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Confirmation Sampling Results
Chevalier Field Removal Actions
Naval Air Station Pensacola
Pensacola, Escambia County, Florida

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19. Abstract
Interim removal actions were conducted for NASP Site 9 (the Navy Yard Disposal Area), Site 29 (the soil south of Building 36401, Site 34 (north of Building 35571, and Site 36 (soil adjacent to IWTP sewer lines). Statelfederal leachability standards were used in confirmatory sampling. Site 9 soil conditions were characterized by metals and PAHs exceeding PRGs. Records list Site 9A as a petroleum site, but during excavation it was found to be a metals dump. Contractor records show 422 cubic yards of soil removed, but other records state the actual excavation to be 214.93 cubic yards. Confirmatory sampling results indicated dieldrin above PRGs in the backfill material. Site 29 soil conditions were characterized by metals, PAHs, and dieldrin in soil. Contractor records indicate 422.22 cubic yards of soil removed. Confirmatory sample results indicated dieldrin above the PRG. Site 34 soil conditions were characterized by metals and PAHs. Contractor records show 1,111.1 cubic yards of soil removed. Confirmatory sampling results indicate dieldrin above PRGs. Site 36 excavations occurred along the sewer line at five locations. Confirmatory sample results indicate the PRG for barium was exceeded at locations 36A and 36D. Also, benzo(a)anthracene exceeded its PRG a location 36E.

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Appendix A Analytical Data Summary Tables

List of Acronyms

°C	Degrees Celsius
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARARS	Applicable or Relevant and Appropriate Requirements
ASTM	American Society for Testing and Materials
AT	Average Time
bls	Below land surface
BNAs	Base neutral/acid extractables
BRA	Baseline Risk Assessment
BRAC	Base Realignment and Closure
BW	Body Weight
CCB	Continuing Calibration Blank
CDI	Chronic Daily Intake
CEC	Cation Exchange Capacity
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CG	Cleanup Goal
CLEAN	Comprehensive Long-term Environmental Action Navy
CLP	Contract Laboratory Program
COC	Chain of Custody
COPCs	Chemicals of Potential Concern
CPSSs	Chemicals Present in Site Samples
CRQL	Contract Required Quantitation Limit
CSAP	Comprehensive Sampling and Analysis Plan
CSS	Contaminant Source Survey
CSV	Chemical-Specific Value
CT	Central Tendency
C_w	Chemical Concentration in Groundwater
DCB	Decachlorobiphenyl
DI	De-ionized
DOT	Department of Transportation
E/A&H	EnSafe/Allen & Hoshall
E&E	Ecology and Environment, Inc.
ED	Exposure Duration
EF	Exposure Frequency
FB	Field Blank
FDEP	Florida Department of Environmental Protection
FDWS	Florida Drinking Water Standard
FFA	Federal Facilities Agreement
FGGC	Florida Groundwater Guidance Concentrations
FNAI	Florida Natural Areas Inventory

f_{oc}	Organic Carbon Fraction
FPDWS	Florida Primary Drinking Water Standard
FS	Feasibility Study
FSA	Full Scan Analysis
FSDWS	Florida Secondary Drinking Water Standard
ft/day	Feet per day
G&M	Geraghty & Miller, Inc.
GPS	Global Positioning System
GS	Grain Size
H_2SO_4	Sulfuric Acid
HCl	Hydrochloric Acid
HEAST	Health Effects Summary Tables
HI	Hazard Index
HNO_3	Nitric Acid
HQ	Hazard Quotient
IAS	Initial Assessment Study
ICB	Initial Calibration Blank
ICSA	Interference Check Sample Analysis
ID	Inside Diameter
IDL	Instrument Detection Limit
IDW	Investigation-derived Waste
ILCR	Incremental Lifetime Cancer Risk
IR	Ingestion Rate
IRIS	Integrated Risk Information System
IRP	Installation Restoration Program
IWTP	Industrial Wastewater Treatment Plant
K	Hydraulic Conductivity
K_d	Distribution Coefficient
K_{oc}	Carbon Partitioning Coefficient
LCSA	Laboratory Control Sample Analysis
LEL	Lower Explosive Limit
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
NEESA	Naval Energy and Environmental Support Activity
NPL	National Priorities List
OD	Outside Diameter
OERR	Office of Emergency and Remedial Response
OSWER	Office of Solid Waste and Emergency Response
PAH	Polycyclic Aromatic Hydrocarbon
PBS1	Soil Preparation Blank

PBW	Water Preparation Blank
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
PRG	Preliminary Remediation Goal
PVC	Polyvinyl Chloride
PWC	Public Works Center
QA/QC	Quality Assurance/Quality Control
R	Flagged
RAGS	Risk Assessment Guidance for Superfund
RBC	Risk-based Concentration
RC	Reference Concentration
R_f	Retardation Factor
RfD	Reference Dose
RGO	Remedial Goal Options
RI	Remedial Investigation
RMI	Reasonable Maximum Exposure
ROD	Record of Decision
ROICC	Resident Officer In Charge of Construction
RRFs	Relative Response Factors
SAP	Sampling and Analysis Plan
SDG	Sample Delivery Group
SF	Cancer Slope Factor
SMCL	Secondary Maximum Contaminant Levels
SMP	Site Management Plan
SOP/QAM	Standard Operating Procedures and Quality Assurance Manual
SOUTHNAVFACENGCOM	Southern Division Naval Facilities Engineering Command
SOW	Statement of Work
SPLP	Synthetic Precipitation Leaching Procedure
svocs	Semivolatile Organic Compounds
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TCX	Tetrachloro-m-xylene
TEF	Toxicity Equivalency Factor
TIC	Tentatively Identified Compound
TOC	Total Organic Carbon
TRPHs	Total Recoverable Petroleum Hydrocarbons
U	Undetected
UCL	Upper Confidence Limit
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
VTSR	Verified Time of Sample Receipt

EXECUTIVE SUMMARY

Realignment construction at Naval Air Station Pensacola encompassed Remedial Investigation (RI) Sites 9, 29, 34, and 36. The Base Closure and Realignment (BRAC) contractor was tasked to perform interim removals at these sites by removing contaminated soil during construction of the new facilities at the base. As the removals were completed, the Navy conducted confirmatory sampling to document removal of the contaminated soil.

Prior to the soil removal, the BRAC contractor collected and analyzed soil samples to determine disposal requirements for the contaminated soil after its excavation. EnSafe/Allen & Hoshall (E/A&H) was tasked by the Southern Division, Naval Facilities Engineering Command under the Comprehensive Long-Term Environmental Action Navy (CLEAN) contract to perform confirmatory sampling by collecting soil samples from the four walls of the excavation and the backfill material.

The BRAC contractor's construction contract stipulated notification as to when the excavations would be complete, and required the contractor to keep the excavations open for 15 calendar days to allow collection of samples from the undisturbed, in-situ soil in the excavation walls. The required notifications were not provided to the Navy and for Sites 9b and 34; these removals were accomplished and the sites backfilled without confirmation sampling. It was later agreed that the BRAC contractor would be directed to reopen these sites so confirmation testing could be accomplished.

The analytical results of confirmatory sampling were compared to 1996 Preliminary Remedial Goals (PRGs) to determine whether removal of the contaminated soil was complete. The 1996 PRGs use subsurface leaching values to evaluate the leachability of contaminants to groundwater. The 1995 PRGs, which were based on risk-based surface soil numbers, were used in the Baseline Risk Assessment and to justify the interim soil removals at Sites 9, 29, 34, and 36.

Site 9 soil conditions were characterized by metals and polycyclic aromatic hydrocarbons (PAHs) exceeding PRGs. Contractor field reports list Site 9a as a petroleum site, but once excavation began for nearby utilities, it was found that this area was a metals dump. The contractor's field report states the volume of soil at the site was 8,518 cubic yards (cy) and that it was not remediated. No sampling or analysis was performed onsite. Removal actions at Site 9b were dictated by the RI findings of benzo(a)pyrene above PRGs in surface soil at Phase I boring 09S06. Contractor log book notes show the removal at Site 9b to be 75 foot x 38 foot x 4 foot (422 cy), but Installation Restoration (IR) site data records state the actual excavation to be 214.93 cubic yards. Composite soil samples were collected by the BRAC contractor prior to excavation resulted in a "nonhazardous" determination for the soil. The BRAC contractor reopened the excavation for confirmatory sampling by digging five 3-foot x 3-foot x 4-foot pits. The confirmatory samples were collected from the pits on December 29, 1995. No benzo(a)pyrene was detected in the confirmatory samples. However, dieldrin was found above its PRG in the backfill material.

Site 29 soil conditions were characterized by metals, PAHs, and the pesticide dieldrin in soil at concentrations exceeding PRGs. IR site data records indicate 422.22 cy of soil were removed at Site 29 on May 1 and 2, 1995. The BRAC contractor collected composite soil samples to determine disposal requirements on May 31, 1995. The analytical data indicated the soil was nonhazardous. Confirmatory samples were collected on May 15, 1995. Confirmation sampling results indicated dieldrin above its leachability PRG at two sample locations. No other contamination above PRGs was detected at Site 29.

Site 34 soil conditions were characterized by metals and PAHs at concentrations exceeding PRGs. Composite soil samples collected by the BRAC contractor on November 9, 1995 were found to be nonhazardous. Contractor records show 1,111.1 cy of material were excavated between December 11 and 14, 1995. The BRAC contractor reopened the excavation for confirmatory sampling on December 28, 1995. The analytical data indicate dieldrin above its leachability PRG in the samples from the excavation. No contamination was detected in the sample from the backfill material.

The BRAC contractor performed several excavations at Site 36, designated 36a through 36e. Site data records for Site 36 excavations were as follows:

Site	Volume of Excavated Material	Date of Excavation	Soil Composite Sample Date
36a	92.59 cy	4-18-95	5-31-95
36b	92.59 cy	4-27-95	5-31-95
36c	92.59 cy	4-28-95	5-31-95
36d	92.59 cy	4-18-95 to 4-19-95	5-31-95
36e	722.22 cy	12-28-95 to 1-2-96	12-19-95

Site	Disposal Date	Confirmatory Sampling Date
36a	7-24-95	5-8-95
36b	7-21-95 and 7-24-95	5-19-95
36c	7-21-95	5-15-95
36d	7-24-95	5-8-95
36e	12-29-95 to 1-2-95	12-29-95

Excavation dimensions for Sites 36a through 36d are not available. Contractor log book notes show the removal at Site 36e to be approximately 150 feet x 25 feet, depth of the excavation is note known. Composite soil sample results for all Site 36 removals were nonhazardous. Confirmation sample results indicate the PRG was exceeded for barium at locations 36a and 36d. Also, benzo(a)anthracene exceeded its PRG at location 36e. No pesticides or volatile organic PRG were exceeded at Site 36.

1.0 INTRODUCTION

1.1 Objectives

Realignment construction at Chevalier Field at Naval Air Station (NAS) Pensacola encompassed four areas identified in the Remedial Investigation (RI) as containing contaminated soil. The Base Realignment and Closure (BRAC) contractor was tasked to perform interim soil removals at these sites during construction of the facilities at Chevalier Field. Accordingly, these soil removals were included with the earthwork portion of the BRAC construction contract. The U.S. Navy performed confirmation sampling at the soil removal sites to verify that removal actions were satisfactorily completed.

By contract specification, the BRAC contractor was to provide the Resident Officer in charge of construction (ROICC) five working days' notice prior to completion of excavations. Upon notification and within 15 days of completion of each excavation, EnSafe/Allen & Hoshall (E/A&H), under its Comprehensive Long-Term Environmental Action Navy (CLEAN) contract with the Southern Division, Naval Facilities Engineering Command, was tasked by the Navy to perform the confirmatory soil sampling. Samples were collected in accordance with Section 4 of the approved Comprehensive Sampling and Analysis Plan for NAS Pensacola to determine if complete removal of the contaminated soil. (E/A&H, *1995).*

1.2 Purpose of Report

This report provides sampling and analysis information for soil removal at Chevalier Field to assist decision-makers in determining whether further action is required for the environmental cleanup and restoration of this area. This report also compiles pertinent and available information concerning soil removal at Sites 9b, 29, 34, and 36 to confirm that removal, transportation, and disposal activities were accomplished in accordance with applicable regulatory requirements.

1.3 Site Description

All site descriptions are excerpted from the Dru.. ***Remedial Investigation Report*** **(E/A&H, May 1995).**

Site 9: This site, which was used for the disposal of trash and refuse between 1917 and the early 1930s, is shown on several old maps as the Navy Yard Dump or the Warrington Village Dump **(NEESA, 1983).** Part of Site 9 was excavated in the late 1960s during trenching for an industrial wastewater treatment plant sewer. Although glass, scrap metal, and debris were unearthed, no unusual odor was reported **(E&E, 1992a).**

Site 29: According to an initial assessment study, workers excavating within the site in 1981 received minor skin burns from contact with a black liquid in the soil. The workers were reportedly burned while repairing a 16-inch water main south of Building 3460. A black liquid was floating on water in a trench that had been excavated to repair the water main. When the water was pumped out, a residue coated the sides of the trench and pipe, and an odor similar to paint remover was noticed by workers. Because the incident occurred at a location approximately 100 feet from the section of the Industrial Wastewater Treatment Plant **(IWTP)** sewer line crossing the site, it was suspected that industrial waste from the line might have leaked into the surrounding soil **(E&E,** 1992b). It was not known what chemical caused the burns **(NEESA, 1983).** During the contaminant source survey, no physical evidence was identified on the concrete apron at Site 29 that suggested repairs were made to the wastewater sewer line. Also, the **NAS** Pensacola Public Works Center (PWC) has no utility maps depicting repairs conducted during this time period. **A** second leak in the wastewater sewer line was repaired in September 1986. This leak was under the grassy portion of the site immediately west of Building 3460, beneath the aboveground steam line system. The leak occurred along a portion of the industrial waste sewer line about 7.2 feet below land surface (bls) and approximately 3 to 4 feet below the top of the saturated zone. Information concerning the amount of leakage was sketchy **(NAS** Pensacola PWC, 1994).

Site 34: In May 1984, a leak in a pipeline at the north end of Building 3557 reportedly resulted in the loss of approximately 45,000 gallons of a solvent detergent used to clean aircraft (G&M, 1986). The solution contained 1.7% chlorinated aromatic hydrocarbon solvent, resulting in a calculated total of 750 gallons of solvent released. Local sediment, soil, and/or groundwater may have been impacted from the solvent detergent release. Constituents may have penetrated beneath the apron via the expansion joints between individual concrete sections. Escaped solvent detergent might have run off via the unpaved drainage swale that leads from the tank farm to the west. This pathway discharges via culverts beneath Industrial Road into the paved drainage ditch west of Chevalier Field (NAS Pensacola Wetland 6). It is presumed that contaminants were carried offsite via this route (E&E, 1992a).

Site 34 includes a small tank farm at the edge of the concrete apron approximately 150 feet north of the building. This tank farm consists of six large and two smaller cylindrical aboveground storage tanks.

The larger tanks have an approximate capacity of 20,000 gallons. The contents of the four larger tanks have been identified as: T-101 (epoxy stripper MIL-R-81924), T-105 (detergent MIL-C-43616), T-106 (Stoddard solvent PD680 - Type 11), and T-107 (unknown).

Site 36: This site includes soil adjacent to and subject to potential releases from the IWTP sewer lines. Most of the facilities discharging to the IWTP sewer did so without any pretreatment or segregation of the wastes (NEESA, 1983). The wastestream consisted of discharges from facilities upstream and included, but was not limited to, paint strippers, heavy metals, pesticides, radioactive wastes, fuels, cyanide wastes, solvents, and waste oil. Site 36 was initially investigated by Ecology and Environment, Inc. (E&E), by drilling along the length of the IWTP sewer line to evaluate current soil and groundwater quality. The study results indicated contamination, requiring additional work to support an assessment of its nature and extent.

2.0 WORK DESCRIPTION

The following material is excerpted from ***Action Memorandum, Chevalier Field Removal Actions,*** dated July 11, 1995. All removal actions were accomplished by the BRAC construction contractor, The George Hyman Construction Company, in accordance with construction contract N62467-94-C-0827, "Site Development." No other alternatives were considered as Hyman Construction, the prime contractor performing the BRAC construction, was onsite and capable of performing the removals. Details of the removals are outlined in construction specification sections 01560 and 02221 of the construction contract. Removal actions were to be conducted in accordance with the referenced specifications and the following approved Hyman Construction plans (maintained at the project office):

- Soil Contaminated with Hazardous Waste Excavation and Disposal Plan, April 11, 1995
- Soil Screening Plan, April 19, 1995
- Storm Water Pollution Prevention Plan, June 11, 1995
- Project Safety, Health and Environmental Manual, May 22, 1995

Prior to initiation of BRAC construction, the Navy conducted a screening investigation of the soil along the IWTP sewer line. Soil exceeding the 1995 Preliminary Remediation Goals (PRGs) was identified as a risk to human health and the environment. The screening concentrations, which were jointly agreed upon by a Tier I Partnering Team consisting of representatives from the U.S. Environmental Protection Agency (USEPA) Region IV, the Florida Department of Environmental Protection (FDEP), the U.S. Navy, and the U.S. Navy's contractor, E/A&H, were derived from USEPA Region III risk-based concentrations for residential soil and FDEP cleanup goals for soil. These risk-based screening concentrations offer some indication of the risk to human health or the environment without conducting a complete risk assessment. The Tier I Team agreed these screening values could be used to expedite soil removals in support of the BRAC construction, with the understanding that additional groundwater remediation may be required later.

2.1 Site 9

This site was divided into two areas for removal, Sites 9a (encompassing the PAH contamination in the west central portion of the site) and 9b (encompassing the PAH contamination in and around boring location 09S06).

Contractor field records state Site 9a was a petroleum site (hydrocarbons). Once excavation began for nearby utilities, it was found this area (reportedly called Spar Pond) was a metals dump. Lead, graphite, mercury, chromium, etc. were identified by the BRAC contractor in this area and, according to the BRAC Contractor, reported to the ROICC and NAS Pensacola Environmental. No notification date was provided by the BRAC contractor. Contractor field records show the volume of contaminated soil at of Site 9a to be 8,518 cubic yards (cy) and that it was not remediated. No confirmatory sampling was performed by the Navy at Site 9a.

