pentachloroethane	9600.	U	9700.	U	4600.	U	4500.	U	4700.	U	880.	U
100-44-7	Benzyl chloride	9500.	U	9600.	U	3200.	U	3100.	U	3300.	U	610.	U
100-51-6	Benzyl alcohol	9000.	U	9100.	U	3100.	U	3000.	U	3100.	U	580.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	9900.	U	10000.	U	3600.	U	3500.	U	3700.	U	690.	U
930-55-2	N-Nitrosopyrrolidine	12000.	U	12000.	U	3000.	U	2900.	U	3000.	U	560.	U
98-86-2	Acetophenone	11000.	U	11000.	U	3700.	U	3600.	U	3700.	U	700.	U
59-89-2	N-Nitrosomorpholine	12000.	U	12000.	U	4200.	U	4100.	U	4200.	U	790.	U
636-21-5	o-Toluidine hydrochloride	16000.	U	16000.	U	11000.	U	11000.	U	11000.	U	2100.	U
100-75-4	N-Nitrosopiperidine	10000.	U	10000.	U	4100.	U	4000.	U	4200.	U	780.	U
108-70-3	1,3,5-Trichlorobenzene	8900.	U	9000.	U	3400.	U	3300.	U	3400.	U	640.	U
98-87-3	Benzal chloride	15000.	U	15000.	U	3000.	U	2900.	U	3000.	U	560.	U
126-68-1	O,O,O-Triethylphosphorothioate	95000.	U	96000.	U	30000.	U	29000.	U	30000.	U	5600.	U
65-85-0	Benzoic acid	35000.	U	36000.	U	11000.	U	10000.	U	11000.	U	2000.	U
87-65-0	2,6-Dichlorophenol	19000.	U	20000.	U	6700.	U	6500.	U	6800.	U	1300.	U
1888-71-7	Hexachloropropene	30000.	U	30000.	U	3200.	U	3100.	U	3200.	U	600.	U
87-61-6	1,2,3-Trichlorobenzene	9600.	U	9700.	U	3300.	U	3300.	U	3400.	U	630.	U
98-07-7	Benzotrichloride	20000.	U	21000.	U	3500.	U	3400.	U	3500.	U	660.	U
924-16-3	N-Nitroso-di-n-butylamine	11000.	U	11000.	U	7800.	U	7600.	U	7900.	U	1500.	U
94-59-7	Safrole	11000.	U	11000.	U	3200.	U	3100.	U	3300.	U	610.	U
90-12-0	1-Methyl naphthalene	2500.	J	10000.	J	450.	J	6000.	U	6200.	U	1200.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	25000.	U	25000.	U	7300.	U	7000.	U	7300.	U	1400.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	25000.	U	25000.	U	7300.	U	7000.	U	7300.	U	1400.	U
120-58-1	Isosafrole	19000.	U	20000.	U	7300.	U	7000.	U	7300.	U	1400.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	12000.	U	12000.	U	3600.	U	3500.	U	3600.	U	680.	U
90-13-1	1-Chloronaphthalene	17000.	U	17000.	U	6700.	U	6500.	U	6800.	U	1300.	U
130-15-4	1,4-Naphthoquinone	19000.	U	20000.	U	8900.	U	8700.	U	9000.	U	1700.	U
99-65-0	1,3-Dinitrobenzene	16000.	U	16000.	U	3100.	U	3000.	U	3200.	U	590.	U
608-93-5	Pentachlorobenzene	14000.	U	14000.	U	3700.	U	3600.	U	3700.	U	700.	U
91-59-8	2-Naphthylamine	11000.	U	11000.	U	4800.	U	4700.	U	4800.	U	910.	U
58-90-2	2,3,4,6-Tetrachlorophenol	25000.	U	25000.	U	7800.	U	7600.	U	7900.	U	1500.	U
134-32-7	1-Naphthylamine	22000.	U	22000.	U	7800.	U	7600.	U	7900.	U	1500.	U
297-97-2	Thionazin	12000.	U	12000.	U	3700.	U	3600.	U	3800.	U	710.	U
99-55-8	5-Nitro-o-toluidine	22000.	U	22000.	U	5600.	U	5400.	U	5600.	U	1100.	U
122-39-4	Diphenylamine	26000.	U	26000.	U	7800.	U	7600.	U	7900.	U	1500.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0007-03		003-S-0008-02		003-S-0009-02		003-S-0010-02		003-C-0010-02		003-S-0011-02	
	ORIGINAL ID ----->	003S000703		003S000802		003S000902		003S001002		003C001002		003S001102	
	LAB SAMPLE ID --->	744269		744272		744276		744280		744284		744290	
	ID FROM REPORT -->	03S000703		03S000802		03S000902		03S001002		03C001002		03S001102	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/09/95		08/09/95		08/07/95		08/07/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/10/95		08/10/95		08/09/95		08/09/95		08/09/95		08/08/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
122-66-7	Hydrazine, 1,2-diphenyl	13000.	U	13000.	U	3900.	U	3700.	U	3900.	U	730.	U
99-35-4	1,3,5-Trinitrobenzene	31000.	U	32000.	U	5100.	U	4900.	U	5100.	U	960.	U
2303-16-4	Diallate	13000.	U	13000.	U	3700.	U	3600.	U	3700.	U	700.	U
62-44-2	Phenacetin	16000.	U	16000.	U	3400.	U	3300.	U	3400.	U	640.	U
60-51-5	Dimethoate	12000.	U	12000.	U	3700.	U	3600.	U	3700.	U	700.	U
92-67-1	4-Aminobiphenyl	13000.	U	13000.	U	2300.	U	2200.	U	2300.	U	430.	U
23950-58-5	Pronamide	11000.	U	11000.	U	3600.	U	3500.	U	3700.	U	690.	U
82-68-8	Pentachloronitrobenzene	11000.	U	11000.	U	3600.	U	3500.	U	3600.	U	680.	U
56-57-5	4-Nitroquinoline 1-oxide	83000.	U	84000.	U	27000.	U	26000.	U	27000.	U	5100.	U
91-80-5	Methapyrilene	28000.	U	28000.	U	7300.	U	7000.	U	7300.	U	1400.	U
6055-19-2	Cyclophosphamide Hydrate	18000.	U	18000.	U	3500.	U	3400.	U	3500.	U	670.	U
465-73-6	Isodrin	12000.	U	12000.	U	5100.	U	5000.	U	5200.	U	970.	U
92-87-5	Benzidine	10000.	U	11000.	U	8900.	U	8700.	U	9000.	U	1700.	U
140-57-8	Aramite	43000.	U	43000.	U	3700.	U	3600.	U	3700.	U	700.	U
60-11-7	p-(Dimethylamino)azobenzene	16000.	U	16000.	U	3700.	U	3600.	U	3800.	U	710.	U
510-15-6	Chlorobenzilate	17000.	U	17000.	U	4000.	U	3800.	U	4000.	U	750.	U
52-85-7	Famphur	23000.	U	23000.	U	11000.	U	11000.	U	11000.	U	2100.	U
119-93-7	3,3-Dimethylbenzidine	26000.	U	26000.	U	5400.	U	5300.	U	5500.	U	1000.	U
53-96-3	Acetamidofluorene	15000.	U	15000.	U	4000.	U	3800.	U	4000.	U	750.	U
119-90-4	3,3'-Dimethoxybenzidine	22000.	U	22000.	U	5400.	U	5300.	U	5500.	U	1000.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	18000.	U	18000.	U	2500.	U	2400.	U	2500.	U	480.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	13000.	U	13000.	U	2300.	U	2200.	U	2300.	U	430.	U
56-49-5	3-Methyl cholanthrene	16000.	U	16000.	U	3400.	U	3300.	U	3400.	U	640.	U
224-42-0	Dibenz(a,j)acridine	16000.	U	16000.	U	2300.	U	2200.	U	2300.	U	430.	U
108-39-4	3-Methylphenol (m-Cresol)	27000.	U	27000.	U	7300.	U	7000.	U	7300.	U	1400.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0012-03		003-S-0013-03		003-S-0014-02		003-S-0015-03		003-S-0016-03		003-S-0017-04	
	ORIGINAL ID ----->	003S001203		003S001303		003S001402		003S001503		003S001603		003S001704	
	LAB SAMPLE ID --->	744307		744314		744319		744888		744912		744917	
	ID FROM REPORT -->	03S001203		03S001303		03S001402		03S001503		03S001603		03S001704	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/09/95		08/10/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/10/95		08/11/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		MG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
106-44-5	4-Methylphenol (p-Cresol)	1400.	U	1400.	U	27000.	U	6700.	U	1400.	U	1400.	U
101-55-3	4-Bromophenyl-phenylether	790.	U	820.	U	14000.	U	3900.	U	810.	U	790.	U
108-95-2	Phenol	600.	U	620.	U	9100.	U	2900.	U	620.	U	600.	U
111-44-4	bis(2-Chloroethyl)ether	620.	U	650.	U	9900.	U	3000.	U	640.	U	620.	U
95-57-8	2-Chlorophenol	660.	U	690.	U	11000.	U	3200.	U	680.	U	660.	U
541-73-1	1,3-Dichlorobenzene	540.	U	560.	U	10000.	U	2600.	U	550.	U	540.	U
106-46-7	1,4-Dichlorobenzene	550.	U	570.	U	9800.	U	2700.	U	560.	U	550.	U
95-50-1	1,2-Dichlorobenzene	620.	U	650.	U	10000.	U	3000.	U	640.	U	620.	U
95-48-7	2-Methylphenol (o-Cresol)	680.	U	710.	U	13000.	U	3300.	U	700.	U	680.	U
621-64-7	N-Nitroso-di-n-propylamine	640.	U	670.	U	11000.	U	3100.	U	660.	U	640.	U
67-72-1	Hexachloroethane	630.	U	660.	U	9500.	U	3100.	U	650.	U	630.	U
98-95-3	Nitrobenzene	720.	U	750.	U	11000.	U	3500.	U	740.	U	710.	U
78-59-1	Isophorone	720.	U	750.	U	9500.	U	3500.	U	740.	U	710.	U
88-75-5	2-Nitrophenol	650.	U	680.	U	8700.	U	3200.	U	670.	U	650.	U
105-67-9	2,4-Dimethylphenol	640.	U	670.	U	10000.	U	3100.	U	660.	U	640.	U
111-91-1	bis(2-Chloroethoxy)methane	710.	U	730.	U	11000.	U	3400.	U	730.	U	700.	U
120-83-2	2,4-Dichlorophenol	580.	U	600.	U	9700.	U	2800.	U	600.	U	580.	U
120-82-1	1,2,4-Trichlorobenzene	580.	U	600.	U	10000.	U	2800.	U	600.	U	580.	U
91-20-3	Naphthalene	700.	U	720.	U	8900.	U	3400.	U	720.	U	690.	U
106-47-8	4-Chloroaniline	730.	U	760.	U	11000.	U	3500.	U	750.	U	720.	U
87-68-3	Hexachlorobutadiene	590.	U	610.	U	11000.	U	2900.	U	610.	U	590.	U
59-50-7	4-Chloro-3-methylphenol	790.	U	820.	U	11000.	U	3900.	U	810.	U	790.	U
91-57-6	2-Methylnaphthalene	880.	U	920.	U	4500.	J	4300.	U	910.	U	880.	U
77-47-4	Hexachlorocyclopentadiene	700.	U	720.	U	28000.	U	3400.	U	720.	U	690.	U
88-06-2	2,4,6-Trichlorophenol	1400.	U	1400.	U	24000.	U	6700.	U	1400.	U	1400.	U
95-95-4	2,4,5-Trichlorophenol	1400.	U	1400.	U	30000.	U	6700.	U	1400.	U	1400.	U
91-58-7	2-Chloronaphthalene	1000.	U	1100.	U	14000.	U	5000.	U	1100.	U	1000.	U
88-74-4	2-Nitroaniline	1200.	U	1200.	U	17000.	U	5700.	U	1200.	U	1200.	U
131-11-3	Dimethyl phthalate	1000.	U	1100.	U	12000.	U	5000.	U	1100.	U	1000.	U
606-20-2	2,6-Dinitrotoluene	790.	U	820.	U	13000.	U	3900.	U	810.	U	790.	U
208-96-8	Acenaphthylene	710.	U	730.	U	11000.	U	3400.	U	730.	U	700.	U
99-09-2	3-Nitroaniline	730.	U	760.	U	28000.	U	3500.	U	750.	U	720.	U
83-32-9	Acenaphthene	700.	U	720.	U	11000.	U	3400.	U	720.	U	690.	U
51-28-5	2,4-Dinitrophenol	1800.	U	1900.	U	34000.	U	8700.	U	1800.	U	1800.	U
100-02-7	4-Nitrophenol	4700.	U	4900.	U	27000.	U	23000.	U	4900.	U	4700.	U
121-14-2	2,4-Dinitrotoluene	700.	U	720.	U	14000.	U	3400.	U	720.	U	690.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0012-03		003-S-0013-03		003-S-0014-02		003-S-0015-03		003-S-0016-03		003-S-0017-04	
	ORIGINAL ID ----->	003S001203		003S001303		003S001402		003S001503		003S001603		003S001704	
	LAB SAMPLE ID --->	744307		744314		744319		744888		744912		744917	
	ID FROM REPORT -->	03S001203		03S001303		03S001402		03S001503		03S001603		03S001704	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/09/95		08/10/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/10/95		08/11/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		MG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
132-64-9	Dibenzofuran	730.	U	760.	U	12000.	U	3500.	U	750.	U	720.	U
84-66-2	Diethylphthalate	710.	U	790.	U	12000.	U	3700.	U	780.	U	760.	U
7005-72-3	4-Chlorophenylphenylether	630.	U	660.	U	10000.	U	3100.	U	650.	U	630.	U
86-73-7	Fluorene	730.	U	760.	U	11000.	U	3500.	U	750.	U	720.	U
100-01-6	4-Nitroaniline	1200.	U	1200.	U	36000.	U	5700.	U	1200.	U	1200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	2000.	U	30000.	U	9300.	U	2000.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	1500.	U	1500.	U	26000.	U	7200.	U	1500.	U	1500.	U
118-74-1	Hexachlorobenzene	810.	U	840.	U	13000.	U	4000.	U	840.	U	810.	U
87-86-5	Pentachlorophenol	1500.	U	1500.	U	29000.	U	7200.	U	1500.	U	1500.	U
85-01-8	Phenanthrene	650.	U	680.	U	13000.	U	3200.	U	670.	U	650.	U
120-12-7	Anthracene	780.	U	810.	U	15000.	U	3800.	U	800.	U	780.	U
84-74-2	Di-n-butylphthalate	810.	U	840.	U	11000.	U	4000.	U	840.	U	810.	U
206-44-0	Fluoranthene	970.	U	1000.	U	14000.	U	4700.	U	1000.	U	970.	U
129-00-0	Pyrene	770.	U	800.	U	15000.	U	3800.	U	790.	U	770.	U
85-68-7	Butylbenzylphthalate	720.	U	750.	U	18000.	U	3500.	U	740.	U	710.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	790.	U	820.	U	13000.	U	3900.	U	810.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	530.	U	550.	U	17000.	U	2600.	U	540.	U	520.	U
56-55-3	Benzo(a)anthracene	700.	U	720.	U	15000.	U	3400.	U	720.	U	690.	U
218-01-9	Chrysene	570.	U	590.	U	16000.	U	2800.	U	590.	U	570.	U
117-84-0	Di-n-octyl phthalate	510.	U	530.	U	13000.	U	2500.	U	520.	U	500.	U
205-99-2	Benzo(b)fluoranthene	810.	U	840.	U	14000.	U	4000.	U	840.	U	810.	U
207-08-9	Benzo(k)fluoranthene	650.	U	680.	U	17000.	U	3200.	U	670.	U	650.	U
50-32-8	Benzo(a)pyrene	700.	U	720.	U	14000.	U	3400.	U	720.	U	690.	U
193-39-5	Indeno(1,2,3-cd)pyrene	480.	U	500.	U	15000.	U	2400.	U	500.	U	480.	U
53-70-3	Dibenz(a,h)anthracene	450.	U	470.	U	14000.	U	2200.	U	470.	U	450.	U
191-24-2	Benzo(g,h,i)perylene	650.	U	680.	U	15000.	U	3200.	U	670.	U	650.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	700.	U	720.	U	11000.	U	3400.	U	720.	U	690.	U
110-86-1	Pyridine	580.	U	600.	U	13000.	U	2800.	U	600.	U	580.	U
123-63-7	Paraldehyde	380.	U	390.	U	11000.	U	1800.	U	390.	U	380.	U
97-63-2	Ethyl methacrylate	620.	U	650.	U	8300.	U	3000.	U	640.	U	620.	U
109-06-8	2-Picoline	1300.	U	1300.	U	21000.	U	6200.	U	1300.	U	1300.	U
10595-95-6	N-Nitrosomethylethylamine	570.	U	590.	U	18000.	U	2800.	U	590.	U	570.	U
66-27-3	Methyl methanesulfonate	740.	U	770.	U	9100.	U	3600.	U	760.	U	730.	U
55-18-5	N-Nitrosodiethylamine	630.	U	660.	U	8700.	U	3100.	U	650.	U	630.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0012-03		003-S-0013-03		003-S-0014-02		003-S-0015-03		003-S-0016-03		003-S-0017-04	
	ORIGINAL ID ----->	003S001203		003S001303		003S001402		003S001503		003S001603		003S001704	
	LAB SAMPLE ID --->	744307		744314		744319		744888		744912		744917	
	ID FROM REPORT -->	03S001203		03S001303		03S001402		03S001503		03S001603		03S001704	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/09/95		08/10/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/10/95		08/11/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		MG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
62-50-0	Ethyl methanesulfonate	630.	U	660.	U	10000.	U	3100.	U	650.	U	630.	U
62-53-3	Aniline	590.	U	610.	U	7900.	U	2900.	U	610.	U	590.	U
76-01-7	Pentachloroethane	870.	U	910.	U	9700.	U	4300.	U	900.	U	870.	U
100-44-7	Benzyl chloride	610.	U	640.	U	9600.	U	3000.	U	630.	U	610.	U
100-51-6	Benzyl alcohol	580.	U	600.	U	9100.	U	2800.	U	600.	U	580.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	680.	U	710.	U	10000.	U	3300.	U	700.	U	680.	U
930-55-2	N-Nitrosopyrrolidine	560.	U	580.	U	12000.	U	2700.	U	570.	U	560.	U
98-86-2	Acetophenone	700.	U	720.	U	11000.	U	3400.	U	720.	U	690.	U
59-89-2	N-Nitrosomorpholine	790.	U	820.	U	12000.	U	3900.	U	810.	U	790.	U
636-21-5	o-Toluidine hydrochloride	2100.	U	2200.	U	16000.	U	10000.	U	2200.	U	2100.	U
100-75-4	N-Nitrosopiperidine	780.	U	810.	U	10000.	U	3800.	U	800.	U	780.	U
108-70-3	1,3,5-Trichlorobenzene	640.	U	670.	U	9000.	U	3100.	U	660.	U	640.	U
98-87-3	Benzal chloride	560.	U	580.	U	15000.	U	2700.	U	570.	U	560.	U
126-68-1	O,O,O-Triethylphosphorothioate	5600.	U	5800.	U	96000.	U	27000.	U	5700.	U	5600.	U
65-85-0	Benzoic acid	2000.	U	2100.	U	36000.	U	9800.	U	2100.	U	2000.	U
87-65-0	2,6-Dichlorophenol	1300.	U	1300.	U	20000.	U	6200.	U	1300.	U	1300.	U
1888-71-7	Hexachloropropene	600.	U	620.	U	30000.	U	2900.	U	620.	U	600.	U
87-61-6	1,2,3-Trichlorobenzene	630.	U	660.	U	9700.	U	3100.	U	650.	U	630.	U
98-07-7	Benzotrichloride	650.	U	680.	U	21000.	U	3200.	U	670.	U	650.	U
924-16-3	N-Nitroso-di-n-butylamine	1500.	U	1500.	U	11000.	U	7200.	U	1500.	U	1500.	U
94-59-7	Safrole	610.	U	640.	U	11000.	U	3000.	U	630.	U	610.	U
90-12-0	1-Methyl naphthalene	1200.	U	1200.	U	5800.	J	5700.	U	1200.	U	1200.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1400.	U	1400.	U	25000.	U	6700.	U	1400.	U	1400.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	1400.	U	1400.	U	25000.	U	6700.	U	1400.	U	1400.	U
120-58-1	Isosafrole	1400.	U	1400.	U	20000.	U	6700.	U	1400.	U	1400.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	670.	U	700.	U	12000.	U	3300.	U	690.	U	670.	U
90-13-1	1-Chloronaphthalene	1300.	U	1300.	U	17000.	U	6200.	U	1300.	U	1300.	U
130-15-4	1,4-Naphthoquinone	1700.	U	1800.	U	20000.	U	8200.	U	1700.	U	1700.	U
99-65-0	1,3-Dinitrobenzene	590.	U	610.	U	16000.	U	2900.	U	610.	U	590.	U
608-93-5	Pentachlorobenzene	700.	U	720.	U	14000.	U	3400.	U	720.	U	690.	U
91-59-8	2-Naphthylamine	910.	U	940.	U	11000.	U	4400.	U	930.	U	900.	U
58-90-2	2,3,4,6-Tetrachlorophenol	1500.	U	1500.	U	25000.	U	7200.	U	1500.	U	1500.	U
134-32-7	1-Naphthylamine	1500.	U	1500.	U	22000.	U	7200.	U	1500.	U	1500.	U
297-97-2	Thionazin	710.	U	730.	U	12000.	U	3400.	U	730.	U	700.	U
99-55-8	5-Nitro-o-toluidine	1100.	U	1100.	U	22000.	U	5100.	U	1100.	U	1000.	U
122-39-4	Diphenylamine	1500.	U	1500.	U	26000.	U	7200.	U	1500.	U	1500.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0012-03		003-S-0013-03		003-S-0014-02		003-S-0015-03		003-S-0016-03		003-S-0017-04	
	ORIGINAL ID ----->	003S001203		003S001303		003S001402		003S001503		003S001603		003S001704	
	LAB SAMPLE ID --->	744307		744314		744319		744888		744912		744917	
	ID FROM REPORT -->	03S001203		03S001303		03S001402		03S001503		03S001603		03S001704	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/09/95		08/10/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/10/95		08/11/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		MG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL	00003	VAL
122-66-7	Hydrazine, 1,2-diphenyl	730.	U	760.	U	13000.	U	3500.	U	750.	U	720.	U
99-35-4	1,3,5-Trinitrobenzene	960.	U	1000.	U	32000.	U	4700.	U	990.	U	960.	U
2303-16-4	Diallate	700.	U	720.	U	13000.	U	3400.	U	720.	U	690.	U
62-44-2	Phenacetin	640.	U	670.	U	16000.	U	3100.	U	660.	U	640.	U
60-51-5	Dimethoate	700.	U	720.	U	12000.	U	3400.	U	720.	U	690.	U
92-67-1	4-Aminobiphenyl	430.	U	450.	U	13000.	U	2100.	U	440.	U	430.	U
23950-58-5	Pronamide	680.	U	710.	U	11000.	U	3300.	U	700.	U	680.	U
82-68-8	Pentachloronitrobenzene	670.	U	700.	U	11000.	U	3300.	U	690.	U	670.	U
56-57-5	4-Nitroquinoline 1-oxide	5100.	U	5300.	U	84000.	U	25000.	U	5200.	U	5000.	U
91-80-5	Methapyrilene	1400.	U	1400.	U	28000.	U	6700.	U	1400.	U	1400.	U
6055-19-2	Cyclophosphamide Hydrate	660.	U	690.	U	18000.	U	3200.	U	680.	U	660.	U
465-73-6	Isodrin	970.	U	1000.	U	12000.	U	4700.	U	1000.	U	970.	U
92-87-5	Benzidine	1700.	U	1800.	U	11000.	U	8200.	U	1700.	U	1700.	U
140-57-8	Aramite	700.	U	720.	U	43000.	U	3400.	U	720.	U	690.	U
60-11-7	p-(Dimethylamino)azobenzene	710.	U	730.	U	16000.	U	3400.	U	730.	U	700.	U
510-15-6	Chlorobenzilate	750.	U	780.	U	17000.	U	3600.	U	770.	U	750.	U
52-85-7	Famphur	2100.	U	2200.	U	23000.	U	10000.	U	2200.	U	2100.	U
119-93-7	3,3-Dimethylbenzidine	1000.	U	1100.	U	26000.	U	5000.	U	1100.	U	1000.	U
53-96-3	Acetamidofluorene	750.	U	780.	U	15000.	U	3600.	U	770.	U	750.	U
119-90-4	3,3'-Dimethoxybenzidine	1000.	U	1100.	U	22000.	U	5000.	U	1100.	U	1000.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	470.	U	490.	U	18000.	U	2300.	U	490.	U	470.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	430.	U	450.	U	13000.	U	2100.	U	440.	U	430.	U
56-49-5	3-Methyl cholanthrene	640.	U	670.	U	16000.	U	3100.	U	660.	U	640.	U
224-42-0	Dibenz(a,j)acridine	430.	U	450.	U	16000.	U	2100.	U	440.	U	430.	U
108-39-4	3-Methylphenol (m-Cresol)	1400.	U	1400.	U	27000.	U	6700.	U	1400.	U	1400.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-04	
	ORIGINAL ID ----->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	LAB SAMPLE ID --->	744920		744924		744930		744960		744969		744982	
	ID FROM REPORT -->	03S001803		03S001902		03S002003		03C002003		03S002103		03S002204	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/02/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/08/95		08/08/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/09/95		08/10/95		08/09/95		08/09/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
106-44-5	4-Methylphenol (p-Cresol)	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U
101-55-3	4-Bromophenyl-phenylether	800.	U	4000.	U	790.	U	800.	U	860.	U	790.	U
108-95-2	Phenol	610.	U	3100.	U	600.	U	600.	U	660.	U	600.	U
111-44-4	bis(2-Chloroethyl)ether	630.	U	3200.	U	620.	U	630.	U	680.	U	620.	U
95-57-8	2-Chlorophenol	670.	U	3400.	U	660.	U	670.	U	730.	U	660.	U
541-73-1	1,3-Dichlorobenzene	540.	U	2700.	U	540.	U	540.	U	590.	U	540.	U
106-46-7	1,4-Dichlorobenzene	560.	U	2800.	U	550.	U	550.	U	600.	U	550.	U
95-50-1	1,2-Dichlorobenzene	630.	U	3200.	U	620.	U	630.	U	680.	U	620.	U
95-48-7	2-Methylphenol (o-Cresol)	690.	U	3500.	U	680.	U	690.	U	750.	U	680.	U
621-64-7	N-Nitroso-di-n-propylamine	650.	U	3300.	U	640.	U	650.	U	700.	U	640.	U
67-72-1	Hexachloroethane	640.	U	3200.	U	630.	U	640.	U	690.	U	630.	U
98-95-3	Nitrobenzene	730.	U	3700.	U	720.	U	720.	U	780.	U	710.	U
78-59-1	Isophorone	730.	U	3700.	U	720.	U	720.	U	780.	U	710.	U
88-75-5	2-Nitrophenol	660.	U	3300.	U	650.	U	660.	U	710.	U	650.	U
105-67-9	2,4-Dimethylphenol	650.	U	3300.	U	640.	U	650.	U	700.	U	640.	U
111-91-1	bis(2-Chloroethoxy)methane	720.	U	3600.	U	710.	U	710.	U	770.	U	700.	U
120-83-2	2,4-Dichlorophenol	590.	U	3000.	U	580.	U	580.	U	630.	U	580.	U
120-82-1	1,2,4-Trichlorobenzene	590.	U	3000.	U	580.	U	580.	U	630.	U	580.	U
91-20-3	Naphthalene	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
106-47-8	4-Chloroaniline	740.	U	3700.	U	730.	U	730.	U	790.	U	720.	U
87-68-3	Hexachlorobutadiene	600.	U	3000.	U	590.	U	590.	U	640.	U	590.	U
59-50-7	4-Chloro-3-methylphenol	800.	U	4000.	U	790.	U	800.	U	860.	U	790.	U
91-57-6	2-Methylnaphthalene	900.	U	4500.	U	880.	U	890.	U	970.	U	880.	U
77-47-4	Hexachlorocyclopentadiene	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
88-06-2	2,4,6-Trichlorophenol	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U
95-95-4	2,4,5-Trichlorophenol	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U
91-58-7	2-Chloronaphthalene	1000.	U	5200.	U	1000.	U	1000.	U	1100.	U	1000.	U
88-74-4	2-Nitroaniline	1200.	U	5900.	U	1200.	U	1200.	U	1300.	U	1200.	U
131-11-3	Dimethyl phthalate	1000.	U	5200.	U	1000.	U	1000.	U	1100.	U	1000.	U
606-20-2	2,6-Dinitrotoluene	800.	U	4000.	U	790.	U	800.	U	860.	U	790.	U
208-96-8	Acenaphthylene	720.	U	3600.	U	710.	U	710.	U	770.	U	700.	U
99-09-2	3-Nitroaniline	740.	U	3700.	U	730.	U	730.	U	790.	U	720.	U
83-32-9	Acenaphthene	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
51-28-5	2,4-Dinitrophenol	1800.	U	9100.	U	1800.	U	1800.	U	2000.	U	1800.	U
100-02-7	4-Nitrophenol	4800.	U	24000.	U	4700.	U	4800.	U	5200.	U	4700.	U
121-14-2	2,4-Dinitrotoluene	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-04	
	ORIGINAL ID ----->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	LAB SAMPLE ID --->	744920		744924		744930		744960		744969		744982	
	ID FROM REPORT -->	03S001803		03S001902		03S002003		03C002003		03S002103		03S002204	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/02/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/08/95		08/08/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/09/95		08/10/95		08/09/95		08/09/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
132-64-9	Dibenzofuran	740.	U	3700.	U	730.	U	730.	U	790.	U	720.	U
84-66-2	Diethylphthalate	770.	U	3900.	U	710.	U	710.	U	770.	U	700.	U
7005-72-3	4-Chlorophenylphenylether	640.	U	3200.	U	630.	U	640.	U	690.	U	630.	U
86-73-7	Fluorene	740.	U	3700.	U	730.	U	730.	U	790.	U	720.	U
100-01-6	4-Nitroaniline	1200.	U	5900.	U	1200.	U	1200.	U	1300.	U	1200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	9700.	U	1900.	U	1900.	U	2100.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	1500.	U	7500.	U	1500.	U	1500.	U	1600.	U	1500.	U
118-74-1	Hexachlorobenzene	820.	U	4100.	U	810.	U	820.	U	890.	U	810.	U
87-86-5	Pentachlorophenol	1500.	U	7500.	U	1500.	U	1500.	U	1600.	U	1500.	U
85-01-8	Phenanthrene	660.	U	3300.	U	650.	U	660.	U	710.	U	650.	U
120-12-7	Anthracene	790.	U	4000.	U	780.	U	780.	U	850.	U	780.	U
84-74-2	Di-n-butylphthalate	820.	U	4100.	U	780.	U	780.	U	890.	U	810.	U
206-44-0	Fluoranthene	980.	U	4900.	U	970.	U	980.	U	1100.	U	970.	U
129-00-0	Pyrene	780.	U	3900.	U	770.	U	770.	U	840.	U	770.	U
85-68-7	Butylbenzylphthalate	730.	U	3700.	U	720.	U	720.	U	780.	U	710.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	800.	U	4000.	U	470.	U	480.	U	860.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	530.	U	2700.	U	530.	U	530.	U	580.	U	520.	U
56-55-3	Benzo(a)anthracene	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
218-01-9	Chrysene	580.	U	2900.	U	570.	U	570.	U	620.	U	570.	U
117-84-0	Di-n-octyl phthalate	510.	U	2600.	U	510.	U	510.	U	550.	U	500.	U
205-99-2	Benzo(b)fluoranthene	820.	U	4100.	U	810.	U	820.	U	890.	U	810.	U
207-08-9	Benzo(k)fluoranthene	660.	U	3300.	U	650.	U	660.	U	710.	U	650.	U
50-32-8	Benzo(a)pyrene	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
193-39-5	Indeno(1,2,3-cd)pyrene	490.	U	2500.	U	480.	U	490.	U	530.	U	480.	U
53-70-3	Dibenz(a,h)anthracene	460.	U	2300.	U	450.	U	460.	U	500.	U	450.	U
191-24-2	Benzo(g,h,i)perylene	660.	U	3300.	U	650.	U	660.	U	710.	U	650.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	700.	U	3500.	U	12000.	U	12000.	U	13000.	U	12000.	U
110-86-1	Pyridine	590.	U	3000.	U	2300.	U	2300.	U	2500.	U	2300.	U
123-63-7	Paraldehyde	380.	U	1900.	U	380.	U	380.	U	410.	U	380.	U
97-63-2	Ethyl methacrylate	630.	U	3200.	U	620.	U	630.	U	680.	U	620.	U
109-06-8	2-Picoline	1300.	U	6500.	U	1300.	U	1300.	U	1400.	U	1300.	U
10595-95-6	N-Nitrosomethylethylamine	580.	U	2900.	U	570.	U	570.	U	620.	U	570.	U
66-27-3	Methyl methanesulfonate	750.	U	3800.	U	740.	U	740.	U	810.	U	730.	U
55-18-5	N-Nitrosodiethylamine	640.	U	3200.	U	630.	U	640.	U	690.	U	630.	U

*** Validation Complete ***

SVOA													
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-04	
	ORIGINAL ID ----->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	LAB SAMPLE ID --->	744920		744924		744930		744960		744969		744982	
	ID FROM REPORT -->	03S001803		03S001902		03S002003		03C002003		03S002103		03S002204	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/02/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/08/95		08/08/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/09/95		08/10/95		08/09/95		08/09/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
62-50-0	Ethyl methanesulfonate	640.	U	3200.	U	630.	U	640.	U	690.	U	630.	U
62-53-3	Aniline	600.	U	3000.	U	590.	U	590.	U	640.	U	590.	U
76-01-7	Pentachloroethane	890.	U	4500.	U	870.	U	880.	U	960.	U	870.	U
100-44-7	Benzyl chloride	620.	U	3100.	U	610.	U	620.	U	670.	U	610.	U
100-51-6	Benzyl alcohol	590.	U	3000.	U	580.	U	580.	U	630.	U	580.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	690.	U	3500.	U	680.	U	690.	U	750.	U	680.	U
930-55-2	N-Nitrosopyrrolidine	570.	U	2800.	U	560.	U	560.	U	610.	U	560.	U
98-86-2	Acetophenone	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
59-89-2	N-Nitrosomorpholine	800.	U	4000.	U	790.	U	800.	U	860.	U	790.	U
636-21-5	o-Toluidine hydrochloride	2100.	U	11000.	U	2100.	U	2100.	U	2300.	U	2100.	U
100-75-4	N-Nitrosopiperidine	790.	U	4000.	U	780.	U	780.	U	850.	U	780.	U
108-70-3	1,3,5-Trichlorobenzene	650.	U	3300.	U	640.	U	650.	U	700.	U	640.	U
98-87-3	Benzal chloride	570.	U	2800.	U	560.	U	560.	U	610.	U	560.	U
126-68-1	O,O,O-Triethylphosphorothioate	5700.	U	28000.	U	5600.	U	5600.	U	6100.	U	5600.	U
65-85-0	Benzoic acid	2000.	U	10000.	U	2000.	U	2000.	U	2200.	U	2000.	U
87-65-0	2,6-Dichlorophenol	1300.	U	6500.	U	1300.	U	1300.	U	1400.	U	1300.	U
1888-71-7	Hexachloropropene	610.	U	3100.	U	600.	U	600.	U	660.	U	600.	U
87-61-6	1,2,3-Trichlorobenzene	640.	U	3200.	U	630.	U	640.	U	690.	U	630.	U
98-07-7	Benzotrichloride	660.	U	3300.	U	650.	U	660.	U	710.	U	650.	U
924-16-3	N-Nitroso-di-n-butylamine	1500.	U	7500.	U	1500.	U	1500.	U	1600.	U	1500.	U
94-59-7	Safrole	620.	U	3100.	U	610.	U	620.	U	670.	U	610.	U
90-12-0	1-Methyl naphthalene	1200.	U	5900.	U	1200.	U	1200.	U	1300.	U	1200.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U
120-58-1	Isosafrole	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	680.	U	3400.	U	670.	U	680.	U	740.	U	670.	U
90-13-1	1-Chloronaphthalene	1300.	U	6500.	U	1300.	U	1300.	U	1400.	U	1300.	U
130-15-4	1,4-Naphthoquinone	1700.	U	8600.	U	1700.	U	1700.	U	1800.	U	1700.	U
99-65-0	1,3-Dinitrobenzene	600.	U	3000.	U	590.	U	590.	U	640.	U	590.	U
608-93-5	Pentachlorobenzene	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
91-59-8	2-Naphthylamine	920.	U	4600.	U	910.	U	910.	U	990.	U	900.	U
58-90-2	2,3,4,6-Tetrachlorophenol	1500.	U	7500.	U	1500.	U	1500.	U	1600.	U	1500.	U
134-32-7	1-Naphthylamine	1500.	U	7500.	U	1500.	U	1500.	U	1600.	U	1500.	U
297-97-2	Thionazin	720.	U	3600.	U	710.	U	710.	U	770.	U	700.	U
99-55-8	5-Nitro-o-toluidine	1100.	U	5400.	U	1100.	U	1100.	U	1200.	U	1000.	U
122-39-4	Diphenylamine	1500.	U	7500.	U	1500.	U	1500.	U	1600.	U	1500.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-04	
	ORIGINAL ID ----->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	LAB SAMPLE ID --->	744920		744924		744930		744960		744969		744982	
	ID FROM REPORT -->	03S001803		03S001902		03S002003		03C002003		03S002103		03S002204	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/02/95		08/02/95		08/02/95		08/02/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/08/95		08/08/95		08/08/95		08/08/95	
	DATE ANALYZED --->	08/09/95		08/10/95		08/09/95		08/09/95		08/09/95		08/09/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
122-66-7	Hydrazine, 1,2-diphenyl	740.	U	3700.	U	730.	U	730.	U	790.	U	720.	U
99-35-4	1,3,5-Trinitrobenzene	970.	U	4900.	U	960.	U	960.	U	1000.	U	960.	U
2303-16-4	Diallate	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
62-44-2	Phenacetin	650.	U	3300.	U	640.	U	650.	U	700.	U	640.	U
60-51-5	Dimethoate	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
92-67-1	4-Aminobiphenyl	440.	U	2200.	U	430.	U	430.	U	470.	U	430.	U
23950-58-5	Pronamide	690.	U	3500.	U	680.	U	690.	U	750.	U	680.	U
82-68-8	Pentachloronitrobenzene	680.	U	3400.	U	670.	U	680.	U	740.	U	670.	U
56-57-5	4-Nitroquinoline 1-oxide	5100.	U	26000.	U	5100.	U	5100.	U	5500.	U	5000.	U
91-80-5	Methapyrilene	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U
6055-19-2	Cyclophosphamide Hydrate	670.	U	3400.	U	660.	U	670.	U	730.	U	660.	U
465-73-6	Isodrin	980.	U	4900.	U	970.	U	980.	U	1100.	U	970.	U
92-87-5	Benzidine	1700.	U	8600.	U	1700.	U	1700.	U	1800.	U	1700.	U
140-57-8	Aramite	700.	U	3500.	U	700.	U	700.	U	760.	U	690.	U
60-11-7	p-(Dimethylamino)azobenzene	720.	U	3600.	U	710.	U	710.	U	770.	U	700.	U
510-15-6	Chlorobenzilate	760.	U	3800.	U	750.	U	750.	U	820.	U	750.	U
52-85-7	Famphur	2100.	U	11000.	U	2100.	U	2100.	U	2300.	U	2100.	U
119-93-7	3,3-Dimethylbenzidine	1000.	U	5200.	U	1000.	U	1000.	U	1100.	U	1000.	U
53-96-3	Acetamidofluorene	760.	U	3800.	U	750.	U	750.	U	820.	U	750.	U
119-90-4	3,3'-Dimethoxybenzidine	1000.	U	5200.	U	1000.	U	1000.	U	1100.	U	1000.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	480.	U	2400.	U	470.	U	480.	U	520.	U	470.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	440.	U	2200.	U	430.	U	430.	U	470.	U	430.	U
56-49-5	3-Methyl cholanthrene	650.	U	3300.	U	640.	U	650.	U	700.	U	640.	U
224-42-0	Dibenz(a,j)acridine	440.	U	2200.	U	430.	U	430.	U	470.	U	430.	U
108-39-4	3-Methylphenol (m-Cresol)	1400.	U	7000.	U	1400.	U	1400.	U	1500.	U	1400.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0023-03		003-S-0024-03		003-S-0025-03		003-S-0026-04		003-S-0027-04		003-S-0028-04	
	ORIGINAL ID ----->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	LAB SAMPLE ID --->	744986		744990		745431		744995		744998		745455	
	ID FROM REPORT -->	03S002303		03S002403		03S002503		03S002604		03S002704		03S002804	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/07/95		08/02/95		08/02/95		08/07/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/10/95		08/08/95		08/08/95		08/10/95	
	DATE ANALYZED --->	08/09/95		08/09/95		08/11/95		08/09/95		08/09/95		08/11/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
106-44-5	4-Methylphenol (p-Cresol)	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U
101-55-3	4-Bromophenyl-phenylether	820.	U	790.	U	780.	U	780.	U	790.	U	790.	U
108-95-2	Phenol	620.	U	600.	U	600.	U	590.	U	600.	U	600.	U
111-44-4	bis(2-Chloroethyl)ether	640.	U	620.	U	620.	U	610.	U	620.	U	620.	U
95-57-8	2-Chlorophenol	680.	U	660.	U	660.	U	650.	U	660.	U	670.	U
541-73-1	1,3-Dichlorobenzene	550.	U	540.	U	530.	U	530.	U	540.	U	540.	U
106-46-7	1,4-Dichlorobenzene	570.	U	550.	U	540.	U	540.	U	550.	U	550.	U
95-50-1	1,2-Dichlorobenzene	640.	U	620.	U	620.	U	610.	U	620.	U	620.	U
95-48-7	2-Methylphenol (o-Cresol)	710.	U	680.	U	680.	U	670.	U	680.	U	690.	U
621-64-7	N-Nitroso-di-n-propylamine	660.	U	640.	U	640.	U	630.	U	640.	U	640.	U
67-72-1	Hexachloroethane	650.	U	630.	U	630.	U	620.	U	630.	U	630.	U
98-95-3	Nitrobenzene	740.	U	710.	U	710.	U	700.	U	710.	U	720.	U
78-59-1	Isophorone	740.	U	710.	U	710.	U	700.	U	710.	U	720.	U
88-75-5	2-Nitrophenol	670.	U	650.	U	650.	U	640.	U	650.	U	660.	U
105-67-9	2,4-Dimethylphenol	660.	U	640.	U	640.	U	630.	U	640.	U	640.	U
111-91-1	bis(2-Chloroethoxy)methane	730.	U	700.	U	700.	U	690.	U	700.	U	710.	U
120-83-2	2,4-Dichlorophenol	600.	U	580.	U	580.	U	570.	U	580.	U	580.	U
120-82-1	1,2,4-Trichlorobenzene	600.	U	580.	U	580.	U	570.	U	580.	U	580.	U
91-20-3	Naphthalene	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
106-47-8	4-Chloroaniline	750.	U	720.	U	720.	U	710.	U	720.	U	730.	U
87-68-3	Hexachlorobutadiene	610.	U	590.	U	590.	U	580.	U	590.	U	590.	U
59-50-7	4-Chloro-3-methylphenol	820.	U	790.	U	780.	U	780.	U	790.	U	790.	U
91-57-6	2-Methylnaphthalene	910.	U	880.	U	880.	U	870.	U	880.	U	890.	U
77-47-4	Hexachlorocyclopentadiene	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
88-06-2	2,4,6-Trichlorophenol	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U
95-95-4	2,4,5-Trichlorophenol	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U
91-58-7	2-Chloronaphthalene	1100.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
88-74-4	2-Nitroaniline	1200.	U	1200.	U	1200.	U	1100.	U	1200.	U	1200.	U
131-11-3	Dimethyl phthalate	1100.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
606-20-2	2,6-Dinitrotoluene	820.	U	790.	U	780.	U	780.	U	790.	U	790.	U
208-96-8	Acenaphthylene	730.	U	700.	U	700.	U	690.	U	700.	U	710.	U
99-09-2	3-Nitroaniline	750.	U	720.	U	720.	U	710.	U	720.	U	730.	U
83-32-9	Acenaphthene	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
51-28-5	2,4-Dinitrophenol	1800.	U	1800.	U	1800.	U	1800.	U	1800.	U	1800.	U
100-02-7	4-Nitrophenol	4900.	U	4700.	U	4700.	U	4700.	U	4700.	U	4800.	U
121-14-2	2,4-Dinitrotoluene	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0023-03		003-S-0024-03		003-S-0025-03		003-S-0026-04		003-S-0027-04		003-S-0028-04	
	ORIGINAL ID ----->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	LAB SAMPLE ID --->	744986		744990		745431		744995		744998		745455	
	ID FROM REPORT -->	03S002303		03S002403		03S002503		03S002604		03S002704		03S002804	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/07/95		08/02/95		08/02/95		08/07/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/10/95		08/08/95		08/08/95		08/10/95	
	DATE ANALYZED --->	08/09/95		08/09/95		08/11/95		08/09/95		08/09/95		08/11/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
132-64-9	Dibenzofuran	750.	U	720.	U	720.	U	710.	U	720.	U	730.	U
84-66-2	Diethylphthalate	730.	U	700.	U	750.	U	690.	U	760.	U	760.	U
7005-72-3	4-Chlorophenylphenylether	650.	U	630.	U	630.	U	620.	U	630.	U	630.	U
86-73-7	Fluorene	750.	U	720.	U	720.	U	710.	U	720.	U	730.	U
100-01-6	4-Nitroaniline	1200.	U	1200.	U	1200.	U	1100.	U	1200.	U	1200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	1900.	U	1900.	U	1900.	U	1900.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	1500.	U	1500.	U	1500.	U	1400.	U	1500.	U	1500.	U
118-74-1	Hexachlorobenzene	840.	U	810.	U	810.	U	800.	U	810.	U	810.	U
87-86-5	Pentachlorophenol	1500.	U	1500.	U	1500.	U	1400.	U	1500.	U	1500.	U
85-01-8	Phenanthrene	670.	U	650.	U	650.	U	640.	U	650.	U	660.	U
120-12-7	Anthracene	800.	U	780.	U	770.	U	770.	U	780.	U	780.	U
84-74-2	Di-n-butylphthalate	840.	U	810.	U	810.	U	770.	U	780.	U	810.	U
206-44-0	Fluoranthene	1000.	U	970.	U	960.	U	950.	U	970.	U	970.	U
129-00-0	Pyrene	790.	U	770.	U	760.	U	760.	U	770.	U	770.	U
85-68-7	Butylbenzylphthalate	740.	U	710.	U	710.	U	700.	U	710.	U	720.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	490.	U	470.	U	780.	U	470.	U	790.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	540.	U	520.	U	520.	U	520.	U	520.	U	530.	U
56-55-3	Benzo(a)anthracene	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
218-01-9	Chrysene	590.	U	570.	U	560.	U	560.	U	570.	U	570.	U
117-84-0	Di-n-octyl phthalate	520.	U	500.	U	500.	U	500.	U	500.	U	510.	U
205-99-2	Benzo(b)fluoranthene	840.	U	810.	U	810.	U	800.	U	810.	U	810.	U
207-08-9	Benzo(k)fluoranthene	670.	U	650.	U	650.	U	640.	U	650.	U	660.	U
50-32-8	Benzo(a)pyrene	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
193-39-5	Indeno(1,2,3-cd)pyrene	500.	U	480.	U	480.	U	480.	U	480.	U	490.	U
53-70-3	Dibenz(a,h)anthracene	470.	U	450.	U	450.	U	440.	U	450.	U	450.	U
191-24-2	Benzo(g,h,i)perylene	670.	U	650.	U	650.	U	640.	U	650.	U	660.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	12000.	U	12000.	U	12000.	U	11000.	U	12000.	U	12000.	U
110-86-1	Pyridine	2400.	U	2300.	U	2300.	U	2300.	U	2300.	U	2300.	U
123-63-7	Paraldehyde	390.	U	380.	U	380.	U	370.	U	380.	U	380.	U
97-63-2	Ethyl methacrylate	640.	U	620.	U	620.	U	610.	U	620.	U	620.	U
109-06-8	2-Picoline	1300.	U	1300.	U	1300.	U	1200.	U	1300.	U	1300.	U
10595-95-6	N-Nitrosomethylethylamine	590.	U	570.	U	560.	U	560.	U	570.	U	570.	U
66-27-3	Methyl methanesulfonate	760.	U	730.	U	730.	U	720.	U	730.	U	740.	U
55-18-5	N-Nitrosodiethylamine	650.	U	630.	U	630.	U	620.	U	630.	U	630.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0023-03		003-S-0024-03		003-S-0025-03		003-S-0026-04		003-S-0027-04		003-S-0028-04	
	ORIGINAL ID ----->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	LAB SAMPLE ID --->	744986		744990		745431		744995		744998		745455	
	ID FROM REPORT -->	03S002303		03S002403		03S002503		03S002604		03S002704		03S002804	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/07/95		08/02/95		08/02/95		08/07/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/10/95		08/08/95		08/08/95		08/10/95	
	DATE ANALYZED --->	08/09/95		08/09/95		08/11/95		08/09/95		08/09/95		08/11/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
62-50-0	Ethyl methanesulfonate	650.	U	630.	U	630.	U	620.	U	630.	U	630.	U
62-53-3	Aniline	610.	U	590.	U	590.	U	580.	U	590.	U	590.	U
76-01-7	Pentachloroethane	900.	U	870.	U	870.	U	860.	U	870.	U	880.	U
100-44-7	Benzyl chloride	630.	U	610.	U	610.	U	600.	U	610.	U	610.	U
100-51-6	Benzyl alcohol	600.	U	580.	U	580.	U	570.	U	580.	U	580.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	710.	U	680.	U	680.	U	670.	U	680.	U	690.	U
930-55-2	N-Nitrosopyrrolidine	580.	U	560.	U	550.	U	550.	U	560.	U	560.	U
98-86-2	Acetophenone	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
59-89-2	N-Nitrosomorpholine	820.	U	790.	U	780.	U	780.	U	790.	U	790.	U
636-21-5	o-Toluidine hydrochloride	2200.	U	2100.	U	2100.	U	2100.	U	2100.	U	2100.	U
100-75-4	N-Nitrosopiperidine	800.	U	780.	U	770.	U	770.	U	780.	U	780.	U
108-70-3	1,3,5-Trichlorobenzene	660.	U	640.	U	640.	U	630.	U	640.	U	640.	U
98-87-3	Benzal chloride	580.	U	560.	U	550.	U	550.	U	560.	U	560.	U
126-68-1	O,O,O-Triethylphosphorothioate	5800.	U	5600.	U	5500.	U	5500.	U	5600.	U	5600.	U
65-85-0	Benzoic acid	2100.	U	2000.	U	2000.	U	2000.	U	2000.	U	2000.	U
87-65-0	2,6-Dichlorophenol	1300.	U	1300.	U	1300.	U	1200.	U	1300.	U	1300.	U
1888-71-7	Hexachloropropene	620.	U	600.	U	600.	U	590.	U	600.	U	600.	U
87-61-6	1,2,3-Trichlorobenzene	650.	U	630.	U	630.	U	620.	U	630.	U	630.	U
98-07-7	Benzotrichloride	670.	U	650.	U	650.	U	640.	U	650.	U	660.	U
924-16-3	N-Nitroso-di-n-butylamine	1500.	U	1500.	U	1500.	U	1400.	U	1500.	U	1500.	U
94-59-7	Safrole	630.	U	610.	U	610.	U	600.	U	610.	U	610.	U
90-12-0	1-Methyl naphthalene	1200.	U	1200.	U	1200.	U	1100.	U	1200.	U	1200.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U
120-58-1	Isosafrole	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	700.	U	670.	U	670.	U	660.	U	670.	U	680.	U
90-13-1	1-Chloronaphthalene	1300.	U	1300.	U	1300.	U	1200.	U	1300.	U	1300.	U
130-15-4	1,4-Naphthoquinone	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U
99-65-0	1,3-Dinitrobenzene	610.	U	590.	U	590.	U	580.	U	590.	U	590.	U
608-93-5	Pentachlorobenzene	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
91-59-8	2-Naphthylamine	930.	U	900.	U	900.	U	890.	U	900.	U	910.	U
58-90-2	2,3,4,6-Tetrachlorophenol	1500.	U	1500.	U	1500.	U	1400.	U	1500.	U	1500.	U
134-32-7	1-Naphthylamine	1500.	U	1500.	U	1500.	U	1400.	U	1500.	U	1500.	U
297-97-2	Thionazin	730.	U	700.	U	700.	U	690.	U	700.	U	710.	U
99-55-8	5-Nitro-o-toluidine	1100.	U	1000.	U	1000.	U	1000.	U	1000.	U	1100.	U
122-39-4	Diphenylamine	1500.	U	1500.	U	1500.	U	1400.	U	1500.	U	1500.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0023-03		003-S-0024-03		003-S-0025-03		003-S-0026-04		003-S-0027-04		003-S-0028-04	
	ORIGINAL ID ----->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	LAB SAMPLE ID --->	744986		744990		745431		744995		744998		745455	
	ID FROM REPORT -->	03S002303		03S002403		03S002503		03S002604		03S002704		03S002804	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/07/95		08/02/95		08/02/95		08/07/95	
	DATE EXTRACTED -->	08/08/95		08/08/95		08/10/95		08/08/95		08/08/95		08/10/95	
	DATE ANALYZED --->	08/09/95		08/09/95		08/11/95		08/09/95		08/09/95		08/11/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL	00074	VAL
122-66-7	Hydrazine, 1,2-diphenyl	750.	U	720.	U	720.	U	710.	U	720.	U	730.	U
99-35-4	1,3,5-Trinitrobenzene	990.	U	950.	U	950.	U	940.	U	950.	U	960.	U
2303-16-4	Diallate	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
62-44-2	Phenacetin	660.	U	640.	U	640.	U	630.	U	640.	U	640.	U
60-51-5	Dimethoate	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
92-67-1	4-Aminobiphenyl	450.	U	430.	U	430.	U	420.	U	430.	U	430.	U
23950-58-5	Pronamide	710.	U	680.	U	680.	U	670.	U	680.	U	690.	U
82-68-8	Pentachloronitrobenzene	700.	U	670.	U	670.	U	660.	U	670.	U	680.	U
56-57-5	4-Nitroquinoline 1-oxide	5200.	U	5000.	U	5000.	U	5000.	U	5000.	U	5100.	U
91-80-5	Methapyrilene	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U
6055-19-2	Cyclophosphamide Hydrate	680.	U	660.	U	660.	U	650.	U	660.	U	670.	U
465-73-6	Isodrin	1000.	U	970.	U	960.	U	950.	U	970.	U	970.	U
92-87-5	Benzidine	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U
140-57-8	Aramite	720.	U	690.	U	690.	U	680.	U	690.	U	700.	U
60-11-7	p-(Dimethylamino)azobenzene	730.	U	700.	U	700.	U	690.	U	700.	U	710.	U
510-15-6	Chlorobenzilate	770.	U	740.	U	740.	U	730.	U	740.	U	750.	U
52-85-7	Famphur	2200.	U	2100.	U	2100.	U	2100.	U	2100.	U	2100.	U
119-93-7	3,3-Dimethylbenzidine	1100.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
53-96-3	Acetamidofluorene	770.	U	740.	U	740.	U	730.	U	740.	U	750.	U
119-90-4	3,3'-Dimethoxybenzidine	1100.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	490.	U	470.	U	470.	U	470.	U	470.	U	480.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	450.	U	430.	U	430.	U	420.	U	430.	U	430.	U
56-49-5	3-Methyl cholanthrene	660.	U	640.	U	640.	U	630.	U	640.	U	640.	U
224-42-0	Dibenz(a,j)acridine	450.	U	430.	U	430.	U	420.	U	430.	U	430.	U
108-39-4	3-Methylphenol (m-Cresol)	1400.	U	1400.	U	1400.	U	1300.	U	1400.	U	1400.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0029-03		003-S-0030-02		003-S-0031-02		003-S-0032-02		003-S-0033-02		003-S-0034-02	
	ORIGINAL ID ----->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402	
	LAB SAMPLE ID --->	745470		747207		747223		747228		747233		747237	
	ID FROM REPORT -->	03S002903		03S003002		03S003102		03S003202		03S003302		03S003402	
	SAMPLE DATE ----->	08/07/95		08/14/95		08/14/95		08/14/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/10/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/11/95		08/25/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL
106-44-5	4-Methylphenol (p-Cresol)	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U
101-55-3	4-Bromophenyl-phenylether	790.	U	860.	U	780.	U	970.	U	910.	U	910.	U
108-95-2	Phenol	600.	U	660.	U	590.	U	740.	U	700.	U	700.	U
111-44-4	bis(2-Chloroethyl)ether	620.	U	680.	U	610.	U	770.	U	720.	U	720.	U
95-57-8	2-Chlorophenol	660.	U	720.	U	660.	U	820.	U	770.	U	770.	U
541-73-1	1,3-Dichlorobenzene	540.	U	590.	U	530.	U	660.	U	620.	U	620.	U
106-46-7	1,4-Dichlorobenzene	550.	U	600.	U	540.	U	680.	U	630.	U	630.	U
95-50-1	1,2-Dichlorobenzene	620.	U	680.	U	610.	U	770.	U	720.	U	720.	U
95-48-7	2-Methylphenol (o-Cresol)	680.	U	750.	U	680.	U	840.	U	790.	U	790.	U
621-64-7	N-Nitroso-di-n-propylamine	640.	U	700.	U	640.	U	790.	U	740.	U	740.	U
67-72-1	Hexachloroethane	630.	U	690.	U	620.	U	780.	U	730.	U	730.	U
98-95-3	Nitrobenzene	710.	U	780.	U	710.	U	880.	U	830.	U	830.	U
78-59-1	Isophorone	710.	U	780.	U	710.	U	880.	U	830.	U	830.	U
88-75-5	2-Nitrophenol	650.	U	710.	U	650.	U	810.	U	760.	U	760.	U
105-67-9	2,4-Dimethylphenol	640.	U	700.	U	640.	U	790.	U	740.	U	740.	U
111-91-1	bis(2-Chloroethoxy)methane	700.	U	770.	U	700.	U	870.	U	820.	U	820.	U
120-83-2	2,4-Dichlorophenol	580.	U	630.	U	570.	U	710.	U	670.	U	670.	U
120-82-1	1,2,4-Trichlorobenzene	580.	U	630.	U	570.	U	710.	U	670.	U	670.	U
91-20-3	Naphthalene	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
106-47-8	4-Chloroaniline	720.	U	790.	U	720.	U	900.	U	840.	U	840.	U
87-68-3	Hexachlorobutadiene	590.	U	640.	U	580.	U	730.	U	680.	U	680.	U
59-50-7	4-Chloro-3-methylphenol	790.	U	860.	U	780.	U	970.	U	910.	U	910.	U
91-57-6	2-Methylnaphthalene	880.	U	970.	U	880.	U	1100.	U	1000.	U	1000.	U
77-47-4	Hexachlorocyclopentadiene	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
88-06-2	2,4,6-Trichlorophenol	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U
95-95-4	2,4,5-Trichlorophenol	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U
91-58-7	2-Chloronaphthalene	1000.	U	1100.	U	1000.	U	1300.	U	1200.	U	1200.	U
88-74-4	2-Nitroaniline	1200.	U	1300.	U	1100.	U	1400.	U	1300.	U	1300.	U
131-11-3	Dimethyl phthalate	1000.	U	1100.	U	1000.	U	1300.	U	1200.	U	1200.	U
606-20-2	2,6-Dinitrotoluene	790.	U	860.	U	780.	U	970.	U	910.	U	910.	U
208-96-8	Acenaphthylene	700.	U	770.	U	700.	U	870.	U	820.	U	820.	U
99-09-2	3-Nitroaniline	720.	U	790.	U	720.	U	900.	U	840.	U	840.	U
83-32-9	Acenaphthene	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
51-28-5	2,4-Dinitrophenol	1800.	U	2000.	U	1800.	U	2200.	U	2100.	U	2100.	U
100-02-7	4-Nitrophenol	4700.	U	5200.	U	4700.	U	5800.	U	5500.	U	5500.	U
121-14-2	2,4-Dinitrotoluene	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0029-03		003-S-0030-02		003-S-0031-02		003-S-0032-02		003-S-0033-02		003-S-0034-02	
	ORIGINAL ID ----->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402	
	LAB SAMPLE ID --->	745470		747207		747223		747228		747233		747237	
	ID FROM REPORT -->	03S002903		03S003002		03S003102		03S003202		03S003302		03S003402	
	SAMPLE DATE ----->	08/07/95		08/14/95		08/14/95		08/14/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/10/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/11/95		08/25/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL
132-64-9	Dibenzofuran	720.	U	790.	U	720.	U	900.	U	840.	U	840.	U
84-66-2	Diethylphthalate	760.	U	830.	U	750.	U	870.	U	880.	U	880.	U
7005-72-3	4-Chlorophenylphenylether	630.	U	690.	U	620.	U	780.	U	730.	U	730.	U
86-73-7	Fluorene	720.	U	790.	U	720.	U	900.	U	840.	U	840.	U
100-01-6	4-Nitroaniline	1200.	U	1300.	U	1100.	U	1400.	U	1300.	U	1300.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	2100.	U	1900.	U	2300.	U	2200.	U	2200.	U
86-30-6	N-Nitrosodiphenylamine	1500.	U	1600.	U	1500.	U	1800.	U	1700.	U	1700.	U
118-74-1	Hexachlorobenzene	810.	U	880.	U	800.	U	1000.	U	940.	U	940.	U
87-86-5	Pentachlorophenol	1500.	U	1600.	U	1500.	U	1800.	U	1700.	U	1700.	U
85-01-8	Phenanthrene	650.	U	710.	U	650.	U	810.	U	760.	U	760.	U
120-12-7	Anthracene	780.	U	850.	U	770.	U	960.	U	900.	U	900.	U
84-74-2	Di-n-butylphthalate	810.	U	880.	U	800.	U	960.	U	900.	U	900.	U
206-44-0	Fluoranthene	970.	U	1100.	U	960.	U	1200.	U	1100.	U	1100.	U
129-00-0	Pyrene	770.	U	840.	U	760.	U	950.	U	890.	U	890.	U
85-68-7	Butylbenzylphthalate	710.	U	780.	U	710.	U	880.	U	830.	U	830.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	790.	U	860.	U	780.	U	970.	U	910.	U	910.	U
91-94-1	3,3'-Dichlorobenzidine	520.	U	570.	U	520.	U	650.	U	610.	U	610.	U
56-55-3	Benzo(a)anthracene	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
218-01-9	Chrysene	570.	U	620.	U	560.	U	700.	U	660.	U	660.	U
117-84-0	Di-n-octyl phthalate	500.	U	550.	U	500.	U	620.	U	590.	U	590.	U
205-99-2	Benzo(b)fluoranthene	810.	U	880.	U	800.	U	1000.	U	940.	U	940.	U
207-08-9	Benzo(k)fluoranthene	650.	U	710.	U	650.	U	810.	U	760.	U	760.	U
50-32-8	Benzo(a)pyrene	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
193-39-5	Indeno(1,2,3-cd)pyrene	480.	U	530.	U	480.	U	600.	U	560.	U	560.	U
53-70-3	Dibenz(a,h)anthracene	450.	U	490.	U	450.	U	560.	U	520.	U	520.	U
191-24-2	Benzo(g,h,i)perylene	650.	U	710.	U	650.	U	810.	U	760.	U	760.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	12000.	U	760.	U	690.	U	860.	U	800.	U	800.	U
110-86-1	Pyridine	2300.	U	630.	U	570.	U	710.	U	670.	U	670.	U
123-63-7	Paraldehyde	380.	U	410.	U	380.	U	470.	U	440.	U	440.	U
97-63-2	Ethyl methacrylate	620.	U	680.	U	610.	U	770.	U	720.	U	720.	U
109-06-8	2-Picoline	1300.	U	1400.	U	1200.	U	1600.	U	1500.	U	1500.	U
10595-95-6	N-Nitrosomethylethylamine	570.	U	620.	U	560.	U	700.	U	660.	U	660.	U
66-27-3	Methyl methanesulfonate	730.	U	880.	U	800.	U	1000.	U	940.	U	940.	U
55-18-5	N-Nitrosodiethylamine	630.	U	690.	U	620.	U	780.	U	730.	U	730.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0029-03		003-S-0030-02		003-S-0031-02		003-S-0032-02		003-S-0033-02		003-S-0034-02	
	ORIGINAL ID ----->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402	
	LAB SAMPLE ID --->	745470		747207		747223		747228		747233		747237	
	ID FROM REPORT -->	03S002903		03S003002		03S003102		03S003202		03S003302		03S003402	
	SAMPLE DATE ----->	08/07/95		08/14/95		08/14/95		08/14/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/10/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/11/95		08/25/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL
62-50-0	Ethyl methanesulfonate	630.	U	690.	U	620.	U	780.	U	730.	U	730.	U
62-53-3	Aniline	590.	U	640.	U	580.	U	730.	U	680.	U	680.	U
76-01-7	Pentachloroethane	870.	U	950.	U	860.	U	1100.	U	1000.	U	1000.	U
100-44-7	Benzyl chloride	610.	U	670.	U	600.	U	750.	U	710.	U	710.	U
100-51-6	Benzyl alcohol	580.	U	630.	U	570.	U	710.	U	670.	U	670.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	680.	U	750.	U	680.	U	840.	U	790.	U	790.	U
930-55-2	N-Nitrosopyrrolidine	560.	U	610.	U	550.	U	690.	U	650.	U	650.	U
98-86-2	Acetophenone	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
59-89-2	N-Nitrosomorpholine	790.	U	860.	U	780.	U	970.	U	910.	U	910.	U
636-21-5	o-Toluidine hydrochloride	2100.	U	2300.	U	2100.	U	2600.	U	2400.	U	2400.	U
100-75-4	N-Nitrosopiperidine	780.	U	850.	U	770.	U	960.	U	900.	U	900.	U
108-70-3	1,3,5-Trichlorobenzene	640.	U	700.	U	640.	U	790.	U	740.	U	740.	U
98-87-3	Benzal chloride	560.	U	610.	U	550.	U	690.	U	650.	U	650.	U
126-68-1	O,O,O-Triethylphosphorothioate	5600.	U	6100.	U	5500.	U	6900.	U	6500.	U	6500.	U
65-85-0	Benzoic acid	2000.	U	2200.	U	2000.	U	2500.	U	2300.	U	2300.	U
87-65-0	2,6-Dichlorophenol	1300.	U	1400.	U	1200.	U	1600.	U	1500.	U	1500.	U
1888-71-7	Hexachloropropene	600.	U	660.	U	590.	U	740.	U	700.	U	700.	U
87-61-6	1,2,3-Trichlorobenzene	630.	U	690.	U	620.	U	780.	U	730.	U	730.	U
98-07-7	Benzotrichloride	650.	U	710.	U	650.	U	810.	U	760.	U	760.	U
924-16-3	N-Nitroso-di-n-butylamine	1500.	U	1600.	U	1500.	U	1800.	U	1700.	U	1700.	U
94-59-7	Safrole	610.	U	670.	U	600.	U	750.	U	710.	U	710.	U
90-12-0	1-Methyl naphthalene	1200.	U	1300.	U	1100.	U	1400.	U	1300.	U	1300.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U
120-58-1	Isosafrole	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	670.	U	740.	U	670.	U	830.	U	780.	U	780.	U
90-13-1	1-Chloronaphthalene	1300.	U	1400.	U	1200.	U	1600.	U	1500.	U	1500.	U
130-15-4	1,4-Naphthoquinone	1700.	U	1800.	U	1700.	U	2100.	U	2000.	U	2000.	U
99-65-0	1,3-Dinitrobenzene	590.	U	640.	U	580.	U	730.	U	680.	U	680.	U
608-93-5	Pentachlorobenzene	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
91-59-8	2-Naphthylamine	900.	U	990.	U	900.	U	1100.	U	1000.	U	1000.	U
58-90-2	2,3,4,6-Tetrachlorophenol	1500.	U	1600.	U	1500.	U	1800.	U	1700.	U	1700.	U
134-32-7	1-Naphthylamine	1500.	U	1600.	U	1500.	U	1800.	U	1700.	U	1700.	U
297-97-2	Thionazin	700.	U	770.	U	700.	U	870.	U	820.	U	820.	U
99-55-8	5-Nitro-o-toluidine	1000.	U	1100.	U	1000.	U	1300.	U	1200.	U	1200.	U
122-39-4	Diphenylamine	1500.	U	1600.	U	1500.	U	1800.	U	1700.	U	1700.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