Removal actions at Site 9b were dictated by the findings of benzo(a)pyrene above PRGs in surface soil at Phase I boring 09S06. This boring was about 135 feet west of Building 3460, and now lies immediately adjacent to the west side of air conditioning cooling towers installed for the Consolidated Training School. Contractor field records show the removal at Site 9b consisted of an approximate 75 foot x 38 foot x 4 foot (or 422 cy) excavation. IR site data records state the actual excavation was 214.93 cy of soil, excavated from December 11 to 14, 1995. Composite soil samples were collected by Hyman Construction prior to the excavation, on May 31, and November 9, 1995. The composite samples were analyzed by Savannah Laboratories of Mobile, Alabama, and were determined nonhazardous for disposal purposes. Manifests show 277.66 tons of material were transported to and received by Springhill Regional Landfill in Graceville, Florida, as petroleum-contaminated soil. As stated in the construction contract, the BRAC contractor was required to notify ROICC when the excavation would be complete, and was to keep the excavation open for 15 days to allow undisturbed, in-situ soil from the walls of the excavation to be tested. The required notification was not provided to the Navy for Site 9b, so the excavation was backfilled without confixmation

sampling. Because the excavation had been backfilled, it was impossible to sample undisturbed in-situ soil from the original excavation. The BRAC construction contractor was instructed to survey the area to locate the excavation site, and to dig at the edges of the identified areas. E/A&H personnel then visually attempted to identify undisturbed soil, noting striated layers that did not appear homogeneous (as fill material should). This procedure was selected as the best approach to replicate the original intent of the contract. In addition, samples of the backfill were collected as a control, and to ensure clean backfill material had been placed into the excavation. Confirmatory samples were collected at Site 9b on December 29, 1995. The location was identified by Hyman Construction using the survey method described above. Five 3 foot x 3 foot x 4 foot deep pits were excavated, one at the midpoint of each outside wall of the identified site, and one in the center of the site as a clean backfill sample. Samples were analyzed by Ceimic Laboratories of Narragansett, Rhode Island, and the results are discussed in Section 3 of this report.

2.2 Site *29*

Dieldrin findings above PRGs in subsurface soil at Phase I boring 29S01 and in surface soil at Phase I boring 29S13 triggered the removal actions for Site 29. These borings were within approximately 30 feet of each other, near the southwest comer of Building 3460. This location now is under the south wing added to Building 3460 during its renovation for the Consolidated Training School. Per IR site data records, the soil removal at Site 29 consisted of 422.22 cy on May 1 and 2, 1995. Composite soil samples for disposal determination were not collected until May 31, 1995. The composite samples were analyzed by Savannah Laboratories, resulting in a nonhazardous determination. Manifests show 375 cy of soil characterized as petroleum-contaminated soil were transported to Springhill Regional Landfill. However, none of the provided manifests has the destination portion completed to verify receipt by the landfill. In addition, the manifests all show 25 cy as the quantity, and no weight is indicated on the manifests.

Confirmatory samples for Site 29 were collected on May 15, 1995, and analyzed by CompuChem Laboratories, Research Triangle Park, North Carolina. The site was resampled for pesticides only on June 14, 1995, to confirm previous pesticide results. Results of Site 29 samples are discussed in Section 3 of this report.

2.3 Site 34

The removal action at Site 34 consisted of excavation and disposal of soil exceeding the Office of Solid Waste and Emergency Response (OSWER) action level for lead. This area interfered with the expansion of Building 3557 for the BRAC training complex. Contractor field records show the removal at Site 34 consisted of an approximate 150 foot x 50 foot x 4 foot (or 1,100 cy) excavation. IR site data records show 1,111.1 cy of material were excavated from Site 34 between December 11 and 14, 1995. The records indicate the composite soil samples for disposal determination were collected prior to excavation, on November 9, 1995, by Smith Environmental and analyzed by Savannah Laboratories. The samples were determined to be nonhazardous. Transportation manifests show approximately 850 tons of material delivered to and received by Springhill Regional Landfill. One manifest copy was unreadable, and two did not show receipted weights.

Confirmatory sampling for Site 34 was performed on December 28, 1995. Samples were analyzed by Ceimic Laboratories. Confirmation sampling results for Site 34 are discussed in Section 3 of this report.

2.4 Site 36

Site 36 removal actions consisted of five separate removals designated by the BRAC contractor as 36A through 36E.

36A

This area is near Building 627. Planned excavation dimensions were not available. According to the IR data records, 92.59 cy of soil were excavated from this site on April 18, 1995. Composite samples for disposal determination were collected by Riedel Peterson on May 31, 1995, for analysis by Savannah Laboratories. Results of the composite sampling were nonhazardous, and the material was taken to Springhill Regional Landfill. Transportation manifests show 23.5 tons of material transported to and received by the landfill on July 24, 1995. Confirmatory samples for Site 36a were taken on May 8, 1995.

36B

This area is between Building 606 and Building 627. Contractor records indicate excavation of 92.59 cy on April 27, 1995. Composite samples for disposal determination were collected by Riedel Peterson on May 31, 1995, for analysis by Savannah Laboratories. The results indicated the soil was nonhazardous. The excavated material was taken to Springhill Regional Landfill on July 21 and 24, 1995. One hundred cubic yards of material were manifested, but only one manifest indicates the material was weighed and received. Confirmatory samples for Site 36b were taken on May 19, 1995.

36C

This area is at Building 606. Per IR site data records, the site 36C removals consisted of 92.59 cy excavated on April 28, 1995. Composite samples for disposal determination were collected on May 31, 1995, by Riedel Peterson for analysis by Savannah Laboratories. One hundred twenty five cubic yards were manifested. None of the manifests indicated a disposal destination. However, IR site data records indicate the soil was transported to Springhill Regional Landfill on July 21, 1995. Confirmatory samples for Site 36c were taken on May 15, 1995.

36D

This area is also near Building 606. Contractor records show excavation of 92.59 cy of material on April 18, 1995. Composite samples for disposal determination were collected on May 31, 1995 by Riedel Peterson for analysis by Savannah Laboratories. The material was determined to be nonhazardous and was transported to Springhill Regional Landfill. Manifests indicate 99.11 tons of material transported on July 24, 1995, but only one manifest for 48.88 tons is signed to confirm receipt by the landfill. Confirmatory samples for Site 36d were taken on May 8, 1995.

36E

Per contractor records, removal of 722.22 cy began on December 28, 1995 and was completed on January 2, 1996. The records indicate soil composite samples for disposal determination were collected on December 19, 1995 prior to excavation. Samples analyzed by Savannah Laboratories were determined to be nonhazardous. Manifests indicate approximately 940 tons of material were transported to and received by Springhill Regional Landfill. This is an approximate total, as several copies were difficult to read or the quantities were omitted. Confirmatory sampling was performed on Site 36E on December 29, 1995. Samples were analyzed by Ceimic Laboratories.

Confirmatory sampling results for Site 36 removals are provided in Section 3 of this report.

2.5 Sample Identification and Rationale

Table 2-1 details the sample identification number, sample date, analysis, and sampling rationale for each site.

Table 2-1
Sample Identification and Rationale
Pensacola, Chevalier Field Removal Actions

Sample ID Number	Sample Date	Media	Analysis	Sampling Rationale
Site 9B				
09B-S-0001-01	12-29-95	Soil	Full	Confirmation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what appeared to be undisturbed areas. Scoop sample from north wall just above saturated zone at about 3' below land surface (bls).
09B-S-0002-01	12-29-95	Soil	Full	Confirmation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what appeared to be undisturbed areas. Scoop sample from south wall just above saturated zone at about 3' bls.
09B-S-0003-01	12-29-95	Soil	Full	Confirmation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what appeared to be undisturbed areas. Scoop sample from east wall just above saturated zone at about 3' bls.
09B-S-0004-01	12-29-95	Soil	Full	Confirmation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what appeared to be undisturbed areas. Scoop sample from west wall just above saturated zone at about 3' bls.
09B-S-0005-01	12-29-95	Soil	Full	Sample collected from center to represent fill material at about 3' bls.
Site 29				
029-S-OO14-01	05-16-95	Soil	Full	Confirmation sample from south wall of excavation pit just above saturated zone at about 3' bls.

Table 2-1
Sample Identification and Rationale
Pensacola, Chevalier Field Removal Actions

Sample ID Number	Sample Date	Media	Analysis	Sampling Rationale
Site 29 (Continued)				
029-S-0015-01	05-16-95	soil	Full	Confirmation sample from east wall of excavation pit just above saturated zone at about 3' bls.
029-S-0016-01	05-16-95	Soil	Full	Confirmation sample from west wall of excavation pit just above saturated zone at about 3' bls.
029-S-0017-01	05-16-95	Soil	Full	Confirmation sample from north wall of excavation pit just above saturated zone at about 3' bls.
029-S-0014-01R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
029-S-0015-01R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
029-S-0016-01R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
029-S-0017-01R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
Site 34				
034-S-1101-01	12-28-95	Soil	Full	Confinnation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what appeared to be undisturbed area of north wall.
034-S-1201-01	12-28-95	Soil	Full	Confirmation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what appeared to be undisturbed area of south wall.

Table 2-1
Sample Identification and Rationale
Pensacola, Chevalier Field Removal Actions

Sample ID Number	Sample Date	Media	Analysis	Sampling Rationale
Site 34 (Continued)				
034-S-1301-01	12-28-95	Soil	Full	Confirmation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what appeared to be undisturbed area of west wall.
034-S-1401-01	12-28-95	Soil	Full	Confirmation sample. Site had been excavated and backfilled. Contractor surveyed site and dug at edges; E/A&H sampled from what *appeared* to be undisturbed area of east wall.
034-S-1501-01	12-28-95	Soil	Full	Sample collected from center to represent backfill material.
Site 36e				
036-E-0001-01	12-29-95	Soil	Full	Confirmation sample.
036-E-0002-01	12-29-95	Soil	Full	Confirmation sample.
036-E-0003-01	12-29-95	Soil	Full	Confirmation sample.
036-E-0004-01	12-29-95	Soil	Full	Confirmation sample.
Site 36, Area 606 — Designated as Area D by the contractor.				
036-S-606N-04	05-08-95	Soil	Full	Confirmation sample.
036-S-606S-04	05-08-95	Soil	Full	Confirmation sample.
036-S-606E-04	05-08-95	Soil	Full	Confinnation sample.
036-S-606W-04	05-08-95	Soil	Full	Confirmation sample.
Site 36, Area 606 — Designated as *Area* C by the contractor.				
036-S-606N-05	05-15-95	Soil	Full	Confirmation sample.
036-S-606S-05	05-15-95	Soil	Full	Confirmation sample.
036-S-606E-05	05-15-95	Soil	Full	Confirmation sample.
036-S-606W-05	05-15-95	Soil	Full	Confirmation sample.

Table 2-1
Sample Identification and Rationale
Pensacola, Chevalier Field Removal Actions

Sample ID Number	Sample Date	Media	Analysis	Sampling Rationale
Site 36. Area 606 — Designated as Area C by the contractor (Continued).				
036-S-606N-05R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
036-S-606S-05R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
036-S-606E-05R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
036-S-606W-05R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
Site 36, Area 627 — Designated as Area A by the contractor.				
036-S-627N-02	05-08-95	Soil	Full	Confirmation sample composite collected from 0-2' interval.
036-S-627S-03	05-08-95	Soil	Full	Confirmation sample composite collected from 0-3' interval.
036-S-627E-02	05-08-95	Soil	Full	Confirmation sample composite collected from 0-2' interval.
036-S-627W-02	05-08-95	Soil	Full	Confirmation sample composite collected from 0-2' interval.
Site 36, Between Building 606 Building 627 — Designated as Area B by the contractor.				
036-S-627N-03	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Buildings 606 and 627.
036-S-6278-03	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Buildings 606 and 627.
036-S-627E-03	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Buildings 606 and 627.
036-S-627W-03	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Building 606 and 627.

Notes:
VOC = Volatile Organic Compound
Full = Pesticides/PCBs, Inorganics, Semivolatiles, and Volatiles
Pest = Pesticides
IR = Installation Restoration

3.0 ANALYTICAL RESULTS

Analytical data summary tables for Sites 9, 29, 34, and 36 are located in Appendix F.

Data Qualifiers

U — Analyte was not detected. Result is less than the Instrument Detection Limit (IDL).

B — The result is less than the reporting limit but greater than the IDL.

N — Spike sample recovery was not within the method-specified control limits.

* — Lab duplicate was not within the method-specified control limits.

J — Compound was detected below the method reporting limit.

P — PEST/PCB is analyzed using two GC columns. This flag is applied when the difference between the values of the two columns differs by more than 25%.

D — The value was obtained during a secondary dilution.

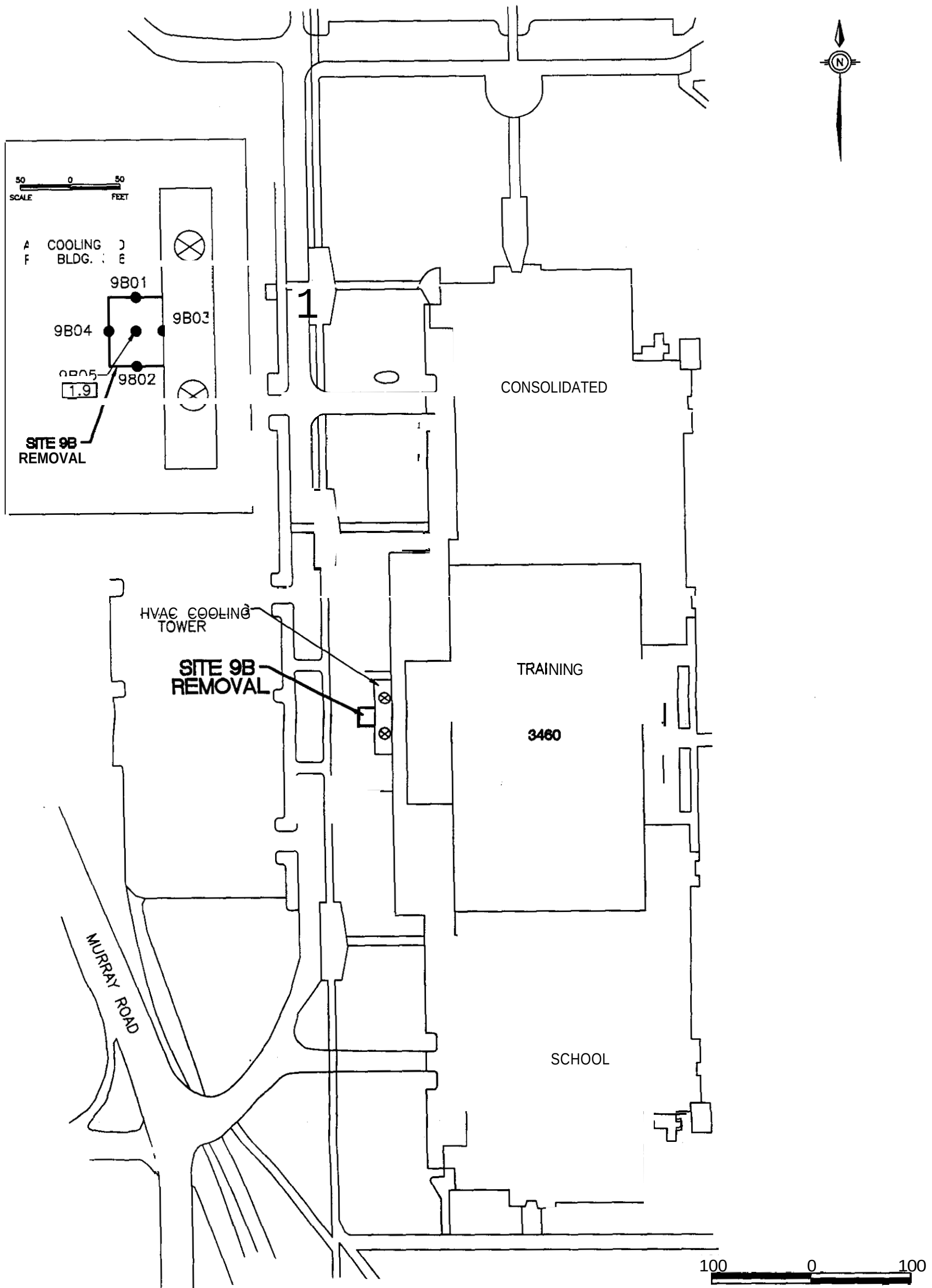
3.1 Site 9

As discussed in Section 2.1, Site 9 was divided into Sites 9a and 9b. Site 9a was not remediated and no verification sampling was performed.

Figure 3-1 provides a site map of Site 9b sample locations and results.

Inorganic Compounds

No inorganic PRGs were exceeded at Site 9b (Table 3-1).



LEGEND

● – CONFIRMATORY SAMPLE LOCATION

9B01 / 1.9 – DIELDRIN (ug/kg)

– AREA OF SOIL REMOVAL (SITE 9B)

LOWEST PRG
DIELDRIN 1 ug/kg

CHEVALIER FIELD
REMOVAL ACTIONS
NAS PENSACOLA

FIGURE 3-1
SITE 9
INTERIM SOIL REMOVAL/CONFIRMATC
SAMPLE RESULTS

DWG DATE: 05/15/96 | DWG NAME 70S9ISRC

Table 3-1
Site 9b, Verification Sampling-Inorganics
Samples Collected on December 29, 1995
(in milligrams per kilogram)

Compound	PRG	Reference Concentration	09B-0-0001-01	09B-0-0002-01	09B-0-0003-01	09B-0-0004-01	09B-0-0005-01
Aluminum	NA	3833.36	2.830	7.180	4,340	4,440	4,480
Arsenic	15	1.56	0.7J	1.6J	0.93	1.1J	0.68J
Barium	32	4.63	10.8	4.6J	2.8J	4.3J	4.5J
Calcium	NA	912.37	2,380J	82.9J	151J	145J	57.8J
Chromium	NA	6.13	4	7.3	4.8	4.8	3.9
Cobalt	NA	1.87	0.19J	0.271	0.28J	0.181	0.42J
Copper	NA	5.74	2.2	2.1	3.6	4.2	1.4
Iron	NA	2745	2,180J	4,930J	2,890J	2,770J	2,510J
Lead	NA	7.32	13.7	2.9	5.7	8.7	1.7
Magnesium	NA	133.33	44J	55.21	43.43	61.91	76J
Manganese	NA	21.36	43.9J	11.8J	20.9J	47J	35.21
Nickel	21	6.38	0.81J	1.4J	1.1J	1J	1.4J
Potassium	N	460.67	22.21	31.8J	34J	30.31	41.1J
Sodium	NA	107.85	9.1U	3.5U	6.9U	6.1U	4.8U
Vanadium	NA	5.83	5.6J	13.7J	6.9J	7.5J	6J
zinc	42000	16.87	3.9	2.3	5.4	6.5	2.6

Pesticides

Confirmation testing of pesticides at Site 9b identified dieldrin above its current leachability PRG of 1.0 microgram per kilogram (μg/kg) at location 9B05. No other pesticides above PRGs were identified (Table 3-2).

Volatile Organic Compounds

No VOC PRGs were exceeded at Site 9b (Table 3-3).

Semivolatile Organic Compounds

2-Methylnaphthalene was the only SVOC detected. It was detected in sample 09B-0-0001-01 at a concentration of 19J. There is no established PRG for 2-methylnaphthalene.