SVOA													
	SAMPLE ID ------->	003-S-0029-03		003-S-0030-02		003-S-0031-02		003-S-0032-02		003-S-0033-02		003-S-0034-02	
	ORIGINAL ID ----->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402	
	LAB SAMPLE ID --->	745470		747207		747223		747228		747233		747237	
	ID FROM REPORT -->	03S002903		03S003002		03S003102		03S003202		03S003302		03S003402	
	SAMPLE DATE ----->	08/07/95		08/14/95		08/14/95		08/14/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/10/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/11/95		08/25/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00074	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL	00157	VAL
122-66-7	Hydrazine, 1,2-diphenyl	720.	U	790.	U	720.	U	900.	U	840.	U	840.	U
99-35-4	1,3,5-Trinitrobenzene	950.	U	1000.	U	950.	U	1200.	U	1100.	U	1100.	U
2303-16-4	Diallate	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
62-44-2	Phenacetin	640.	U	700.	U	640.	U	790.	U	740.	U	740.	U
60-51-5	Dimethoate	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
92-67-1	4-Aminobiphenyl	430.	U	470.	U	430.	U	530.	U	500.	U	500.	U
23950-58-5	Pronamide	680.	U	750.	U	680.	U	840.	U	790.	U	790.	U
82-68-8	Pentachloronitrobenzene	670.	U	740.	U	670.	U	830.	U	780.	U	780.	U
56-57-5	4-Nitroquinoline 1-oxide	5000.	U	5500.	U	5000.	U	6200.	U	5900.	U	5900.	U
91-80-5	Methapyrilene	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U
6055-19-2	Cyclophosphamide Hydrate	660.	U	720.	U	660.	U	820.	U	770.	U	770.	U
465-73-6	Isodrin	970.	U	1100.	U	960.	U	1200.	U	1100.	U	1100.	U
92-87-5	Benzidine	1700.	U	1800.	U	1700.	U	2100.	U	2000.	U	2000.	U
140-57-8	Aramite	690.	U	760.	U	690.	U	860.	U	800.	U	800.	U
60-11-7	p-(Dimethylamino)azobenzene	700.	U	770.	U	700.	U	870.	U	820.	U	820.	U
510-15-6	Chlorobenzilate	740.	U	820.	U	740.	U	920.	U	870.	U	870.	U
52-85-7	Famphur	2100.	U	2300.	U	2100.	U	2600.	U	2400.	U	2400.	U
119-93-7	3,3-Dimethylbenzidine	1000.	U	1100.	U	1000.	U	1300.	U	1200.	U	1200.	U
53-96-3	Acetamidofluorene	740.	U	820.	U	740.	U	920.	U	870.	U	870.	U
119-90-4	3,3'-Dimethoxybenzidine	1000.	U	1100.	U	1000.	U	1300.	U	1200.	U	1200.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	470.	U	520.	U	470.	U	580.	U	550.	U	550.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	430.	U	470.	U	430.	U	530.	U	500.	U	500.	U
56-49-5	3-Methyl cholanthrene	640.	U	700.	U	640.	U	790.	U	740.	U	740.	U
224-42-0	Dibenz(a,j)acridine	430.	U	470.	U	430.	U	530.	U	500.	U	500.	U
108-39-4	3-Methylphenol (m-Cresol)	1400.	U	1500.	U	1400.	U	1700.	U	1600.	U	1600.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

LEAD													
	SAMPLE ID ------->	003-S-0001-02		003-S-0002-03		003-S-0003-02		003-S-0004-02		003-S-0005-01		003-S-0006-01	
	ORIGINAL ID ----->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	LAB SAMPLE ID --->	744231		744249		744252		744256		744260		744264	
	ID FROM REPORT -->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/08/95		08/08/95		08/08/95		08/08/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	115946	VAL	115946	VAL	115946	VAL	115946	VAL	115946	VAL	115946	VAL
PB	Lead	17.9		60.2		21.8		23.7		21.8		6.4	

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

LEAD													
	SAMPLE ID ------->	003-S-0007-03		003-S-0008-02		003-S-0009-02		003-S-0010-02		003-C-0010-02		003-S-0011-02	
	ORIGINAL ID ----->	003S000703		003S000802		003S000902		003S001002		003C001002		003S001102	
	LAB SAMPLE ID --->	744270		744273		744277		744281		744285		744291	
	ID FROM REPORT -->	003S000703		003S000802		003S000902		003S001002		003C001002		003S001102	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/08/95		08/08/95		08/08/95		08/08/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	115946	VAL	115946	VAL	115946	VAL	115946	VAL	115946	VAL	115946	VAL
PB	Lead	7.5		4.3		11.1		103.		96.4		3.6	

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

LEAD							
	SAMPLE ID ------->	003-S-0012-03	003-S-0013-03	003-S-0014-02	003-S-0015-03	003-S-0016-03	003-S-0017-04
	ORIGINAL ID ----->	003S001203	003S001303	003S001402	003S001503	003S001603	003S001704
	LAB SAMPLE ID --->	744308	744315	744320	744911	744915	744919
	ID FROM REPORT -->	003S001203	003S001303	003S001402	003S001503	003S001603	003S001704
	SAMPLE DATE ----->	08/01/95	08/01/95	08/01/95	08/03/95	08/03/95	08/03/95
	DATE ANALYZED --->	08/08/95	08/08/95	08/08/95	08/08/95	08/08/95	08/08/95
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	115946 VAL	115946 VAL	115946 VAL	115946 VAL	115946 VAL	115946 VAL
PB	Lead	5.2	5.1	14.6	30.6	4.5	2.6

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

LEAD													
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-04	
	ORIGINAL ID ----->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	LAB SAMPLE ID --->	744923		744927		744952		744968		744977		744985	
	ID FROM REPORT -->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	SAMPLE DATE ----->	08/03/95		08/03/95		08/02/95		08/02/95		08/02/95		08/02/95	
	DATE ANALYZED --->	08/08/95		08/08/95									
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	115946	VAL	115946	VAL	159100	VAL	159100	VAL	159100	VAL	159100	VAL
PB	Lead	2.4		4.4		95.9	J	92.7	J	2.7	J	3.1	J

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

LEAD													
	SAMPLE ID ------->	003-S-0023-03		003-S-0024-03		003-S-0025-03		003-S-0026-04		003-S-0027-04		003-S-0028-04	
	ORIGINAL ID ----->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	LAB SAMPLE ID --->	744989		744993		745448		744997		745000		745467	
	ID FROM REPORT -->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	SAMPLE DATE ----->	08/02/95		08/02/95		08/07/95		08/02/95		08/02/95		08/07/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	159100	VAL	159100	VAL	159100	VAL	159100	VAL	159100	VAL	159100	VAL
PB	Lead	2.3	J	3.5	J	14.4	J	4.4	J	1.3	J	1.4	J

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

LEAD													
	SAMPLE ID ------->	003-S-0029-03		003-S-0030-02		003-S-0031-02		003-S-0032-02		003-S-0033-02		003-S-0034-02	
	ORIGINAL ID ----->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402	
	LAB SAMPLE ID --->	745493		747214		747226		747231		747235		747239	
	ID FROM REPORT -->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402	
	SAMPLE DATE ----->	08/07/95				08/14/95		08/14/95		08/14/95		08/14/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	159100	VAL	159100	VAL	159100	VAL	159100	VAL	159100	VAL	159100	VAL
PB	Lead	2.2	J	3.	J	1.	J	17.7	J	7.5	J	6.2	J

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

TPH													
	SAMPLE ID ------->	003-S-0001-02		003-S-0002-03		003-S-0003-02		003-S-0004-02		003-S-0005-01		003-S-0006-01	
	ORIGINAL ID ----->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	LAB SAMPLE ID --->	744240		744250		744253		744257		744261		744266	
	ID FROM REPORT -->	003S000102		003S000203		003S000302		003S000402		003S000501		003S000601	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/01/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/21/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/21/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	31159.29	VAL	31159.29	VAL	31159.29	VAL	31159.29	VAL	31159.29	VAL	31159.29	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	5000.		216.		316.		120.		1590.		3590.	

*** Validation complete ***

UST 18
NAS PENSACOLA
SOIL

TPH							
	SAMPLE ID ------->	003-S-0007-03	003-S-0008-02	003-S-0009-02	003-S-0010-02	003-C-0010-02	003-S-0011-02
	ORIGINAL ID ----->	003S000703	003S000802	003S000902	003S001002	003C001002	003S001102
	LAB SAMPLE ID --->	744271	744274	744278	744282	744286	744292
	ID FROM REPORT -->	003S000703	003S000802	003S000902	003S001002	003C001002	003S001102
	SAMPLE DATE ----->	08/01/95	08/01/95	08/01/95	08/01/95	08/01/95	08/01/95
	DATE EXTRACTED -->	08/21/95	08/21/95	08/21/95	08/21/95	08/21/95	08/21/95
	DATE ANALYZED --->	08/21/95	08/21/95	08/21/95	08/21/95	08/21/95	08/21/95
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CAS #	Parameter	31159.29 VAL	31159.29 VAL	31159.29 VAL	31159.29 VAL	31159.29 VAL	31159.29 VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	2300.	5670.	362.	1090.	1050.	40.3

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

TPH													
	SAMPLE ID ------->	003-S-0012-03		003-S-0013-03		003-S-0014-02		003-S-0015-03		003-S-0016-03		003-S-0017-04	
	ORIGINAL ID ----->	003S001203		003S001303		003S001402		003S001503		003S001603		003S001704	
	LAB SAMPLE ID --->	744309		744318		744321		744901		744914		744918	
	ID FROM REPORT -->	003S001203		003S001303		003S001402		003S001503		003S001603		003S001704	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/01/95		08/02/95		08/03/95		08/03/95	
	DATE EXTRACTED -->	08/21/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/21/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	31159.29	VAL	31159.29	VAL	31159.29	VAL	31159.29	VAL	31159.29	VAL	31159.29	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	16.3		492.		4250.		3660.		97.4		88.2	

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

TPH													
	SAMPLE ID ------->	003-S-0018-03		003-S-0019-02		003-S-0020-03		003-C-0020-03		003-S-0021-03		003-S-0022-04	
	ORIGINAL ID ----->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	LAB SAMPLE ID --->	744922		744926		744947		744963		744973		744984	
	ID FROM REPORT -->	003S001803		003S001902		003S002003		003C002003		003S002103		003S002204	
	SAMPLE DATE ----->	08/03/95		08/03/95		08/03/95		08/03/95		08/03/95		08/03/95	
	DATE EXTRACTED -->	08/21/95		08/21/95		08/23/95		08/17/95		08/17/95		08/17/95	
	DATE ANALYZED --->	08/21/95		08/21/95		08/24/95		08/21/95		08/21/95		08/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		MG.KG		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	31159.29	VAL	31159.29	VAL	31159.82	VAL	31159.87	VAL	31159.87	VAL	31159.87	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	40.7		842.		449.		429.		6.3	U	15.4	

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

TPH													
	SAMPLE ID ------->	003-S-0023-03		003-S-0024-03		003-S-0025-03		003-S-0026-04		003-S-0027-04		003-S-0028-04	
	ORIGINAL ID ----->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	LAB SAMPLE ID --->	744988		744992		745443		744996		744999		745463	
	ID FROM REPORT -->	003S002303		003S002403		003S002503		003S002604		003S002704		003S002804	
	SAMPLE DATE ----->	08/03/95		08/03/95		08/07/95		08/03/95		08/03/95		08/07/95	
	DATE EXTRACTED -->	08/17/95		08/17/95		08/17/95		08/17/95		08/17/95		08/17/95	
	DATE ANALYZED --->	08/21/95		08/21/95		08/21/95		08/21/95		08/21/95		08/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	31159.87	VAL	31159.87	VAL	31159.87	VAL	31159.87	VAL	31159.87	VAL	31159.87	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	6.3	U	6.3	U	6.3	U	31.1		6.3	U	6.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
SOIL

TPH												
	SAMPLE ID ------->	003-S-0029-03		003-S-0030-02		003-S-0031-02		003-S-0032-02		003-S-0033-02		003-S-0034-02
	ORIGINAL ID ----->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402
	LAB SAMPLE ID --->	745490		747220		747227		747232		747236		747240
	ID FROM REPORT -->	003S002903		003S003002		003S003102		003S003202		003S003302		003S003402
	SAMPLE DATE ----->	08/07/95		08/14/95		08/14/95		08/14/95		08/14/95		08/14/95
	DATE EXTRACTED -->	08/17/95		08/28/95		08/28/95		08/28/95		08/28/95		08/28/95
	DATE ANALYZED --->	08/21/95		08/29/95		08/29/95		08/29/95		08/29/95		08/29/95
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil
	UNITS ---------->	mg/kg		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG
CAS #	Parameter	31159.87	VAL	31159.172	VAL	31159.172	VAL	31159.172	VAL	31159.172	VAL	31159.172	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	13.7		29.3		17.1		75.1		105.		2770.

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

AROM VOA													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	003GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	LAB SAMPLE ID --->	748956		749783		749784		749966		749967		750673	
	ID FROM REPORT -->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	SAMPLE DATE ----->	08/18/95		08/22/95		08/22/95		08/23/95		08/23/95		08/24/95	
	DATE EXTRACTED -->	08/22/95		08/25/95		08/25/95		08/25/95		08/25/95		08/29/95	
	DATE ANALYZED --->	08/30/95		09/02/95		09/03/95		09/04/95		09/04/95		09/04/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00177	VAL	00260	VAL	00260	VAL	00260	VAL	00260	VAL	00260	VAL
1634-04-4	Methyl tert-butyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	1.9	J	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-88-3	Toluene	0.25	U	3.		2.8		0.32	U	0.9	J	0.42	J
108-90-7	Chlorobenzene	1.	J	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
100-41-4	Ethylbenzene	0.94	J	1.1		0.93		0.2	U	0.21	J	0.2	U
95-47-6	o-Xylene	0.54	J	2.1		2.		0.33		0.36		0.26	
100-42-5	Styrene	0.32		0.28		0.25	U	0.25	U	0.25	U	0.25	U
541-73-1	1,3-Dichlorobenzene	0.55		0.37	U	0.38	U	0.2	U	0.2	U	0.24	U
106-46-7	1,4-Dichlorobenzene	0.15	U	0.56	U	1.2	U	0.15	U	0.15	U	0.2	U
95-50-1	1,2-Dichlorobenzene	11.		2.7	U	0.43	U	0.15	U	0.15	U	0.17	U
106-42-3	p-Xylene	NR		2.2		2.		NR		NR		NR	
108-38-3	m-Xylene	NR		2.2		2.		NR		NR		NR	
1330-20-7	Xylene (Total)	0.5	U	NR		NR		0.5	U	0.5	U	0.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

AROM VOA													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	003GGI0601		003GGS0101		003GGS0201		003HGS0201		003GGS0301		003GGS0401	
	LAB SAMPLE ID --->	748961		748966 R1		748810 R1		748811 R1		749398 R1		749399 R1	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/17/95		08/17/95		08/21/95		08/21/95	
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/30/95		09/01/95		08/31/95		08/31/95		09/04/95		09/04/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00260	VAL
1634-04-4	Methyl tert-butyl ether	5.	U	1000.	U	1000.	U	1000.	U	100.	U	500.	U
71-43-2	Benzene	1.2		600.		370.		370.		7.	U	35.	U
108-88-3	Toluene	6.1	J	70.		2200.		2400.		140.		300.	
108-90-7	Chlorobenzene	0.25	U	50.	U	50.	U	50.	U	5.	U	25.	U
100-41-4	Ethylbenzene	3.	J	60.		290.		370.		18.		98.	
95-47-6	o-Xylene	7.3		110.		700.		40.	U	150.		310.	
100-42-5	Styrene	0.25	U	50.	U	50.	U	50.	U	5.	U	25.	U
541-73-1	1,3-Dichlorobenzene	0.47	J	40.	U	40.	U	40.	U	4.5		20.	U
106-46-7	1,4-Dichlorobenzene	3.9	J	55.		84.		30.	U	26.		97.	
95-50-1	1,2-Dichlorobenzene	0.67	J	30.	U	43.		55.		19.		21.	
106-42-3	p-Xylene	7.5		NR		560.		670.		72.		290.	
108-38-3	m-Xylene	7.5		NR		560.		670.		72.		290.	
1330-20-7	Xylene (Total)	NR		100.	U	NR		NR		NR		NR	

*** Validation complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

AROM VOA													
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	003GGS0501		003GGS0601		003GGS0701		003GGS0801		003GGS0901		003GGS1001	
	LAB SAMPLE ID --->	749400 R1		748812 R1		748813 R1		748973		748814		749401	
	ID FROM REPORT -->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	SAMPLE DATE ----->	08/21/95		08/17/95		08/17/95		08/18/95		08/17/95		08/21/95	
	DATE EXTRACTED -->	08/23/95		08/22/95		08/22/95		08/22/95		08/22/95		08/23/95	
	DATE ANALYZED --->	09/04/95		08/31/95		08/31/95		08/30/95		08/30/95		09/02/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00260	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00260	VAL
1634-04-4	Methyl tert-butyl ether	50.	U	1000.	U	250.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	3.5	U	70.	U	120.		0.35	U	0.35	U	0.35	U
108-88-3	Toluene	14.		800.		50.		0.25	U	0.25	U	0.29	U
108-90-7	Chlorobenzene	2.5	U	50.	U	12.	U	0.25	U	0.25	U	0.25	U
100-41-4	Ethylbenzene	43.		120.		240.		0.2	U	0.2	U	0.2	U
95-47-6	o-Xylene	110.		270.		310.		0.2	U	0.2	U	0.2	U
100-42-5	Styrene	2.5	U	50.	U	12.	U	0.25	U	0.25	U	0.25	U
541-73-1	1,3-Dichlorobenzene	17.		130.		23.		0.2	U	0.2	U	1.5	U
106-46-7	1,4-Dichlorobenzene	3.6		30.	U	7.5	U	0.15	U	0.15	U	0.15	U
95-50-1	1,2-Dichlorobenzene	68.		81.		45.		0.41	U	0.43	U	0.31	U
106-42-3	p-Xylene	120.		310.		380.		NR		NR		NR	
108-38-3	m-Xylene	120.		310.		380.		NR		NR		NR	
1330-20-7	Xylene (Total)	NR		NR		NR		0.5	U	0.5	U	0.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

AROM VOA																	
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	003GGS1101		003GGS1201		003GGS1301		003GGS1401		003GGS1501		003GGS1601	
	LAB SAMPLE ID --->	748978		748983		748988		748993		748815		748816	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/18/95		08/18/95		08/17/95		08/17/95	
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/22/95		08/22/95	
	DATE ANALYZED --->	08/30/95		08/30/95		09/01/95		09/01/95		08/25/95		08/30/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL
1634-04-4	Methyl tert-butyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-88-3	Toluene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
108-90-7	Chlorobenzene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
100-41-4	Ethylbenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
95-47-6	o-Xylene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
100-42-5	Styrene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.15	U	0.15	U	0.27	U	0.15	U	0.15	U	0.15	U
95-50-1	1,2-Dichlorobenzene	0.53	U	0.39	U	0.15	U	0.15	U	0.15	U	0.15	U
106-42-3	p-Xylene	NR		NR		NR		NR		NR		NR	
108-38-3	m-Xylene	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	0.5	U	0.5	U	0.5	U	0.5	U	0.5		0.5	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

EDB													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	LAB SAMPLE ID --->	12483-1		12521-13		12521-14		12551-1		12551-2		12558-2	
	ID FROM REPORT -->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	SAMPLE DATE ----->	08/18/95		08/22/95		08/22/95		08/23/95		08/23/95			
	DATE EXTRACTED -->	08/28/95		08/31/95		08/31/95		08/28/95		08/28/95		08/31/95	
	DATE ANALYZED --->	08/29/95		09/01/95		09/01/95		08/30/95		08/30/95		09/01/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	T512483	VAL	T512521	VAL	T512521	VAL	T512551	VAL	T512551	VAL	T512558	VAL
106-93-4	1, 2-Dibromoethane	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