3.2 Site 29

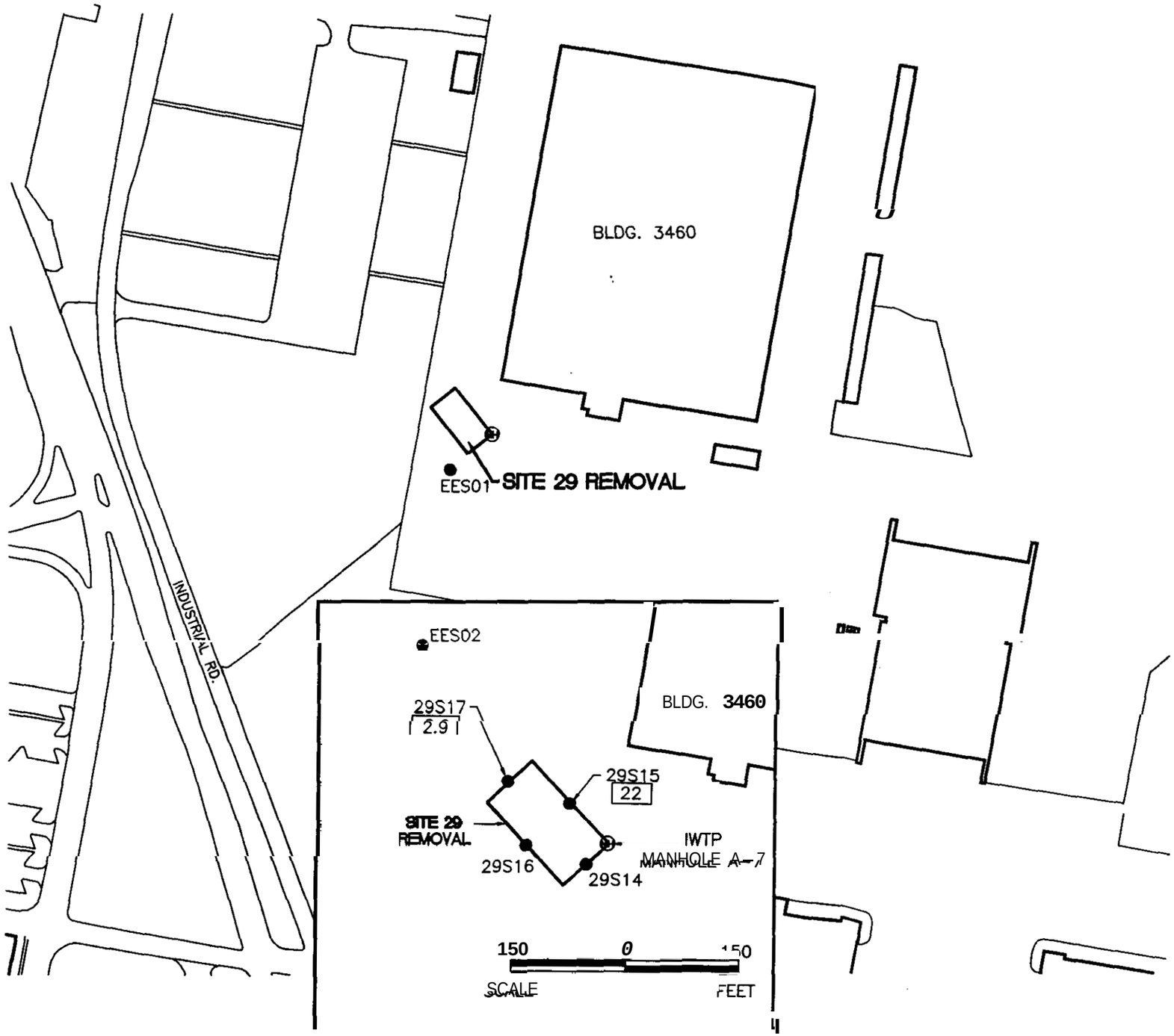
Figure 3-2 provides a site map of Site 29 sample locations and results.

Pesticides

Table 3-4 summarizes results of pesticide samples collected on May 16, 1995. PRGs were exceeded for dieldrin at locations 29S14 and 29S15 during this sampling event. Due to these elevated concentrations of dieldrin, the site was resampled for pesticides only on June 14, 1995. This second round of pesticide-only confirmation sampling indicated dieldrin concentrations above PRGs at locations 29S15 and 29S17, as shown in Table 3-5.

Inorganic Compounds

No PRGs for inorganic compounds were exceeded at Site 29 during confirmation sampling. Results of inorganic sampling are shown in Table 3-6.



LEGEND

SITE 29 – AREA OF SOIL REMOVAL

● – CONFIRMATORY SAMPLE LOCATION

⊕ – MANHOLE

29S15 / 22 DIELDRIN (ug/kg)

LOWEST PRG
DIELDRIN 1 ug/kg

150 0 150
SCALE FEET

CHEVALIER FIELD
REMOVAL ACTIONS
NAS PENSACOLA

FIGURE 3-2
SITE 29
INTERIM SOIL REMOVAL/CONFIRMATORY
SAMPLE RESULTS

DWG DATE:05/15/96 DWG NAME:70S29ISR

Table 3-2
Site 9b, Verification Sampling-Pesticides
Samples **Collected on December** 29, 1995
(in µg/kg)

Compound	PRG	09B-0-0001-01	09B-0-0002-01	**09B-0-0003-01**	09B-0-0004-01	09B-0-0005-01
alpha-BHC	0.4	0.087U	0.088U	0.087U	**0.12**	0.09U
Heptachlor epoxide	30	0.087U	0.088U	0.087U	0.2U	0.09U
Endosulfan I	3,000	0.31J	0.18U	0.31J	0.24J	0.09U
Dieldrin	1	0.2U	0.18U	0.2U	0.3U	1.9
4,4'-DDE	500	0.18U	0.18U	0.18U	0.18U	**3.1**
Endrin	400	0.18U	0.18U	0.18U	**0.18U**	0.3U
4,4'-DDD	70	0.65	**0.64**	**0.58**	**0.51**	29
4,4'-DDT	1,000	0.31	0.29	0.4	0.61	**10**
Methoxychlor	62,000	0.87U	0.88U	0.87U	0.87U	2.4
Endrin ketone	400	0.18U	0.18U	0.18U	0.18U	0.6
alpha-Chlordane	2,000	0.087U	0.088U	0.087U	0.087U	1.1J
gamma-Chlordane	2,000	0.087U	0.088U	0.087U	0.087U	1.1J
Aroclor 1254		1J	2.7J	2.2J	1.9J	3.6U

Table 3-3
Site 9b, Verification Sampling-Volatile Organics
Samples **Collected on December** 29,1995
(in µg/kg)

Compound	PRG	09B-0-0001-01	09B-0-0002-01	**09B-0-0003-01**	09B-0-0004-01	09B-0-0005-01
Bromomethane	NA	11UJ	11UJ	11UJ	**11UJ**	**12J**
Methylene chloride	10	11UJ	11UJ	11UJ	11UJ	11UJ
2-Hexanone	NA	11U	**11U**	**11U**	**11U**	**3J**

Tabk 3-4
Site 29, **Verification Sampling-Pesticides**
Samples collected **on May 16, 1995**
(in µg/kg)

Compound	PRG	029-S-0014-01	029-S-0015-01	029-S-0016-01	029-S-0017-01
alpha-BHC	**40**	1.9UJ	1.9UJ	1.9UJ	1.9UJ
Aldrin	**5**	0.12UJ	0.094J	1.9UJ	1.9UJ
Dieldrin	**1**	45J	10J	3.7UJ	0.611
4,4'-DDE	**500**	1.3J	0.1J	3.7UJ	***0.081***
Endrin	**400**	3.6UJ	0.15J	3.7UJ	3.7UJ
Endosulfan sulfate	**3,000**	0.561	3.7UJ	3.7UJ	3.7UJ
4,4'-DDT	**1,000**	2.6J	3.7UJ	3.7UJ	1.2J
Methoxychlor	**62,000**	19UJ	0.69J	19UJ	19UJ
Endrin ketone	**400**	0.47J	3.7UJ	3.7UJ	0.14J
Endrin aldehyde	**400**	0.161	3.7UJ	3.7UJ	3.7UJ
alpha-Chlordane	**2,000**	1.9UJ	1.9UJ	1.9UJ	1.9UJ
gamma-Chlordane	**2.000**	0.0611	1.9UJ	1.9UJ	1.9UJ

Table 3-5
Site 29, **Verification Sampling-Pesticides**
Samples collected **on June** 14,1995
(in µg/kg)

Compound	PRG	**029-S-0014-01R**	**029-S-0015-01R**	029-S-0016-01R	**029-S-0017-01R**
delta-BHC	**NA**	**0.16J**	1.8U	1.8U	1.8U
Dieldrin	1	0.59J	22	0.33J	2.9J
4,4'-DDE	500	3.4U	1.1J	3.6U	3.5U
4,4'-DDT	**1,000**	0.191	1.4J	3.6U	3.5U

Tabk 3-6
Site 29, Verification Sampling-Inorganics
Samples collected on May 16, 1995
(in milligrams per kilogram)

Compound	PRG	Reference Concentration	029-S-0014-01	029-S-0015-01	029-S-0016-01	0294-001741
Aluminum	NA	3,833.36	5,610J	1,280J	8,960J	7,470J
Arsenic	15	1.56	0.7U	0.72U	1.2J	1.5J
Barium	32	4.63	10.7J	2.9J	10.3J	13.9J
Calcium	NA	912.37	391J	202J	404J	361J
Chromium	NA	6.13	4.6	1.6J	6.8	6
Cobalt	NA	1.87	0.81J	0.21J	1.6J	0.99J
Copper	NA	5.74	4.5J	2.8J	5.1J	5.4J
Iron	NA	2,745	2,850J	1,050J	5,8803	4,070J
Lead	NA	7.32	7.9J	8.4J	7.2J	9.4J
Magnesium	NA	133.33	72J	18.1U	60.9U	87.7J
Manganese	NA	21.36	203	50.1	337	321
Nickel	21	6.38	1.3U	0.31U	1.5U	1.6J
Potassium	NA	460.67	108J	66.8J	99J	118J
Sodium	NA	107.85	114J	139J	145J	86.7J
Vanadium	NA	5.83	8J	2.7J	12.3	10.5J
Zinc	42,000	16.87	8.4	5.9	8.5	9

Semivolatile Organic Compounds

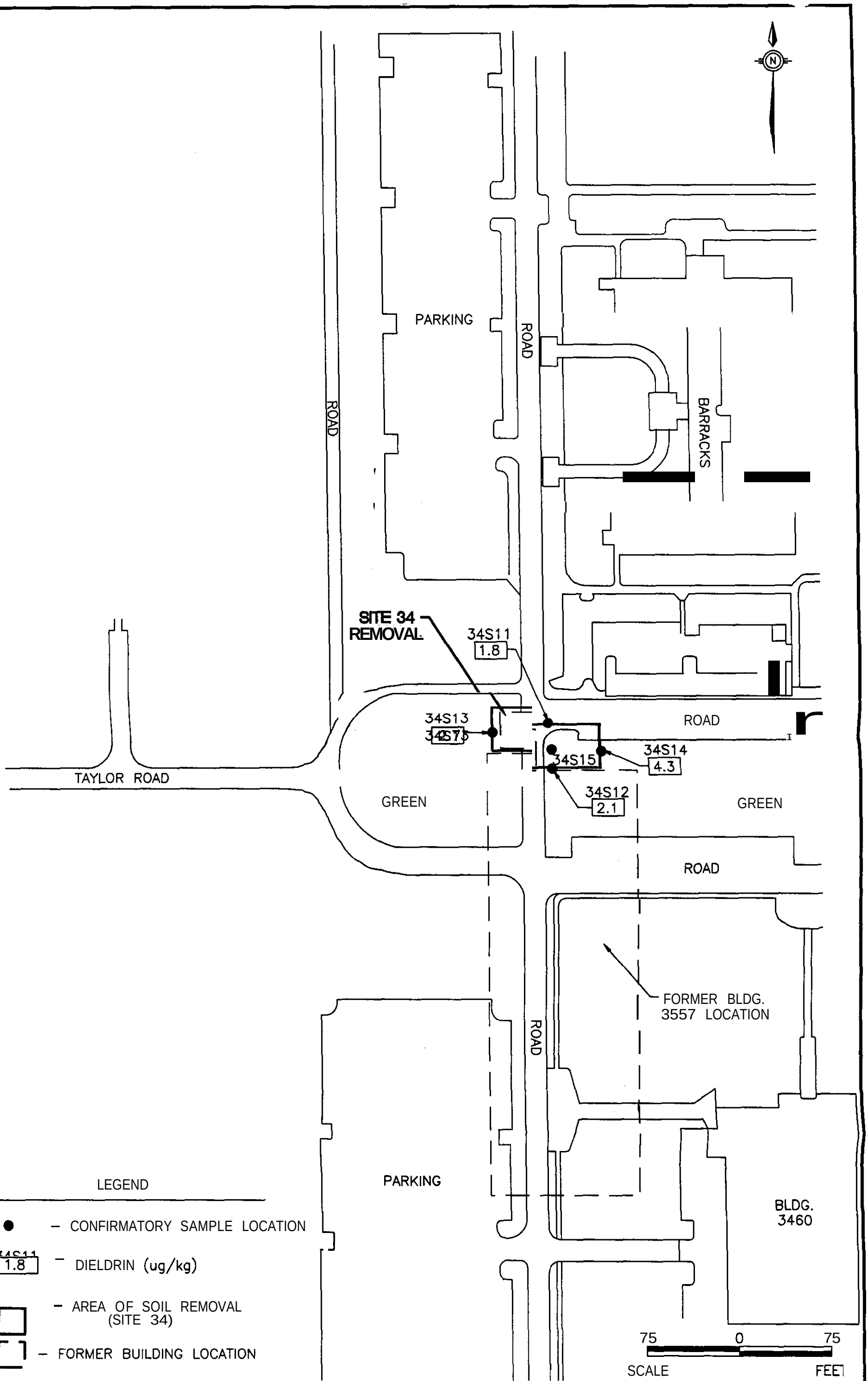
No SVOCs were detected in Site 29 soil samples.

Volatile Organic Compounds

No VOCs were detected in Site 29 soil samples.

3.3 Site 34

Figure 3-3 provides a Site map of site 34 sample locations and results.


N
PARKING
ROAD
ROAD
BARRACKS
SITE 34
REMOVAL
34S11
1.8
34S13
34S15
34S14
4.3
34S12
2.1
ROAD
TAYLOR ROAD
GREEN
GREEN
ROAD
FORMER BLDG.
3557 LOCATION
ROAD
PARKING
BLDG.
3460
75
0
75
SCALE
FEET
LEGEND
– CONFIRMATORY SAMPLE LOCATION
1.8 – DIELDRIN (ug/kg)
– AREA OF SOIL REMOVAL (SITE 34)
– FORMER BUILDING LOCATION
LOWEST PRG
DIELDRIN 1 ug/kg
CHEVALIER FIELD
REMOVAL ACTIONS
NAS PENSACOLA
FIGURE 3-3
SITE 34
INTERIM SOIL REMOVAL/CONFIRMATORY
SAMPLE RESULTS
DWG DATE: 05/15/96
DWG NAME: 70S34ISR

Inorganics

No PRGs for inorganic compounds were exceeded at Site 34 during confirmation sampling. Results of inorganic sampling are shown in Table 3-7.

Pesticides

Confirmation testing of pesticides at Site 34 identified dieldrin above the current leachability PRG of 1.0 µg/kg at locations 34S11, 34S12, 34S13, and 34814. No other pesticides above PRGs were identified (Table 3-8).

Volatile Organic Compounds

No VOCs were detected in Site 34 soil samples.

Table 3-7
Site 34, Verification Sampling-Inorganics
Samples collected on December 28, 1995
(in milligrams per kilogram)

Compound	PRG	Reference Concentration	034-S-1101-01	034-S1201-01	034-S-1201-01RE	034-S-1301-01	034-S1401-01	034-S1501-01
Aluminum	NA	3,833,.36	1,540	1,600	2.108	1.700	1,290	2,950
Arsenic	15	1.56	0.36J	0.23J	0.47J	0.49J	0.36J	0.73J
Barium	32	4.63	9.1J	I.9J	2.4J	1.6J	1.91	4J
Calcium	NA	912.37	311J	548J	942J	453J	336J	1,780J
Chromium	NA	6.13	2.1	3.2	4	2.4	4.3	3.2
Cobalt	NA	1.87	0.16U	0.16U	0.26J	0.18J	0.25J	0.3J
Copper	NA	5.74	0.68J	0.64J	0.93J	0.873	1.1J	1.21
Iron	NA	2.745	1,120J	902J	1,492J	1,330J	1,030J	1,500J
Lead	NA	7.32	1.2	1.9	2.5	1.4	3.1	2.6
Magnesium	NA	133.33	34.3J	40.9J	51.61	28.8J	30.8J	106J
Manganese	NA	21.36	57.9J	13.61	26.33	8.9J	14.6J	28.6J
Nickel	21	6.38	0.63U	0.63U	0.78J	0.84J	0.851	1.21
Potassium	NA	460.67	19.4J	22.3J	22.8	21.9J	17.2J	68.5J
Sodium	NA	107.85	4.4U	11U	14.6U	10.6U	16.2U	21.9U
Thallium	0.4	0.82	0.23U	0.16U	0.16U	0.16U	0.17U	0.16U
Vanadium	NA	5.83	2.6J	2.5J	3.9J	3.3J	2.4J	4.3J
Zinc	42,000	16.87	2.1	2.2	2.5	21	4	4

Table 3-8
Site 34, Verification Sampling-Pesticides
Samples collected on December 28, 1995
(in µg/kg)

Compound	PRG	034-S-1101-01	034-S1201-01	034-S-1201-01DL	034-S1301-01	034-S-1301-01DL	O34-S-1401-01	034-S-1501-01
Heptachlor	60	0.088U	24	28DJ	6.3	7.6D	0.43U	0.29J
Heptachlor epoxide	30	0.088U	12	13DJ	6	6.1D	0.43U	0.33J
Dieldrin	1	1.8	1.7	2.1DJ	2.4	2.7D	4.3	0.84J
4,4'-DDE	500	0.4	0.88U	8.8U	0.17U	I.7U	0.88U	0.17U
4,4'-DDD	700	2.4	2	2.2JJD	2	2.1D	1.3	0.17U
4,4'-DDT	1000	0.89	0.88U	8.8U	0.84	0.94DJ	0.6J	0.82
Methoxychlor	62000	0.36J	4.3U	43u	0.85U	8.5U	4.3U	0.84U
alpha-Chlordane	2,000	0.2U	2.3	2.5JD	I.9J	2DJ	0.39J	0.2U
gamma-Chlordane	2,000	0.18	30	33DJ	16	23D	4.8	0.74
Aroclor 1254	NA	2.4J	17U	170U	3.4U	34U	17U	7u
Endrin ketone	2,300	0.18U	0.88U	8.8U	0.17U	1.7U	0.88U	0.341
Endosulfan II	3,000	0.18U	0.88U	8.8U	0.17U	I.7U	0.88U	0.48
Aldrin	5	0.088U	0.43U	4.3U	0.085U	0.85U	0.43U	0.52J

Semivolatile Organic Compounds

Sample 1501 contained 175 µg/kg of butylbenzylphthalate, 18J µg/kg of di-n-butylphthalate, 21J µg/kg of fluoranthene, and 26J µg/kg of pyrene. None of the these SVOC concentrations were above PRGs.

3.4 Site 36

Figure 3-4 depicts removal locations at Site 36, as well as sample results which exceeded current PRGs.

3.4.1 36E

Inorganics

No PRGs for inorganic compounds were exceeded at Site 36E during confirmation sampling. Results of inorganic sampling are shown in Table 3-9.

Pesticides

Confirmation testing of pesticides at Site 36E identified no pesticide concentrations above the current PRGs (Table 3-10).

Volatile Organic Compounds

Confirmation testing of volatile organics at Site 36E revealed no volatile organic concentrations above PRGs.

Semivolatile Organic Compounds

Benzo(a)anthracene in sample 036-E-0003-01 was detected at a concentration of 790 µg/kg, which is above the PRG of 700 µg/kg. No other SVOCs were detected in concentrations above PRGs (Table 3-11).

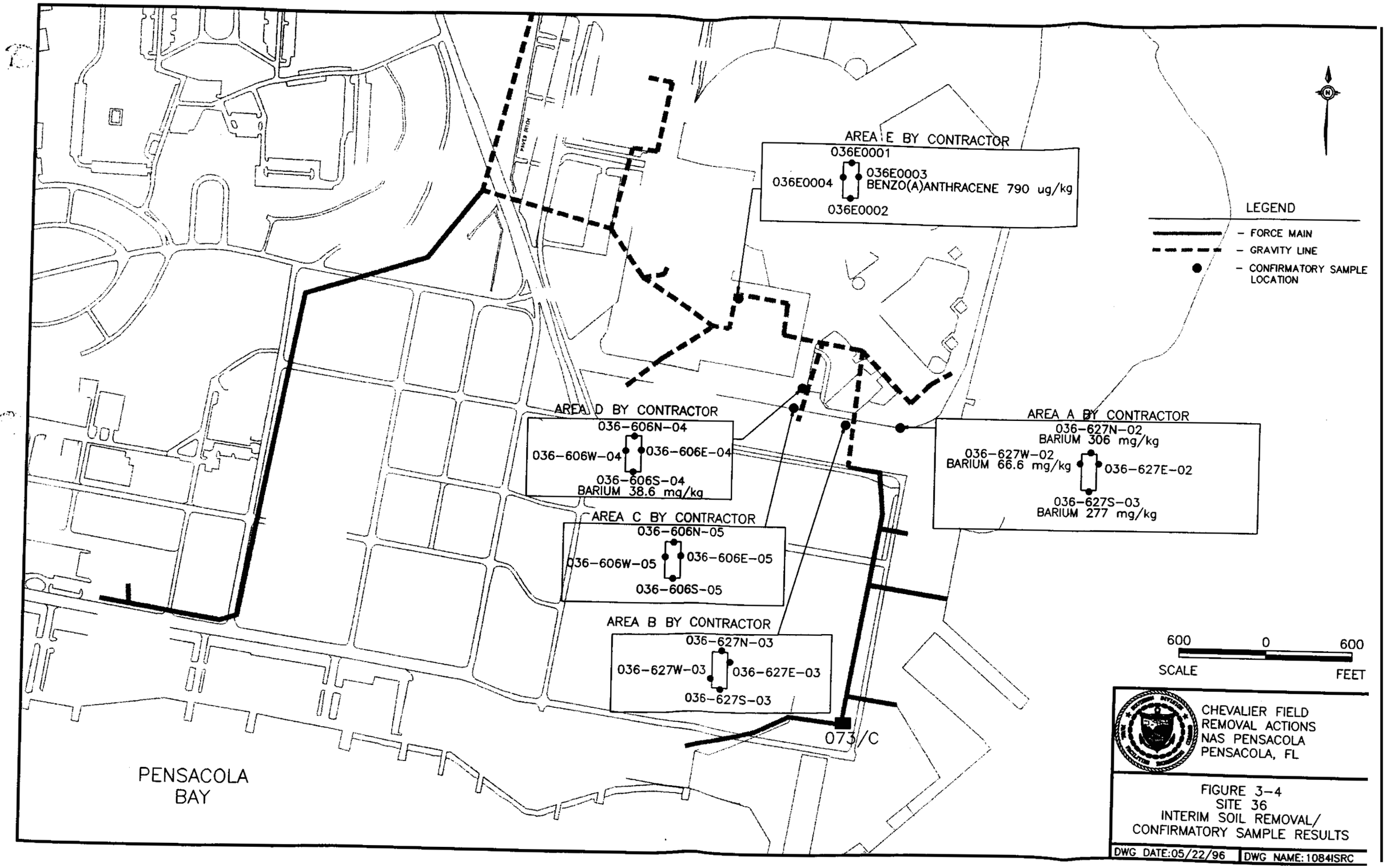

AREA E BY CONTRACTOR
036E0001
036E0004
036E0003
BENZO(A)ANTHRACENE 790 ug/kg
036E0002
LEGEND
– FORCE MAIN
– GRAVITY LINE
– CONFIRMATORY SAMPLE LOCATION
AREA D BY CONTRACTOR
036-606N-04
036-606W-04
036-606E-04
036-606S-04
BARIUM 38.6 mg/kg
AREA A BY CONTRACTOR
036-627N-02
BARIUM 306 mg/kg
036-627W-02
BARIUM 66.6 mg/kg
036-627E-02
036-627S-03
BARIUM 277 mg/kg
AREA C BY CONTRACTOR
036-606N-05
036-606W-05
036-606E-05
036-606S-05
AREA B BY CONTRACTOR
036-627N-03
036-627W-03
036-627E-03
036-627S-03
073/C
PENSACOLA BAY
600 0 600
SCALE FEET
CHEVALIER FIELD
REMOVAL ACTIONS
NAS PENSACOLA
PENSACOLA, FL
FIGURE 3-4
SITE 36
INTERIM SOIL REMOVAL/
CONFIRMATORY SAMPLE RESULTS
DWG DATE:05/22/96
DWG NAME: 1084ISRC

Table 3-9
Site 36E, Verification Sampling-Inorganics
Samples collected on December 29,1995
(in milligrams per kilogram)

Compound	PRG	Reference Concentration	036-E-0001-01	036-E-0002-01	036-E-0003-01	036-E-0004-01
Aluminum	NA	3,833.36	64.4	2,140	3,320	2,480
Arsenic	15	1.56	0.1UJ	**0.36J**	0.59J	***0.521***
Barium	32	4.63	0.49J	3J	3.1J	2.5J
Calcium	NA	912.37	**66J**	995J	8,660J	253J
Chromium	NA	613	0.41U	2.6	2.7	**2**
Cobalt	NA	1.87	0.16U	0.25J	0.19J	0.24J
Copper	NA	5.74	0.21U	2.6	2.5	1.5
Iron	NA	2.745	66.5J	1050J	1,620J	1,240J
Lead	NA	7-32	1.2	27.1	26.4	15.5
Magnesium	NA	133.33	8J	30.21	89.4J	25.7J
Manganese	NA	21.36	4.4J	39.4J	221	22.1J
Nickel	21	6.38	0.62U	0.87J	0.89J	1.3J
Potassium	NA	460.67	5UJ	9.8J	**15.81**	15.3J
Sodium	NA	107.85	2.4U	13U	67.3J	5.8U
Vanadium	NA	5.83	***0.21***	3.1J	4.5J	3.4J
Zinc	42,000	16.87	2.4	7.8	8.8	4.2

Table 3-10
Site **36E, Verification Sampling-Pesticides**
Samples collected on December 29, 1995
(in µg/kg)

Compound	PRG	036-E-0001-01	036-EO00241	036-E-0002-01DL	**036-E-0003-01**	036-E-0004-01
Heptachlor	60	0.099U	0.54J	0.68JD	0.087U	0.1U
Heptachlor epoxide	**30**	0.099U	2.9J	2.9DJ	0.27J	0.1U
Endosulfan I	**3,000**	0.39J	0.086U	0.86U	0.087U	0.1U
Endosulfan II	3,000	0.2U	0.18U	1.8U	0.18U	0.22
4,4'-DDD	700	***0.69***	1.2J	1.4DJ	0.18U	0.2U
4,4'-DDT	**1,000**	0.27	0.71J	0.74JD	0.23J	0.2U

Table 3-10
Site 36E, Verification Sampling-Pesticides
Samples collected on December 29, 1995
(in µg/kg)

Compound	PRG	036-Eo00141	036-E-0002-01	036-E-0002-01DL	036-E-0003-01	036-E-0004-01
Endrin ketone	400	0.2U	0.16J	1.%U	0.18U	0.2U
alpha-Chlordane	2,000	0.099U	1J	0.86U	0.087U	0.1U
gamma-Chlordane	2,000	0.099U	6.93	7.5DJ	0.1U	0.1U
Aroclor 1254	NA	3.9U	3.4U	34u	12	4u

Table 3-11
Site 36E, Verification Sampling-Semivolatiles
Samples collected on December 29, 1995
(in µg/kg)

Compound	PRG	036-E-0001-01	036-Eo00241	036-E-0003-01	036-E-0004-01
2-Methylnaphthalene	500	39u	34U	64	40U
Acenaphthene	200,000	19U	17U	140	19U
Acenaphthylene	200,000	39u	34U	25J	40U
Anthracene	4,300,000	39u	34u	250	40U
Benzo(a)anthracene	700	39u	42	790	261
Benzo(a)pyrene	4,000	39u	44	590	361
Benzo(b)fluoranthene	4,000	39u	43J	680J	33J
Benzo(g,h,i)perylene	1,400,000	39u	29J	310	21J
Benzo(k)fluoranthene	4,000	39u	37J	530J	40U
BEHP	11,000	410U	930	3400U	400U
Butylbenzylphthalate	68,000	390u	340U	1100	400U
Carbazole	500	390U	340U	300J	400U
Chrysene	1,000	39u	24J	640	28J
Di-n-butylphthalate	120,000	390U	340U	19J	400U
Dibenz(a,h)anthracene	11,000	39u	34u	51	40U
Dibenzofuran	120,000	390u	340u	140J	400U
Fluoranthew	980,000	39u	70	1800	63
Fluorene	160,000	19U	17U	140	19U

Table 3-11
Site 36E, Verification Sampling-Semivolatiles
Samples collected on December 29, 1995
(in µg/kg)

Compound	PRG	036-E-0001-01	036-E-0002-01	036-E-0003-01	036-E-0004-01
Indeno(1,2,3-cd)pyrene	35,000	39u	26J	320	21J
Naphthalene	30,000	39u	34U	140	40U
Phenanthrene	1,400,000	39u	34U	1500	30J
Pvrene	1.400.000	39u	68	1200	42

3.4.2 Site 36, Area 606

Area 606 consists of two excavated areas which were designated as Area C and Area D by the BRAC contractor. As described in Section 2.4, Area C is at Building 606 and Area D is near Building 606. Figure 3-4 provides locations of these areas.

Inorganics

The current PRG for barium (32 mg/kg) was exceeded at sample 036-S-606s-04. No other PRGs were exceeded for metals at Area 606. Results of inorganic sampling are shown in Table 3-12.

Pesticides

Confirmation testing of pesticides at Area 606 identified no pesticide concentrations above the current PRGs. Results of pesticide sampling are shown in Table 3-13.

Table 3-14 lists results of a second round of confirmatory sampling for pesticides only at the area designated as Area C by the contractor. These samples were collected due to the concentrations resulting from May 8 and May 15, 1995, sampling. This round of sampling was conducted on June 14, 1995, and did not exceed PRGs for any pesticide.

Table 3-12
Area 606, Verification Sampling-Inorganics
Samples collected on May 8, 1995
(in milligrams per kilogram)

Compound	PRG	Reference Concentration	036-S-606N-04	036-S-606S-04	036-S-606E-04	036-S-606W-04	036-S-606N-05	036-S-606S-05	036-S-606E-05	036-S-606W-05
Aluminum	NA	3,833.36	561J	424J	252J	66.9U	293J	1040J	1190J	2850J
Arsenic	15	1.56	1.9J	0.7U	0.69U	0.77U	**0.68U**	0.68U	0.67U	0.681
Barium	32	4.63	4.8J	38.61	7.4J	1.4J	2.61	4.9J	3.5J	3.7J
Cadmium	6	I	0.19J	0.07U	0.06U	0.61J	**0.06U**	0.06U	**0.06U**	0.06U
Calcium	NA	912.37	249J	391J	173J	84.5J	184J	207J	174J	469J
Chromium	NA	6.13	2.5	1.5J	1J	0.5J	1.5J	1.5J	1.3J	2.5
Cobalt	NA	**1.87**	0.13U	**0.15J**	0.13U	0.14U	0.13U	0.181	0.13J	**0.181**
Copper	NA	5.74	8	8.5	3.61	5210	6.2	3.7J	7.7	3.3J
Iron	NA	2.745	6451	885J	**568J**	279J	**443J**	**946**	958	1720J
Lead	NA	7.32	87.2J	170J	66.31	46.7J	42.61	28.81	22.8	17.1J
Magnesium	NA	133.33	21.80	29.20	11U	12.9U	14.6U	95.61	**36.7J**	66.61
Manganese	NA	21.36	16	23.2	7.4	6.9	7.8	10	7	15.7
Mercury	3	0.1	0.18	0.14	0.12	0.48	0.11U	0.11U	0.27	0.1U
Potassium	NA	460.67	19.1J	22.2J	14.2J	9.1J	18.2J	35J	24.8J	31.2J
Silver	NA	**2.07**	0.11UJ	0.11UJ	0.11UJ	**1.6J**	0.11UJ	0.11UJ	**0.1UJ**	0.1UJ
Sodium	NA	107.85	134J	161J	123J	1581	101J	117J	102J	93.93
Vanadium	NA	5.83	**1.2J**	0.89J	0.65J	0.22J	0.69J	2.1J	2.1J	4.41
Zinc	42,000	16.87	**44.8**	79.6	28.6	274	9.7	15	14.6	13.8

Table 3-13
Area 606, Verification Sampling-Pesticides
Samples collected on May 8 and May 15, 1995
(in µg/kg)

Compound	PRG	036-S-606N-04	036-S-606S-04	036-S-606E-04	036-S-606W-04	036-S-606N-05	036-S-606S-05	036-S-606E-05	036-S-606W-05
alpha-BHC	0.4	1.9UJ	1.9U	2 u	Zl	1.8UJ	1.8UJ	1.8UJ	1.8UJ
Heptachlor	60	1.9UJ	I.9u	2 u	2 u	I.8UJ	0.087J	0.12J	0.11J
Aldrin	5	1.9UJ	0.12J	0.096J	0.23J	0.0471	1.8UJ	1.8UJ	1.8UJ
Endosulfan I	3,000	I.9UJ	I.9U	Zl	2 u	I.8UJ	1.8UJ	I.8UJ	0.092J
4,4'-DDE	500	3.7UJ	3.6U	3.9U	4 u	0.096J	3.5UJ	0.121	3.5UJ
Endrin	400	3.7UJ	3.6U	3.9U	4 u	3.5UJ	3.5UJ	3.4UJ	3.5UJ
Endosulfan II	3,000	3.7UJ	3.6U	3.9U	4 u	0.11J	3.5UJ	3.4UJ	3.5UJ
Endosulfan sulfate	3,000	3.7UJ	3.6U	3.9U	4 u	3.5UJ	3.5UJ	3.4UJ	3.5UJ
4,4'-DDT	1,000	3.7UJ	3.6U	3.9U	4U	3.5UJ	3.5UJ	3.4UJ	0.33J
Methoxychlor	62,000	19UJ	19U	3.9U	20u	18UJ	18UJ	18UJ	4.3J
Endrin ketone	400	3.7UJ	3.6U	3.9U	4 u	3.5UJ	3.5UJ	3.4UJ	0.41J
Endrin aldehyde	400	3.7UJ	3.6U	3.9U	4 u	3.5UJ	0.211	3.4UJ	3.5UJ
alpha-Chlordane	2,000	1.9UJ	1.9U	2U	2U	1.8UJ	I.8UJ	1.8UJ	I.8UJ

Table 3-14
Area 606, Verification Sampling-Pesticides
Samples collected on June 14, 1995
(in µg/kg)

Compound	PRG	036-S-606N-05R	036-S-606S-05R	036-S-606E-05R	036-S-606W-05R
delta-BHC	NA	0.31J	1.7U	0.17J	0.46J
gamma-BHC (lindane)	6	1.7U	1.7U	1.7U	1.7U
Heptachlor epoxide	30	1.7U	1.7U	0.12J	0.24J
4,4'-DDD	700	3.3U	3.3U	3.3U	0.181
Endrin	400	3.3U	3.3U	0.64J	1J
Endosulfan II	3,000	3.3U	3.3U	0.26J	0.24J
4,4'-DDT	1,000	0.17J	3.3U	0.221	3.3U
Methoxychlor	62,000	17u	17U	0.97J	1.2J

Semivolatile Organic Compounds

No samples at Area 606 were above the current PRGs for semivolatiles. (Table 3-15).

Volatile Organic Compounds

No PRGS were exceeded for VOCs at Area 606.

3.4.3 Site 36, Area 627

Inorganics

The current PRG for barium was exceeded at sample locations 036-S-627N-02, 036-S-627S-03, and 036-S-627W-02. No other inorganics exceeded PRGs at Area 627 (Table 3-16).

Table 3-15
Area 606, Verification Sampling-Semivolatiles
Samples collected on May 8, 1995
(in µg/kg)

Compound	PRG	036-S-606N-04	036-S-606S-04	036-S-606E-04	036-S-606W-04	036-S-606N-05	036-S-606S-05	036-S-606E-05	036-S-606W-05
Phenanthrene	1,400,000	370U	360U	42J	400U	350U	350U	340U	43J
Di-n-butylphthalate	120,000	370U	360u	52J	400U	72J	96J	84J	68J
Fluoranthene	980,000	34f	360u	621	410	350U	52J	340U	580
Pyrene	NA	56J	360u	50J	600	350U	55J	340u	500
Butylbenzylphthalate	68,000	46J	360u	390u	400U	350U	3mu	340U	350U
Benzo(a)anthracene	700	370U	360u	390u	360J	350U	56J	45J	580
Chrysene	1,000	370U	360U	390U	410	350U	61J	40J	470
BEHP	11,000	30J	2oJ	390U	15J	350U	350U	340U	350U
Benzo(b)fluoranthene	4,000	370U	42J	390u	660	350U	130J	340U	1300
Benzo(k)fluoranthene	4,000	370U	44J	390U	680	350U	100J	340u	1000
Benzo(a)pyrene	4,000	370U	3600	390U	340J	350U	350U	340U	570
Indeno(1,2,3-cd)pyrene	35,000	370U	360u	390U	240J	350UJ	350UJ	340UJ	300J
Dibenz(a,h)anthracene	11,000	370UJ	360U	390UJ	74J	350UJ	350UJ	340UJ	150J
Benzo(g,h,i)perylene	1,400,000	370UJ	360U	390UJ	270J	350UJ	350UJ	340UJ	340J

Table 3-16
Area 627, Verification Sampling-Inorganics
Samples collected on May 8, 1995
(in milligrams per kilogram)

Compound	PRG	Reference Concentration	036-S-627N-02	036-S-627S-03	036-S-627E-02	036-S-627W-02
Aluminum	NA	3,833.36	408J	1,460J	155J	367J
Antimony	NA	9.49	0.42UJ	23.3	0.41UJ	0.41UJ
Arsenic	15	1.56	0.7U	4.9	0.7U	0.7U
Barium	32	4.63	306	277	12.3J	66.6
Cadmium	6	1	0.07U	0.83J	0.07U	0.34J
Calcium	NA	912.37	1,370	1320	389J	525J
Chromium	NA	6.13	2.4	5.8	0.47J	7.4
Cobalt	NA	1.87	0.42J	0.48J	0.13U	0.13U
Copper	NA	5.74	16	11.7	3.7J	26.8
Iron	NA	2.745	4,530J	12.2001	194J	495J
Lead	NA	7.32	300J	1,960J	42.41	231J
Magnesium	NA	133.33	126J	115J	68.1J	50.6J
Manganese	NA	21.36	44.5	42	6.9	6.4
Mercury	3	0.1	0.24	0.12U	0.11U	0.2
Nickel	21	6.38	0.31U	0.32U	3.8J	0.3U
Potassium	NA	460.67	31.5J	54.5J	50.9J	26.5J
Silver	NA	2.07	0.11UJ	0.12UJ	0.11UJ	0.11UJ
Sodium	NA	107.85	183J	182J	138J	160J
Vanadium	NA	5.83	1.2J	4.61	0.281	1.1J
Zinc	42,000	16.87	245	247	29.9	46.4

Pesticides

Confirmation testing of pesticides at Area 627 identified no pesticide concentrations above the current PRGs. Results of pesticide sampling are shown in Table 3-17.