EDB													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	LAB SAMPLE ID --->	12483-2		12483-3		12521-6		12521-7		12500-1		12500-2	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/22/95		08/22/95		08/21/95		08/21/95	
	DATE EXTRACTED -->	08/28/95		08/28/95		08/31/95		08/31/95		08/28/95		08/28/95	
	DATE ANALYZED --->	08/29/95		08/29/95		09/01/95		09/01/95		08/30/95		08/30/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	T512483	VAL	T512483	VAL	T512521	VAL	T512521	VAL	T512500	VAL	T512500	VAL
106-93-4	1, 2-Dibromoethane	0.02	U	0.02	U	0.85		0.92		0.02	U	0.02	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

EDB													
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	LAB SAMPLE ID --->	12500-3		12521-8		12521-9		12483-4		12521-10		12500-4	
	ID FROM REPORT -->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	SAMPLE DATE ----->	08/21/95		08/22/95		08/22/95		08/18/95		08/22/95		08/21/95	
	DATE EXTRACTED -->	08/28/95		08/31/95		08/31/95		08/28/95		08/31/95		08/28/95	
	DATE ANALYZED --->	08/30/95		09/01/95		09/01/95		08/29/95		09/01/95		08/30/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	T512500	VAL	T512521	VAL	T512521	VAL	T512483	VAL	T512521	VAL	T512500	VAL
106-93-4	1, 2-Dibromoethane	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

EDB													
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	LAB SAMPLE ID --->	12483-5		12483-6		12483-7		12483-8		12521-11		12521-12	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/18/95		08/18/95		08/22/95		08/22/95	
	DATE EXTRACTED -->	08/28/95		08/28/95		08/28/95		08/28/95		08/31/95		08/31/95	
	DATE ANALYZED --->	08/29/95		08/29/95		08/29/95		08/30/95		09/01/95		09/01/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	T512483	VAL	T512483	VAL	T512483	VAL	T512483	VAL	T512521	VAL	T512521	VAL
106-93-4	1, 2-Dibromoethane	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

HAL VOA															
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	003GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	LAB SAMPLE ID --->	748956		749783		749784		749966		749967		750673	
	ID FROM REPORT -->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	SAMPLE DATE ----->	08/18/95		08/22/95		08/22/95		08/23/95		08/23/95		08/24/95	
	DATE EXTRACTED -->	08/22/95		08/25/95		08/25/95		08/25/95		08/25/95		08/29/95	
	DATE ANALYZED --->	08/30/95		09/05/95		09/05/95		09/06/95		09/06/95		09/06/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00177	VAL	00260	VAL	00260	VAL	00260	VAL	00260	VAL	00260	VAL
74-87-3	Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl chloride	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
74-83-9	Bromomethane	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
75-00-3	Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethylene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-09-2	Methylene chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
156-60-5	trans-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-34-3	1,1-Dichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
67-66-3	Chloroform	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
74-97-5	Chlorobromomethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
71-55-6	1,1,1-Trichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
56-23-5	Carbon tetrachloride	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
107-06-2	1,2-Dichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-01-6	Trichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
78-87-5	1,2-Dichloropropane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-27-4	Bromodichloromethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
74-95-3	Methylene bromide	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
110-75-8	2-Chloroethyl vinyl ether	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
10061-01-5	cis-1,3-Dichloropropene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
127-18-4	Tetrachloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
124-48-1	Dibromochloromethane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
106-93-4	1, 2-Dibromoethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-90-7	Chlorobenzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-25-2	Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-86-1	Bromobenzene	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
95-49-8	o-Chlorotoluene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
106-43-4	p-Chlorotoluene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
95-50-1	1,2-Dichlorobenzene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

HAL VOA													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	003GGI0601		003GGS0101		003GGS0201		003HGS0201		003GGS0301		003GGS0401	
	LAB SAMPLE ID --->	748961		748966		748810		748811		749398		749399	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/17/95		08/17/95		08/21/95		08/21/95	
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/30/95		08/30/95		08/31/95		08/31/95		09/04/95		09/04/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00260	VAL
74-87-3	Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl chloride	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
74-83-9	Bromomethane	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
75-00-3	Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethylene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-09-2	Methylene chloride	1.	U	1.	U	0.4	U	1.	U	1.	U	1.	U
156-60-5	trans-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-34-3	1,1-Dichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
67-66-3	Chloroform	0.35	U	0.35	U	0.12	U	0.35	U	0.35	U	0.35	U
74-97-5	Chlorobromomethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
71-55-6	1,1,1-Trichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
56-23-5	Carbon tetrachloride	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
107-06-2	1,2-Dichloroethane	0.25	U	0.94	J	0.25	U	0.25	U	0.25	U	0.25	U
79-01-6	Trichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
78-87-5	1,2-Dichloropropane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-27-4	Bromodichloromethane	0.4	U	0.4	U	0.44	U	0.4	U	0.4	U	0.4	U
74-95-3	Methylene bromide	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
110-75-8	2-Chloroethyl vinyl ether	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
10061-01-5	cis-1,3-Dichloropropene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
127-18-4	Tetrachloroethene	0.3	U	0.3	U	0.34	J	0.33	J	0.3	U	0.3	U
124-48-1	Dibromochloromethane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
106-93-4	1, 2-Dibromoethane	0.35	U	0.35	U	1.		0.96		0.35	U	0.35	U
108-90-7	Chlorobenzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-25-2	Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-86-1	Bromobenzene	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
95-49-8	o-Chlorotoluene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
106-43-4	p-Chlorotoluene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
95-50-1	1,2-Dichlorobenzene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

HAL VOA															
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	003GGS0501		003GGS0601		003GGS0701		003GGS0801		003GGS0901		003GGS1001	
	LAB SAMPLE ID --->	749400		748812		748813		748973		748814		749401	
	ID FROM REPORT -->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	SAMPLE DATE ----->	08/21/95		08/17/95		08/17/95		08/18/95		08/17/95		08/21/95	
	DATE EXTRACTED -->	08/23/95		08/22/95		08/22/95		08/22/95		08/22/95		08/23/95	
	DATE ANALYZED --->	09/04/95		08/25/95		08/25/95		08/30/95		08/25/95		09/04/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00260	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00260	VAL
74-87-3	Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl chloride	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
74-83-9	Bromomethane	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
75-00-3	Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethylene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-09-2	Methylene chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
156-60-5	trans-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-34-3	1,1-Dichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
67-66-3	Chloroform	0.35	U	0.38		0.35	U	0.35	U	0.35	U	0.35	U
74-97-5	Chlorobromomethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
71-55-6	1,1,1-Trichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
56-23-5	Carbon tetrachloride	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
107-06-2	1,2-Dichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-01-6	Trichloroethene	0.3	U	4.5		0.3	U	0.3	U	0.3	U	0.3	U
78-87-5	1,2-Dichloropropane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-27-4	Bromodichloromethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
74-95-3	Methylene bromide	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
110-75-8	2-Chloroethyl vinyl ether	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
10061-01-5	cis-1,3-Dichloropropene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
127-18-4	Tetrachloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
124-48-1	Dibromochloromethane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
106-93-4	1, 2-Dibromoethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-90-7	Chlorobenzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-25-2	Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-86-1	Bromobenzene	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
95-49-8	o-Chlorotoluene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
106-43-4	p-Chlorotoluene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
95-50-1	1,2-Dichlorobenzene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

HAL VOA																	
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	003GGS1101		003GGS1201		003GGS1301		003GGS1401		003GGS1501		003GGS1601	
	LAB SAMPLE ID --->	748978		748983		748988		748993		748815		748816	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/18/95		08/18/95		08/17/95		08/17/95	
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/22/95		08/22/95	
	DATE ANALYZED --->	08/30/95		08/30/95		08/30/95		08/30/95		08/25/95		08/30/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00177	VAL
74-87-3	Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl chloride	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
74-83-9	Bromomethane	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
75-00-3	Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethylene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-09-2	Methylene chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
156-60-5	trans-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-34-3	1,1-Dichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
67-66-3	Chloroform	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
74-97-5	Chlorobromomethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
71-55-6	1,1,1-Trichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
56-23-5	Carbon tetrachloride	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
107-06-2	1,2-Dichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-01-6	Trichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
78-87-5	1,2-Dichloropropane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-27-4	Bromodichloromethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
74-95-3	Methylene bromide	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
110-75-8	2-Chloroethyl vinyl ether	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
10061-01-5	cis-1,3-Dichloropropene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
127-18-4	Tetrachloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
124-48-1	Dibromochloromethane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
106-93-4	1, 2-Dibromoethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-90-7	Chlorobenzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-25-2	Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-86-1	Bromobenzene	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
95-49-8	o-Chlorotoluene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
106-43-4	p-Chlorotoluene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
95-50-1	1,2-Dichlorobenzene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	03GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	LAB SAMPLE ID --->	748957		749785		749786		749972		749973		750674	
	ID FROM REPORT -->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	SAMPLE DATE ----->			08/22/95		08/22/95		08/23/95		08/23/95		08/24/95	
	DATE EXTRACTED -->	08/23/95		08/25/95		08/25/95		08/25/95		08/25/95		08/28/95	
	DATE ANALYZED --->	08/25/95		08/28/95		08/28/95		08/28/95		08/28/95		08/29/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL
106-44-5	4-Methylphenol (p-Cresol)	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
101-55-3	4-Bromophenyl-phenylether	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
108-95-2	Phenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
111-44-4	bis(2-Chloroethyl)ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
95-57-8	2-Chlorophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
621-64-7	N-Nitroso-di-n-propylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
111-91-1	bis(2-Chloroethoxy)methane	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-83-2	2,4-Dichlorophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
91-20-3	Naphthalene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
88-06-2	2,4,6-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
88-74-4	2-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	75.	U	75.	U	75.	U	75.	U	75.	U	75.	U
100-02-7	4-Nitrophenol	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	03GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	LAB SAMPLE ID --->	748957		749785		749786		749972		749973		750674	
	ID FROM REPORT -->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	SAMPLE DATE ----->			08/22/95		08/22/95		08/23/95		08/23/95		08/24/95	
	DATE EXTRACTED -->	08/23/95		08/25/95		08/25/95		08/25/95		08/25/95		08/28/95	
	DATE ANALYZED --->	08/25/95		08/28/95		08/28/95		08/28/95		08/28/95		08/29/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
86-30-6	N-Nitrosodiphenylamine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
118-74-1	Hexachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
87-86-5	Pentachlorophenol	55.	U	55.	U	55.	U	55.	U	55.	U	55.	U
85-01-8	Phenanthrene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-12-7	Anthracene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
84-74-2	Di-n-butylphthalate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
206-44-0	Fluoranthene	20.	U	20.	U	20.	U	20.	U	20.	U	1.	J
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	1.	J
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U	10.	U	10.	U	62.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	15.	U	15.	U	15.	U	15.	U	15.	U	1.	J
117-84-0	Di-n-octyl phthalate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
50-32-8	Benzo(a)pyrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
110-86-1	Pyridine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
123-63-7	Paraldehyde	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
97-63-2	Ethyl methacrylate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
109-06-8	2-Picoline	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
10595-95-6	N-Nitrosomethylethylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
66-27-3	Methyl methanesulfonate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
55-18-5	N-Nitrosodiethylamine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	03GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	LAB SAMPLE ID --->	748957		749785		749786		749972		749973		750674	
	ID FROM REPORT -->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	SAMPLE DATE ----->			08/22/95		08/22/95		08/23/95		08/23/95		08/24/95	
	DATE EXTRACTED -->	08/23/95		08/25/95		08/25/95		08/25/95		08/25/95		08/28/95	
	DATE ANALYZED --->	08/25/95		08/28/95		08/28/95		08/28/95		08/28/95		08/29/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL
62-50-0	Ethyl methanesulfonate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
62-53-3	Aniline	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
76-01-7	Pentachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-44-7	Benzyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-51-6	Benzyl alcohol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
930-55-2	N-Nitrosopyrrolidine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
98-86-2	Acetophenone	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
59-89-2	N-Nitrosomorpholine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
636-21-5	o-Toluidine hydrochloride	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
100-75-4	N-Nitrosopiperidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-70-3	1,3,5-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
98-87-3	Benzal chloride	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
126-68-1	O,O,O-Triethylphosphorothioate	110.	U	110.	U	110.	U	110.	U	110.	U	110.	U
65-85-0	Benzoic acid	95.	U	95.	U	95.	U	95.	U	95.	U	95.	U
87-65-0	2,6-Dichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
1888-71-7	Hexachloropropene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
87-61-6	1,2,3-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
98-07-7	Benzotrichloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
94-59-7	Safrole	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
90-12-0	1-Methyl naphthalene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-58-1	Isosafrole	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
90-13-1	1-Chloronaphthalene	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
130-15-4	1,4-Naphthoquinone	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
99-65-0	1,3-Dinitrobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
608-93-5	Pentachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-59-8	2-Naphthylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
58-90-2	2,3,4,6-Tetrachlorophenol	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
134-32-7	1-Naphthylamine	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
297-97-2	Thionazin	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
99-55-8	5-Nitro-o-toluidine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
122-39-4	Diphenylamine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	03GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	LAB SAMPLE ID --->	748957		749785		749786		749972		749973		750674	
	ID FROM REPORT -->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	SAMPLE DATE ----->			08/22/95		08/22/95		08/23/95		08/23/95		08/24/95	
	DATE EXTRACTED -->	08/23/95		08/25/95		08/25/95		08/25/95		08/25/95		08/28/95	
	DATE ANALYZED --->	08/25/95		08/28/95		08/28/95		08/28/95		08/28/95		08/29/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL	00272	VAL
122-66-7	Hydrazine, 1,2-diphenyl	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
99-35-4	1,3,5-Trinitrobenzene	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
2303-16-4	Diallate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
62-44-2	Phenacetin	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
60-51-5	Dimethoate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
92-67-1	4-Aminobiphenyl	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
23950-58-5	Pronamide	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
82-68-8	Pentachloronitrobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
56-57-5	4-Nitroquinoline 1-oxide	75.	U	75.	U	75.	U	75.	U	75.	U	75.	U
91-80-5	Methapyrilene	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
6055-19-2	Cyclophosphamide Hydrate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
465-73-6	Isodrin	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
92-87-5	Benzidine	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
140-57-8	Aramite	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
60-11-7	p-(Dimethylamino)azobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
510-15-6	Chlorobenzilate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
52-85-7	Famphur	65.	U	65.	U	65.	U	65.	U	65.	U	65.	U
119-93-7	3,3-Dimethylbenzidine	100.	U	100.	U	100.	U	100.	U	100.	U	100.	U
53-96-3	Acetamidofluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
119-90-4	3,3'-Dimethoxybenzidine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-49-5	3-Methyl cholanthrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
224-42-0	Dibenz(a,j)acridine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-39-4	3-Methylphenol (m-Cresol)	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		003GGS0401	
	LAB SAMPLE ID --->	748962		748967		748817		748818		749407		749408	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	SAMPLE DATE ----->											08/21/95	
	DATE EXTRACTED -->	08/26/95		08/22/95		08/23/95		08/23/95		08/24/95		08/23/95	
	DATE ANALYZED --->	08/28/95		08/23/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
106-44-5	4-Methylphenol (p-Cresol)	35.	U	35.	U	86.	J	91.	J	23.	J	4.	J
101-55-3	4-Bromophenyl-phenylether	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
108-95-2	Phenol	15.	U	15.	U	11.	J	13.	J	15.	U	15.	U
111-44-4	bis(2-Chloroethyl)ether	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
95-57-8	2-Chlorophenol	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	20.	U	20.	U	23.	J	23.	J	8.	J	2.	J
621-64-7	N-Nitroso-di-n-propylamine	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
67-72-1	Hexachloroethane	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	35.	U	15.	J	100.	U	100.	U	35.	U	3.	J
111-91-1	bis(2-Chloroethoxy)methane	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
120-83-2	2,4-Dichlorophenol	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
91-20-3	Naphthalene	1.	J	29.		76.		100.		82.		3.	J
106-47-8	4-Chloroaniline	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	7.	J	14.	J	26.	J	40.		4.	J
77-47-4	Hexachlorocyclopentadiene	25.	U	25.	U	75.	U	75.	U	25.	U	25.	U
88-06-2	2,4,6-Trichlorophenol	25.	U	25.	U	75.	U	75.	U	25.	U	25.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	75.	U	75.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
88-74-4	2-Nitroaniline	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
208-96-8	Acenaphthylene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	30.	U	30.	U	90.	U	90.	U	30.	U	30.	U
83-32-9	Acenaphthene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	75.	U	75.	U	220.	U	220.	U	75.	U	75.	U
100-02-7	4-Nitrophenol	45.	U	45.	U	140.	U	140.	U	45.	U	45.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		003GGS0401	
	LAB SAMPLE ID --->	748962		748967		748817		748818		749407		749408	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	SAMPLE DATE ----->											08/21/95	
	DATE EXTRACTED -->	08/26/95		08/22/95		08/23/95		08/23/95		08/24/95		08/23/95	
	DATE ANALYZED --->	08/28/95		08/23/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
84-66-2	Diethylphthalate	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	35.	U	35.	U	100.	U	100.	U	35.	U	35.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	45.	U	45.	U	140.	U	140.	U	45.	U	45.	U
86-30-6	N-Nitrosodiphenylamine	30.	U	30.	U	90.	U	90.	U	30.	U	30.	U
118-74-1	Hexachlorobenzene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
87-86-5	Pentachlorophenol	55.	U	4.	J	160.	U	160.	U	55.	U	55.	U
85-01-8	Phenanthrene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
120-12-7	Anthracene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
84-74-2	Di-n-butylphthalate	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
206-44-0	Fluoranthene	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
129-00-0	Pyrene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	25.	U	30.	U	30.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
218-01-9	Chrysene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
117-84-0	Di-n-octyl phthalate	20.	U	20.	U	60.	U	60.	U	20.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
50-32-8	Benzo(a)pyrene	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
110-86-1	Pyridine	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
123-63-7	Paraldehyde	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
97-63-2	Ethyl methacrylate	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
109-06-8	2-Picoline	45.	U	45.	U	140.	U	140.	U	45.	U	45.	U
10595-95-6	N-Nitrosomethylethylamine	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
66-27-3	Methyl methanesulfonate	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
55-18-5	N-Nitrosodiethylamine	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		003GGS0401	
	LAB SAMPLE ID --->	748962		748967		748817		748818		749407		749408	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	SAMPLE DATE ----->											08/21/95	
	DATE EXTRACTED -->	08/26/95		08/22/95		08/23/95		08/23/95		08/24/95		08/23/95	
	DATE ANALYZED --->	08/28/95		08/23/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
62-50-0	Ethyl methanesulfonate	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
62-53-3	Aniline	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
76-01-7	Pentachloroethane	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
100-44-7	Benzyl chloride	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
100-51-6	Benzyl alcohol	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
930-55-2	N-Nitrosopyrrolidine	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
98-86-2	Acetophenone	20.	U	20.	U	60.	U	60.	U	20.	U	9.	J
59-89-2	N-Nitrosomorpholine	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
636-21-5	o-Toluidine hydrochloride	25.	U	25.	U	75.	U	75.	U	25.	U	25.	U
100-75-4	N-Nitrosopiperidine	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
108-70-3	1,3,5-Trichlorobenzene	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
98-87-3	Benzal chloride	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
126-68-1	O,O,O-Triethylphosphorothioate	110.	U	110.	U	330.	U	330.	U	110.	U	110.	U
65-85-0	Benzoic acid	95.	U	95.	U	280.	U	280.	U	95.	U	95.	U
87-65-0	2,6-Dichlorophenol	25.	U	25.	U	75.	U	75.	U	25.	U	25.	U
1888-71-7	Hexachloropropene	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
87-61-6	1,2,3-Trichlorobenzene	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
98-07-7	Benzotrichloride	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
94-59-7	Safrole	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
90-12-0	1-Methyl naphthalene	1.	J	8.	J	63.		76.		55.		8.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
120-58-1	Isosafrole	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
90-13-1	1-Chloronaphthalene	25.	U	25.	U	75.	U	75.	U	25.	U	25.	U
130-15-4	1,4-Naphthoquinone	35.	U	35.	U	100.	U	100.	U	35.	U	35.	U
99-65-0	1,3-Dinitrobenzene	15.	U	15.	U	10.	J	45.	U	15.	U	15.	U
608-93-5	Pentachlorobenzene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
91-59-8	2-Naphthylamine	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
58-90-2	2,3,4,6-Tetrachlorophenol	35.	U	35.	U	100.	U	100.	U	35.	U	35.	U
134-32-7	1-Naphthylamine	35.	U	35.	U	100.	U	100.	U	35.	U	35.	U
297-97-2	Thionazin	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
99-55-8	5-Nitro-o-toluidine	30.	U	30.	U	90.	U	90.	U	30.	U	30.	U
122-39-4	Diphenylamine	30.	U	30.	U	90.	U	90.	U	30.	U	30.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		003GGS0401	
	LAB SAMPLE ID --->	748962		748967		748817		748818		749407		749408	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	SAMPLE DATE ----->											08/21/95	
	DATE EXTRACTED -->	08/26/95		08/22/95		08/23/95		08/23/95		08/24/95		08/23/95	
	DATE ANALYZED --->	08/28/95		08/23/95		08/25/95		08/25/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
122-66-7	Hydrazine, 1,2-diphenyl	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
99-35-4	1,3,5-Trinitrobenzene	45.	U	45.	U	140.	U	140.	U	45.	U	45.	U
2303-16-4	Diallate	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
62-44-2	Phenacetin	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
60-51-5	Dimethoate	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
92-67-1	4-Aminobiphenyl	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
23950-58-5	Pronamide	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
82-68-8	Pentachloronitrobenzene	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
56-57-5	4-Nitroquinoline 1-oxide	75.	U	75.	U	220.	U	220.	U	75.	U	75.	U
91-80-5	Methapyrilene	30.	U	30.	U	90.	U	90.	U	30.	U	30.	U
6055-19-2	Cyclophosphamide Hydrate	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
465-73-6	Isodrin	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
92-87-5	Benzidine	25.	U	25.	U	75.	U	75.	U	25.	U	25.	U
140-57-8	Aramite	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
60-11-7	p-(Dimethylamino)azobenzene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
510-15-6	Chlorobenzilate	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
52-85-7	Famphur	65.	U	65.	U	200.	U	200.	U	65.	U	65.	U
119-93-7	3,3-Dimethylbenzidine	100.	U	100.	U	300.	U	300.	U	100.	U	100.	U
53-96-3	Acetamidofluorene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
119-90-4	3,3'-Dimethoxybenzidine	20.	U	20.	U	60.	U	60.	U	20.	U	20.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	15.	U	15.	U	45.	U	45.	U	15.	U	15.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
56-49-5	3-Methyl cholanthrene	5.	U	5.	U	15.	U	15.	U	5.	U	5.	U
224-42-0	Dibenz(a,j)acridine	10.	U	10.	U	30.	U	30.	U	10.	U	10.	U
108-39-4	3-Methylphenol (m-Cresol)	35.	U	35.	U	86.	J	91.	J	23.	J	4.	J

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	003GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		003GGS1001	
	LAB SAMPLE ID --->	749411		748819		748820		748974		748821		749412	
	ID FROM REPORT -->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	SAMPLE DATE ----->	08/21/95										08/21/95	
	DATE EXTRACTED -->	08/23/95		08/23/95		08/23/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/25/95		08/25/95		08/25/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00272	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
106-44-5	4-Methylphenol (p-Cresol)	8.	J	1.	J	8.	J	35.	U	35.	U	35.	U
101-55-3	4-Bromophenyl-phenylether	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
108-95-2	Phenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
111-44-4	bis(2-Chloroethyl)ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
95-57-8	2-Chlorophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	20.	U	4.	J	20.	U	20.	U	20.	U	20.	U
621-64-7	N-Nitroso-di-n-propylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
111-91-1	bis(2-Chloroethoxy)methane	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-83-2	2,4-Dichlorophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
91-20-3	Naphthalene	83.		26.		150.		5.	U	5.	U	5.	U
106-47-8	4-Chloroaniline	23.		5.	U	5.	U	5.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	44.		13.		67.		10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
88-06-2	2,4,6-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
88-74-4	2-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	75.	U	75.	U	75.	U	75.	U	75.	U	75.	U
100-02-7	4-Nitrophenol	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	003GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		003GGS1001	
	LAB SAMPLE ID --->	749411		748819		748820		748974		748821		749412	
	ID FROM REPORT -->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	SAMPLE DATE ----->	08/21/95										08/21/95	
	DATE EXTRACTED -->	08/23/95		08/23/95		08/23/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/25/95		08/25/95		08/25/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00272	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	2.	J	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
86-30-6	N-Nitrosodiphenylamine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
118-74-1	Hexachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
87-86-5	Pentachlorophenol	55.	U	55.	U	55.	U	55.	U	55.	U	55.	U
85-01-8	Phenanthrene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-12-7	Anthracene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
84-74-2	Di-n-butylphthalate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
206-44-0	Fluoranthene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U	25.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
117-84-0	Di-n-octyl phthalate	10.	U	20.	U	20.	U	20.	U	20.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
50-32-8	Benzo(a)pyrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
110-86-1	Pyridine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
123-63-7	Paraldehyde	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
97-63-2	Ethyl methacrylate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
109-06-8	2-Picoline	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
10595-95-6	N-Nitrosomethylethylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
66-27-3	Methyl methanesulfonate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
55-18-5	N-Nitrosodiethylamine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	003GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		003GGS1001	
	LAB SAMPLE ID --->	749411		748819		748820		748974		748821		749412	
	ID FROM REPORT -->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	SAMPLE DATE ----->	08/21/95										08/21/95	
	DATE EXTRACTED -->	08/23/95		08/23/95		08/23/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/25/95		08/25/95		08/25/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00272	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
62-50-0	Ethyl methanesulfonate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
62-53-3	Aniline	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
76-01-7	Pentachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-44-7	Benzyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-51-6	Benzyl alcohol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
930-55-2	N-Nitrosopyrrolidine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
98-86-2	Acetophenone	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
59-89-2	N-Nitrosomorpholine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
636-21-5	o-Toluidine hydrochloride	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
100-75-4	N-Nitrosopiperidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-70-3	1,3,5-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
98-87-3	Benzal chloride	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
126-68-1	O,O,O-Triethylphosphorothioate	110.	U	110.	U	110.	U	110.	U	110.	U	110.	U
65-85-0	Benzoic acid	95.	U	95.	U	95.	U	95.	U	95.	U	95.	U
87-65-0	2,6-Dichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
1888-71-7	Hexachloropropene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
87-61-6	1,2,3-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
98-07-7	Benzotrichloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
94-59-7	Safrole	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
90-12-0	1-Methyl naphthalene	53.		32.		100.		15.	U	15.	U	15.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-58-1	Isosafrole	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
90-13-1	1-Chloronaphthalene	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
130-15-4	1,4-Naphthoquinone	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
99-65-0	1,3-Dinitrobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
608-93-5	Pentachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-59-8	2-Naphthylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
58-90-2	2,3,4,6-Tetrachlorophenol	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
134-32-7	1-Naphthylamine	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
297-97-2	Thionazin	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
99-55-8	5-Nitro-o-toluidine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
122-39-4	Diphenylamine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	003GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		003GGS1001	
	LAB SAMPLE ID --->	749411		748819		748820		748974		748821		749412	
	ID FROM REPORT -->	03GGS0501		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001	
	SAMPLE DATE ----->	08/21/95										08/21/95	
	DATE EXTRACTED -->	08/23/95		08/23/95		08/23/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/25/95		08/25/95		08/25/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00272	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00272	VAL
122-66-7	Hydrazine, 1,2-diphenyl	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
99-35-4	1,3,5-Trinitrobenzene	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
2303-16-4	Diallate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
62-44-2	Phenacetin	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
60-51-5	Dimethoate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
92-67-1	4-Aminobiphenyl	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
23950-58-5	Pronamide	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
82-68-8	Pentachloronitrobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
56-57-5	4-Nitroquinoline 1-oxide	75.	U	75.	U	75.	U	75.	U	75.	U	75.	U
91-80-5	Methapyrilene	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
6055-19-2	Cyclophosphamide Hydrate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
465-73-6	Isodrin	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
92-87-5	Benzidine	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
140-57-8	Aramite	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
60-11-7	p-(Dimethylamino)azobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
510-15-6	Chlorobenzilate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
52-85-7	Famphur	65.	U	65.	U	65.	U	65.	U	65.	U	65.	U
119-93-7	3,3-Dimethylbenzidine	100.	U	100.	U	100.	U	100.	U	100.	U	100.	U
53-96-3	Acetamidofluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
119-90-4	3,3'-Dimethoxybenzidine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-49-5	3-Methyl cholanthrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
224-42-0	Dibenz(a,j)acridine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-39-4	3-Methylphenol (m-Cresol)	8.	J	1.	J	8.	J	35.	U	35.	U	35.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	LAB SAMPLE ID --->	748979		748984		748989		748994		748822		748823	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/23/95		08/23/95		08/23/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL
106-44-5	4-Methylphenol (p-Cresol)	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
101-55-3	4-Bromophenyl-phenylether	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
108-95-2	Phenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
111-44-4	bis(2-Chloroethyl)ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
95-57-8	2-Chlorophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
621-64-7	N-Nitroso-di-n-propylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
111-91-1	bis(2-Chloroethoxy)methane	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-83-2	2,4-Dichlorophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
91-20-3	Naphthalene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
88-06-2	2,4,6-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
88-74-4	2-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	75.	U	75.	U	75.	U	75.	U	75.	U	75.	U
100-02-7	4-Nitrophenol	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	LAB SAMPLE ID --->	748979		748984		748989		748994		748822		748823	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/23/95		08/23/95		08/23/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
86-30-6	N-Nitrosodiphenylamine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
118-74-1	Hexachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
87-86-5	Pentachlorophenol	55.	U	55.	U	55.	U	55.	U	55.	U	55.	U
85-01-8	Phenanthrene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-12-7	Anthracene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
84-74-2	Di-n-butylphthalate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
206-44-0	Fluoranthene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	25.	U	25.	U	25.	U	25.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
117-84-0	Di-n-octyl phthalate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
50-32-8	Benzo(a)pyrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
110-86-1	Pyridine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
123-63-7	Paraldehyde	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
97-63-2	Ethyl methacrylate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
109-06-8	2-Picoline	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
10595-95-6	N-Nitrosomethylethylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
66-27-3	Methyl methanesulfonate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
55-18-5	N-Nitrosodiethylamine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U

*** Validation Complete ***

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NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	LAB SAMPLE ID --->	748979		748984		748989		748994		748822		748823	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/23/95		08/23/95		08/23/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL
62-50-0	Ethyl methanesulfonate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
62-53-3	Aniline	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
76-01-7	Pentachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-44-7	Benzyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-51-6	Benzyl alcohol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
930-55-2	N-Nitrosopyrrolidine	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
98-86-2	Acetophenone	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
59-89-2	N-Nitrosomorpholine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
636-21-5	o-Toluidine hydrochloride	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
100-75-4	N-Nitrosopiperidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-70-3	1,3,5-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
98-87-3	Benzal chloride	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
126-68-1	O,O,O-Triethylphosphorothioate	110.	U	110.	U	110.	U	110.	U	110.	U	110.	U
65-85-0	Benzoic acid	95.	U	95.	U	95.	U	95.	U	95.	U	95.	U
87-65-0	2,6-Dichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
1888-71-7	Hexachloropropene	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
87-61-6	1,2,3-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
98-07-7	Benzotrichloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
94-59-7	Safrole	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
90-12-0	1-Methyl naphthalene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
120-58-1	Isosafrole	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
90-13-1	1-Chloronaphthalene	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
130-15-4	1,4-Naphthoquinone	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
99-65-0	1,3-Dinitrobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
608-93-5	Pentachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-59-8	2-Naphthylamine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
58-90-2	2,3,4,6-Tetrachlorophenol	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
134-32-7	1-Naphthylamine	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U
297-97-2	Thionazin	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
99-55-8	5-Nitro-o-toluidine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
122-39-4	Diphenylamine	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U

*** Validation Complete ***

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NAS PENSACOLA
GROUNDWATER

SVOA													
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	LAB SAMPLE ID --->	748979		748984		748989		748994		748822		748823	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/22/95		08/22/95		08/22/95		08/22/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/23/95		08/23/95		08/23/95		08/23/95		08/25/95		08/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL	00180	VAL
122-66-7	Hydrazine, 1,2-diphenyl	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
99-35-4	1,3,5-Trinitrobenzene	45.	U	45.	U	45.	U	45.	U	45.	U	45.	U
2303-16-4	Diallate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
62-44-2	Phenacetin	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
60-51-5	Dimethoate	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
92-67-1	4-Aminobiphenyl	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
23950-58-5	Pronamide	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
82-68-8	Pentachloronitrobenzene	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
56-57-5	4-Nitroquinoline 1-oxide	75.	U	75.	U	75.	U	75.	U	75.	U	75.	U
91-80-5	Methapyrilene	30.	U	30.	U	30.	U	30.	U	30.	U	30.	U
6055-19-2	Cyclophosphamide Hydrate	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
465-73-6	Isodrin	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
92-87-5	Benzidine	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
140-57-8	Aramite	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
60-11-7	p-(Dimethylamino)azobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
510-15-6	Chlorobenzilate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
52-85-7	Famphur	65.	U	65.	U	65.	U	65.	U	65.	U	65.	U
119-93-7	3,3-Dimethylbenzidine	100.	U	100.	U	100.	U	100.	U	100.	U	100.	U
53-96-3	Acetamidofluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
119-90-4	3,3'-Dimethoxybenzidine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-49-5	3-Methyl cholanthrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
224-42-0	Dibenz(a,j)acridine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-39-4	3-Methylphenol (m-Cresol)	35.	U	35.	U	35.	U	35.	U	35.	U	35.	U

*** Validation Complete ***

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NAS PENSACOLA
GROUNDWATER

METAL													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	03GGI0101		03GGI0201		03HGI0201		03GGI0301		03GGI0401		03GGI0501	
	LAB SAMPLE ID --->	748959		749787		749788		749976		749977		750675	
	ID FROM REPORT -->	03GGI0101		MAC005		MAC006		MAC007		MAC008		MAC010	
	SAMPLE DATE ----->	08/18/95											
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	159182	VAL	277	VAL	277	VAL	277	VAL	277	VAL	277	VAL
AL	Aluminum	NR		NR		NR		NR		NR		NR	
SB	Antimony	NR		NR		NR		NR		NR		NR	
AS	Arsenic	NR		NR		NR		NR		NR		NR	
BA	Barium	NR		NR		NR		NR		NR		NR	
BE	Beryllium	NR		NR		NR		NR		NR		NR	
CD	Cadmium	NR		NR		NR		NR		NR		NR	
CA	Calcium	NR		NR		NR		NR		NR		NR	
CR	Chromium	NR		NR		NR		NR		NR		NR	
CO	Cobalt	NR		NR		NR		NR		NR		NR	
CU	Copper	NR		NR		NR		NR		NR		NR	
FE	Iron	NR		NR		NR		NR		NR		NR	
PB	Lead	3.9	U	4.4		5.8		5.7		5.1		5.2	
MG	Magnesium	NR		NR		NR		NR		NR		NR	
MN	Manganese	NR		NR		NR		NR		NR		NR	
NI	Nickel	NR		NR		NR		NR		NR		NR	
K	Potassium	NR		NR		NR		NR		NR		NR	
SE	Selenium	NR		NR		NR		NR		NR		NR	
AG	Silver	NR		NR		NR		NR		NR		NR	
NA	Sodium	NR		NR		NR		NR		NR		NR	
TL	Thallium	NR		NR		NR		NR		NR		NR	
V	Vanadium	NR		NR		NR		NR		NR		NR	
ZN	Zinc	NR		NR		NR		NR		NR		NR	
CN	Cyanide	NR		NR		NR		NR		NR		NR	
HG	Mercury	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

METAL													
	SAMPLE ID ------->	003-G-GI06-01		003-G-GS01-01		003-G-GS02-01		003-H-GS02-01		003-G-GS03-01		003-G-GS04-01	
	ORIGINAL ID ----->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		03GGS0401	
	LAB SAMPLE ID --->	748964		748969		748831		748832		749414		749415	
	ID FROM REPORT -->	03GGI0601		03GGS0101		03GGS0201		03HGS0201		03GGS0301		MAC001	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/17/95		08/17/95		08/21/95			
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	159182	VAL	159182	VAL	159182	VAL	159182	VAL	159182	VAL	277	VAL
AL	Aluminum	NR		NR		NR		NR		NR		NR	
SB	Antimony	NR		NR		NR		NR		NR		NR	
AS	Arsenic	NR		NR		NR		NR		NR		NR	
BA	Barium	NR		NR		NR		NR		NR		NR	
BE	Beryllium	NR		NR		NR		NR		NR		NR	
CD	Cadmium	NR		NR		NR		NR		NR		NR	
CA	Calcium	NR		NR		NR		NR		NR		NR	
CR	Chromium	NR		NR		NR		NR		NR		NR	
CO	Cobalt	NR		NR		NR		NR		NR		NR	
CU	Copper	NR		NR		NR		NR		NR		NR	
FE	Iron	NR		NR		NR		NR		NR		NR	
PB	Lead	11.7	J	15.8	J	58.3		58.1		46.8		25.9	
MG	Magnesium	NR		NR		NR		NR		NR		NR	
MN	Manganese	NR		NR		NR		NR		NR		NR	
NI	Nickel	NR		NR		NR		NR		NR		NR	
K	Potassium	NR		NR		NR		NR		NR		NR	
SE	Selenium	NR		NR		NR		NR		NR		NR	
AG	Silver	NR		NR		NR		NR		NR		NR	
NA	Sodium	NR		NR		NR		NR		NR		NR	
TL	Thallium	NR		NR		NR		NR		NR		NR	
V	Vanadium	NR		NR		NR		NR		NR		NR	
ZN	Zinc	NR		NR		NR		NR		NR		NR	
CN	Cyanide	NR		NR		NR		NR		NR		NR	
HG	Mercury	NR		NR		NR		NR		NR		NR	

*** Validation complete ***

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NAS PENSACOLA
GROUNDWATER

METAL													
		SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01
		ORIGINAL ID ----->	03GGS1001		03GGS0601		03GGS0701		03GGS0801		03GGS0901		03GGS1001
		LAB SAMPLE ID --->	749416		748833		748835		748976		748836		749421
		ID FROM REPORT -->	MAC002		03GGS0601		03GGS0701		03GGS0801		03GGS0901		MAC003
		SAMPLE DATE ----->			08/17/95		08/17/95		08/18/95		08/17/95		
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L
CAS #	Parameter		277	VAL	159182	VAL	159182	VAL	159182	VAL	159182	VAL	277	VAL
AL	Aluminum		NR		NR		NR		NR		NR		NR
SB	Antimony		NR		NR		NR		NR		NR		NR
AS	Arsenic		NR		NR		NR		NR		NR		NR
BA	Barium		NR		NR		NR		NR		NR		NR
BE	Beryllium		NR		NR		NR		NR		NR		NR
CD	Cadmium		NR		NR		NR		NR		NR		NR
CA	Calcium		NR		NR		NR		NR		NR		NR
CR	Chromium		NR		NR		NR		NR		NR		NR
CO	Cobalt		NR		NR		NR		NR		NR		NR
CU	Copper		NR		NR		NR		NR		NR		NR
FE	Iron		NR		NR		NR		NR		NR		NR
PB	Lead		75.6		140.		6.6	U	3.2	U	2.7	U	6.2
MG	Magnesium		NR		NR		NR		NR		NR		NR
MN	Manganese		NR		NR		NR		NR		NR		NR
NI	Nickel		NR		NR		NR		NR		NR		NR
K	Potassium		NR		NR		NR		NR		NR		NR
SE	Selenium		NR		NR		NR		NR		NR		NR
AG	Silver		NR		NR		NR		NR		NR		NR
NA	Sodium		NR		NR		NR		NR		NR		NR
TL	Thallium		NR		NR		NR		NR		NR		NR
V	Vanadium		NR		NR		NR		NR		NR		NR
ZN	Zinc		NR		NR		NR		NR		NR		NR
CN	Cyanide		NR		NR		NR		NR		NR		NR
HG	Mercury		NR		NR		NR		NR		NR		NR

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

METAL													
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	LAB SAMPLE ID --->	748981		748986		748991		748996		748837		748838	
	ID FROM REPORT -->	03GGS1101		03GGS1201		03GGS1301		03GGS1401		03GGS1501		03GGS1601	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/18/95		08/18/95		08/17/95		08/17/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	159182	VAL	159182	VAL	159182	VAL	159182	VAL	159182	VAL	159182	VAL
AL	Aluminum	NR		NR		NR		NR		NR		NR	
SB	Antimony	NR		NR		NR		NR		NR		NR	
AS	Arsenic	NR		NR		NR		NR		NR		NR	
BA	Barium	NR		NR		NR		NR		NR		NR	
BE	Beryllium	NR		NR		NR		NR		NR		NR	
CD	Cadmium	NR		NR		NR		NR		NR		NR	
CA	Calcium	NR		NR		NR		NR		NR		NR	
CR	Chromium	NR		NR		NR		NR		NR		NR	
CO	Cobalt	NR		NR		NR		NR		NR		NR	
CU	Copper	NR		NR		NR		NR		NR		NR	
FE	Iron	NR		NR		NR		NR		NR		NR	
PB	Lead	3.4	U	2.8	U	3.8	U	3.8	U	3.4	U	3.	U
MG	Magnesium	NR		NR		NR		NR		NR		NR	
MN	Manganese	NR		NR		NR		NR		NR		NR	
NI	Nickel	NR		NR		NR		NR		NR		NR	
K	Potassium	NR		NR		NR		NR		NR		NR	
SE	Selenium	NR		NR		NR		NR		NR		NR	
AG	Silver	NR		NR		NR		NR		NR		NR	
NA	Sodium	NR		NR		NR		NR		NR		NR	
TL	Thallium	NR		NR		NR		NR		NR		NR	
V	Vanadium	NR		NR		NR		NR		NR		NR	
ZN	Zinc	NR		NR		NR		NR		NR		NR	
CN	Cyanide	NR		NR		NR		NR		NR		NR	
HG	Mercury	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

TPH													
	SAMPLE ID ------->	003-G-GI01-01		003-G-GI02-01		003-H-GI02-01		003-G-GI03-01		003-G-GI04-01		003-G-GI05-01	
	ORIGINAL ID ----->	003GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	LAB SAMPLE ID --->	748960		749789		749790		749974		749975		750676	
	ID FROM REPORT -->	003GGI0101		003GGI0201		003HGI0201		003GGI0301		003GGI0401		003GGI0501	
	SAMPLE DATE ----->	08/18/95		08/22/95		08/22/95		08/23/95		08/23/95		08/24/95	
	DATE EXTRACTED -->	08/29/95		08/30/95		08/30/95		08/30/95		08/30/95		08/30/95	
	DATE ANALYZED --->	08/29/95		08/31/95		08/31/95		08/31/95		08/31/95		08/31/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	31159.181	VAL	31159.282	VAL	31159.282	VAL	31159.282	VAL	31159.282	VAL	31159.282	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

TPH							
	SAMPLE ID ------->	003-G-GI06-01	003-G-GS01-01	003-G-GS02-01	003-H-GS02-01	003-G-GS03-01	003-G-GS04-01
	ORIGINAL ID ----->	003GGI0601	003GGS0101	003GGS0201	003HGS0201	003GGS0301	003GGS0401
	LAB SAMPLE ID --->	748965	748970	748839	748840	749423	749424
	ID FROM REPORT -->	003GGI0601	003GGS0101	003GGS0201	003HGS0201	003GGS0301	003GGS0401
	SAMPLE DATE ----->	08/18/95	08/18/95	08/17/95	08/17/95	08/21/95	08/21/95
	DATE EXTRACTED -->	08/29/95	08/29/95	08/29/95	08/29/95	08/29/95	08/30/95
	DATE ANALYZED --->	08/29/95	08/29/95	08/29/95	08/29/95	08/29/95	08/31/95
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CAS #	Parameter	31159.181 VAL	31159.181 VAL	31159.181 VAL	31159.181 VAL	31159.181 VAL	31159.282 VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	7.	4.9	10.1	9.8	7.	1.4

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

TPH													
	SAMPLE ID ------->	003-G-GS05-01		003-G-GS06-01		003-G-GS07-01		003-G-GS08-01		003-G-GS09-01		003-G-GS10-01	
	ORIGINAL ID ----->	003GGS0501		003GGS0601		003GGS0701		003GGS0801		003GGS0901		003GGS1001	
	LAB SAMPLE ID --->	749427		748841		748842		748977		748843		749428	
	ID FROM REPORT -->	003GGS0501		003GGS0601		003GGS0701		003GGS0801		003GGS0901		003GGS1001	
	SAMPLE DATE ----->	08/21/95		08/17/95		08/17/95		08/18/95		08/17/95		08/21/95	
	DATE EXTRACTED -->	08/30/95		08/29/95		08/29/95		08/29/95		08/29/95		08/30/95	
	DATE ANALYZED --->	08/31/95		08/29/95		08/29/95		08/29/95		08/29/95		08/31/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	31159.282	VAL	31159.181	VAL	31159.181	VAL	31159.181	VAL	31159.181	VAL	31159.282	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	0.9		0.5		7.2		0.25	U	0.25	U	0.25	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
GROUNDWATER

TPH													
	SAMPLE ID ------->	003-G-GS11-01		003-G-GS12-01		003-G-GS13-01		003-G-GS14-01		003-G-GS15-01		003-G-GS16-01	
	ORIGINAL ID ----->	003GGS1101		003GGS1201		003GGS1301		003GGS1401		003GGS1501		003GGS1601	
	LAB SAMPLE ID --->	748982		748987		748992		748997		748844		748845	
	ID FROM REPORT -->	003GGS1101		003GGS1201		003GGS1301		003GGS1401		003GGS1501		003GGS1601	
	SAMPLE DATE ----->	08/18/95		08/18/95		08/18/95		08/18/95		08/17/95		08/17/95	
	DATE EXTRACTED -->	08/29/95		08/29/95		08/29/95		08/29/95		08/29/95		08/29/95	
	DATE ANALYZED --->	08/29/95		08/29/95		08/29/95		08/29/95		08/29/95		08/29/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	31159.181	VAL	31159.181	VAL	31159.181	VAL	31159.181	VAL	31159.181	VAL	31159.181	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	0.25	U	0.25	U	0.25	U	1.3		0.25	U	0.5	

*** Validation Complete ***

QA/QC REPORT

UST 18
NAS PENSACOLA
QA/QC

AROM VOA													
	SAMPLE ID ------->	003-S-0008-02 MS		003-S-0008-02 MSD		003-S-0011-02 MS		003-S-0011-02 MSD		003-S-0026-05 MS		003-S-0026-05 MSD	
	ORIGINAL ID ----->	003S000802MS		003S000802MSD		003S001102MS		003S001102MSD		03S002605MS		03S002605MSD	
	LAB SAMPLE ID --->	747721MS		747722MSD		744244MS		744245MSD		744941MS		744942MSD	
	ID FROM REPORT -->	03S000802MS		03S000802MSD		03S001102MS		03S001102MSD		03S002605MS		03S002605MSD	
	SAMPLE DATE ----->	08/01/95		08/01/95									
	DATE EXTRACTED -->	08/28/95		08/28/95		08/04/95		08/04/95		08/07/95		08/07/95	
	DATE ANALYZED --->	08/29/95		08/29/95		08/12/95		08/12/95		09/07/95		08/17/95	
	MATRIX ---------->	Water		Water		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	0018M	VAL	0018M	VAL	00018	VAL	00018	VAL	00126	VAL	00126	VAL
1634-04-4	Methyl tert-butyl ether	11000.	J	14000.	U	83.		82.		67.		64.	
71-43-2	Benzene	6200.		2400.		14.		13.		14.		15.	
108-88-3	Toluene	3700.		7700.		16.		15.		13.		12.	
108-90-7	Chlorobenzene	2500.		3100.		17.		15.		12.		11.	
100-41-4	Ethylbenzene	15000.		19000.		16.		14.		12.		11.	
95-47-6	o-Xylene	17000.		22000.		14.		14.		12.		12.	
100-42-5	Styrene	2200.		15000.		14.		14.		12.		12.	
541-73-1	1,3-Dichlorobenzene	13000.		16000.		13.		13.		12.		11.	
106-46-7	1,4-Dichlorobenzene	23000.		27000.		14.		13.		8.1		11.	
95-50-1	1,2-Dichlorobenzene	37000.		46000.		36.		25.		12.		11.	
106-42-3	p-Xylene	4100.		6300.		15.		14.		12.		12.	
108-38-3	m-Xylene	4100.		6300.		15.		14.		12.		12.	
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
9999900-02-9	Xylenes (Total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

AROM VOA													
	SAMPLE ID ------->	003-S-0030-02 MS		003-S-0030-02 MSD		003-G-GI03-01 MS		003-G-GI03-01 MSD		003-G-GI06-01 MS		003-G-GI06-01 MSD	
	ORIGINAL ID ----->	03S003002MS		03S003002MSD		003GGI0301MS		003GGI0301MSD		003GGI0601MS		003GGI0601MSD	
	LAB SAMPLE ID --->	747211MS		747212MSD		749394MS		749395MSD		748134MS		748135MSD	
	ID FROM REPORT -->	03S003002MS		03S003002MSD		03GGI0301MS		03GGI0301MSD		03GGI0601MS		03GGI0601MSD	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/16/95		08/16/95		08/23/95		08/23/95		08/22/95		08/22/95	
	DATE ANALYZED --->	08/25/95		08/25/95		09/06/95		09/06/95		09/19/95		09/19/95	
	MATRIX ---------->	Soil		Soil		Water		Water		Water		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00162	VAL	00162	VAL	00260	VAL	00260	VAL	00177	VAL	00177	VAL
1634-04-4	Methyl tert-butyl ether	29.		46.		31.		34.		25.		37.	
71-43-2	Benzene	11.		10.		9.1		9.9		7.5		8.6	
108-88-3	Toluene	10.	J	9.5	J	8.		8.5		15.	J	14.	J
108-90-7	Chlorobenzene	10.		10.		9.5		8.2		8.5		7.9	
100-41-4	Ethylbenzene	10.		10.		8.2		7.8		11.		10.	
95-47-6	o-Xylene	10.		9.8		8.3		8.9		15.		14.	
100-42-5	Styrene	10.		9.5		7.6		8.1		8.3		7.8	
541-73-1	1,3-Dichlorobenzene	9.6		8.7		6.9		7.1		8.6		8.4	
106-46-7	1,4-Dichlorobenzene	9.6		9.		7.5		7.9		12.		12.	
95-50-1	1,2-Dichlorobenzene	10.	J	9.5	J	7.6		8.		9.		8.5	
106-42-3	p-Xylene	10.		9.7		7.7		8.		16.		16.	
108-38-3	m-Xylene	10.		9.7		7.7		8.		16.		16.	
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
9999900-02-9	Xylenes (Total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

AROM VOA							
	SAMPLE ID ------->	003-S-LP03-03 MS		003-S-LP03-03 MSD			
	ORIGINAL ID ----->	03SLP0303MS		03SLP0303MSD			
	LAB SAMPLE ID --->	744303MS		744304MSD			
	ID FROM REPORT -->	03SLP0303MS		03SLP0303MSD			
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	08/11/95		08/11/95			
	DATE ANALYZED --->	08/17/95		08/17/95			
	MATRIX ---------->	Water		Water			
	UNITS ---------->	UG/L		UG/L			
CAS #	Parameter	VSPLP	VAL	VSPLP	VAL		
1634-04-4	Methyl tert-butyl ether	36.		40.			
71-43-2	Benzene	8.5		8.1			
108-88-3	Toluene	8.4		8.1			
108-90-7	Chlorobenzene	8.		9.1			
100-41-4	Ethylbenzene	8.		8.5			
95-47-6	o-Xylene	7.7	J	7.6	J		
100-42-5	Styrene	7.6	J	7.6	J		
541-73-1	1,3-Dichlorobenzene	7.3		7.4			
106-46-7	1,4-Dichlorobenzene	7.7		7.6			
95-50-1	1,2-Dichlorobenzene	7.7		7.6			
106-42-3	p-Xylene	7.7		7.9			
108-38-3	m-Xylene	7.7		7.9			
1330-20-7	Xylene (Total)	NR		NR			
9999900-02-9	Xylenes (Total)	NR		NR			

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

HAL VOA													
	SAMPLE ID ------->	003-S-0011-02 MS		003-S-0011-02 MSD		003-S-0026-05 MS		003-S-0026-05 MSD		003-S-0030-02 MS		003-S-0030-02 MSD	
	ORIGINAL ID ----->	003S001102MS		003S001102MSD		03S002605MS		03S002605MSD		03S003002MS		03S003002MSD	
	LAB SAMPLE ID --->	744244MS		744245MSD		744941MS		744942MSD		747211MS		747212MSD	
	ID FROM REPORT -->	03S001102MS		03S001102MSD		03S002605MS		03S002605MSD		03S003002MS		03S003002MSD	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	08/04/95		08/04/95		08/07/95		08/07/95		08/16/95		08/16/95	
	DATE ANALYZED --->	08/12/95		08/12/95		09/07/95		08/17/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00018	VAL	00018	VAL	00126	VAL	00126	VAL	00162	VAL	00162	VAL
74-87-3	Chloromethane	33.		29.		35.		29.		13.		14.	
75-01-4	Vinyl chloride	31.		29.		25.		32.		16.		16.	
74-83-9	Bromomethane	31.		30.		26.		36.		17.		17.	
75-00-3	Chloroethane	28.		27.		25.		29.		15.		16.	
75-35-4	1,1-Dichloroethylene	12.		11.		21.		16.		9.5		10.	
75-09-2	Methylene chloride	12.	U	12.	U	16.	U	25.	U	18.	J	14.	J
156-60-5	trans-1,2-Dichloroethene	13.		12.		15.		15.		9.3		11.	
75-34-3	1,1-Dichloroethane	13.		12.		15.		15.		11.		11.	
67-66-3	Chloroform	13.		12.	J	14.	J	15.	J	12.	J	11.	B
74-97-5	Chlorobromomethane	14.		14.		14.		16.		12.		12.	
71-55-6	1,1,1-Trichloroethane	13.		12.	J	14.	J	14.	J	11.	J	11.	B
56-23-5	Carbon tetrachloride	13.		12.		14.		14.		11.		11.	
107-06-2	1,2-Dichloroethane	14.		14.		14.		16.		13.		13.	
79-01-6	Trichloroethene	13.		12.		14.		14.		11.		11.	
78-87-5	1,2-Dichloropropane	13.		12.		12.		14.		12.		11.	
75-27-4	Bromodichloromethane	14.		13.		14.		15.		12.		12.	
74-95-3	Methylene bromide	17.		17.		16.		19.		14.		14.	
110-75-8	2-Chloroethyl vinyl ether	16.		16.		12.		18.		15.	J	15.	B
10061-01-5	cis-1,3-Dichloropropene	14.		14.		14.		15.		13.		12.	
10061-02-6	trans-1,3-Dichloropropene	14.		13.		13.		14.		12.		12.	
79-00-5	1,1,2-Trichloroethane	16.		15.		14.		16.		14.		14.	
127-18-4	Tetrachloroethene	13.	J	12.	J	13.		13.		11.	J	11.	B
124-48-1	Dibromochloromethane	15.		15.		14.		16.		15.		14.	
106-93-4	1, 2-Dibromoethane	15.		16.		17.		19.		16.		16.	
108-90-7	Chlorobenzene	14.		12.		13.		13.		11.		11.	
630-20-6	1,1,1,2-Tetrachloroethane	13.		12.		13.		13.		10.		10.	
75-25-2	Bromoform	17.		18.		14.		18.		17.		17.	
79-34-5	1,1,2,2-Tetrachloroethane	18.		18.		15.		19.		20.		20.	
96-18-4	1,2,3-Trichloropropane	16.		16.		17.		20.		15.		16.	
108-86-1	Bromobenzene	12.		12.	J	14.		14.		11.		11.	
95-49-8	o-Chlorotoluene	12.		12.		14.		14.		9.5		9.6	
106-43-4	p-Chlorotoluene	12.		12.		13.		13.		9.1		9.4	
541-73-1	1,3-Dichlorobenzene	13.		12.		13.		14.		10.		9.8	
106-46-7	1,4-Dichlorobenzene	13.		12.		13.		15.		10.		9.7	
95-50-1	1,2-Dichlorobenzene	13.		13.		12.		13.		11.		9.9	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

HAL VOA						
SAMPLE ID ------->	003-G-GI03-01 MS	003-G-GI03-01 MSD	003-G-GI06-01 MS	003-G-GI06-01 MSD	003-S-LP03-03 MSD	003-S-LP03-X3 MS
ORIGINAL ID ----->	003GGI0301MS	003GGI0301MSD	003GGI0601MS	003GGI0601MSD	03SLP0303MSD	03SLP0303MS
LAB SAMPLE ID --->	749394MS	749395MSD	748134MS	748135MSD	744304MSD	744303 R1MS
ID FROM REPORT -->	03GGI0301MS	03GGI0301MSD	03GGI0601MS	03GGI0601MSD	03SLP0303MSD	03SLP0303MS
SAMPLE DATE ----->						
DATE EXTRACTED -->	08/23/95	08/23/95	08/22/95	08/22/95	08/11/95	08/11/95
DATE ANALYZED --->	09/06/95	09/06/95	09/19/95	09/19/95	08/17/95	08/29/95
MATRIX ---------->	Water	Water	Water	Water	Water	Water
UNITS ---------->	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L