Semivolatiles

No PRGs were exceeded for SVOCs at Area 627, Table 3-18 summarizes sample data from Area *627*.

Volatile Organic Compounds

No PRGS were exceeded for VOCs at Area *627*.

3.4.4 Site 36, Area Between Building 606 and Building 627 (606/627)

Inorganics

No inorganics exceeded the current PRGs at Area 606/627 (Table 3-19).

Pesticides

Confirmation testing of pesticides at Area 606/627 revealed no pesticide concentrations above the current PRGs. Results of pesticide sampling are shown in Table *3-20*.

Table 3-17
Area 627, Verification Sampling-Pesticides
Samples collected on May 8, 1995
(in µg/kg)

Compound	PRG	036-S-627N-02	036-S-627S-03	036-S-627E-02	036-S-627W-02
gamma-BHC (lindane)	6	1.9U	1.9U	1.8U	1.8U
Heptachlor	60	1.9U	1.9U	1.8U	1.8U
Aldrin	5	1.9U	1.9U	1.8U	1.8U
Dieldrin	1	3.6U	3.8U	3.6U	3.5U
4,4'-DDE	500	3.6U	2J	3.6U	0.11
Endrin	400	0.33J	3.8U	3.6U	3.5U
4,4'-DDD	700	3.6U	6.5	3.6U	3.5U
Endosulfan sulfate	3,000	3.6U	3.8U	3.6U	3.5U
4.4'-DDT	1,000	0.61J	0.74J	3.6U	0.39J

Table 3-17
Area 627, Verification Sampling-Pesticides
Samples collected on May 8, 1995
(in µg/kg)

Compound	PRG	036-S-627N-02	036-S-627S-03	036-S-627E-02	036-S-627W-02
Methoxychlor	62,000	19U	1.9U	18U	1.8U
Endrin aldehyde	400	3.6U	3.8U	3.6U	3.5U
alpha-Chlordane	2,000	0.18J	0.1J	1.8U	1.8U
Aroclor-1260	NA	36U	38U	36U	8J
gamma-Chlordane	2,000	0.071J	0.21J	1.8U	0.099J

Table 3-18
Area 627, Verification Sampling-Semivolatiles
Samples collected on May 8, 1995
(in µg/kg)

Compound	PRG	036-S-627N-02	036-S-627E-02	036-S-627W-02	036-S-627S-03
Phenanthrene	1,400,000	170J	360u	350U	380U
Fluoranthene	980,000	210J	360u	350U	380U
Pyrene	1,400,000	320J	360u	350U	380U
Benzo(a)anthracene	700	74J	360U	350U	380u
Chrysene	1,000	180J	360u	350U	380u
Benzo(b)fluoranthene	4,000	280J	360u	350U	380J
Benzo(k)fluoranthene	4,000	250J	360u	350U	380J
Benzo(a)pyrene	4,000	90J	360u	350U	380J
Di-n-butylphthalate	120,000	47J	62J	79J	79J
Naphthalene	30,000	360u	360u	57J	380U

Table 3-19
Area 606/627, Verification Sampling-Inorganics
Samples collected on May 19,1995
(in milligrams per kilogram)

Compound	PRG	Reference Concentration	036-S-627N-03	036-S-627E-03	036-S-627W-03
Aluminum	NA	3,833.36	560J	2450J	583J
Barium	32	4.63	4.9J	21.21	8.7J
Cadmium	6	**1**	**0.06U**	**0.08J**	0.06U
Calcium	NA	912.37	210J	601J	**606J**
Chromium	NA	6.13	0.85J	***2.7***	1.1J
Cobalt	NA	1.87	0.14J	0.61J	0.35J
Copper	NA	5.74	9.6	***25.9***	20.6
Iron	NA	2,745	913J	2,490J	**1,510J**
Lead	NA	7.32	22.4J	69.5J	61.21
Magnesium	NA	133.33	**44.8**	84.21	49J
Manganese	NA	21.36	8.7	86	19.4
Nickel	21	6.38	0.34U	1.2U	**0.9U**
Potassium	NA	460.67	60.8J	138J	38.3J
Sodium	NA	107.85	137J	146J	134J
Vanadium	NA	**5.83**	1.3J	4.3J	1.5J
Zinc	42,000	16.87	18.2	52.7	42.4

Table 3-20
Area 606/627, Verification Sampling-Pesticides
Samples collected on May 19,1995
(in µg/kg)

Compound	PRG	036-S-627N-03	036-S-627S-03	036-S-627E-03	036-S-627W-03
alpha-BHC	0.4	1.8U	1.8U	0.054J	1.8U
Aldrin	**5**	1.8U	0.44J	1.8U	0.57J
4,4'-DDD	700	3.4U	3.5U	3.6U	3.5U
Endosulfan sulfate	3,000	3.4U	1.4J	0.66J	0.69J
Methoxychlor	62,000	18U	0.64J	0.58J	1.8U

Table 3-20
Area 606/627, Verification Sampling-Pesticides
Samples collected on May 19,1995
(in µg/kg)

Compound	PRG	036-S-627N-03	036-S-627S-03	036-S-627E-03	036-S-627W-03
Endrin ketone	400	3.4U	0.17J	0.45J	3.5U
alpha-Chlordane	2,000	1.8U	1.8U	1.8U	1.8U
gamma-Chlordane	2,000	0.075J	1.8U	1.8U	0.17J

Semivolatiles

No PRGs were exceeded for semivolatile organic compounds at Area 606/627. Table 3-21 summarizes sample data from the area.

Table 3-21
Area 606/627, Verification Sampling-Semivolatiles
Samples collected on May 19, 1995
(in µg/kg)

Compound	PRG	036-S-627N-03	036-S-627S-03	036-S-627E-03	036-S-627W-03
Phenanthrene	1,400,000	340U	65J	42J	350U
Fluoranthene	980,000	340U	180J	65J	350U
Pyrene	1,400,000	340u	170J	62J	35J
Benzo(a)anthracene	700	340U	110J	52J	350U
Chrysene	1,000	340u	130J	64J	40J
Benzo(b)fluoranthene	4,000	340U	160J	91J	54J
Benzo(k)fluoranthene	4,000	340UJ	200J	110J	701
Benzo(a)pyrene	4,000	340U	95J	37J	350U

Volatile Organic Compounds

No PRGS were exceeded for VOCs at Area 606/627.

4.0 DISCREPANCIES

Several procedural discrepancies were noted during the preparation of this report. Specifically these discrepancies are:

- Excavated soil was disposed of at Springhill Regional Landfill in Graceville, Florida. This disposal site was not included on the contractor's list of proposed disposal sites, and was not approved by the Navy.

- Manifests for disposal of the excavated soil from these sites are incomplete.

- Composite samples were not collected from the trucks according to the contractor's approved procedures.

- The trucks were not weighed according to the contractor's approved procedures.

5.0 REFERENCES

EnSafe/Allen & Hoshall. (1996). Soil Remedial Summary Report, Naval Air Station Pensacola, Florida.

U.S. Environmental Protection Agency. (1995). Risk Based Concentration Table. USEPA Region 11, Office of RCRA.

EnSafe/Allen & Hoshall. (1996). Remedial Investigation Report, NAS Pensacola Sites 9, 29, and 34. March 1996.

6.0 FLORIDA PROFESSIONAL ENGINEER'S SEAL

I am registered to practice engineering by the Florida Department of Business and Professional Regulation, Division of Professions, Board of Professional Engineers (License No. 0050413). I certify, under penalty of law, that the *Confirmation* Sampling ***Results, Chevalier Field Removal Actions, Naval Air Station Pensacola,*** *Pensacola, Escambia* ***County, Florida*** were performed in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. To the best of my knowledge and belief, the information submitted is true, accurate, and complete, and the contents of this document are consistent with currently accepted engineering practices. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

L:\CLEAN\T.084\PENSACOL\CONFIRM.RE2

Elizabeth Claire Barnett
10/17/96

Appendix A

Analytical Data *Summary* Tables

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL													
	SAMPLE ID ------->	09B-0-0001-01		09B-0-0002-01		09B-0-0003-01		09B-0-0004-01		09B-0-0005-01			
	ORIGINAL ID ----->	09B0000101		09B0000201		09B0000301		09B0000401		09B0000501			
	LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07			
	ID FROM REPORT -->	09B0000101		09B0000201		09B0000301		09B0000401		09B0000501			
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95			
	DATE EXTRACTED -->	01/09/96		01/09/96		01/09/96		01/09/96		01/09/96			
	DATE ANALYZED --->	01/10/96		01/10/96		01/10/96		01/10/96		01/10/96			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL		
57-12-5	Cyanide (CN)	0.49	U	0.53	U	0.53	U	0.53	U	0.52	U		
7439-97-6	Mercury (Hg)	0.05	U	0.05	U	0.05	U	0.04	U	0.05	U		
7429-90-5	Aluminum (Al)	2830.		7180.		4340.		4440.		4480.			
7440-36-0	Antimony (Sb)	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ		
7440-38-2	Arsenic (As)	0.7	J	1.6	J	0.93	J	1.1	J	0.68	J		
7440-39-3	Barium (Ba)	10.8		4.6	J	2.8	J	4.3	J	4.5	J		
7440-41-7	Beryllium (Be)	0.05	U	0.06	U	0.06	U	0.06	U	0.05	U		
7440-43-9	Cadmium (Cd)	0.16	UJ	0.16	UJ	0.17	UJ	0.17	UJ	0.16	UJ		
7440-70-2	Calcium (Ca)	2380.	J	82.9	J	151.	J	145.	J	57.8	J		
7440-47-3	Chromium (Cr)	4.		7.3		4.8		4.8		3.9			
7440-48-4	Cobalt (Co)	0.19	J	0.27	J	0.28	J	0.18	J	0.42	J		
7440-50-8	Copper (Cu)	2.2		2.1		3.6		4.2		1.4			
7439-89-6	Iron (Fe)	2180.	J	4930.	J	2890.	J	2770.	J	2510.	J		
7439-92-1	Lead (Pb)	13.7		2.9		5.7		8.7		1.7			
7439-95-4	Magnesium (Mg)	44.	J	55.2	J	43.4	J	61.9	J	76.	J		
7439-96-5	Manganese (Mn)	43.9	J	11.8	J	20.9	J	47.	J	35.2	J		
7440-02-0	Nickel (Ni)	0.81	J	1.4	J	1.1	J	1.	J	1.4	J		
7440-09-7	Potassium (K)	22.2	J	31.8	J	34.	J	30.3	J	41.1	J		
7782-49-2	Selenium (Se)	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U		
7440-22-4	Silver (Ag)	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U		
7440-23-5	Sodium (Na)	9.1	U	3.5	U	6.9	U	6.1	U	4.8	U		
7440-28-0	Thallium (Tl)	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U		
7440-62-2	Vanadium (V)	5.6	J	13.7	J	6.9	J	7.5	J	6.	J		
7440-66-6	Zinc (Zn)	3.9		2.3		5.4		6.5		2.6			
AL	Aluminum	NR		NR		NR		NR		NR			
SB	Antimony	NR		NR		NR		NR		NR			
AS	Arsenic	NR		NR		NR		NR		NR			
BA	Barium	NR		NR		NR		NR		NR			
BE	Beryllium	NR		NR		NR		NR		NR			
CD	Cadmium	NR		NR		NR		NR		NR			
CA	Calcium	NR		NR		NR		NR		NR			
CR	Chromium	NR		NR		NR		NR		NR			
CO	Cobalt	NR		NR		NR		NR		NR			
CU	Copper	NR		NR		NR		NR		NR			
FE	Iron	NR		NR		NR		NR		NR			
PB	Lead	NR		NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL											
		SAMPLE ID ------->	098-0-0001-01		098-0-0002-01		098-0-0003-01		098-0-0004-01		098-0-0005-01
		ORIGINAL ID ----->	098000101		0960000201		098000301		098000401		098000501
		LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07
		ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501
		SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95
		DATE EXTRACTED -->	01/09/96		01/09/96		01/09/96		01/09/96		01/09/96
		DATE ANALYZED --->	01/10/96		01/10/96		01/10/96		01/10/96		01/10/96
		MATRIX ---------->	Soit		soi1		Soil		Soil		Soil
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG
CAS #	Parameter		034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
MG	Magnesium		NR		NR		NR		NR		NR
MN	Manganese		NR		NR		NR		NR		NR
HG	Mercury		NR		NR		NR		NR		NR
NI	Nickel		NR		NR		NR		NR		NR
K	Potassium		NR		NR		NR		NR		NR
SE	Selenium		NR		NR		NR		NR		NR
AG	Silver		NR		NR		NR		NR		NR
NA	Sodium		NR		NR		NR		NR		NR
TL	Thallium		NR		NR		NR		NR		NR
V	Vanadium		NR		NR		NR		NR		NR
ZN	Zinc		NR		NR		NR		NR		NR
CN	Cyanide		NR		NR		NR		NR		NR

*** Validation Complete +**

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

PEST

SAMPLE ID ------->	09B-0-0001-01		098-0-0002-01		09B-0-0003-01		09B-0-0004-01		098-0-0005-01		
ORIGINAL ID ----->	09B0000101		09B0000201		09B0000301		09B0000401		0980000501		
LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07		
ID FROM REPORT -->	0980000101		0980000201		09B0000301		0980000401		0980000501		
SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95		
DATE EXTRACTED -->	01/07/96		01/07/96		01/07/96		01/07/96		01/07/96		
DATE ANALYZED --->	01/27/96		01/27/96		01/27/96		01/27/96		01/27/96		
MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		
CAS # Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	
12674-11-2 Aroclor-1016	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U	
11104-28-2 Aroclor-1221	7.1	U	7.1	U	7.	U	7.	U	7.3	U	
11141-16-5 Aroclor-1232	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U	
53469-21-9 Aroclor-1242	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U	
12672-29-6 Aroclor-1248	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U	
11097-69-1 Aroclor-1254	1.	J	2.7	J	2.2	J	1.9	J	3.6	U	
11096-82-5 Aroclor-1260	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U	
72-54-8 4,4'-DDD	0.65		0.64		0.58		0.51		29.		
72-55-9 4,4'-DDE	0.18	U	0.18	U	0.18	U	0.18	U	3.1		
50-29-3 4,4'-DDT	0.31		0.29		0.4		0.61		10.		
309-00-2 Aldrin	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U	
60-57-1 Dieldrin	0.2	U	0.18	U	0.2	U	0.3	U	1.9		
959-98-8 Endosulfan I	0.31	J	0.18	U	0.31	J	*0.24*	J	0.09	U	
33213-65-9 Endosulfan II	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	
1031-07-8 Endosulfan sulfate	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	
72-20-8 Endrin	0.18	U	0.18	U	0.18	U	0.18	U	0.3	U	
7421-93-4 Endrin aldehyde	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	
53494-70-5 Endrin ketone	0.18	U	0.18	U	0.18	U	0.18	U	0.6		
76-44-8 Heptachlor	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U	
1024-57-3 Heptachlor epoxide	0.087	U	0.088	U	0.087	U	0.2	U	0.09	U	
72-43-5 Methoxychlor	0.87	U	0.88	U	0.87	U	0.87	U	2.4		
8001-35-2 Toxaphene	18.	U	18.	U	18.	U	18.	U	18.	U	
319-84-6 alpha-BHC	0.087	U	0.088	U	0.087	U	0.12		0.09	U	
5103-71-9 alpha-Chlordane	0.087	U	0.088	U	0.087	U	0.087	U	1.1	J	
319-85-7 beta-BHC	0.087	U	0.088	U	0.087	U	0.087	U	*0.09*	U	
319-86-8 delta-BHC	0.087	U	0.088	U	0.087	U	0.087	U	0.09	U	
58-89-9 gamma-BHC (Lindane)	0.087	U	0.088	U	0.087	U	0.087	U	*0.09*	U	
5103-74-2 gamma-Chlordane	0.087	U	0.088	U	0.087	U	0.087	U	1.1	J	