CAS #	Parameter	00260	VAL	00260	VAL	00177	VAL	00177	VAL	VSPLP	VAL	VSPLP	VAL
74-87-3	Chloromethane	19.		19.		15.		15.		22.		21.	
75-01-4	Vinyl chloride	20.		19.		15.		15.		22.		22.	
74-83-9	Bromomethane	19.		19.		15.		15.		20.		20.	
75-00-3	Chloroethane	19.		18.		15.		15.		22.		20.	
75-35-4	1,1-Dichloroethylene	12.		11.		8.2		8.1		11.		9.8	
75-09-2	Methylene chloride	7.6		7.7		8.2	U	7.9	U	230.	U	120.	U
156-60-5	trans-1,2-Dichloroethene	9.6		9.4		7.5		7.3		80.	J	13.	
75-34-3	1,1-Dichloroethane	9.1		8.8		7.8		7.5		10.		21.	
67-66-3	Chloroform	8.5		7.8		7.8		7.4		30.	J	26.	
74-97-5	Chlorobromomethane	7.3		7.5		7.5		6.9		10.		17.	
71-55-6	1,1,1-Trichloroethane	8.9		7.9		7.5		7.4		10.		15.	
56-23-5	Carbon tetrachloride	9.5		8.4		7.5		7.4		10.		14.	
107-06-2	1,2-Dichloroethane	8.7		8.		7.7		7.3		9.9		14.	
79-01-6	Trichloroethene	8.6		7.5		7.8		7.4		10.		14.	
78-87-5	1,2-Dichloropropane	8.4		7.6		7.7		7.3		10.		14.	
75-27-4	Bromodichloromethane	8.7		7.4		8.		7.6		11.		15.	
74-95-3	Methylene bromide	6.1		6.4		7.6		7.1		9.6		16.	
110-75-8	2-Chloroethyl vinyl ether	0.4	U	0.4	U	0.4	U	0.4	U	10.		11.	
10061-01-5	cis-1,3-Dichloropropene	9.		7.8		8.3		7.8		11.		16.	
10061-02-6	trans-1,3-Dichloropropene	7.9		6.8		7.6		7.2		9.7		14.	
79-00-5	1,1,2-Trichloroethane	8.3		7.		7.8		7.5		10.		15.	
127-18-4	Tetrachloroethene	8.4		7.5		7.7		7.7		10.		15.	
124-48-1	Dibromochloromethane	8.4		7.2		7.7		7.5		11.		15.	
106-93-4	1, 2-Dibromoethane	6.8		7.5		7.5		7.2		11.		15.	
108-90-7	Chlorobenzene	8.4		7.1		8.1		7.8		11.		16.	
630-20-6	1,1,1,2-Tetrachloroethane	7.1		7.5		7.6		7.		10.		16.	
75-25-2	Bromoform	8.7		7.1		7.7		7.3		11.		15.	
79-34-5	1,1,2,2-Tetrachloroethane	8.3		7.		8.2		7.6		12.		15.	
96-18-4	1,2,3-Trichloropropane	6.3		6.7		8.		7.3		11.		15.	
108-86-1	Bromobenzene	7.2		7.2		8.6		8.5		11.		17.	
95-49-8	o-Chlorotoluene	6.8		7.4		8.		7.3		11.		16.	
106-43-4	p-Chlorotoluene	7.		7.4		7.9		7.5		11.		17.	
541-73-1	1,3-Dichlorobenzene	7.4		7.8		8.3		7.9		10.		15.	
106-46-7	1,4-Dichlorobenzene	7.6		7.9		7.9		7.6		10.		15.	
95-50-1	1,2-Dichlorobenzene	7.7		8.		8.3		7.8		10.		15.	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

HAL VOA							
SAMPLE ID ------->	003-S-LP03-X3 MSD		003-S-LP03-Y3 MS				
ORIGINAL ID ----->	03SLP0303MSD		03SLP0303MS				
LAB SAMPLE ID --->	744304 R1MSD		744303MS				
ID FROM REPORT -->	03SLP0303MSD		03SLP0303MS				
SAMPLE DATE ----->							
DATE EXTRACTED -->	08/11/95		08/11/95				
DATE ANALYZED --->	08/29/95		08/17/95				
MATRIX ---------->	Water		Water				
UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	VSPLP	VAL	VSPLP	VAL		
74-87-3	Chloromethane	23.		22.			
75-01-4	Vinyl chloride.	23.		23.			
74-83-9	Bromomethane	26.		20.			
75-00-3	Chloroethane	21.		21.			
75-35-4	1,1-Dichloroethylene	12.		10.			
75-09-2	Methylene chloride	120.	U	220.	U		
156-60-5	trans-1,2-Dichloroethene	13.		140.	J		
75-34-3	1,1-Dichloroethane	17.		11.			
67-66-3	Chloroform	25.		29.			
74-97-5	Chlorobromomethane	15.		10.			
71-55-6	1,1,1-Trichloroethane	15.		10.			
56-23-5	Carbon tetrachloride	14.		10.			
107-06-2	1,2-Dichloroethane	15.		10.			
79-01-6	Trichloroethene	14.		11.			
78-87-5	1,2-Dichloropropane	15.		11.			
75-27-4	Bromodichloromethane	15.		11.			
74-95-3	Methylene bromide	15.		9.6			
110-75-8	2-Chloroethyl vinyl ether	10.		0.51			
10061-01-5	cis-1,3-Dichloropropene	16.		11.			
10061-02-6	trans-1,3-Dichloropropene	14.		10.			
79-00-5	1,1,2-Trichloroethane	15.		11.			
127-18-4	Tetrachloroethene	15.		10.			
124-48-1	Dibromochloromethane	17.		11.			
106-93-4	1, 2-Dibromoethane	17.		10.			
108-90-7	Chlorobenzene	15.		11.			
630-20-6	1,1,1,2-Tetrachloroethane	15.		10.			
75-25-2	Bromoform	16.		11.			
79-34-5	1,1,2,2-Tetrachloroethane	15.		11.			
96-18-4	1,2,3-Trichloropropane	15.		9.7			
108-86-1	Bromobenzene	13.		10.			
95-49-8	o-Chlorotoluene	15.		10.			
106-43-4	p-Chlorotoluene	15.		9.7			
541-73-1	1,3-Dichlorobenzene	16.		10.			
106-46-7	1,4-Dichlorobenzene	15.		10.			
95-50-1	1,2-Dichlorobenzene	16.		10.			

*** Validation Complete ***

PEST									
	SAMPLE ID ------->	003-M-0002-01 MS		003-M-0002-01 MSD		003-W-0002-01 MS		003-W-0002-01 MSD	
	ORIGINAL ID ----->	003M000201MS		003M000201MSD		03W000201MS		03W000201MSD	
	LAB SAMPLE ID --->	746262MS		746263MSD		746191MS		746192MSD	
	ID FROM REPORT -->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD	
	SAMPLE DATE ----->	08/09/95		08/09/95					
	DATE EXTRACTED -->	08/11/95		08/11/95		08/15/95		08/15/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95	
	MATRIX ---------->	Sediment		Sediment		Water		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/L	
CAS #	Parameter	00021	VAL	00021	VAL	00002	VAL	00002	VAL
319-84-6	alpha-BHC	2.2	U	2.2	U	0.05	U	0.05	U
319-85-7	beta-BHC	2.2	U	2.2	U	0.05	U	0.05	U
319-86-8	delta-BHC	2.2	U	2.2	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	19.		18.		0.34		0.35	
76-44-8	Heptachlor	17.		16.		0.3		0.31	
309-00-2	Aldrin	18.		18.		0.32		0.33	
1024-57-3	Heptachlor epoxide	2.2	U	2.2	U	0.05	U	0.05	U
959-98-8	Endosulfan I	2.2	U	2.2	U	0.05	U	0.05	U
60-57-1	Dieldrin	39.		37.		0.68		0.69	
72-55-9	4,4'-DDE	4.2	U	4.2	U	0.1	U	0.1	U
72-20-8	Endrin	41.		39.		0.68		0.7	
33213-65-9	Endosulfan II	4.2	U	4.2	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	4.2	U	4.2	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	4.2	U	4.2	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	42.		39.		0.66	J	0.68	J
72-43-5	Methoxychlor	4.2	U	22.	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.76	J	0.7	J	0.02	J	0.02	J
7421-93-4	Endrin aldehyde	0.96	J	0.85	J	0.0076	J	0.0083	J
5103-71-9	alpha-Chlordane	2.2	U	2.2	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.13	J	0.089	J	0.05	U	0.05	U
8001-35-2	Toxaphene	220.	U	220.	U	5.	U	5.	U
12674-11-2	Aroclor-1016	42.	U	42.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	85.	U	85.	U	2.	U	2.	U
11141-16-5	Aroclor-1232	42.	U	42.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	42.	U	42.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	42.	U	42.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	42.	U	42.	U	1.	U	1.	U
11096-82-5	Aroclor-1260	42.	U	42.	U	1.	U	1.	U
108-90-7	Chlorobenzene	NR		NR		NR		NR	
541-73-1	1,3-Dichlorobenzene	NR		NR		NR		NR	
106-46-7	1,4-Dichlorobenzene	NR		NR		NR		NR	
95-50-1	1,2-Dichlorobenzene	NR		NR		NR		NR	
1634-04-4	Methyl tert-butyl ether	NR		NR		NR		NR	
71-43-2	Benzene	NR		NR		NR		NR	
108-88-3	Toluene	NR		NR		NR		NR	
100-41-4	Ethylbenzene	NR		NR		NR		NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

PEST							
	SAMPLE ID ------->	003-M-0002-01 MS	003-M-0002-01 MSD	003-W-0002-01 MS	003-W-0002-01 MSD		
	ORIGINAL ID ----->	003M000201MS	003M000201MSD	03W000201MS	03W000201MSD		
	LAB SAMPLE ID --->	746262MS	746263MSD	746191MS	746192MSD		
	ID FROM REPORT -->	03M000201MS	03M000201MSD	03W000201MS	03W000201MSD		
	SAMPLE DATE ----->	08/09/95	08/09/95				
	DATE EXTRACTED -->	08/11/95	08/11/95	08/15/95	08/15/95		
	DATE ANALYZED --->	08/17/95	08/17/95	08/17/95	08/17/95		
	MATRIX ---------->	Sediment	Sediment	Water	Water		
	UNITS ---------->	UG/KG	UG/KG	UG/L	UG/L		
CAS #	Parameter	00021 VAL	00021 VAL	00002 VAL	00002 VAL		
9999900-02-9	Xylenes (Total)	NR	NR	NR	NR		
95-47-6	o-Xylene	NR	NR	NR	NR		
100-42-5	Styrene	NR	NR	NR	NR		

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-M-0002-01 MS		003-M-0002-01 MSD		003-W-0002-01 MS		003-W-0002-01 MSD		003-S-0006-01 MS		003-S-0006-01 MSD	
	ORIGINAL ID ----->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		003S000601MS		003S000601MSD	
	LAB SAMPLE ID --->	746260MS		746261MSD		746188MS		746189MSD		745633MS		745634MSD	
	ID FROM REPORT -->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		03S000601MS		03S000601MSD	
	SAMPLE DATE ----->									08/01/95		08/01/95	
	DATE EXTRACTED -->	08/11/95		08/11/95		08/15/95		08/15/95		08/09/95		08/09/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95		08/09/95		08/10/95	
	MATRIX ---------->	Sediment		Sediment		Water		Water		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/L		UG/KG		UG/KG	
CAS #	Parameter	00021	VAL	00021	VAL	00002	VAL	00002	VAL	00003	VAL	00003	VAL
106-44-5	4-Methylphenol (p-Cresol)	420.	U	420.	U	10.	U	10.	U	27000.	U	27000.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	420.	U	10.	U	10.	U	14000.	U	14000.	U
108-95-2	Phenol	3200.		2800.		66.		58.		110000.		110000.	
111-44-4	bis(2-Chloroethyl)ether	420.	U	420.	U	10.	U	10.	U	9700.	U	9700.	U
95-57-8	2-Chlorophenol	2800.		2400.		63.		52.		120000.		120000.	
541-73-1	1,3-Dichlorobenzene	420.	U	420.	U	10.	U	10.	U	9900.	U	9900.	U
106-46-7	1,4-Dichlorobenzene	1900.		1600.		32.		26.		56000.		53000.	
95-50-1	1,2-Dichlorobenzene	420.	U	420.	U	10.	U	10.	U	10000.	U	10000.	U
95-48-7	2-Methylphenol (o-Cresol)	420.	U	420.	U	10.	U	10.	U	13000.	U	13000.	U
621-64-7	N-Nitroso-di-n-propylamine	1600.		1400.		41.		35.		44000.		48000.	
67-72-1	Hexachloroethane	420.	U	420.	U	10.	U	10.	U	9300.	U	9300.	U
98-95-3	Nitrobenzene	420.	U	420.	U	10.	U	10.	U	11000.	U	11000.	U
78-59-1	Isophorone	420.	U	420.	U	10.	U	10.	U	9300.	U	9300.	U
88-75-5	2-Nitrophenol	420.	U	420.	U	10.	U	10.	U	8500.	U	8500.	U
105-67-9	2,4-Dimethylphenol	420.	U	420.	U	10.	U	10.	U	10000.	U	10000.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	420.	U	10.	U	10.	U	11000.	U	11000.	U
120-83-2	2,4-Dichlorophenol	420.	U	420.	U	10.	U	10.	U	9500.	U	9500.	U
120-82-1	1,2,4-Trichlorobenzene	2000.		1700.		35.		31.		62000.		59000.	
91-20-3	Naphthalene	420.	U	420.	U	10.	U	10.	U	8700.	U	8700.	U
106-47-8	4-Chloroaniline	420.	U	420.	U	10.	U	10.	U	11000.	U	11000.	U
87-68-3	Hexachlorobutadiene	420.	U	420.	U	10.	U	10.	U	11000.	U	11000.	U
59-50-7	4-Chloro-3-methylphenol	3600.	J	3100.		72.		63.		140000.		140000.	
91-57-6	2-Methylnaphthalene	420.	U	420.	U	10.	U	10.	U	5200.	J	5000.	J
77-47-4	Hexachlorocyclopentadiene	420.	U	420.	U	10.	U	10.	U	28000.	U	28000.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	420.	U	10.	U	10.	U	23000.	U	23000.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U	25.	U	25.	U	30000.	U	30000.	U
91-58-7	2-Chloronaphthalene	420.	U	420.	U	10.	U	10.	U	14000.	U	14000.	U
88-74-4	2-Nitroaniline	1000.	U	1000.	U	25.	U	25.	U	17000.	U	17000.	U
131-11-3	Dimethyl phthalate	420.	U	420.	U	10.	U	10.	U	12000.	U	12000.	U
606-20-2	2,6-Dinitrotoluene	420.	U	420.	U	10.	U	10.	U	13000.	U	13000.	U
208-96-8	Acenaphthylene	420.	U	420.	U	10.	U	10.	U	11000.	U	11000.	U
99-09-2	3-Nitroaniline	1000.	U	1000.	U	25.	U	25.	U	28000.	U	28000.	U
83-32-9	Acenaphthene	2000.		1700.		41.		37.		60000.		58000.	
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U	25.	U	25.	U	33000.	U	33000.	U
100-02-7	4-Nitrophenol	3700.	J	3200.		67.		59.		110000.		100000.	
121-14-2	2,4-Dinitrotoluene	2300.		2000.		44.		39.		50000.		51000.	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-M-0002-01 MS		003-M-0002-01 MSD		003-W-0002-01 MS		003-W-0002-01 MSD		003-S-0006-01 MS		003-S-0006-01 MSD	
	ORIGINAL ID ----->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		003S000601MS		003S000601MSD	
	LAB SAMPLE ID --->	746260MS		746261MSD		746188MS		746189MSD		745633MS		745634MSD	
	ID FROM REPORT -->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		03S000601MS		03S000601MSD	
	SAMPLE DATE ----->									08/01/95		08/01/95	
	DATE EXTRACTED -->	08/11/95		08/11/95		08/15/95		08/15/95		08/09/95		08/09/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95		08/09/95		08/10/95	
	MATRIX ---------->	Sediment		Sediment		Water		Water		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/L		UG/KG		UG/KG	
CAS #	Parameter	00021	VAL	00021	VAL	00002	VAL	00002	VAL	00003	VAL	00003	VAL
132-64-9	Dibenzofuran	420.	U	420.	U	10.	U	10.	U	12000.	U	12000.	U
84-66-2	Diethylphthalate	420.	U	420.	U	10.	U	10.	U	12000.	U	12000.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	420.	U	10.	U	10.	U	9900.	U	9900.	U
86-73-7	Fluorene	420.	U	420.	U	10.	U	10.	U	10000.	U	10000.	U
100-01-6	4-Nitroaniline	1000.	U	1000.	U	25.	U	25.	U	35000.	U	35000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1000.	U	25.	U	25.	U	30000.	U	30000.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	420.	U	10.	U	10.	U	26000.	U	26000.	U
118-74-1	Hexachlorobenzene	420.	U	420.	U	10.	U	10.	U	13000.	U	13000.	U
87-86-5	Pentachlorophenol	4000.	J	3300.		63.		58.		77000.		69000.	
85-01-8	Phenanthrene	420.	U	420.	U	10.	U	10.	U	13000.	U	13000.	U
120-12-7	Anthracene	420.	U	420.	U	10.	U	10.	U	15000.	U	15000.	U
84-74-2	Di-n-butylphthalate	420.	U	420.	U	10.	U	10.	U	11000.	U	11000.	U
206-44-0	Fluoranthene	420.	U	420.	U	10.	U	10.	U	14000.	U	14000.	U
129-00-0	Pyrene	2100.		1900.		39.		36.		53000.		52000.	
85-68-7	Butylbenzylphthalate	420.	U	420.	U	10.	U	10.	U	18000.	U	18000.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U	420.	U	10.	U	10.	U	13000.	U	13000.	U
91-94-1	3,3'-Dichlorobenzidine	420.	U	420.	U	10.	U	10.	U	17000.	U	17000.	U
56-55-3	Benzo(a)anthracene	420.	U	420.	U	10.	U	10.	U	15000.	U	15000.	U
218-01-9	Chrysene	420.	U	420.	U	10.	U	10.	U	16000.	U	16000.	U
117-84-0	Di-n-octyl phthalate	420.	U	420.	U	10.	U	10.	U	13000.	U	13000.	U
205-99-2	Benzo(b)fluoranthene	420.	U	420.	U	10.	U	10.	U	14000.	U	14000.	U
207-08-9	Benzo(k)fluoranthene	420.	U	420.	U	10.	U	10.	U	17000.	U	17000.	U
50-32-8	Benzo(a)pyrene	420.	U	420.	U	10.	U	10.	U	14000.	U	14000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	420.	U	420.	U	10.	U	10.	U	15000.	U	15000.	U
53-70-3	Dibenz(a,h)anthracene	420.	U	420.	U	10.	U	10.	U	14000.	U	14000.	U
191-24-2	Benzo(g,h,i)perylene	420.	U	420.	U	10.	U	10.	U	15000.	U	15000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U	420.	U	10.	U	10.	U	NR		NR	
86-74-8	Carbazole	420.	U	420.	U	10.	U	10.	U	NR		NR	
62-75-9	N-Nitrosodimethylamine	NR		NR		NR		NR		11000.	U	11000.	U
110-86-1	Pyridine	NR		NR		NR		NR		13000.	U	13000.	U
123-63-7	Paraldehyde	NR		NR		NR		NR		10000.	U	10000.	U
97-63-2	Ethyl methacrylate	NR		NR		NR		NR		8100.	U	8100.	U
109-06-8	2-Picoline	NR		NR		NR		NR		20000.	U	20000.	U
10595-95-6	N-Nitrosomethylethylamine	NR		NR		NR		NR		18000.	U	18000.	U
66-27-3	Methyl methanesulfonate	NR		NR		NR		NR		8900.	U	8900.	U
55-18-5	N-Nitrosodiethylamine	NR		NR		NR		NR		8500.	U	8500.	U

*** Validation Complete ***

SVOA													
	SAMPLE ID ------->	003-M-0002-01 MS		003-M-0002-01 MSD		003-W-0002-01 MS		003-W-0002-01 MSD		003-S-0006-01 MS		003-S-0006-01 MSD	
	ORIGINAL ID ----->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		003S000601MS		003S000601MSD	
	LAB SAMPLE ID --->	746260MS		746261MSD		746188MS		746189MSD		745633MS		745634MSD	
	ID FROM REPORT -->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		03S000601MS		03S000601MSD	
	SAMPLE DATE ----->									08/01/95		08/01/95	
	DATE EXTRACTED -->	08/11/95		08/11/95		08/15/95		08/15/95		08/09/95		08/09/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95		08/09/95		08/10/95	
	MATRIX ---------->	Sediment		Sediment		Water		Water		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/L		UG/KG		UG/KG	
CAS #	Parameter	00021	VAL	00021	VAL	00002	VAL	00002	VAL	00003	VAL	00003	VAL
62-50-0	Ethyl methanesulfonate	NR		NR		NR		NR		9900.	U	9900.	U
62-53-3	Aniline	NR		NR		NR		NR		7800.	U	7800.	U
76-01-7	Pentachloroethane	NR		NR		NR		NR		9500.	U	9500.	U
100-44-7	Benzyl chloride	NR		NR		NR		NR		9400.	U	9400.	U
100-51-6	Benzyl alcohol	NR		NR		NR		NR		8900.	U	8900.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	NR		NR		NR		NR		9800.	U	9800.	U
930-55-2	N-Nitrosopyrrolidine	NR		NR		NR		NR		12000.	U	12000.	U
98-86-2	Acetophenone	NR		NR		NR		NR		11000.	U	11000.	U
59-89-2	N-Nitrosomorpholine	NR		NR		NR		NR		12000.	U	12000.	U
636-21-5	o-Toluidine hydrochloride	NR		NR		NR		NR		16000.	U	16000.	U
100-75-4	N-Nitrosopiperidine	NR		NR		NR		NR		10000.	U	10000.	U
108-70-3	1,3,5-Trichlorobenzene	NR		NR		NR		NR		8800.	U	8800.	U
98-87-3	Benzal chloride	NR		NR		NR		NR		15000.	U	15000.	U
126-68-1	O,O,O-Triethylphosphorothioate	NR		NR		NR		NR		94000.	U	94000.	U
65-85-0	Benzoic acid	NR		NR		NR		NR		35000.	U	35000.	U
87-65-0	2,6-Dichlorophenol	NR		NR		NR		NR		19000.	U	19000.	U
1888-71-7	Hexachloropropene	NR		NR		NR		NR		30000.	U	30000.	U
87-61-6	1,2,3-Trichlorobenzene	NR		NR		NR		NR		9500.	U	9500.	U
98-07-7	Benzotrichloride	NR		NR		NR		NR		20000.	U	20000.	U
924-16-3	N-Nitroso-di-n-butylamine	NR		NR		NR		NR		11000.	U	11000.	U
94-59-7	Safrole	NR		NR		NR		NR		11000.	U	11000.	U
90-12-0	1-Methyl naphthalene	NR		NR		NR		NR		11000.	J	11000.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	NR		NR		NR		NR		24000.	U	24000.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	NR		NR		NR		NR		24000.	U	24000.	U
120-58-1	Isosafrole	NR		NR		NR		NR		19000.	U	19000.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	NR		NR		NR		NR		12000.	U	12000.	U
90-13-1	1-Chloronaphthalene	NR		NR		NR		NR		17000.	U	17000.	U
130-15-4	1,4-Naphthoquinone	NR		NR		NR		NR		19000.	U	19000.	U
99-65-0	1,3-Dinitrobenzene	NR		NR		NR		NR		16000.	U	16000.	U
608-93-5	Pentachlorobenzene	NR		NR		NR		NR		14000.	U	14000.	U
91-59-8	2-Naphthylamine	NR		NR		NR		NR		11000.	U	11000.	U
58-90-2	2,3,4,6-Tetrachlorophenol	NR		NR		NR		NR		24000.	U	24000.	U
134-32-7	1-Naphthylamine	NR		NR		NR		NR		21000.	U	21000.	U
297-97-2	Thionazin	NR		NR		NR		NR		12000.	U	12000.	U
99-55-8	5-Nitro-o-toluidine	NR		NR		NR		NR		21000.	U	21000.	U
122-39-4	Diphenylamine	NR		NR		NR		NR		26000.	U	26000.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-M-0002-01 MS		003-M-0002-01 MSD		003-W-0002-01 MS		003-W-0002-01 MSD		003-S-0006-01 MS		003-S-0006-01 MSD	
	ORIGINAL ID ----->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		003S000601MS		003S000601MSD	
	LAB SAMPLE ID --->	746260MS		746261MSD		746188MS		746189MSD		745633MS		745634MSD	
	ID FROM REPORT -->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD		03S000601MS		03S000601MSD	
	SAMPLE DATE ----->									08/01/95		08/01/95	
	DATE EXTRACTED -->	08/11/95		08/11/95		08/15/95		08/15/95		08/09/95		08/09/95	
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95		08/17/95		08/09/95		08/10/95	
	MATRIX ---------->	Sediment		Sediment		Water		Water		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/L		UG/KG		UG/KG	
CAS #	Parameter	00021	VAL	00021	VAL	00002	VAL	00002	VAL	00003	VAL	00003	VAL
122-66-7	Hydrazine, 1,2-diphenyl	NR		NR		NR		NR		13000.	U	13000.	U
99-35-4	1,3,5-Trinitrobenzene	NR		NR		NR		NR		31000.	U	31000.	U
2303-16-4	Diallate	NR		NR		NR		NR		13000.	U	13000.	U
62-44-2	Phenacetin	NR		NR		NR		NR		16000.	U	16000.	U
60-51-5	Dimethoate	NR		NR		NR		NR		12000.	U	12000.	U
92-67-1	4-Aminobiphenyl	NR		NR		NR		NR		13000.	U	13000.	U
23950-58-5	Pronamide	NR		NR		NR		NR		11000.	U	11000.	U
82-68-8	Pentachloronitrobenzene	NR		NR		NR		NR		11000.	U	11000.	U
56-57-5	4-Nitroquinoline 1-oxide	NR		NR		NR		NR		82000.	U	82000.	U
91-80-5	Methapyrilene	NR		NR		NR		NR		28000.	U	28000.	U
6055-19-2	Cyclophosphamide Hydrate	NR		NR		NR		NR		18000.	U	18000.	U
465-73-6	Isodrin	NR		NR		NR		NR		12000.	U	12000.	U
92-87-5	Benzidine	NR		NR		NR		NR		10000.	U	10000.	U
140-57-8	Aramite	NR		NR		NR		NR		43000.	U	43000.	U
60-11-7	p-(Dimethylamino)azobenzene	NR		NR		NR		NR		16000.	U	16000.	U
510-15-6	Chlorobenzilate	NR		NR		NR		NR		17000.	U	17000.	U
52-85-7	Famphur	NR		NR		NR		NR		22000.	U	22000.	U
119-93-7	3,3-Dimethylbenzidine	NR		NR		NR		NR		26000.	U	26000.	U
53-96-3	Acetamidofluorene	NR		NR		NR		NR		15000.	U	15000.	U
119-90-4	3,3'-Dimethoxybenzidine	NR		NR		NR		NR		21000.	U	21000.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	NR		NR		NR		NR		18000.	U	18000.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	NR		NR		NR		NR		13000.	U	13000.	U
56-49-5	3-Methyl cholanthrene	NR		NR		NR		NR		16000.	U	16000.	U
224-42-0	Dibenz(a,j)acridine	NR		NR		NR		NR		16000.	U	16000.	U
108-39-4	3-Methylphenol (m-Cresol)	NR		NR		NR		NR		27000.	U	27000.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-S-0011-02 MS		003-S-0011-02 MSD		003-S-0026-04 MS		003-S-0026-04 MSD		003-S-0033-02 MS		003-S-0033-02 MSD	
	ORIGINAL ID ----->	003S001102MS		003S001102MSD		003S002604MS		003S002604MSD		003S003302MS		003S003302MSD	
	LAB SAMPLE ID --->	744229MS		744230MSD		744931MS		744932MSD		747208MS		747209MSD	
	ID FROM REPORT -->	03S001102MS		03S001102MSD		03S002604MS		03S002604MSD		03S003302MS		03S003302MSD	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/02/95		08/02/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/08/95		08/08/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/09/95		08/09/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00157	VAL	00157	VAL
106-44-5	4-Methylphenol (p-Cresol)	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U
101-55-3	4-Bromophenyl-phenylether	790.	U	790.	U	780.	U	780.	U	780.	U	780.	U
108-95-2	Phenol	6400.	J	6400.	J	5500.	J	5400.		2500.		2600.	
111-44-4	bis(2-Chloroethyl)ether	620.	U	620.	U	610.	U	610.	U	610.	U	610.	U
95-57-8	2-Chlorophenol	6900.	J	6700.	J	6200.	J	6100.	J	2800.		2800.	
541-73-1	1,3-Dichlorobenzene	540.	U	540.	U	530.	U	530.	U	530.	U	530.	U
106-46-7	1,4-Dichlorobenzene	3100.		3100.		2800.		2800.		1600.		1500.	
95-50-1	1,2-Dichlorobenzene	620.	U	620.	U	610.	U	610.	U	610.	U	610.	U
95-48-7	2-Methylphenol (o-Cresol)	680.	U	680.	U	670.	U	670.	U	680.	U	680.	U
621-64-7	N-Nitroso-di-n-propylamine	2200.		2100.		2900.		2900.		1600.		1400.	
67-72-1	Hexachloroethane	630.	U	630.	U	620.	U	620.	U	620.	U	620.	U
98-95-3	Nitrobenzene	710.	U	720.	U	710.	U	710.	U	710.	U	710.	U
78-59-1	Isophorone	710.	U	720.	U	710.	U	710.	U	710.	U	710.	U
88-75-5	2-Nitrophenol	650.	U	650.	U	640.	U	640.	U	650.	U	650.	U
105-67-9	2,4-Dimethylphenol	640.	U	640.	U	630.	U	630.	U	640.	U	640.	U
111-91-1	bis(2-Chloroethoxy)methane	700.	U	710.	U	700.	U	700.	U	700.	U	700.	U
120-83-2	2,4-Dichlorophenol	580.	U	580.	U	570.	U	570.	U	570.	U	570.	U
120-82-1	1,2,4-Trichlorobenzene	3600.		3700.		2900.		3000.		2100.		1900.	
91-20-3	Naphthalene	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
106-47-8	4-Chloroaniline	720.	U	730.	U	720.	U	720.	U	720.	U	720.	U
87-68-3	Hexachlorobutadiene	590.	U	590.	U	580.	U	580.	U	580.	U	580.	U
59-50-7	4-Chloro-3-methylphenol	8200.	J	8700.	J	6300.	J	6200.	J	3500.		3100.	
91-57-6	2-Methylnaphthalene	880.	U	880.	U	870.	U	870.	U	880.	U	880.	U
77-47-4	Hexachlorocyclopentadiene	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
88-06-2	2,4,6-Trichlorophenol	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U
95-95-4	2,4,5-Trichlorophenol	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U
91-58-7	2-Chloronaphthalene	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
88-74-4	2-Nitroaniline	1200.	U	1200.	U	1100.	U	1100.	U	1100.	U	1100.	U
131-11-3	Dimethyl phthalate	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
606-20-2	2,6-Dinitrotoluene	790.	U	790.	U	780.	U	780.	U	780.	U	780.	U
208-96-8	Acenaphthylene	700.	U	710.	U	700.	U	700.	U	700.	U	700.	U
99-09-2	3-Nitroaniline	720.	U	730.	U	720.	U	720.	U	720.	U	720.	U
83-32-9	Acenaphthene	3400.		3400.		2700.		2900.		1800.		1700.	
51-28-5	2,4-Dinitrophenol	1800.	U	1800.	U	1800.	U	1800.	U	1800.	U	1800.	U
100-02-7	4-Nitrophenol	7500.	J	8500.	J	5400.		6400.	J	3100.	J	2600.	J
121-14-2	2,4-Dinitrotoluene	2800.		2800.		2800.		2900.		1800.		1500.	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-S-0011-02 MS		003-S-0011-02 MSD		003-S-0026-04 MS		003-S-0026-04 MSD		003-S-0033-02 MS		003-S-0033-02 MSD	
	ORIGINAL ID ----->	003S001102MS		003S001102MSD		003S002604MS		003S002604MSD		003S003302MS		003S003302MSD	
	LAB SAMPLE ID --->	744229MS		744230MSD		744931MS		744932MSD		747208MS		747209MSD	
	ID FROM REPORT -->	03S001102MS		03S001102MSD		03S002604MS		03S002604MSD		03S003302MS		03S003302MSD	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/02/95		08/02/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/08/95		08/08/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/09/95		08/09/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00157	VAL	00157	VAL
132-64-9	Dibenzofuran	720.	U	730.	U	720.	U	720.	U	720.	U	720.	U
84-66-2	Diethylphthalate	760.	U	760.	U	700.	U	700.	U	700.	U	700.	U
7005-72-3	4-Chlorophenylphenylether	630.	U	630.	U	620.	U	620.	U	620.	U	620.	U
86-73-7	Fluorene	720.	U	730.	U	720.	U	720.	U	720.	U	720.	U
100-01-6	4-Nitroaniline	1200.	U	1200.	U	1100.	U	1100.	U	1100.	U	1100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	1900.	U	1900.	U	1900.	U	1900.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U
118-74-1	Hexachlorobenzene	810.	U	810.	U	800.	U	800.	U	800.	U	800.	U
87-86-5	Pentachlorophenol	5900.	J	6200.	J	5400.		5600.	J	3500.		3100.	
85-01-8	Phenanthrene	650.	U	650.	U	640.	U	640.	U	650.	U	650.	U
120-12-7	Anthracene	780.	U	780.	U	770.	U	770.	U	770.	U	770.	U
84-74-2	Di-n-butylphthalate	810.	U	810.	U	800.	U	800.	U	770.	U	800.	U
206-44-0	Fluoranthene	970.	U	970.	U	960.	U	960.	U	960.	U	960.	U
129-00-0	Pyrene	3200.		3600.		3000.		3400.		1900.		1700.	
85-68-7	Butylbenzylphthalate	710.	U	720.	U	710.	U	710.	U	710.	U	710.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	790.	U	790.	U	780.	U	780.	U	780.	U	780.	U
91-94-1	3,3'-Dichlorobenzidine	520.	U	530.	U	520.	U	520.	U	520.	U	520.	U
56-55-3	Benzo(a)anthracene	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
218-01-9	Chrysene	570.	U	570.	U	560.	U	560.	U	560.	U	560.	U
117-84-0	Di-n-octyl phthalate	500.	U	510.	U	500.	U	500.	U	500.	U	500.	U
205-99-2	Benzo(b)fluoranthene	810.	U	810.	U	800.	U	800.	U	800.	U	800.	U
207-08-9	Benzo(k)fluoranthene	650.	U	650.	U	640.	U	640.	U	650.	U	650.	U
50-32-8	Benzo(a)pyrene	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
193-39-5	Indeno(1,2,3-cd)pyrene	480.	U	480.	U	480.	U	480.	U	480.	U	480.	U
53-70-3	Dibenz(a,h)anthracene	450.	U	450.	U	450.	U	450.	U	450.	U	450.	U
191-24-2	Benzo(g,h,i)perylene	650.	U	650.	U	640.	U	640.	U	650.	U	650.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	690.	U	700.	U	11000.	U	11000.	U	690.	U	690.	U
110-86-1	Pyridine	580.	U	580.	U	2300.	U	2300.	U	570.	U	570.	U
123-63-7	Paraldehyde	380.	U	380.	U	370.	U	370.	U	380.	U	380.	U
97-63-2	Ethyl methacrylate	620.	U	620.	U	610.	U	610.	U	610.	U	610.	U
109-06-8	2-Picoline	1300.	U	1300.	U	1200.	U	1200.	U	1200.	U	1200.	U
10595-95-6	N-Nitrosomethylethylamine	570.	U	570.	U	560.	U	560.	U	560.	U	560.	U
66-27-3	Methyl methanesulfonate	730.	U	740.	U	730.	U	730.	U	800.	U	800.	U
55-18-5	N-Nitrosodiethylamine	630.	U	630.	U	620.	U	620.	U	620.	U	620.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-S-0011-02 MS		003-S-0011-02 MSD		003-S-0026-04 MS		003-S-0026-04 MSD		003-S-0033-02 MS		003-S-0033-02 MSD	
	ORIGINAL ID ----->	003S001102MS		003S001102MSD		003S002604MS		003S002604MSD		003S003302MS		003S003302MSD	
	LAB SAMPLE ID --->	744229MS		744230MSD		744931MS		744932MSD		747208MS		747209MSD	
	ID FROM REPORT -->	03S001102MS		03S001102MSD		03S002604MS		03S002604MSD		03S003302MS		03S003302MSD	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/02/95		08/02/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/08/95		08/08/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/09/95		08/09/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00157	VAL	00157	VAL
62-50-0	Ethyl methanesulfonate	630.	U	630.	U	620.	U	620.	U	620.	U	620.	U
62-53-3	Aniline	590.	U	590.	U	580.	U	580.	U	580.	U	580.	U
76-01-7	Pentachloroethane	870.	U	870.	U	860.	U	860.	U	860.	U	860.	U
100-44-7	Benzyl chloride	610.	U	610.	U	600.	U	600.	U	600.	U	600.	U
100-51-6	Benzyl alcohol	580.	U	580.	U	570.	U	570.	U	570.	U	570.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	680.	U	680.	U	670.	U	670.	U	680.	U	680.	U
930-55-2	N-Nitrosopyrrolidine	560.	U	560.	U	550.	U	550.	U	550.	U	550.	U
98-86-2	Acetophenone	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
59-89-2	N-Nitrosomorpholine	790.	U	790.	U	780.	U	780.	U	780.	U	780.	U
636-21-5	o-Toluidine hydrochloride	2100.	U	2100.	U	2100.	U	2100.	U	2100.	U	2100.	U
100-75-4	N-Nitrosopiperidine	780.	U	780.	U	770.	U	770.	U	770.	U	770.	U
108-70-3	1,3,5-Trichlorobenzene	640.	U	640.	U	630.	U	630.	U	640.	U	640.	U
98-87-3	Benzal chloride	560.	U	560.	U	550.	U	550.	U	550.	U	550.	U
126-68-1	O,O,O-Triethylphosphorothioate	5600.	U	5600.	U	5500.	U	5500.	U	5500.	U	5500.	U
65-85-0	Benzoic acid	2000.	U	2000.	U	2000.	U	2000.	U	2000.	U	2000.	U
87-65-0	2,6-Dichlorophenol	1300.	U	1300.	U	1200.	U	1200.	U	1200.	U	1200.	U
1888-71-7	Hexachloropropene	600.	U	600.	U	590.	U	590.	U	590.	U	590.	U
87-61-6	1,2,3-Trichlorobenzene	630.	U	630.	U	620.	U	620.	U	620.	U	620.	U
98-07-7	Benzotrichloride	650.	U	650.	U	640.	U	640.	U	650.	U	650.	U
924-16-3	N-Nitroso-di-n-butylamine	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U
94-59-7	Safrole	610.	U	610.	U	600.	U	600.	U	600.	U	600.	U
90-12-0	1-Methyl naphthalene	1200.	U	1200.	U	1100.	U	1100.	U	1100.	U	1100.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U
120-58-1	Isosafrole	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	670.	U	670.	U	660.	U	660.	U	670.	U	670.	U
90-13-1	1-Chloronaphthalene	1300.	U	1300.	U	1200.	U	1200.	U	1200.	U	1200.	U
130-15-4	1,4-Naphthoquinone	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U
99-65-0	1,3-Dinitrobenzene	590.	U	590.	U	580.	U	580.	U	580.	U	580.	U
608-93-5	Pentachlorobenzene	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
91-59-8	2-Naphthylamine	900.	U	910.	U	890.	U	890.	U	900.	U	900.	U
58-90-2	2,3,4,6-Tetrachlorophenol	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U
134-32-7	1-Naphthylamine	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U
297-97-2	Thionazin	700.	U	710.	U	700.	U	700.	U	700.	U	700.	U
99-55-8	5-Nitro-o-toluidine	1000.	U	1100.	U	1000.	U	1000.	U	1000.	U	1000.	U
122-39-4	Diphenylamine	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U	1500.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-S-0011-02 MS		003-S-0011-02 MSD		003-S-0026-04 MS		003-S-0026-04 MSD		003-S-0033-02 MS		003-S-0033-02 MSD	
	ORIGINAL ID ----->	003S001102MS		003S001102MSD		003S002604MS		003S002604MSD		003S003302MS		003S003302MSD	
	LAB SAMPLE ID --->	744229MS		744230MSD		744931MS		744932MSD		747208MS		747209MSD	
	ID FROM REPORT -->	03S001102MS		03S001102MSD		03S002604MS		03S002604MSD		03S003302MS		03S003302MSD	
	SAMPLE DATE ----->	08/01/95		08/01/95		08/02/95		08/02/95		08/14/95		08/14/95	
	DATE EXTRACTED -->	08/07/95		08/07/95		08/08/95		08/08/95		08/21/95		08/21/95	
	DATE ANALYZED --->	08/08/95		08/08/95		08/09/95		08/09/95		08/25/95		08/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00003	VAL	00003	VAL	00074	VAL	00074	VAL	00157	VAL	00157	VAL
122-66-7	Hydrazine, 1,2-diphenyl	720.	U	730.	U	720.	U	720.	U	720.	U	720.	U
99-35-4	1,3,5-Trinitrobenzene	960.	U	960.	U	940.	U	940.	U	950.	U	950.	U
2303-16-4	Diallate	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
62-44-2	Phenacetin	640.	U	640.	U	630.	U	630.	U	640.	U	640.	U
60-51-5	Dimethoate	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
92-67-1	4-Aminobiphenyl	430.	U	430.	U	430.	U	430.	U	430.	U	430.	U
23950-58-5	Pronamide	680.	U	680.	U	670.	U	670.	U	680.	U	680.	U
82-68-8	Pentachloronitrobenzene	670.	U	670.	U	660.	U	660.	U	670.	U	670.	U
56-57-5	4-Nitroquinoline 1-oxide	5000.	U	5100.	U	5000.	U	5000.	U	5000.	U	5000.	U
91-80-5	Methapyrilene	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U
6055-19-2	Cyclophosphamide Hydrate	660.	U	660.	U	650.	U	650.	U	660.	U	660.	U
465-73-6	Isodrin	970.	U	970.	U	960.	U	960.	U	960.	U	960.	U
92-87-5	Benzidine	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U	1700.	U
140-57-8	Aramite	690.	U	700.	U	690.	U	690.	U	690.	U	690.	U
60-11-7	p-(Dimethylamino)azobenzene	700.	U	710.	U	700.	U	700.	U	700.	U	700.	U
510-15-6	Chlorobenzilate	750.	U	750.	U	740.	U	740.	U	740.	U	740.	U
52-85-7	Famphur	2100.	U	2100.	U	2100.	U	2100.	U	2100.	U	2100.	U
119-93-7	3,3-Dimethylbenzidine	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
53-96-3	Acetamidofluorene	750.	U	750.	U	740.	U	740.	U	740.	U	740.	U
119-90-4	3,3'-Dimethoxybenzidine	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	470.	U	470.	U	470.	U	470.	U	470.	U	470.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	430.	U	430.	U	430.	U	430.	U	430.	U	430.	U
56-49-5	3-Methyl cholanthrene	640.	U	640.	U	630.	U	630.	U	640.	U	640.	U
224-42-0	Dibenz(a,j)acridine	430.	U	430.	U	430.	U	430.	U	430.	U	430.	U
108-39-4	3-Methylphenol (m-Cresol)	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U	1400.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA									
	SAMPLE ID ------->	003-G-GI06-01 MS		003-G-GI06-01 MSD		003-S-LP03-03 MS		003-S-LP03-03 MSD	
	ORIGINAL ID ----->	03GGI0601MS		03GGI0601MSD		003SLP0303MS		003SLP0303MSD	
	LAB SAMPLE ID --->	748142MS		748143MSD		744295MS		744296MSD	
	ID FROM REPORT -->	03GGI0601MS		03GGI0601MSD		03SLP0303MS		03SLP0303MSD	
	SAMPLE DATE ----->					08/07/95		08/07/95	
	DATE EXTRACTED -->	08/26/95		08/26/95		08/15/95		08/15/95	
	DATE ANALYZED --->	08/28/95		08/28/95		08/16/95		08/16/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	SSPLP	VAL	SSPLP	VAL
106-44-5	4-Methylphenol (p-Cresol)	35.	U	35.	U	35.	U	35.	U
101-55-3	4-Bromophenyl-phenylether	15.	U	15.	U	15.	U	15.	U
108-95-2	Phenol	68.		63.		60.		60.	
111-44-4	bis(2-Chloroethyl)ether	20.	U	20.	U	20.	U	20.	U
95-57-8	2-Chlorophenol	150.		140.		130.		130.	
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	78.		62.		66.		59.	
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	20.	U	20.	U	20.	U	20.	U
621-64-7	N-Nitroso-di-n-propylamine	54.		46.		64.		56.	
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	35.	U	35.	U	35.	U	35.	U
111-91-1	bis(2-Chloroethoxy)methane	15.	U	15.	U	15.	U	15.	U
120-83-2	2,4-Dichlorophenol	15.	U	15.	U	15.	U	15.	U
120-82-1	1,2,4-Trichlorobenzene	81.		65.		71.		66.	
91-20-3	Naphthalene	1.	J	1.	J	5.	U	3.	J
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	170.	J	140.		130.		140.	
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	5.	J
77-47-4	Hexachlorocyclopentadiene	25.	U	25.	U	25.	U	25.	U
88-06-2	2,4,6-Trichlorophenol	25.	U	25.	U	25.	U	25.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	15.	U	15.	U	15.	U	15.	U
88-74-4	2-Nitroaniline	20.	U	20.	U	20.	U	20.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	15.	U	15.	U	15.	U	15.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	30.	U	30.	U	30.	U	30.	U
83-32-9	Acenaphthene	83.		70.		74.		67.	
51-28-5	2,4-Dinitrophenol	75.	U	75.	U	75.	U	75.	U
100-02-7	4-Nitrophenol	44.	J	45.		51.		48.	
121-14-2	2,4-Dinitrotoluene	70.		59.		71.		66.	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA									
	SAMPLE ID ------->	003-G-GI06-01 MS		003-G-GI06-01 MSD		003-S-LP03-03 MS		003-S-LP03-03 MSD	
	ORIGINAL ID ----->	03GGI0601MS		03GGI0601MSD		003SLP0303MS		003SLP0303MSD	
	LAB SAMPLE ID --->	748142MS		748143MSD		744295MS		744296MSD	
	ID FROM REPORT -->	03GGI0601MS		03GGI0601MSD		03SLP0303MS		03SLP0303MSD	
	SAMPLE DATE ----->					08/07/95		08/07/95	
	DATE EXTRACTED -->	08/26/95		08/26/95		08/15/95		08/15/95	
	DATE ANALYZED --->	08/28/95		08/28/95		08/16/95		08/16/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	SSPLP	VAL	SSPLP	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	15.	U	15.	U	15.	U	15.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	35.	U	35.	U	35.	U	35.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	45.	U	45.	U	45.	U	45.	U
86-30-6	N-Nitrosodiphenylamine	30.	U	30.	U	30.	U	30.	U
118-74-1	Hexachlorobenzene	15.	U	15.	U	15.	U	15.	U
87-86-5	Pentachlorophenol	59.		35.	J	100.		110.	
85-01-8	Phenanthrene	15.	U	15.	U	15.	U	15.	U
120-12-7	Anthracene	15.	U	15.	U	15.	U	15.	U
84-74-2	Di-n-butylphthalate	15.	U	15.	U	15.	U	15.	U
206-44-0	Fluoranthene	20.	U	20.	U	20.	U	20.	U
129-00-0	Pyrene	110.		88.		80.		74.	
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	25.	U	25.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	15.	U	15.	U	15.	U	15.	U
117-84-0	Di-n-octyl phthalate	20.	U	20.	U	20.	U	20.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	20.	U	20.	U	20.	U	20.	U
50-32-8	Benzo(a)pyrene	5.	U	5.	U	5.	U	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	15.	U	15.	U	15.	U	15.	U
110-86-1	Pyridine	20.	U	20.	U	20.	U	20.	U
123-63-7	Paraldehyde	10.	U	10.	U	10.	U	10.	U
97-63-2	Ethyl methacrylate	15.	U	15.	U	15.	U	15.	U
109-06-8	2-Picoline	45.	U	45.	U	45.	U	45.	U
10595-95-6	N-Nitrosomethylethylamine	20.	U	20.	U	20.	U	20.	U
66-27-3	Methyl methanesulfonate	20.	U	20.	U	20.	U	20.	U
55-18-5	N-Nitrosodiethylamine	15.	U	15.	U	15.	U	15.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA									
	SAMPLE ID ------->	003-G-GI06-01 MS		003-G-GI06-01 MSD		003-S-LP03-03 MS		003-S-LP03-03 MSD	
	ORIGINAL ID ----->	03GGI0601MS		03GGI0601MSD		003SLP0303MS		003SLP0303MSD	
	LAB SAMPLE ID --->	748142MS		748143MSD		744295MS		744296MSD	
	ID FROM REPORT -->	03GGI0601MS		03GGI0601MSD		03SLP0303MS		03SLP0303MSD	
	SAMPLE DATE ----->					08/07/95		08/07/95	
	DATE EXTRACTED -->	08/26/95		08/26/95		08/15/95		08/15/95	
	DATE ANALYZED --->	08/28/95		08/28/95		08/16/95		08/16/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	SSPLP	VAL	SSPLP	VAL
62-50-0	Ethyl methanesulfonate	20.	U	20.	U	20.	U	20.	U
62-53-3	Aniline	15.	U	15.	U	15.	U	15.	U
76-01-7	Pentachloroethane	10.	U	10.	U	10.	U	10.	U
100-44-7	Benzyl chloride	5.	U	5.	U	5.	U	5.	U
100-51-6	Benzyl alcohol	20.	U	20.	U	20.	U	20.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	15.	U	15.	U	15.	U	15.	U
930-55-2	N-Nitrosopyrrolidine	15.	U	15.	U	15.	U	15.	U
98-86-2	Acetophenone	20.	U	20.	U	20.	U	20.	U
59-89-2	N-Nitrosomorpholine	10.	U	10.	U	10.	U	10.	U
636-21-5	o-Toluidine hydrochloride	25.	U	25.	U	25.	U	25.	U
100-75-4	N-Nitrosopiperidine	10.	U	10.	U	10.	U	10.	U
108-70-3	1,3,5-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U
98-87-3	Benzal chloride	15.	U	15.	U	15.	U	15.	U
126-68-1	O,O,O-Triethylphosphorothioate	110.	U	110.	U	110.	U	110.	U
65-85-0	Benzoic acid	95.	U	95.	U	95.	U	95.	U
87-65-0	2,6-Dichlorophenol	25.	U	25.	U	25.	U	25.	U
1888-71-7	Hexachloropropene	20.	U	20.	U	20.	U	20.	U
87-61-6	1,2,3-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U
98-07-7	Benzotrichloride	5.	U	5.	U	5.	U	5.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U	10.	U	10.	U	10.	U
94-59-7	Safrole	5.	U	5.	U	5.	U	5.	U
90-12-0	1-Methyl naphthalene	1.	J	1.	J	15.	U	12.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	15.	U
120-58-1	Isosafrole	10.	U	10.	U	10.	U	10.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10.	U	10.	U	10.	U	10.	U
90-13-1	1-Chloronaphthalene	25.	U	25.	U	25.	U	25.	U
130-15-4	1,4-Naphthoquinone	35.	U	35.	U	35.	U	35.	U
99-65-0	1,3-Dinitrobenzene	15.	U	15.	U	15.	U	15.	U
608-93-5	Pentachlorobenzene	10.	U	10.	U	10.	U	10.	U
91-59-8	2-Naphthylamine	20.	U	20.	U	20.	U	20.	U
58-90-2	2,3,4,6-Tetrachlorophenol	35.	U	35.	U	35.	U	35.	U
134-32-7	1-Naphthylamine	35.	U	35.	U	35.	U	35.	U
297-97-2	Thionazin	15.	U	15.	U	15.	U	15.	U
99-55-8	5-Nitro-o-toluidine	30.	U	30.	U	30.	U	30.	U
122-39-4	Diphenylamine	30.	U	30.	U	30.	U	30.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA									
	SAMPLE ID ------->	003-G-GI06-01 MS		003-G-GI06-01 MSD		003-S-LP03-03 MS		003-S-LP03-03 MSD	
	ORIGINAL ID ----->	03GGI0601MS		03GGI0601MSD		003SLP0303MS		003SLP0303MSD	
	LAB SAMPLE ID --->	748142MS		748143MSD		744295MS		744296MSD	
	ID FROM REPORT -->	03GGI0601MS		03GGI0601MSD		03SLP0303MS		03SLP0303MSD	
	SAMPLE DATE ----->					08/07/95		08/07/95	
	DATE EXTRACTED -->	08/26/95		08/26/95		08/15/95		08/15/95	
	DATE ANALYZED --->	08/28/95		08/28/95		08/16/95		08/16/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00180	VAL	SSPLP	VAL	SSPLP	VAL
122-66-7	Hydrazine, 1,2-diphenyl	15.	U	15.	U	15.	U	15.	U
99-35-4	1,3,5-Trinitrobenzene	45.	U	45.	U	45.	U	45.	U
2303-16-4	Diallate	20.	U	20.	U	20.	U	20.	U
62-44-2	Phenacetin	20.	U	20.	U	20.	U	20.	U
60-51-5	Dimethoate	15.	U	15.	U	15.	U	15.	U
92-67-1	4-Aminobiphenyl	10.	U	10.	U	10.	U	10.	U
23950-58-5	Pronamide	15.	U	15.	U	15.	U	15.	U
82-68-8	Pentachloronitrobenzene	15.	U	15.	U	15.	U	15.	U
56-57-5	4-Nitroquinoline 1-oxide	75.	U	75.	U	75.	U	75.	U
91-80-5	Methapyrilene	30.	U	30.	U	30.	U	30.	U
6055-19-2	Cyclophosphamide Hydrate	20.	U	20.	U	20.	U	20.	U
465-73-6	Isodrin	15.	U	15.	U	15.	U	15.	U
92-87-5	Benzidine	25.	U	25.	U	25.	U	25.	U
140-57-8	Aramite	20.	U	20.	U	20.	U	20.	U
60-11-7	p-(Dimethylamino)azobenzene	10.	U	10.	U	10.	U	10.	U
510-15-6	Chlorobenzilate	10.	U	10.	U	10.	U	10.	U
52-85-7	Famphur	65.	U	65.	U	65.	U	65.	U
119-93-7	3,3-Dimethylbenzidine	100.	U	100.	U	100.	U	100.	U
53-96-3	Acetamidofluorene	10.	U	10.	U	10.	U	10.	U
119-90-4	3,3'-Dimethoxybenzidine	20.	U	20.	U	20.	U	20.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	15.	U	15.	U	15.	U	15.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U	10.	U	10.	U	10.	U
56-49-5	3-Methyl cholanthrene	5.	U	5.	U	5.	U	5.	U
224-42-0	Dibenz(a,j)acridine	10.	U	10.	U	10.	U	10.	U
108-39-4	3-Methylphenol (m-Cresol)	35.	U	35.	U	35.	U	35.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

TOC							
	SAMPLE ID ------->	003-S-0001-02 MS	003-S-0001-02 MSD	003-M-0002-01 MS	003-M-0002-01 MSD		
	ORIGINAL ID ----->	03S000102MS	03S000102MSD	003M000201	003M000201		
	LAB SAMPLE ID --->	744237	744238	746276	746277		
	ID FROM REPORT -->	03S000102MS	03S000102MSD	003M000201	003M000201		
	SAMPLE DATE ----->	08/02/95	08/02/95	08/09/95	08/09/95		
	DATE ANALYZED --->	08/24/95	08/24/95	08/31/95	08/31/95		
	MATRIX ---------->	Soil	Soil	Sediment	Sediment		
	UNITS ---------->	mgkg	mgkg	mg/kg	mg/kg		
CAS #	Parameter	31159.43 VAL	31159.43 VAL	31199.27 VAL	31199.27 VAL		
9999900-01-4	Total Organic Carbon (TOC)	NR	NR	2630. U	2600. U		
100000-00-0	Organic Carbon	3280.	3210.	NR	NR		

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

VOA									
	SAMPLE ID ------->	003-M-0002-01 MS		003-M-0002-01 MSD		003-W-0002-01 MS		003-W-0002-01 MSD	
	ORIGINAL ID ----->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD	
	LAB SAMPLE ID --->	746256MS		746257MSD		750931MS		750932MSD	
	ID FROM REPORT -->	03M000201MS		03M000201MSD		03W000201MS		03W000201MSD	
	SAMPLE DATE ----->								
	DATE ANALYZED --->	08/16/95		08/15/95		08/30/95		08/30/95	
	MATRIX ---------->	Sediment		Sediment		Water		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/L	
CAS #	Parameter	00021	VAL	00021	VAL	00002	VAL	00002	VAL
74-87-3	Chloromethane	13.	U	13.	U	10.	U	10.	U
74-83-9	Bromomethane	13.	U	13.	U	10.	U	10.	U
75-01-4	Vinyl chloride	13.	U	13.	U	10.	U	10.	U
75-00-3	Chloroethane	13.	U	13.	U	10.	U	10.	U
75-09-2	Methylene chloride	26.	U	69.	U	10.	U	10.	U
67-64-1	Acetone	13.	U	13.	U	10.	U	10.	U
75-15-0	Carbon disulfide	13.	U	13.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethylene	82.		61.		48.		53.	
75-34-3	1,1-Dichloroethane	13.	U	13.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	13.	U	10.	U	10.	U
67-66-3	Chloroform	13.	U	13.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	13.	U	13.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	13.	U	13.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	13.	U	13.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	13.	U	13.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	13.	U	13.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	13.	U	13.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	13.	U	10.	U	10.	U
79-01-6	Trichloroethene	68.		61.		45.		49.	
124-48-1	Dibromochloromethane	13.	U	13.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	13.	U	13.	U	10.	U	10.	U
71-43-2	Benzene	72.		61.		48.		53.	
10061-02-6	trans-1,3-Dichloropropene	13.	U	13.	U	10.	U	10.	U
75-25-2	Bromoform	13.	U	13.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	13.	U	10.	U	10.	U
591-78-6	2-Hexanone	13.	U	13.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	13.	U	13.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	13.	U	10.	U	10.	U
108-88-3	Toluene	69.		62.		46.		50.	
108-90-7	Chlorobenzene	65.		60.		45.		49.	
100-41-4	Ethylbenzene	13.	U	13.	U	10.	U	10.	U
100-42-5	Styrene	13.	U	13.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	13.	U	13.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

AROM VOA

SAMPLE ID -------->	003-P-0001-01		003-T-G001-01		003-T-G002-01		003-T-G003-01		003-T-G004-01		003-T-G005-01	
ORIGINAL ID ----->	003P000101		003TG00101		003TG00201		003TG00301		003TG00401		003TG00501	
LAB SAMPLE ID --->	748137		748133		748809		748955		749393		749782	
ID FROM REPORT -->	03P000101		03TG00101		03TG00201		03TG00301		03TG00401		03TG00501	
SAMPLE DATE ----->	08/16/95		08/16/95		08/17/95		08/18/95		08/21/95		08/22/95	
DATE EXTRACTED -->	08/20/95		08/20/95		08/20/95		08/22/95		08/23/95		08/25/95	
DATE ANALYZED --->	08/21/95		08/21/95		08/25/95		08/30/95		09/02/95		09/02/95	
MATRIX ---------->	Water		Water		Water		Water		Water		Water	
UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS # Parameter	00177	VAL	00177	VAL	00177	VAL	00177	VAL	00260	VAL	00260	VAL
1634-04-4 Methyl tert-butyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2 Benzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-88-3 Toluene	0.25	U	0.26	J	0.25	U	0.25	U	0.25	U	0.41	J
108-90-7 Chlorobenzene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
100-41-4 Ethylbenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.26	J
95-47-6 o-Xylene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
100-42-5 Styrene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
541-73-1 1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	1.	J
106-46-7 1,4-Dichlorobenzene	0.15	U	0.29	J	0.27	J	0.15	U	0.18	U	0.15	U
95-50-1 1,2-Dichlorobenzene	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.7	J
106-42-3 p-Xylene	NR		NR		NR		NR		NR		NR	
108-38-3 m-Xylene	NR		NR		NR		NR		NR		NR	
1330-20-7 Xylene (Total)	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
9999900-02-9 Xylenes (Total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