*** Validation Complete ***

SVOA											
	SAMPLE ID ------->	098-0-0001-01		098-0-0002-01		098-0-0003-01		098-0-0004-01		098-0-0005-01	
	ORIGINAL ID ----->	0980000101		0960000201		0980000301		0980000401		0980000501	
	LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07	
	ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501	
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED **>	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/15/96		01/13/96		01/15/96		01/15/96		01/13/96	
	MATRIX ---------->	Soil		soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
95-50-1	1,2-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
541-73-1	1,3-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	350.	U	350.	U	350.	U
95-95-4	2,4,5-Trichlorophenol	840.	U	840.	U	840.	U	840.	U	860.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U
120-83-2	2,4-Dichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U
105-67-9	2,4-Dimethylphenol	350.	U	350.	U	350.	U	350.	U	350.	U
51-28-5	2,4-Dinitrophenol	840.	U	840.	U	840.	U	840.	U	860.	U
121-14-2	2,4-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U
606-20-2	2,6-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U
91-58-7	2-Chloronaphthalene	350.	U	350.	U	350.	U	350.	U	350.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U
91-57-6	2-Methylnaphthalene	19.	J	35.	U	35.	U	35.	U	35.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	350.	U	350.	U	350.	U	350.	U
88-74-4	2-Nitroaniline	350.	U	350.	U	350.	U	350.	U	350.	U
88-75-5	2-Nitrophenol	350.	U	350.	U	350.	U	350.	U	350.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	350.	U	350.	U	350.	U	350.	U
99-09-2	3-Nitroaniline	840.	U	840.	U	840.	U	840.	U	860.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	840.	U	840.	U	*840.*	U	840.	U	860.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	350.	U	350.	U	350.	U	350.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	350.	U	350.	U	350.	U	350.	U
106-47-8	4-Chloroaniline	350.	U	350.	U	350.	U	350.	U	350.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	350.	U	350.	U	350.	U	350.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	350.	U	350.	U	350.	U	350.	U
100-01-6	4-Nitroaniline	840.	U	*840.*	U	840.	U	840.	U	860.	U
100-02-7	4-Nitrophenol	840.	UJ	840.	UJ	840.	UJ	840.	UJ	860.	UJ
83-32-9	Acenaphthene	17.	U	17.	U	17.	U	17.	U	17.	U
208-96-8	Acenaphthylene	35.	U	35.	U	35.	U	35.	U	35.	U
120-12-7	Anthracene	35.	U	35.	U	35.	U	35.	U	35.	U
56-55-3	Benzo(a)anthracene	35.	U	35.	U	35.	U	35.	U	35.	U
50-32-8	Benzo(a)pyrene	35.	U	35.	U	35.	U	35.	U	35.	U
205-99-2	Benzo(b)fluoranthene	35.	UJ	35.	U	35.	UJ	35.	UJ	35.	U
191-24-2	Benzo(g,h,i)perylene	35.	U	35.	U	35.	U	35.	U	35.	U
207-08-9	Benzo(k)fluoranthene	35.	UJ	35.	U	35.	UJ	35.	UJ	35.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA											
	SAMPLE ID ------->	098-0-0001-01		098-0-0002-01		098-0-0003-01		098-0-0004-01		098-0-0005-01	
	ORIGINAL ID ----->	0980000101		0980000201		0980000301		0980000401		0980000501	
	LAB SAMPLE ID --->	951098-09		951098-08		951098-11		951098-10		951098-07	
	ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501	
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/15/96		01/13/96		01/15/96		01/15/96		01/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034511	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	350.	U	350.	U	660.	U	350.	U
85-68-7	Butylbenzylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U
86-74-8	Carbazole	350.	U	350.	U	350.	U	350.	U	350.	U
218-01-9	Chrysene	35.	U	35.	U	35.	U	35.	U	35.	U
84-74-2	Di-n-butylphthalate	350.	U	350.	U	19.	J	350.	U	350.	U
117-84-0	Di-n-octyl phthalate	350.	UJ	350.	UJ	350.	UJ	350.	UJ	550.	UJ
53-70-3	Dibenz(a,h)anthracene	35.	U	35.	U	35.	U	35.	U	35.	U
132-64-9	Dibenzofuran	350.	U	350.	U	350.	U	350.	U	350.	U
84-66-2	Diethylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U
131-11-3	Dimethyl phthalate	350.	U	350.	U	350.	U	350.	U	350.	U
206-44-0	Fluoranthene	35.	U	35.	U	35.	U	35.	U	35.	U
86-73-7	Fluorene	It.	U	17.	U	17.	U	17.	U	17.	U
118-74-1	Hexachlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
87-68-3	Hexachlorobutadiene	350.	U	350.	U	350.	U	350.	U	350.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	350.	UJ	350.	U	350.	U	350.	UJ
67-72-1	Hexachloroethane	350.	U	350.	U	350.	U	350.	U	350.	U
193-39-5	Indeno(1,2,3-cd)pyrene	35.	U	35.	U	35.	U	35.	U	35.	U
78-59-1	Isophorone	350.	U	350.	U	350.	U	350.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	35.	U	35.	U	35.	U	35.	U	35.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	350.	U	350.	U	350.	U	350.	U
91-20-3	Naphthalene	35.	U	35.	U	35.	U	35.	U	35.	U
98-95-3	Nitrobenzene	350.	U	350.	U	350.	U	350.	U	350.	U
87-86-5	Pentachlorophenol	840.	U	840.	U	840.	U	840.	U	860.	U
85-01-8	Phenanthrene	35.	U	35.	U	35.	U	35.	U	35.	U
108-95-2	Phenol	350.	U	350.	U	350.	U	350.	U	350.	U
129-00-0	Pyrene	35.	U	35.	U	35.	U	35.	U	35.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	350.	U	350.	U	350.	U	350.	U
111-44-4	bis(2-Chloroethyl)ether	35.	UJ	35.	U	35.	UJ	35.	UJ	35.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

VOA											
	SAMPLE ID ------->	098-0-0001-01		098-0-0002-01		098-0-0003-01		098-0-0004-01		098-0-0005-01	
	ORIGINAL ID ----->	0980000101		0980000201		0980000301		0980000401		0980000501	
	LAB SAMPLE ID --->	951098-09		951098-08		951090-11		951098-10		951098-07	
	ID FROM REPORT -->	0980000101		0980000201		0980000301		0980000401		0980000501	
	SAMPLE DATE ----->	12/29/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE ANALYZED --->	01/02/96		01/02/96		01/02/96		01/02/96		01/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	11.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	11.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	11.	U	11.	U
591-78-6	2-Hexanone	11.	U	11.	U	11.	U	11.	U	3.	J
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	11.	U	11.	U
67-64-1	Acetone	15.	U	11.	U	11.	U	12.	U	22.	U
71-43-2	Benzene	11.	U	11.	U	11.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	11.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	UJ	11.	UJ	11.	UJ	11.	UJ	12.	J
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	11.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	V	11.	U	11.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	11.	U	11.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	11.	U	11.	U
74-87-3	Chloromethane	11.	U	11.	U	11.	U	11.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	11.	U	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
100-42-5	Styrene	11.	U	11.	U	11.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	11.	U	11.	U
108-88-3	Toluene	11.	U	11.	V	11.	U	11.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	11.	U	11.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	11.	U

*** Validation Complete **+

PENSACOLA, SITE 29
SITE 29 VERIFY SAMPLING, BUILD 3460

METAL											
	SAMPLE ID ------->	029-5-0014-01		029-S-0015-01		029-S-0016-01		029-S-0017-01			
	ORIGINAL ID ----->	029S001401		0295001501		029S001601		029S001701			
	LAB SAMPLE ID --->	718252		718254		718256		718258			
	ID FROM REPORT -->	0295001401		029S001501		029S001601		029S001701			
	SAMPLE DATE ----->	65/16/95		05/16/95		05/16/95		05/16/95			
	MATRIX ---------->	soil		Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL		
AL	Aluminum	5610.	J	1280.	J	8960.	J	7470.	J		
SB	Antimony	0.42	UJ	Q.43	UJ	0.43	UJ	0.43	UJ		
AS	Arsenic	0.7	U	0.72	U	1.2	J	1.5	J		
BA	Barium	10.7	J	2.9	J	10.3	J	13.9	J		
BE	Beryllium	0.04	U	0.04	U	0.04	U	0.05	U		
CD	Cadmium	0.07	U	0.07	U	0.07	U	0.07	U		
CA	Calcium	391.	J	202.	J	404.	J	361.	J		
CR	Chromium	4.6		1.6	J	6.8		6.			
CO	Cobalt	0.81	J	0.21	J	1.6	J	0.99	J		
CU	Copper	4.5	J	2.8	J	5.1	J	5.4	J		
FE	Iron	2850.	J	1050.	J	5880.	J	4070.	J		
PB	Lead	7.9	J	8.4	J	7.2	J	9.4	J		
MG	Magnesium	72.	J	18.1	U	60.9	U	87.7	J		
MN	Manganese	203.		50.1		337.		321.			
HG	Mercury	0.11	U	0.11	U	0.11	U	0.11	U		
NI	Nickel	1.3	U	0.31	U	1.5	U	1.6	J		
K	Potassium	108.	J	66.8	J	99.	J	118.	J		
SE	Selenium	0.96	U	0.98	U	0.99	U	1.	U		
AG	Silver	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ		
NA	Sodium	114.	J	139.	J	145.	J	86.7	J		
TL	Thallium	0.98	U	1.	U	1.	U	1.	U		
V	Vanadium	8.	J	2.7	J	12.3		10.5	J		
ZN	Zinc	8.4		5.9		8.5		9.			
CN	Cyanide	0.55	U	0.56	U	0.56	U	0.57	U		

*** Validation Complete ***

PEST															
	SAMPLE ID ------->	029-S-0014-01		029-S-0014-01		029-S-0015-01		029-S-0015-01		029-S-0016-01		029-S-0016-01	
	ORIGINAL ID ----->	029S001401		029S001401		029S001501		029S001501		029S001601		029S001601	
	LAB SAMPLE ID --->	718251		731578		718253		731582		718255		731583	
	ID FROM REPORT -->	295001401		029S001401		29S001501		0295001501		29S001601		029S001601	
	SAMPLE DATE ----->	05/16/95		06/14/95		05/16/95		06/14/95		05/16/95		06/14/95	
	DATE EXTRACTED -->	06/10/95		06/15/95		06/10/95		06/15/95		06/10/95		06/15/95	
	DATE ANALYZED --->	06/19/95		06/17/95		06/19/95		06/17/95		06/19/95		06/17/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00008	VAL	00006	VAL	00008	VAL	00006	VAL	00008	VAL
319-84-6	alpha-BHC	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
319-85-7	beta-BHC	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
319-86-8	delta-BHC	1.9	UJ	0.16	J	1.9	UJ	1.8	U	1.9	UJ	1.8	U
58-89-9	gamma-BHC (Lindane)	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
76-44-8	Heptachlor	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
309-00-2	Aldrin	0.12	UJ	1.8	U	0.094	J	1.8	U	1.9	UJ	1.8	U
1024-57-3	Heptachlor epoxide	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
959-98-8	Endosulfan I	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
60-57-1	Dieldrin	45.	J	0.59	J	10.	J	22.		3.7	UJ	0.33	J
72-55-9	4,4'-DDE	1.3	J	3.4	U	0.1	J	1.1	J	3.7	UJ	3.6	U
72-20-8	Endrin	3.6	UJ	3.4	U	0.15	J	3.5	U	3.7	UJ	3.6	U
33213-65-9	Endosulfan II	3.6	UJ	0.24	J	3.7	UJ	3.5	U	3.7	UJ	3.6	U
72-54-8	4,4'-DDD	3.6	UJ	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
1031-07-8	Endosulfan sulfate	0.56	J	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
50-29-3	4,4'-DDT	2.6	J	0.19	J	3.7	UJ	1.4	J	3.7	UJ	3.6	U
72-43-5	Methoxychlor	19.	UJ	18.	U	0.69	J	18.	U	19.	UJ	18.	U
53494-70-5	Endrin ketone	0.47	J	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
7421-93-4	Endrin aldehyde	0.16	J	3.4	U	3.7	UJ	3.5	U	3.7	UJ	3.6	U
5103-71-9	alpha-Chlordane	1.9	UJ	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
5103-74-2	gamma-Chlordane	0.061	J	1.8	U	1.9	UJ	1.8	U	1.9	UJ	1.8	U
8001-35-2	Toxaphene	190.	UJ	180.	U	190.	UJ	180.	U	190.	UJ	180.	U
12674-11-2	Aroclor-1016	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
11104-28-2	Aroclor-1221	74.	UJ	69.	U	75.	UJ	72.	U	75.	UJ	73.	U
11141-16-5	Aroclor-1232	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
53469-21-9	Aroclor-1242	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
12672-29-6	Aroclor-1248	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
11097-69-1	Aroclor-1254	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U
11096-82-5	Aroclor-1260	36.	UJ	34.	U	37.	UJ	35.	U	37.	UJ	36.	U

*** Validation Complete ***

PENSACOLA, SITE 29
SITE 29 VERIFY SAMPLING, BUILD 3460

PEST

SAMPLE ID ------->	029-S-0017-01		029-S-0017-01					
ORIGINAL ID ----->	029S001701		029S001701					
LAB SAMPLE ID --->	718257		731584					
ID FROM REPORT -->	29S001701		029S001701					
SAMPLE DATE ---->	05/16/95		06/14/95					
DATE EXTRACTED -->	06/10/95		06/15/95					
DATE ANALYZED --->	06/19/95		06/17/95					
MATRIX ---------->	Soil		Soi					
UNITS ---------->	UG/KG		UG/KG					
CAS # Parameter	00006	VAL	00008	VAL				
319-84-6 alpha-BHC	1.9	UJ	1.8	U				
319-85-7 beta-BHC	1.9	UJ	1.8	U				
319-86-8 delta-BHC	1.9	UJ	1.8	U				
58-89-9 gamma-BHC (Lindane)	1.9	UJ	1.8	U				
76-44-8 Heptachlor	0.043	J	1.8	U				
309-00-2 Aldrin	1.9	UJ	1.8	U				
1024-57-3 Heptachlor epoxide	1.9	UJ	1.8	U				
959-98-8 Endosulfan I	1.9	UJ	1.8	U				
60-57-1 Dieldrin	0.61	J	2.9	J				
72-55-9 4,4'-DDE	0.08	J	3.5	U				
72-20-8 Endrin	3.7	UJ	3.5	U				
33213-65-9 Endosulfan II	3.7	UJ	3.5	U				
72-54-8 4,4'-DDD	3.7	UJ	3.5	U				
1031-07-8 Endosulfan sulfate	3.7	UJ	3.5	U				
50-29-3 4,4'-DDT	1.2	J	3.5	U				
72-43-5 Methoxychlor	19.	UJ	18.	U				
53494-70-5 Endrin ketone	0.14	J	3.5	U				
7421-93-4 Endrin aldehyde	3*7	UJ	3.5	U				
5103-71-9 alpha-Chlordane	1.9	UJ	1.8	U				
5103-74-2 gamma-Chlordane	1.9	UJ	1.8	U				
8001-35-2 Toxaphene	190.	UJ	180.	U				
12674-11-2 Aroclor-1016	37.	UJ	35.	U				
11104-28-2 Aroclor-1221	74.	UJ	71.	U				
11141-16-5 Aroclor-1232	37.	UJ	35.	U				
53469-21-9 Aroclor-1242	37.	UJ	35.	U				
12672-29-6 Aroclor-1248	37.	UJ	35.	U				
11097-69-1 Aroclor-1254	37.	UJ	35.	U				
11096-82-5 Aroclor-1260	37.	UJ	35.	U				

*** Validation Complete ***

PENSACOLA, SITE 29
SITE 29 VERIFY SAMPLING, BUILD 3460

SVOA											
	SAMPLE ID ------->	029-S-0014-01		029-S-0015-01		029-S-0016-01		029-S-0017-01			
	ORIGINAL ID ----->	029S001401		029S001501		029S001601		029S001701			
	LAB SAMPLE ID --->	718251		718253		718255		718257			
	ID FROM REPORT -->	29S001401		29S001501		296001601		29S001701			
	SAMPLE DATE ----->	05/16/95		05/16/95		05/16/95		05/16/95			
	DATE EXTRACTED -->	05/27/95		05/27/95		05/27/95		05/27/95			
	DATE ANALYZED --->	06/10/95		06/10/95		06/10/95		06/10/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL		
108-95-2	Phenol	360.	U	370.	UJ	360.	UJ	360.	U		
111-44-4	bis(2-Chloroethyl)ether	360.	U	370.	U	360.	U	360.	U		
95-57-8	2-Chlorophenol	360.	U	370.	U	360.	U	360.	U		
541-73-1	1,3-Dichlorobenzene	360.	U	370.	U	360.	U	360.	U		
106-46-7	1,4-Dichlorobenzene	360.	U	370.	U	360.	U	360.	U		
95-50-1	1,2-Dichlorobenzene	360.	U	370.	U	360.	U	360.	U		
95-48-7	2-Methylphenol (o-Cresol)	360.	U	370.	U	360.	U	360.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	360.	U	370.	U	360.	U	360.	U		
106-44-5	4-Methylphenol (p-Cresol)	360.	U	370.	U	360.	U	360.	U		
621-64-7	N-Nitroso-di-n-propylamine	360.	U	370.	U	360.	U	360.	U		
67-72-1	Hexachloroethane	360.	U	370.	U	360.	U	360.	U		
98-95-3	Nitrobenzene	360.	U	370.	U	360.	U	360.	U		
78-59-1	Isophorone	360.	U	370.	U	360.	U	360.	U		
88-75-5	2-Nitrophenol	360.	U	370.	U	360.	U	360.	U		
105-67-9	2,4-Dimethylphenol	360.	U	370.	U	360.	U	360.	U		
111-91-1	bis(2-Chloroethoxy)methane	360.	U	370.	U	360.	U	360.	U		
120-83-2	2,4-Dichlorophenol	360.	U	370.	U	360.	U	360.	U		
120-82-1	1,2,4-Trichlorobenzene	360.	U	370.	U	360.	U	360.	U		
91-20-3	Naphthalene	360.	U	370.	U	360.	U	360.	U		
106-47-8	4-Chloroaniline	360.	U	370.	U	360.	U	360.	U		
87-68-3	Hexachlorobutadiene	360.	U	370.	U	360.	U	360.	U		
59-50-7	4-Chloro-3-methylphenol	360.	U	370.	U	360.	U	360.	U		
91-57-6	2-Methylnaphthalene	360.	U	370.	U	360.	U	360.	U		
77-47-4	Hexachlorocyclopentadiene	360.	UJ	370.	UJ	360.	UJ	360.	UJ		
88-06-2	2,4,6-Trichlorophenol	360.	U	370.	U	360.	U	360.	U		
95-95-4	2,4,5-Trichlorophenol	910.	U	930.	U	920.	U	910.	U		
91-58-7	2-Chloronaphthalene	360.	U	370.	U	360.	U	360.	U		
88-74-4	2-Nitroaniline	910.	U	930.	U	920.	U	910.	U		
131-11-3	Dimethyl phthalate	360.	U	370.	U	360.	U	360.	U		
208-96-8	Acenaphthylene	360.	U	370.	U	360.	U	360.	U		
606-20-2	2,6-Dinitrotoluene	360.	U	370.	U	360.	U	360.	U		
99-09-2	3-Nitroaniline	910.	U	930.	U	920.	U	910.	U		
83-32-9	Acenaphthene	360.	U	370.	U	360.	U	360.	U		
51-28-5	2,4-Dinitrophenol	910.	U	930.	U	920.	U	910.	U		
100-02-7	4-Nitrophenol	910.	U	930.	U	920.	U	910.	U		
132-64-9	Dibenzofuran	360.	U	370.	U	360.	U	360.	U		

*** Validation Complete ***

PENSACOLA, SITE 29
SITE 29 VERIFY SAMPLING, BUILD 3460

SVOA											
	SAMPLE ID ------->	029-S-0014-01		029-S-0015-01		029-8-0016-01		029-S-0017-01			
	ORIGINAL ID ----->	029S001401		0295001501		029S001601		029S001701			
	LAB SAMPLE ID --->	718251		718253		718255		718257			
	ID FROM REPORT -->	298001401		29S001S01		29S001601		29S001701			
	SAMPLE DATE ----->	05/16/95		05/16/95		05/16/95		05/16/95			
	DATE EXTRACTED -->	05/27/95		05/27/95		05/27/95		05/27/95			
	DATE ANALYZED --->	06/10/95		06/10/95		06/10/95		06/10/95			
	MATRIX ---------->	soil		Soil		soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL		
121-14-2	2,4-Dinitrotoluene	360.	U	370.	U	360.	U	360.	U		
84-66-2	Diethylphthalate	360.	U	370.	U	360.	U	360.	U		
7005-72-3	4-Chlorophenylphenylether	360.	U	370.	U	360.	U	360.	U		
86-73-7	Fluorene	360.	U	370.	U	360.	U	360.	U		
100-01-6	4-Nitroaniline	910.	U	930.	U	920.	U	910.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	910.	U	930.	U	920.	U	910.	U		
86-30-6	N-Nitrosodiphenylamine	360.	U	370.	U	360.	U	360.	U		
101-55-3	4-Bromophenyl-phenylether	360.	U	370.	U	360.	U	360.	U		
118-74-1	Hexachlorobenzene	360.	U	370.	U	360.	U	360.	U		
87-86-5	Pentachlorophenol	910.	U	930.	U	920.	U	910.	U		
85-01-8	Phenanthrene	360.	U	370.	U	360.	U	360.	U		
120-12-7	Anthracene	360.	U	370.	U	360.	U	360.	U		
86-74-8	Carbazole	360.	U	370.	U	360.	U	360.	U		
84-74-2	Di-n-butylphthalate	360.	U	370.	U	140.	J	81.	J		
206-44-0	Fluoranthene	360.	U	370.	U	360.	U	360.	U		
129-00-0	Pyrene	360.	U	370.	U	360.	U	360.	U		
85-68-7	Butylbenzylphthalate	360.	U	370.	U	360.	U	360.	U		
91-94-1	3,3'-Dichlorobenzidine	360.	U	370.	U	360.	U	360.	U		
56-55-3	Benzo(a)anthracene	360.	U	370.	U	360.	U	360.	U		
218-01-9	Chrysene	360.	U	370.	U	360.	U	360.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	370.	U	360.	U	360.	U		
117-84-0	Di-n-octyl phthalate	360.	U	370.	U	360.	U	360.	U		
205-99-2	Benzo(b)fluoranthene	360.	U	370.	U	360.	U	360.	U		
207-08-9	Benzo(k)fluoranthene	360.	U	370.	U	360.	U	360.	U		
50-32-8	Benzo(a)pyrene	360.	U	370.	U	360.	U	360.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U	370.	U	360.	UJ	360.	UJ		
53-70-3	Dibenz(a,h)anthracene	360.	UJ	370.	UJ	360.	UJ	360.	UJ		
191-24-2	Benzo(g,h,i)perylene	360.	UJ	370.	UJ	360.	UJ	360.	UJ		

*** Validation Complete ***

PENSACOLA, SITE 29
SITE 29 VERIFY SAMPLING, BUILD 3460

VOA											
		SAMPLE ID ------->	029-S-0014-01		029-S-0015-01		029-5-0016-01		D29-S-0017-01		
		ORIGINAL ID ----->	029S001401		029S001501		029S001601		029S001701		
		LAB SAMPLE ID --->	718251		718253		718255		718257		
		ID FROM REPORT -->	29S001401		29S001501		29S001601		29S001701		
		SAMPLE DATE ----->	05/16/95		05/16/95		05/16/95		05/16/95		
		DATE ANALYZED --->	05/25/95		05/25/95		05/25/95		05/25/95		
		MATRIX ---------->	Soil		soil		Soil		Soil		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		00006	VAL	00006	VAL	00006	VAL	DO006	VAL	
74-87-3	Chloromethane		11.	UJ	11.	UJ	11.	UJ	11.	UJ	
74-83-9	Bromomethane		11.	U	11.	U	11.	U	11.	U	
75-01-4	Vinyl chloride		11.	UJ	11.	UJ	11.	UJ	11.	UJ	
75-00-3	Chloroethane		11.	U	11.	U	11.	U	11.	U	
75-09-2	Methylene chloride		13.	UJ	12.	UJ	15.	UJ	13.	UJ	
67-64-1	Acetone		11.	UJ	11.	UJ	11.	UJ	27.	UJ	
75-15-0	Carbon disulfide		11.	U	11.	U	11.	U	11.	U	
75-35-4	1,1-Dichloroethene		11.	U	11.	U	11.	U	11.	U	
75-34-3	1,1-Dichloroethane		11.	U	11.	U	11.	U	11.	U	
540-59-0	1,2-Dichloroethene (total)		11.	U	11.	U	11.	U	11.	U	
67-66-3	Chloroform		11.	U	11.	U	11.	U	11.	U	
107-06-2	1,2-Dichloroethane		11.	U	11.	U	11.	U	11.	U	
78-93-3	2-Butanone (MEK)		11.	U	11.	U	11.	U	11.	U	
71-55-6	1,1,1-Trichloroethane		11.	U	11.	U	11.	U	11.	U	
56-23-5	Carbon tetrachloride		11.	U	11.	U	11.	U	11.	U	
75-27-4	Bromodichloromethane		11.	U	11.	U	11.	U	11.	U	
78-87-5	1,2-Dichloropropane		11.	U	11.	U	11.	U	11.	U	
10061-01-5	cis-1,3-Dichloropropene		11.	U	11.	U	11.	U	11.	U	
79-01-6	Trichloroethene		11.	U	11.	U	11.	U	11.	U	
124-48-1	Dibromochloromethane		11.	U	11.	U	11.	U	11.	U	
79-00-5	1,1,2-Trichloroethane		11.	U	11.	U	11.	U	11.	U	
71-43-2	Benzene		11.	U	11.	U	11.	U	11.	U	
10061-02-6	trans-1,3-Dichloropropene		11.	U	11.	U	11.	U	11.	U	
75-25-2	Bromoform		11.	U	11.	U	11.	U	11.	U	
108-10-1	4-Methyl-2-Pentanone (MIBK)		11.	U	11.	U	11.	U	11.	U	
591-78-6	2-Hexanone		11.	U	11.	U	11.	U	11.	U	
127-18-4	Tetrachloroethene		11.	U	11.	U	11.	U	11.	U	
79-34-5	1,1,2,2-Tetrachloroethane		11.	U	11.	U	11.	U	11.	U	
108-88-3	Toluene		11.	U	11.	U	11.	U	11.	U	
108-90-7	Chlorobenzene		11.	U	11.	U	11.	U	11.	U	
100-41-4	Ethylbenzene		11.	U	11.	U	11.	U	11.	U	
100-42-5	Styrene		11.	U	11.	U	11.	U	11.	U	
1330-20-7	Xylene (Total)		11.	U	11.	U	11.	U	11.	U	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL													
	SAMPLE ID ------->	034-S-1101-01		034-S-1201-01		034-S-1301-01		034-S-1401-01		034-J-1501-01		036-S-606E-04	
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101		036S606E04	
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05		714504	
	ID FROM REPORT -->	034S110101		034S120101		034S130101		034S140101		0345150101		036S606E04	
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95		05/08/95	
	DATE EXTRACTED -->	01/09/96		01/09/96		01/09/96		01/09/96		01/09/96			
	DATE ANALYZED --->	01/10/96		01/10/96		01/10/96		01/10/96		01/10/96			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	06596M	VAL
57-12-5	Cyanide (CN)	0.52	U	0.52	U	0.52	U	0.52	U	0.51	U	NR	
7439-97-6	Mercury (Hg)	0.05	U	0.04	U	0.04	U	0.04	U	0.05	U	NR	
7429-90-5	Aluminum (Al)	1540.		1600.		1700.		1290.		2950.		NR	
7440-36-0	Antimony (Sb)	0.11	UJ	0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	NR	
7440-38-2	Arsenic (As)	0.36	J	0.23	J	0.49	J	0.36	J	0.73	J	NR	
7440-39-3	Barium (Ba)	9.1	J	1.9	J	1.6	J	1.9	J	4.	J	NR	
7440-41-7	Beryllium (Be)	0.05	U	0.05	U	0.05	U	0.06	U	0.05	U	NR	
7440-43-9	Cadmium (Cd)	0.16	UJ	0.16	UJ	0.16	UJ	0.17	UJ	0.16	UJ	NR	
7440-70-2	Calcium (Ca)	311.	J	548.	J	453.	J	336.	J	1780.	J	NR	
7440-47-3	Chromium (Cr)	2.1		3.2		2.4		4.3		3.2		NR	
7440-48-4	Cobalt (Co)	0.16	U	0.16	U	0.18	J	0.25	J	0.3	J	NR	
7440-50-8	Copper (Cu)	0.68	J	0.64	J	0.87	J	1.1	J	1.2	J	Nk	
7439-89-6	Iron (Fe)	1120.	J	902.	J	1330.	J	1030.	J	1500.	J	NR	
7439-92-1	Lead (Pb)	1.2		1.9		1.4		3.1		2.6		NR	
7439-95-4	Magnesium (Mg)	34.3	J	40.9	J	28.8	J	30.8	J	106.	J	NR	
7439-96-5	Manganese (Mn)	57.9	J	13.6	J	8.9	J	14.6	J	28.6	J	NR	
7440-02-0	Nickel (Ni)	0.63	U	0.63	U	0.84	J	0.85	J	1.2	J	NR	
7440-09-7	Potassium (K)	19.4	J	22.3	J	21.9	J	17.2	J	68.5	3	NR	
7782-49-2	Selenium (Se)	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	NR	
7440-22-4	Silver (Ag)	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	NR	
7440-23-5	Sodium (Na)	4.4	U	11.	U	10.6	U	16.2	U	21.9	U	NR	
7440-28-0	Thallium (Tl)	0.23	U	0.16	U	0.16	U	0.17	U	0.16	U	NR	
7440-62-2	Vanadium (V)	2.6	J	2.5	J	3.3	J	2.4	J	4.3	J	NR	
7440-66-6	Zinc (Zn)	2.1		2.2		2.1		4.		4.		NR	
AL	Aluminum	NR		NR		NR		NR		NR		252.	J
SB	Antimony	NR		NR		NR		NR		NR		0.41	UJ
AS	Arsenic	NR		NR		NR		NR		NR		0.69	U
BA	Barium	NR		NR		NR		NR		NR		7.4	J
BE	Beryllium	NR		NR		NR		NR		NR		0.04	U
CD	Cadmium	NR		NR		NR		NR		NR		0.06	U
CA	Calcium	NR		NR		NR		NR		NR		173.	J
CR	Chromium	NR		NR		NR		NR		NR		1.	J
CO	Cobalt	NR		NR		NR		NR		NR		0.13	U
CU	Copper	NR		NR		NR		NR		NR		3.6	J
FE	Iron	NR		NR				NR		NR		568.	J
PB	Lead	NR		NR				NR		NR		66.3	J

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL													
		SAMPLE ID ------->	034-S-1101-01		034-S-1201-01		034-S-1301-01		034-S-1401-01		034-S-1501-01		036-S-606E-04	
		ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101		036S606E04	
		LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05		714504	
		ID FROM REPORT -->	034S110101		0345120101		0349130101		034S140101		034S150101		036S606E04	
		SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95		05/08/95	
		DATE EXTRACTED -->	01/09/96		01/09/96		01/09/96		01/09/96		01/09/96			
		DATE ANALYZED --->	01/10/96		01/10/96		01/10/96		01/10/96		01/10/96			
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	06596M	VAL
HG	Magnesium		NR		NR		NR		NR		NR		11.	U
MN	Manganese		NR		NR		NR		NR		NR		7.4	
HC	Mercury		NR		NR		NR		NR		NR		0.12	
NI	Nickel		NR		NR		NR		NR		NR		0.3	U
K	Potassiun		NR		NR		NR		NR		NR		14.2	J
SE	Selenium		NR		NR		NR		NR		NR		0.94	U
AG	Silver		NR		NR		NR		NR		NR		0.11	UJ
NA	Sodium		NR		NR		NR		NR		NR		123.	J
TL	Thallium		NR		NR		NR		NR		NR		0.96	U
V	Vanadium		NR		NR		NR		NR		NR		0.65	J
ZN	Zinc		NR		NR		NR		NR		NR		28.6	
CN	Cyanide		NR		NR		NR		NR		NR		0.54	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL															
	SAMPLE ID ------->	036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606s-04		036-S-606s-05		036-S-606W-04	
	ORIGINAL ID ----->	036S606E05		036S606N04		036S606N05		036S606S04		036S606S05		036S606W04	
	LAB SAMPLE ID --->	718242		714497		718264		714515		718246		714524	
	ID FROM REPORT -->	036S606E05		036S606N04		036S606N05		036S606S04		036S606S05		036S606W04	
	SAMPLE DATE ----->	05/15/95		05/08/95		05/15/95		05/08/95		05/15/95		05/08/95	
	MATRIX ---------->	sail		soi1		Soil		Soil		sai1		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL
57-12-5	Cyanide (CN)	NR		NR		NR		NR		NR		NR	
7439-97-6	Mercury (Hg)	NR		NR		NR		NR		NR		NR	
7429-90-5	Aluminum (Al)	NR		NR		NR		NR		NR		NR	
7440-36-0	Antimony (Sb)	NR		NR		NR		NR		NR		NR	
7440-38-2	Arsenic (As)	NR		NR		NR		NR		NR		NR	
7440-39-3	Barium (Ba)	NR		NR		NR		NR		NR		NR	
7440-41-7	Beryllium (Be)	NR		NR		NR		NR		NR		NR	
7440-43-9	Cadmium (Cd)	NR		NR		NR		NR		NR		NR	
7440-70-2	Calcium (Ca)	NR		NR		NR		NR		NR		NR	
7440-47-3	Chromium (Cr)	NR		NR		NR		NR		NR		NR	
7440-48-4	Cobalt (Co)	NR		NR		NR		NR		NR		NR	
7440-50-8	Copper (Cu)	NR		NR		NR		NR		NR		NR	
7439-89-6	Iron (Fe)	NR		NR		NR		NR		NR		NR	
7439-92-1	Lead (Pb)	NR		NR		NR		NR		NR		NR	
7439-95-4	Magnesium (Mg)	NR		NR		NR		NR		NR		NR	
7439-96-5	Manganese (Mn)	NR		NR		NR		NR		NR		NR	
7440-02-0	Nickel (Ni)	NR		NR		NR		NR		NR		NR	
7440-09-7	Potassium (K)	NR		NR		NR		NR		NR		NR	
7782-49-2	Selenium (Se)	NR		NR		NR		NR		NR		NR	
7440-22-4	Silver (Ag)	NR		NR		NR		NR		NR		WR	
7440-23-5	Sodium (Na)	NR		NR		NR		NR		NR		NR	
7440-28-0	Thallium (Tl)	NR		NR		NR		NR		NR		WR	
7440-62-2	Vanadium (V)	NR		NR		NR		NR		NR		NR	
7440-66-6	Zinc (Zn)	NR		NR		NR		NR		NR		NR	
AL	Aluminum	1190.	J	561.	J	293.	J	424.	J	1040.	J	66.9	U
SB	Antimony	0.4	UJ	0.43	UJ	0.4	UJ	0.42	UJ	0.4	UJ	0.46	UJ
AS	Arsenic	0.67	U	1.9	J	0.68	U	0.7	U	0.68	U	0.77	U
BA	Barium	35	J	4.8	J	2.6	J	38.6	J	4.9	J	1.4	J
BE	Beryllium	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.05	U
CD	Cadmium	0.06	U	0.19	J	0.06	U	0.07	U	0.06	U	0.61	J
CA	Calcium	174.	J	249.	J	184.	J	391.	J	207.	J	84.5	J
CR	Chromium	13	J	2.5		1.5	J	1.5	J	15	J	0.5	J
CO	Cobalt	0.13	J	0.13	U	0.13	U	0.15	J	0.18	J	0.14	U
CU	Copper	7.7		8.		6.2		8.5		3.7	J	5210.	
FE	Iron	958.	J	645.	J	643.	J	885.	J	946.	J	279.	J
PB	Lead	22.6	J	87.2	J	42.b	J	170.	J	28.8	J	46.7	J
MG	Magnesium	36.7	J	21.8	U	14.6	U	29.2	U	95.6	J	12.9	U
MN	Manganese	7.		16.		7.8		23.2		10.		6.9	