AROM VOA													
	SAMPLE ID ------->	003-T-G006-01		003-T-G007-01		003-E-GW01-01		003-F-GW01-01		003-T-S001-01		003-T-S001-02	
	ORIGINAL ID ----->	003TG00601		003TG00701		003EGW0101		003FGW0101		003TS00101		003TS00102	
	LAB SAMPLE ID --->	749965		750662		750664		749397		744328		744324	
	ID FROM REPORT -->	03TG00601		03TG00701		03EGW0101		03FGW0101		03TS00101		03TS00102	
	SAMPLE DATE ----->	08/23/95		08/24/95		08/24/95		08/21/95		08/01/95		08/01/95	
	DATE EXTRACTED -->	08/25/95		08/29/95		08/29/95		08/23/95		08/04/95		08/04/95	
	DATE ANALYZED --->	09/06/95		09/06/95		09/06/95		09/01/95		08/09/95		08/09/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00260	VAL	00260	VAL	00260	VAL	00260	VAL	0018B	VAL	0018B	VAL
1634-04-4	Methyl tert-butyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	0.35	U	0.35	U	0.35	U	0.45	U	0.11	J	0.35	U
108-88-3	Toluene	0.25	U	0.25	U	0.25	U	0.3	U	0.36	J	0.25	U
108-90-7	Chlorobenzene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
100-41-4	Ethylbenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
95-47-6	o-Xylene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
100-42-5	Styrene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.15	U	1.3	J	0.15	U	0.15	U	0.15	U	0.15	U
95-50-1	1,2-Dichlorobenzene	0.15	U	1.1	J	0.15	U	0.15	U	0.15	U	0.15	U
106-42-3	p-Xylene	NR		NR		NR		NR		NR		NR	
108-38-3	m-Xylene	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
9999900-02-9	Xylenes (Total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

AROM VOA

SAMPLE ID -------->	003-T-S004-01
ORIGINAL ID ----->	03TS00401
LAB SAMPLE ID --->	747241
ID FROM REPORT -->	03TS00401
SAMPLE DATE ----->	
DATE EXTRACTED -->	08/16/95
DATE ANALYZED --->	08/17/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	0162B	VAL
1634-04-4	Methyl tert-butyl ether	5.	U
71-43-2	Benzene	0.35	U
108-88-3	Toluene	0.61	J
108-90-7	Chlorobenzene	0.25	U
100-41-4	Ethylbenzene	0.2	U
95-47-6	o-Xylene	0.26	J
100-42-5	Styrene	0.25	U
541-73-1	1,3-Dichlorobenzene	0.2	U
106-46-7	1,4-Dichlorobenzene	0.5	J
95-50-1	1,2-Dichlorobenzene	0.2	J
106-42-3	p-Xylene	NR	
108-38-3	m-Xylene	NR	
1330-20-7	Xylene (Total)	0.5	U
9999900-02-9	Xylenes (Total)	NR	

*** Validation complete ***

UST 18
NAS PENSACOLA
QA/QC

EDB							
	SAMPLE ID ------->	003-P-0001-01	003-E-GW01-01	003-F-GW01-01			
	ORIGINAL ID ----->	03P000101	03EGW0101	03FGW0101			
	LAB SAMPLE ID --->	12521-3	12558-3	12500-5			
	ID FROM REPORT -->	03P000101	03EGW0101	03FGW0101			
	SAMPLE DATE ----->	08/22/95	08/24/95	08/21/95			
	DATE EXTRACTED -->	08/31/95	08/31/95	08/28/95			
	DATE ANALYZED --->	09/01/95	09/01/95	08/30/95			
	MATRIX ---------->	Water	Water	Water			
	UNITS ---------->	UG/L	UG/L	UG/L			
CAS #	Parameter	T512521 VAL	T512558 VAL	T512500 VAL			
106-93-4	1, 2-Dibromoethane	0.02 U	0.02 U	0.02 U			

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

HAL VOA																	
	SAMPLE ID ------->	003-T-G003-01		003-E-GW01-01		003-E-S001-01		003-F-S001-01		003-T-S001-02		003-T-S002-01	
	ORIGINAL ID ----->	003TG00301		003EGW0101		03ES00101		03FS00101		003TS00102		03TS00201	
	LAB SAMPLE ID --->	748955		750664		745519		745532		744324		745002	
	ID FROM REPORT -->	03TG00301		03EGW0101		03ES00101		03FS00101		03TS00102		03TS00201	
	SAMPLE DATE ----->	08/18/95		08/24/95						08/01/95			
	DATE EXTRACTED -->	08/22/95		08/29/95		08/07/95		08/07/95		08/04/95		08/07/95	
	DATE ANALYZED --->	08/30/95		09/06/95		08/10/95		08/10/95		08/09/95		08/09/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00177	VAL	00260	VAL	0126B	VAL	0126B	VAL	0018B	VAL	0126B	VAL
74-87-3	Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl chloride	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
74-83-9	Bromomethane	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
75-00-3	Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethylene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-09-2	Methylene chloride	1.	U	1.	U	1.	U	0.64	J	0.49	J	0.73	J
156-60-5	trans-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-34-3	1,1-Dichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
67-66-3	Chloroform	0.35	U	0.35	U	0.35	U	0.15	J	0.35	U	0.13	J
74-97-5	Chlorobromomethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
71-55-6	1,1,1-Trichloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
56-23-5	Carbon tetrachloride	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
107-06-2	1,2-Dichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-01-6	Trichloroethene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
78-87-5	1,2-Dichloropropane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
75-27-4	Bromodichloromethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
74-95-3	Methylene bromide	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
110-75-8	2-Chloroethyl vinyl ether	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
10061-01-5	cis-1,3-Dichloropropene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
127-18-4	Tetrachloroethene	0.3	U	0.3	U	0.3	U	0.099	J	0.3	U	0.3	U
124-48-1	Dibromochloromethane	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
106-93-4	1, 2-Dibromoethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-90-7	Chlorobenzene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-25-2	Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
108-86-1	Bromobenzene	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
95-49-8	o-Chlorotoluene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
106-43-4	p-Chlorotoluene	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.18	J
95-50-1	1,2-Dichlorobenzene	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

HAL VOA									
	SAMPLE ID ------->	003-T-S002-02		003-T-S003-01		003-T-S003-02		003-T-S004-01	
	ORIGINAL ID ----->	03TS00202		03TS00301		03TS00302		03TS00401	
	LAB SAMPLE ID --->	745006		745546		745547		747241	
	ID FROM REPORT -->	03TS00202		03TS00301		03TS00302		03TS00401	
	SAMPLE DATE ----->								
	DATE EXTRACTED -->	08/07/95		08/07/95		08/07/95		08/16/95	
	DATE ANALYZED --->	08/09/95		08/10/95		08/17/95		08/17/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	0126B	VAL	0126B	VAL	0126B	VAL	0162B	VAL
74-87-3	Chloromethane	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl chloride	0.55	U	0.55	U	0.55	U	0.55	U
74-83-9	Bromomethane	0.45	U	0.45	U	0.45	U	0.45	U
75-00-3	Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethylene	0.35	U	0.35	U	0.35	U	0.35	U
75-09-2	Methylene chloride	0.66	J	1.	U	0.85	J	1.	U
156-60-5	trans-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U
75-34-3	1,1-Dichloroethane	0.35	U	0.35	U	0.35	U	0.35	U
67-66-3	Chloroform	0.081	J	0.35	U	0.23	J	0.35	U
74-97-5	Chlorobromomethane	0.25	U	0.25	U	0.25	U	0.25	U
71-55-6	1,1,1-Trichloroethane	0.025	J	0.35	U	0.17	J	0.35	U
56-23-5	Carbon tetrachloride	0.35	U	0.35	U	0.35	U	0.35	U
107-06-2	1,2-Dichloroethane	0.25	U	0.25	U	0.25	U	0.25	U
79-01-6	Trichloroethene	0.3	U	0.3	U	0.3	U	0.3	U
78-87-5	1,2-Dichloropropane	0.3	U	0.3	U	0.3	U	0.3	U
75-27-4	Bromodichloromethane	0.4	U	0.4	U	0.4	U	0.4	U
74-95-3	Methylene bromide	0.4	U	0.4	U	0.4	U	0.4	U
110-75-8	2-Chloroethyl vinyl ether	0.4	U	0.4	U	0.4	U	0.4	U
10061-01-5	cis-1,3-Dichloropropene	0.3	U	0.3	U	0.3	U	0.3	U
10061-02-6	trans-1,3-Dichloropropene	0.25	U	0.25	U	0.25	U	0.25	U
79-00-5	1,1,2-Trichloroethane	0.25	U	0.25	U	0.25	U	0.25	U
127-18-4	Tetrachloroethene	0.11	J	0.3	U	0.11	J	0.3	U
124-48-1	Dibromochloromethane	0.3	U	0.3	U	0.3	U	0.3	U
106-93-4	1, 2-Dibromoethane	0.35	U	0.35	U	0.35	U	0.35	U
108-90-7	Chlorobenzene	0.35	U	0.35	U	0.35	U	0.35	U
630-20-6	1,1,1,2-Tetrachloroethane	0.35	U	0.35	U	0.35	U	0.35	U
75-25-2	Bromoform	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	U	0.4	U	0.4	U	0.4	U
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	U	0.35	U	0.35	U
108-86-1	Bromobenzene	0.85	U	0.85	U	0.85	U	0.85	U
95-49-8	o-Chlorotoluene	0.25	U	0.25	U	0.25	U	0.25	U
106-43-4	p-Chlorotoluene	0.35	U	0.35	U	0.35	U	0.35	U
541-73-1	1,3-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	U	0.2	U	0.25	J	0.23	J
95-50-1	1,2-Dichlorobenzene	0.3	U	0.3	U	0.3	U	0.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

LEAD							
	SAMPLE ID ------->	003-P-0001-01	003-E-GW01-01	003-F-GW01-01	003-E-S001-01	003-F-S001-01	PBS-T-1159-46
	ORIGINAL ID ----->	03P000101	03EGW0101	03FGW0101	003ES00101	003FS00101	PBS
	LAB SAMPLE ID --->	748146	750671	749422	745528	745545	PBS
	ID FROM REPORT -->	03P000101	MAC009	MAC004	003ES00101	003FS00101	PBS
	SAMPLE DATE ----->	08/16/95			08/07/95	08/07/95	
	DATE ANALYZED --->						08/08/95
	MATRIX ---------->	Water	Water	Water	Water	Water	Soil
	UNITS ---------->	UG/L	UG/L	UG/L	UG/L	UG/L	MG/KG
CAS #	Parameter	159182 VAL	277 VAL	277 VAL	59151B VAL	59151B VAL	115946 VAL
PB	Lead	5.4 U	2.3	2.1	1.6 U	1.6 U	0.16 U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

METAL

SAMPLE ID -------->	003-E-M001-01
ORIGINAL ID ----->	003EM00101
LAB SAMPLE ID --->	746193
ID FROM REPORT -->	MAC001
SAMPLE DATE ----->	08/09/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	311993	VAL
AL	Aluminum	102.	J
SB	Antimony	1.9	U
AS	Arsenic	2.7	U
BA	Barium	8.7	J
BE	Beryllium	0.1	U
CD	Cadmium	0.5	U
CA	Calcium	145.	J
CR	Chromium	0.7	U
CO	Cobalt	0.5	U
CU	Copper	7.5	J
FE	Iron	8.7	U
PB	Lead	1.6	U
MG	Magnesium	7.3	J
MN	Manganese	0.75	J
NI	Nickel	2.4	U
K	Potassium	83.5	J
SE	Selenium	3.4	U
AG	Silver	4.5	U
NA	Sodium	692.	J
TL	Thallium	3.6	U
V	Vanadium	0.6	U
ZN	Zinc	1.2	U
CN	Cyanide	10.	U
HG	Mercury	0.2	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

PEST

SAMPLE ID ------->	003-E-M001-01
ORIGINAL ID ----->	03EM00101
LAB SAMPLE ID --->	746187
ID FROM REPORT -->	03EM00101
SAMPLE DATE ----->	
DATE EXTRACTED -->	08/15/95
DATE ANALYZED --->	08/17/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	00002	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.0014	J
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.0013	J
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U
108-90-7	Chlorobenzene	NR	
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	
1634-04-4	Methyl tert-butyl ether	NR	
71-43-2	Benzene	NR	
108-88-3	Toluene	NR	
100-41-4	Ethylbenzene	NR	

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

PEST							
	SAMPLE ID ------->	003-E-M001-01					
	ORIGINAL ID ----->	03EM00101					
	LAB SAMPLE ID --->	746187					
	ID FROM REPORT -->	03EM00101					
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	08/15/95					
	DATE ANALYZED --->	08/17/95					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	Parameter	00002 VAL					
9999900-02-9	Xylenes (Total)	NR					
95-47-6	o-Xylene	NR					
100-42-5	Styrene	NR					

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-P-0001-01		003-E-GW01-01		003-F-GW01-01		003-E-M001-01		003-E-S001-01		003-F-S001-01	
	ORIGINAL ID ----->	03P000101		003EGW0101		003FGW0101		03EM00101		003ES00101		003FS00101	
	LAB SAMPLE ID --->	748141		750668		749413		746187		745523		745535	
	ID FROM REPORT -->	03P000101		03EGW0101		03FGW0101		03EM00101		03ES00101		03FS00101	
	SAMPLE DATE ----->			08/24/95		08/21/95				08/07/95		08/07/95	
	DATE EXTRACTED -->	08/18/95		08/28/95		08/23/95		08/15/95		08/11/95		08/09/95	
	DATE ANALYZED --->	08/21/95		08/29/95		08/25/95		08/17/95		08/11/95		08/10/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00002	VAL	0149B	VAL	0149B	VAL
106-44-5	4-Methylphenol (p-Cresol)	35.	U	35.	U	35.	U	10.	U	35.	U	35.	U
101-55-3	4-Bromophenyl-phenylether	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
108-95-2	Phenol	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
111-44-4	bis(2-Chloroethyl)ether	20.	U	20.	U	20.	U	10.	U	20.	U	20.	U
95-57-8	2-Chlorophenol	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	20.	U	20.	U	20.	U	10.	U	20.	U	20.	U
621-64-7	N-Nitroso-di-n-propylamine	20.	U	20.	U	20.	U	10.	U	20.	U	20.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U	10.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	35.	U	35.	U	35.	U	10.	U	35.	U	35.	U
111-91-1	bis(2-Chloroethoxy)methane	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
120-83-2	2,4-Dichlorophenol	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	10.	U	5.	U	5.	U
91-20-3	Naphthalene	5.	U	5.	U	5.	U	10.	U	5.	U	5.	U
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U	10.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U	10.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	25.	U	25.	U	25.	U	10.	U	25.	U	25.	U
88-06-2	2,4,6-Trichlorophenol	25.	U	25.	U	25.	U	10.	U	25.	U	25.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
88-74-4	2-Nitroaniline	20.	U	20.	U	20.	U	25.	U	20.	U	20.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	30.	U	30.	U	30.	U	25.	U	30.	U	30.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	75.	U	75.	U	75.	U	25.	U	75.	U	75.	U
100-02-7	4-Nitrophenol	45.	U	45.	U	45.	U	25.	U	45.	U	45.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-P-0001-01		003-E-GW01-01		003-F-GW01-01		003-E-M001-01		003-E-S001-01		003-F-S001-01	
	ORIGINAL ID ----->	03P000101		003EGW0101		003FGW0101		03EM00101		003ES00101		003FS00101	
	LAB SAMPLE ID --->	748141		750668		749413		746187		745523		745535	
	ID FROM REPORT -->	03P000101		03EGW0101		03FGW0101		03EM00101		03ES00101		03FS00101	
	SAMPLE DATE ----->			08/24/95		08/21/95				08/07/95		08/07/95	
	DATE EXTRACTED -->	08/18/95		08/28/95		08/23/95		08/15/95		08/11/95		08/09/95	
	DATE ANALYZED --->	08/21/95		08/29/95		08/25/95		08/17/95		08/11/95		08/10/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00002	VAL	0149B	VAL	0149B	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	15.	U	35.	U	15.	U	10.	U	15.	U	15.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	35.	U	35.	U	35.	U	25.	U	35.	U	35.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	45.	U	45.	U	45.	U	25.	U	45.	U	45.	U
86-30-6	N-Nitrosodiphenylamine	30.	U	30.	U	30.	U	10.	U	30.	U	30.	U
118-74-1	Hexachlorobenzene	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
87-86-5	Pentachlorophenol	55.	U	55.	U	55.	U	25.	U	55.	U	55.	U
85-01-8	Phenanthrene	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
120-12-7	Anthracene	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
84-74-2	Di-n-butylphthalate	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
206-44-0	Fluoranthene	20.	U	20.	U	20.	U	10.	U	20.	U	20.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	19.	U	10.	U	10.	U	25.	U	25.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	15.	U	15.	U	15.	U	10.	U	15.	U	15.	U
117-84-0	Di-n-octyl phthalate	20.	U	20.	U	10.	U	10.	U	20.	U	20.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	20.	U	20.	U	20.	U	10.	U	20.	U	20.	U
50-32-8	Benzo(a)pyrene	5.	U	5.	U	5.	U	10.	U	5.	U	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		10.	U	NR		NR	
86-74-8	Carbazole	NR		NR		NR		10.	U	NR		NR	
62-75-9	N-Nitrosodimethylamine	15.	U	15.	U	15.	U	NR		15.	U	15.	U
110-86-1	Pyridine	20.	U	20.	U	20.	U	NR		20.	U	20.	U
123-63-7	Paraldehyde	10.	U	10.	U	10.	U	NR		10.	U	10.	U
97-63-2	Ethyl methacrylate	15.	U	15.	U	15.	U	NR		15.	U	15.	U
109-06-8	2-Picoline	45.	U	45.	U	45.	U	NR		45.	U	45.	U
10595-95-6	N-Nitrosomethylethylamine	20.	U	20.	U	20.	U	NR		20.	U	20.	U
66-27-3	Methyl methanesulfonate	20.	U	20.	U	20.	U	NR		20.	U	20.	U
55-18-5	N-Nitrosodiethylamine	15.	U	15.	U	15.	U	NR		15.	U	15.	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-P-0001-01		003-E-GW01-01		003-F-GW01-01		003-E-M001-01		003-E-S001-01		003-F-S001-01	
	ORIGINAL ID ----->	03P000101		003EGW0101		003FGW0101		03EM00101		003ES00101		003FS00101	
	LAB SAMPLE ID --->	748141		750668		749413		746187		745523		745535	
	ID FROM REPORT -->	03P000101		03EGW0101		03FGW0101		03EM00101		03ES00101		03FS00101	
	SAMPLE DATE ----->			08/24/95		08/21/95				08/07/95		08/07/95	
	DATE EXTRACTED -->	08/18/95		08/28/95		08/23/95		08/15/95		08/11/95		08/09/95	
	DATE ANALYZED --->	08/21/95		08/29/95		08/25/95		08/17/95		08/11/95		08/10/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00002	VAL	0149B	VAL	0149B	VAL
62-50-0	Ethyl methanesulfonate	20.	U	20.	U	20.	U	NR		20.	U	20.	U
62-53-3	Aniline	15.	U	15.	U	15.	U	NR		15.	U	15.	U
76-01-7	Pentachloroethane	10.	U	10.	U	10.	U	NR		10.	U	10.	U
100-44-7	Benzyl chloride	5.	U	5.	U	5.	U	NR		5.	U	5.	U
100-51-6	Benzyl alcohol	20.	U	20.	U	20.	U	NR		20.	U	20.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	15.	U	15.	U	15.	U	NR		15.	U	15.	U
930-55-2	N-Nitrosopyrrolidine	15.	U	15.	U	15.	U	NR		15.	U	15.	U
98-86-2	Acetophenone	20.	U	20.	U	20.	U	NR		20.	U	20.	U
59-89-2	N-Nitrosomorpholine	10.	U	10.	U	10.	U	NR		10.	U	10.	U
636-21-5	o-Toluidine hydrochloride	25.	U	25.	U	25.	U	NR		25.	U	25.	U
100-75-4	N-Nitrosopiperidine	10.	U	10.	U	10.	U	NR		10.	U	10.	U
108-70-3	1,3,5-Trichlorobenzene	5.	U	5.	U	5.	U	NR		5.	U	5.	U
98-87-3	Benzal chloride	15.	U	15.	U	15.	U	NR		15.	U	15.	U
126-68-1	O,O,O-Triethylphosphorothioate	110.	U	110.	U	110.	U	NR		110.	U	110.	U
65-85-0	Benzoic acid	95.	U	95.	U	95.	U	NR		95.	U	95.	U
87-65-0	2,6-Dichlorophenol	25.	U	25.	U	25.	U	NR		25.	U	25.	U
1888-71-7	Hexachloropropene	20.	U	20.	U	20.	U	NR		20.	U	20.	U
87-61-6	1,2,3-Trichlorobenzene	5.	U	5.	U	5.	U	NR		5.	U	5.	U
98-07-7	Benzotrichloride	5.	U	5.	U	5.	U	NR		5.	U	5.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U	10.	U	10.	U	NR		10.	U	10.	U
94-59-7	Safrole	5.	U	5.	U	5.	U	NR		5.	U	5.	U
90-12-0	1-Methyl naphthalene	15.	U	15.	U	15.	U	NR		15.	U	15.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	NR		15.	U	15.	U
634-90-2	1,2,3,5-Tetrachlorobenzene	15.	U	15.	U	15.	U	NR		15.	U	15.	U
120-58-1	Isosafrole	10.	U	10.	U	10.	U	NR		10.	U	10.	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10.	U	10.	U	10.	U	NR		10.	U	10.	U
90-13-1	1-Chloronaphthalene	25.	U	25.	U	25.	U	NR		25.	U	25.	U
130-15-4	1,4-Naphthoquinone	35.	U	35.	U	35.	U	NR		35.	U	35.	U
99-65-0	1,3-Dinitrobenzene	15.	U	15.	U	15.	U	NR		15.	U	15.	U
608-93-5	Pentachlorobenzene	10.	U	10.	U	10.	U	NR		10.	U	10.	U
91-59-8	2-Naphthylamine	20.	U	20.	U	20.	U	NR		20.	U	20.	U
58-90-2	2,3,4,6-Tetrachlorophenol	35.	U	35.	U	35.	U	NR		35.	U	35.	U
134-32-7	1-Naphthylamine	35.	U	35.	U	35.	U	NR		35.	U	35.	U
297-97-2	Thionazin	15.	U	15.	U	15.	U	NR		15.	U	15.	U
99-55-8	5-Nitro-o-toluidine	30.	U	30.	U	30.	U	NR		30.	U	30.	U
122-39-4	Diphenylamine	30.	U	30.	U	30.	U	NR		30.	U	30.	U

*** Validation Complete ***

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NAS PENSACOLA
QA/QC

SVOA													
	SAMPLE ID ------->	003-P-0001-01		003-E-GW01-01		003-F-GW01-01		003-E-M001-01		003-E-S001-01		003-F-S001-01	
	ORIGINAL ID ----->	03P000101		003EGW0101		003FGW0101		03EM00101		003ES00101		003FS00101	
	LAB SAMPLE ID --->	748141		750668		749413		746187		745523		745535	
	ID FROM REPORT -->	03P000101		03EGW0101		03FGW0101		03EM00101		03ES00101		03FS00101	
	SAMPLE DATE ----->			08/24/95		08/21/95				08/07/95		08/07/95	
	DATE EXTRACTED -->	08/18/95		08/28/95		08/23/95		08/15/95		08/11/95		08/09/95	
	DATE ANALYZED --->	08/21/95		08/29/95		08/25/95		08/17/95		08/11/95		08/10/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00180	VAL	00272	VAL	00272	VAL	00002	VAL	0149B	VAL	0149B	VAL
122-66-7	Hydrazine, 1,2-diphenyl	15.	U	15.	U	15.	U	NR		15.	U	15.	U
99-35-4	1,3,5-Trinitrobenzene	45.	U	45.	U	45.	U	NR		45.	U	45.	U
2303-16-4	Diallate	20.	U	20.	U	20.	U	NR		20.	U	20.	U
62-44-2	Phenacetin	20.	U	20.	U	20.	U	NR		20.	U	20.	U
60-51-5	Dimethoate	15.	U	15.	U	15.	U	NR		15.	U	15.	U
92-67-1	4-Aminobiphenyl	10.	U	10.	U	10.	U	NR		10.	U	10.	U
23950-58-5	Pronamide	15.	U	15.	U	15.	U	NR		15.	U	15.	U
82-68-8	Pentachloronitrobenzene	15.	U	15.	U	15.	U	NR		15.	U	15.	U
56-57-5	4-Nitroquinoline 1-oxide	75.	U	75.	U	75.	U	NR		75.	U	75.	U
91-80-5	Methapyrilene	30.	U	30.	U	30.	U	NR		30.	U	30.	U
6055-19-2	Cyclophosphamide Hydrate	20.	U	20.	U	20.	U	NR		20.	U	20.	U
465-73-6	Isodrin	15.	U	15.	U	15.	U	NR		15.	U	15.	U
92-87-5	Benzidine	25.	U	25.	U	25.	U	NR		25.	U	25.	U
140-57-8	Aramite	20.	U	20.	U	20.	U	NR		20.	U	20.	U
60-11-7	p-(Dimethylamino)azobenzene	10.	U	10.	U	10.	U	NR		10.	U	10.	U
510-15-6	Chlorobenzilate	10.	U	10.	U	10.	U	NR		10.	U	10.	U
52-85-7	Famphur	65.	U	65.	U	65.	U	NR		65.	U	65.	U
119-93-7	3,3-Dimethylbenzidine	100.	U	100.	U	100.	U	NR		100.	U	100.	U
53-96-3	Acetamidofluorene	10.	U	10.	U	10.	U	NR		10.	U	10.	U
119-90-4	3,3'-Dimethoxybenzidine	20.	U	20.	U	20.	U	NR		20.	U	20.	U
101-14-4	Benzenamine, 4,4'-methylenebis[2chloro-	15.	U	15.	U	15.	U	NR		15.	U	15.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U	10.	U	10.	U	NR		10.	U	10.	U
56-49-5	3-Methyl cholanthrene	5.	U	5.	U	5.	U	NR		5.	U	5.	U
224-42-0	Dibenz(a,j)acridine	10.	U	10.	U	10.	U	NR		10.	U	10.	U
108-39-4	3-Methylphenol (m-Cresol)	35.	U	35.	U	35.	U	NR		35.	U	35.	U

*** Validation complete ***

UST 18
NAS PENSACOLA
QA/QC

TPH													
	SAMPLE ID ------->	003-P-0001-01		003-E-GW01-01		003-F-GW01-01		003-E-M001-01		003-E-S001-01		003-F-S001-01	
	ORIGINAL ID ----->	003P000101		003EGW0101		003FGW0101		003EM00101		003ES00101		003FS00101	
	LAB SAMPLE ID --->	748145		750672		749429		746194		745526		745542	
	ID FROM REPORT -->	003P000101		003EGW0101		003FGW0101		003EM00101		003ES00101		003FS00101	
	SAMPLE DATE ----->	08/16/95		08/24/95		08/21/95		08/09/95		08/07/95		08/07/95	
	DATE EXTRACTED -->	08/29/95		08/30/95		08/30/95		08/29/95		08/23/95		08/23/95	
	DATE ANALYZED --->	08/29/95		08/31/95		08/31/95		08/29/95		08/24/95		08/24/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	31159.181	VAL	31159.282	VAL	31159.282	VAL	31199.4	VAL	31159.150B	VAL	31159.150B	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH	0.25	U	0.25	U	0.25	U	0.25	U	6.3	U	6.3	U

*** Validation Complete ***

UST 18
NAS PENSACOLA
QA/QC

VOA											
	SAMPLE ID ------->	003-T-M001-01		003-E-M001-01		003-T-W001-01					
	ORIGINAL ID ----->	003TM00101		03EM00101		03TW00101					
	LAB SAMPLE ID --->	746245		750935		750930					
	ID FROM REPORT -->	03TM00101		03EM00101		03TW00101					
	SAMPLE DATE ----->	08/09/95									
	DATE ANALYZED --->	08/18/95		08/30/95		08/30/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	0002B	VAL	00002	VAL	00002	VAL				
74-87-3	Chloromethane	10.	U	10.	U	10.	U				
74-83-9	Bromomethane	10.	U	10.	U	10.	U				
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U				
75-00-3	Chloroethane	10.	U	10.	U	10.	U				
75-09-2	Methylene chloride	10.	U	3.	J	4.	J				
67-64-1	Acetone	10.	U	10.	U	10.	U				
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U				
75-35-4	1,1-Dichloroethylene	10.	U	10.	U	10.	U				
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U				
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U				
67-66-3	Chloroform	10.	U	10.	U	10.	U				
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U				
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U				
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U				
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U				
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U				
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U				
79-01-6	Trichloroethene	10.	U	10.	U	10.	U				
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U				
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U				
71-43-2	Benzene	10.	U	10.	U	10.	U				
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U				
75-25-2	Bromoform	10.	U	10.	U	10.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U				
591-78-6	2-Hexanone	10.	U	10.	U	10.	U				
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U				
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U				
108-88-3	Toluene	10.	U	10.	U	10.	U				
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U				
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U				
100-42-5	Styrene	10.	U	10.	U	10.	U				
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U				

*** Validation Complete ***