*** Validation Complete ***

METAL													
		SAMPLE ID -------->	036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05		036-S-606W-04	
		ORIGINAL ID ----->	036S606E05		036S606N04		036S606N05		036S606S04		036S606S05		036S606W04	
		LAB SAMPLE ID --->	718242		714497		718244		714515		718246		714524	
		ID FROM REPORT -->	036S606E05		036S606N04		036S606N05		036S606S04		036S606S05		036S606W04	
		SAMPLE DATE ----->	05/15/95		05/08/95		05/15/95		05/08/95		05/15/95		05/08/95	
		MATRIX ---------->	soil		Soil		Soil		soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL
HG	Mercury		0.27		0.18		0.11	U	0.14		0.11	U	0.48	
NI	Nickel		0.29	U	0.31	U	0.3	U	0.31	U	0.3	U	0.34	U
K	Potassium		24.8	J	19.1	J	18.2	J	22.2	J	35.	J	9.1	J
SE	Selenium		0.92	U	0.99	U	0.93	U	0.96	U	0.94	U	1.1	U
AG	Silver		0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ	1.6	J
NA	Sodium		102.	J	134.	J	101.	J	161.	J	117.	J	158.	J
TL	Thallium		0.94	U	1.	U	0.95	U	0.98	U	0.96	U	1.1	U
V	Vanadium		2.1	J	1.2	J	0.69	J	0.89	J	2.1	J	0.22	J
ZN	Zinc		14.6		44.8		9.7		79.6		15.		274.	
CN	Cyanide		0.52	U	0.56	U	0.53	U	0.55	U	0.53	U	0.6	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL													
		SAMPLE ID ------->	036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03		036-S-627s-03	
		ORIGINAL ID ----->	036S606W05		036S627E02		036S627E03		036S627N02		036S627N03		036S627S03	
		LAB SAMPLE ID --->	718250		714481		720398		714471		720404		720410	
		ID FROM REPORT -->	036S606W05		036S627E02		036S627E03		036S627N02		036S627N03		036S627S03	
		SAMPLE DATE ----->	05/15/95		05/08/95		05/19/95		05/08/95		05/19/95			
		MATRIX ---------->	Soil		Soil		Soil		Soil		Sof 1		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL
57-12-5	Cyanide (CN)		NR		NR		NR		NR		NR		NR	
7439-97-6	Mercury (Hg)		NR		NR		NR		NR		NR		NR	
7429-90-5	Aluminum (Al)		NR		NR		NR		NR		NR		NR	
7440-36-0	Antimony (Sb)		NR		NR		NR		NR		NR		NR	
7440-38-2	Arsenic (As)		NR		NR		NR		NR		NR		NR	
7440-39-3	Barium (Ba)		NR		NR		NR		NR		NR		NR	
7440-41-7	Beryllium (Be)		NR		NR		NR		NR		NR		NR	
7440-43-9	Cadmium (Cd)		NR		NR		NR		NR		NR		NR	
7440-70-2	Calcium (Ca)		NR		NR		NR		NR		NR		NR	
7440-47-3	Chromium (Cr)		NR		NR		NR		NR		NR		NR	
7440-48-4	Cobalt (Co)		NR		NR		NR		NR		NR		NR	
7440-50-8	Copper (Cu)		NR		NR		NR		NR		NR		NR	
7439-89-6	Iron (Fe)		NR		NR		NR		NR		NR		NR	
7439-92-1	Lead (Pb)		NR		WR		NR		NR		NR		NR	
7439-95-4	Magnesium (Mg)		NR		NR		NR		NR		NR		NR	
7439-96-5	Manganese (Mn)		NR		NR		NR		NR		NR		NR	
7440-02-0	Nickel (Ni)		NR		NR		NR		NR		NR		NR	
7440-09-7	Potassium (K)		NR		NR		NR		NR		NR		NR	
7782-49-2	Selenium (Se)		NR		NR		NR		NR		NR		NR	
7440-22-4	Silver (Ag)		NR		NR		NR		NR		NR		NR	
7440-23-5	Sodium (Na)		NR		NR		NR		NR		NR		NR	
7440-28-0	Thallium (Tl)		NR		NR		NR		NR		NR		NR	
7440-62-2	Vanadium (V)		NR		NR		NR		NR		NR		NR	
7440-66-6	Zinc (Zn)		NR		NR		NR		NR		NR		NR	
AL	Aluminum		2850.	J	155.	J	2450.	J	408.	J	560.	J	806.	J
SB	Antimony		0.4	UJ	0.41	UJ	0.41	UJ	0.42	UJ	0.39	UJ	0.42	J
AS	Arsenic		0.68	J	0.7	U	0.69	U	0.7	U	0.66	U	0.7	U
BA	Barium		3.7	J	12.3	J	21.2	J	306.		49	J	22.8	J
BE	Beryllium		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
CD	Cadmium		0.06	U	0.07	U	0.08	J	0.07	U	0.06	U	0.07	J
CA	Calcium		469.	J	389.	J	601.	J	1370.		210.	J	877.	J
CR	Chromium		2.5		0.47	J	2.7		24		0.85	J	1.5	J
CO	Cobalt		0.18	J	0.13	U	0.61	J	0.42	J	0.14	J	0.33	J
CU	Copper		3.3	J	3.7	J	25.9		16.		9.6		33.1	
FE	Iron		1720.	J	194.	J	2490.	J	4530.	J	913.	J	1220.	J
PB	Lead		17.1	J	42.4	J	69.5	J	300.	J	22.4	J	122.	J
MG	Magnesium		66.6	J	68.1	J	84.2	J	126.	J	44.8	J	132.	J
MN	Manganese		19.7		6.9		86.		44.5		8.7		16.6	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL															
		SAMPLE ID ------->	036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03		036-S-627S-03		
		ORIGINAL ID ----->	036S606W05		036S627E02		036S627E03		036S627N02		036S627N03		036S627S03		
		LAB SAMPLE ID --->	718250		714481		720398		714471		720404		720410		
		ID FROM REPORT -->	036S606W05		036S627E02		036S627E03		036S627N02		0365627103		036S627S03		
		SAMPLE DATE ----->	05/15/95		05/08/95		05/19/95		05/08/95		05/19/95				
		MATRIX ---------->	soil		Soil		Soil		Soil		Soil		Soil		
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		
CAS #	Parameter		06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	
			0.1	U	0.11	U	0.11	U	0.24		0.1	U	0.14		
			0.29	U	3.8	J	1.2	U	0.31	U	0.34	U	0.38	U	
			31.2	J	50.9	J	138.	J	31.5	J	60.8	J	72.9	J	
			0.92	U	0.96	U	0.94	U	0.96	U	0.91	U	0.96	U	
			0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.1	UJ	0.11	UJ	
N			93.9	J	138.	J	146.	J	183.	J	137.	J	142.	J	
-			0.94	U	0.98	U	0.96	U	0.99	U	0.93	U	0.98	U	
			4.4	J	0.28	J	4.3	J	1.2	J	1.3	J	2.	J	
			13.8		29.9		52.7		245.		18.2		103.		
CN	Cyanide		0.52	U	0.55	U	NR		0.55	U	0.52	U	0.55	U	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL													
	SAMPLE ID ------->	036-S-6273-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04		036-S-E003-04	
	ORIGINAL ID ----->	036S627S03		036S627W02		036S627W03		036E000101		036E000201		036E000301	
	LAB SAMPLE ID --->	714483		716544		720416		951098-13		951098-16		951098-14	
	ID FROM REPORT -->	036S627S03		036S627W02		036S627W03		036E000101		036E000201		036E000301	
	SAMPLE DATE ----->	05/08/95		05/08/95		05/19/95		12/29/95		01/02/96		12/29/95	
	DATE EXTRACTED -->							01/09/96		01/09/96		01/09/96	
	DATE ANALYZED --->							01/10/96		01/10/96		01/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	0659634	VAL	06596M	VAL	06596M	VAL	034S11	VAL	034511	VAL	034S11	VAL
57-12-5	Cyanide (CN)	NR		NR		WR		0.5	U	0.51	U	0.5	U
7439-97-6	Mercury (Hg)	NR		NR		NR		0.04	U	0.04	U	0.05	U
7429-90-5	Aluminum (Al)	NR		NR		NR		64.4		2140.		3320.	
7440-36-0	Antimony (Sb)	NR		NR		NR		0.1	UJ	0.11	UJ	0.11	UJ
7440-38-2	Arsenic (As)	NR		NR		NR		0.1	UJ	0.36	J	0.59	J
7440-39-3	Barium (Ba)	NR		NR		NR		0.49	J	3.	J	3.1	J
7440-41-7	Beryllium (Be)	NR		NR		NR		0.05	U	0.05	U	0.05	U
7440-43-9	Cadmium (Cd)	NR		NR		NR		0.16	UJ	0.16	UJ	0.16	UJ
7440-70-2	Calcium (Ca)	NR		NR		NR		66.	J	995.	J	8660.	J
7440-47-3	Chromium (Cr)	NR		YR		NR		0.41	U	2.6		2.7	
7440-48-4	Cobalt (Co)	NR		NR		NR		0.16	U	0.25	J	0.19	J
7440-50-8	Copper (Cu)	NR		NR		NR		0.21	U	2.6		25	
7439-89-6	Iron (Fe)	NR		NR		NR		66.5	J	1050.	J	1620.	J
7439-92-1	Lead (Pb)	NR		WR		NR		1.2		27.1		26.4	
7439-95-4	Magnesium (Mg)	NR		NR		NR		8.	J	30.2	J	89.4	J
7439-96-5	Manganese (Mn)	NR		NR		NR		4.4	J	39.4	J	22.	J
7440-02-0	Nickel (Ni)	NR		NR		NR		0.62	U	0.87	J	0.89	J
7440-09-7	Potassium (K)	NR		NR		NR		5.	UJ	9.8	J	15.8	J
7782-49-2	Selenium (Se)	NR		NR		NR		0.16	U	0.16	U	0.16	U
7440-22-4	Silver (Ag)	NR		NR		NR		0.21	U	0.21	U	0.22	U
7440-23-5	Sodium (Na)	NR		NR		NR		24	U	13.	U	67.3	J
7440-28-0	Thallium (Tl)	NR		NR		NR		0.16	U	0.16	U	0.16	U
7440-62-2	Vanadium (V)	NR		NR		NR		0.2	J	3.1	J	45	J
7440-66-6	Zinc (Zn)	NR		NR		NR		2.4		7.8		8.8	
AL	Aluminum	1460.	J	367.	J	583.	J	NR		NR		NR	
SB	Antimony	23.3		0.41	UJ	0.4	UJ	NR		NR		NR	
AS	Arsenic	4.9		0.7	U	0.99	J	NR		NR		NR	
BA	Barium	277.		66.6		8.7	J	NR		NR		NR	
BE	Beryllium	0.05	U	0.04	U	0.04	U	NR		NR		NR	
CD	Cadmium	0.83	J	0.34	J	0.06	U	NR		NR		NR	
CA	Calcium	1320.		525.	J	606.	J	NR		NR		WR	
CR	Chromium	58		7.4		1.1	J	NR		NR		NR	
CO	Cobalt	0.48	J	0.13	U	0.35	J	NR		NR		NR	
CU	Copper	11.1		26.8		20.6		NR		NR		NR	
FE	Iron	12200.	J	495.	J	1510.	J	NR		NR		NR	
PB	Lead	1960.	J	231.	J	61.2	J	NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

METAL													
	SAMPLE ID ------->	036-S-627s-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04		036-S-E003-04	
	ORIGINAL ID ----->	036S627S03		036S627W02		036S627W03		036E000101		036E000201		036E000301	
	LAB SAMPLE ID --->	714483		714544		720416		951098-13		951098-16		951098-14	
	ID FROM REPORT -->	036S627S03		036S627W02		036S627W03		036E000101		036E000201		036E000301	
	SAMPLE DATE ----->	65/08/95		05/08/95		05/19/95		12/29/95		01/02/96		12/29/95	
	DATE EXTRACTED -->							01/09/96		01/09/96		01/09/96	
	DATE ANALYZED --->							01/10/96		01/10/96		01/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	034S11	VAL	034S11	VAL	034S11	VAL
MG	Magnesium	115.	J	50.6	J	49.	J	NR		NR		NR	
MN	Manganese	42.		6.4		19.4		NR		NR		NR	
HG	Mercury	0.12	U	0.2		0.1	U	NR		NR		NR	
NI	Nickel	0.32	U	0.3	U	0.9	U	NR		NR		NR	
K	Potassium	54.5	J	26.5	J	38.3	J	NR		NR		NR	
SE	Selenium	1.	U	0.96	U	0.92	U	NR		NR		NR	
AG	Silver	0.12	UJ	0.11	UJ	0.1	UJ	NR		NR		NR	
NA	Sodium	182.	J	160.	J	134.	J	NR		NR		NR	
TL	Thallium	1.	U	0.98	U	0.94	U	NR		NR		NR	
V	Vanadium	4.6	J	1.1	J	1.5	J	NR		NR		NR	
ZN	Zinc	247.		46.4		42.4		NR		NR		NR	
CN	Cyanide	0.58	U	0.44	U	0.52	U	NR		NR		NR	

+ Validation Complete ***

METAL			
	SAMPLE ID ------->	036-S-E004-04	
	ORIGINAL ID ----->	036E000401	
	LAB SAMPLE ID --->	951098-15	
	ID FROM REPORT -->	036E000401	
	SAMPLE DATE ----->	01/02/96	
	DATE EXTRACTED -->	01/09/96	
	DATE ANALYZED --->	01/10/96	
	MATRIX ---------->	Soil	
	UNITS ---------->	MG/KG	
CAS #	Parameter	034S11	VAL
57-12-5	Cyanide (CN)	0.51	U
7439-97-6	Mercury (Hg)	0.04	U
7429-90-5	Aluminum (Al)	2480.	
7440-36-0	Antimony (Sb)	0.11	UJ
7440-38-2	Arsenic (As)	0.52	J
7440-39-3	Barium (Ba)	2.5	J
7440-41-7	Beryllium (Be)	0.06	U
7440-43-9	Cadmium (Cd)	0.17	UJ
7440-70-2	Calcium (Ca)	253.	J
7440-47-3	Chromium (Cr)	2.	
7440-48-4	Cobalt (Co)	0.24	J
7440-50-8	Copper (Cu)	1.5	
7439-89-6	Iron (Fe)	1240.	J
7439-92-1	Lead (Pb)	15.5	
7439-95-4	Magnesium (Mg)	25.7	J
7439-96-5	Manganese (Mn)	22.1	J
7440-02-0	Nickel (Ni)	1.3	J
7440-09-7	Potassium (K)	15.3	J
7782-49-2	Selenium (Se)	0.17	U
7440-22-4	Silver (Ag)	0.23	U
7440-23-5	Sodium (Na)	5.8	U
7440-28-0	Thallium (Tl)	0.17	U
7440-62-2	Vanadium (V)	3.4	J
7440-66-6	Zinc (Zn)	4.2	
AL	Aluminum	NR	
SB	Antimony	NR	
AS	Arsenic	NR	
BA	Barium	NR	
BE	Beryllium	NR	
CD	Cadmium	NR	
CA	Calcium	NR	
CR	Chromium	NR	
CO	Cobalt	NR	
CU	Copper	NR	
FE	Iron	NR	
PB	Lead	NR	

*** Validation Complete ***

METAL

SAMPLE ID ------->	036-S-E004-04
ORIGINAL ID ----->	036E000401
LAB SAMPLE ID --->	951098-15
ID FROM REPORT -->	036E000401
SAMPLE DATE ----->	01/02/96
DATE EXTRACTED -->	01/09/96
DATE ANALYZED --->	01/10f96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	034$11 VAL
MG	Magnesium	NR
MN	Manganese	NR
HG	Mercury	NR
NI	Nickel	NR
K	Potassium	NR
SE	Selenium	NR
AG	Silver	NR
NA	Sodium	NR
TL	Thallium	NR
V	Vanadium	NR
ZN	Zinc	NR
CN	Cyanide	NR

*** Validation Complete *+*

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

PEST															
	SAMPLE ID ------->	034-S-1101-01		034-S-1201-01		034-S-1301-01		034-S-1401-01		034-S-1501-01		036-S-606E-04	
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101		036S606E04	
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05		714501	
	ID FROM REPORT -->	034S110101		034S120101		034S130101		034S140101		034S150101		36S606E04	
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95		05/08/95	
	DATE EXTRACTED -->	01/07/96		01/07/96		01/07/96		01/07/96		01/07/96		05/15/95	
	DATE ANALYZED --->	01/27/96		01/31/96		01/31/96		01/31/96		01/31/96		05/26/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	00006	VAL
12674-11-2	Aroclor-1016	3.5	U	17.	U	3.4	U	17.	U	3.3	U	39.	U
11104-28-2	Aroclor-1221	7.1	U	35.	U	6.9	U	35.	U	6.8	U	79.	U
11141-16-5	Aroclor-1232	3.5	U	17.	U	3.4	U	17.	U	3.3	U	39.	U
53469-21-9	Aroclor-1242	3.5	U	17.	U	3.4	U	17.	U	3.3	U	39.	U
12672-29-6	Aroclor-1248	3.5	U	17.	U	3.4	U	17.	U	3.3	U	39.	U
11097-69-1	Aroclor-1254	2.4	J	17.	U	3.4	U	17.	U	7.	U	39.	U
11096-82-5	Aroclor-1260	3.5	U	17.	U	3.4	U	17.	U	3.3	U	39.	U
72-54-8	4,4'-DDD	2.4		2.		2.		1.3		0.17	U	3.9	U
72-55-9	4,4'-DDE	0.4		0.88	U	0.17	U	0.88	U	0.17	U	3.9	U
50-29-3	4,4'-DDT	0.89		0.88	U	0.84		0.6	J	0.82		3.9	U
309-00-2	Aldrin	0.088	U	0.43	U	0.085	U	0.43	U	0.52	J	0.0%	J
60-57-1	Dieldrin	1.8		1.7		2.4		4.3		0.84	J	3.9	U
959-98-8	Endosulfan I	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U	2.	U
33213-65-9	Endosulfan II	0.18	U	0.88	U	0.17	U	0.88	U	0.48		3.9	U
1031-07-8	Endosulfan sulfate	0.18	U	0.88	U	0.17	U	0.88	U	0.17	U	3.9	U
72-20-8	Endrin	0.18	U	0.88	U	0.17	U	0.88	U	0.17	U	3.9	U
7421-93-4	Endrin aldehyde	0.18	U	0.88	U	0.17	U	0.88	U	0.17	U	3.9	U
53494-70-5	Endrin ketone	0.18	U	0.88	U	0.17	U	0.88	U	0.34	J	3.9	U
76-44-8	Heptachlor	0.088	U	24.		6.3		0.43	U	0.29	J	2.	U
1024-57-3	Heptachlor epoxide	0.088	U	12.		6.		0.43	U	0.33	J	2.	U
72-43-5	Methoxychlor	0.36	J	4.3	U	0.85	U	4.3	U	0.84	U	3.9	U
8001-35-2	Toxaphene	18.	U	88.	U	17.	U	88.	U	17.	U	200.	U
319-84-6	alpha-BHC	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U	2.	U
5103-71-9	alpha-Chlordane	0.2	U	2.3		1.9	J	0.39	J	0.2	U	2.	U
319-85-7	beta-BHC	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U	2	U
319-86-8	delta-BHC	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U	2.	U
58-89-9	gamma-BHC (Lindane)	0.088	U	0.43	U	0.085	U	0.43	U	0.084	U	2.	U
5103-74-2	gamma-Chlordane	0.18		30.		16.		4.8		0.74		2.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

PEST													
	SAMPLE ID ------->	036-S-606E-05		036-S-606E-05		036-S-6061-04		036-S-606N-05		036-S-6061-05		036-S-606S-04	
	ORIGINAL ID ----->	036S606E05		036S606E05		036S606N04		036S606N05		036S606N05		036S606S04	
	LAB SAMPLE ID --->	718241		731585		714492		718243		731586		716513	
	ID FROM REPORT -->	36S606E05		036S606E05		36S606N04		36S606N05		036S606N05		36S606S04	
	SAMPLE DATE ----->	05/15/95		06/14/95		05/08/95		05/15/95		06/14/95		05/08/95	
	DATE EXTRACTED -->	06/10/95		06/15/95		05/15/95		06/10/95		06/15/95		05/15/95	
	DATE ANALYZED --->	06/19/95		06/17/95		05/26/95		06/19/95		06/17/95		05/26/95	
	MATRIX ---------->	Soil		soil		soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00008	VAL	00006	VAL	00006	VAL	00008	VAL	00006	VAL
12674-11-2	Aroclor-1016	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U	36.	U
11104-28-2	Aroclor-1221	70.	UJ	68.	U	75.	UJ	71.	UJ	68.	U	73.	U
11141-16-5	Aroclor-1232	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U	36.	U
53469-21-9	Aroclor-1242	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U	36.	U
12672-29-6	Aroclor-1248	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U	36.	U
11097-69-1	Aroclor-1254	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U	36.	U
11096-82-5	Aroclor-1260	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U	36.	U
72-54-8	4,4'-DDD	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U	3.6	U
72-55-9	4,4'-DDE	0.12	J	3.3	U	3.7	UJ	0.096	J	3.3	U	3.6	U
50-29-3	4,4'-DDT	3.4	UJ	0.22	J	3.7	UJ	3.5	UJ	0.17	J	3.6	U
309-00-2	Aldrin	1.8	UJ	1.7	U	1.9	UJ	0.047	J	1.7	U	0.12	J
60-57-1	Dieldrin	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U	3.6	U
959-98-8	Endosulfan I	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U	1.9	U
33213-65-9	Endosulfan II	3.4	UJ	0.26	J	3.7	UJ	0.11	J	3.3	U	3.6	U
1031-07-8	Endosulfan sulfate	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U	3.6	U
72-20-8	Endrin	3.4	UJ	0.64	J	3.7	UJ	3.5	UJ	3.3	U	3.6	U
7421-93-4	Endrin aldehyde	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U	3.6	U
53494-70-5	Endrin ketone	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U	3.6	U
76-44-8	Heptachlor	0.12	J	1.7	U	1.9	UJ	1.8	UJ	1.7	U	1.9	U
1024-57-3	Heptachlor epoxide	1.8	UJ	0.12	J	1.9	UJ	1.8	UJ	1.7	U	1.9	U
72-43-5	Methoxychlor	18.	UJ	0.97	J	19.	UJ	18.	UJ	17.	U	19.	U
8001-35-2	Toxaphene	180.	UJ	170.	U	190.	UJ	180.	UJ	170.	U	190.	U
319-84-6	alpha-BHC	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U	1.9	U
5103-71-9	alpha-Chlordane	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U	1.9	U
319-85-7	beta-BHC	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U	1.9	U
319-86-8	delta-BHC	1.8	UJ	0.17	J	1.9	UJ	1.8	UJ	0.31	J	1.9	U
58-89-9	gamma-BHC (Lindane)	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U	1.9	U
5103-74-2	gamma-Chlordane	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U	1.9	U

*** validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

PEST													
	SAMPLE ID ------->	036-S-606S-05		036-S-606S-05		036-S-606W-04		036-S-606W-05		036-S-606W-05		036-S-627E-02	
	ORIGINAL ID ----->	036S606S05		036S606S05		036S606W04		036S606W05		036S606W05		036S627E02	
	LAB SAMPLE ID --->	718245		731587		714516		718249		731588		714479	
	ID FROM REPORT -->	36S606S05		036S606S05		36S606W04		36S606W05		036S606W05		36S627E02	
	SAMPLE DATE ----->	05/15/95		06/14/95		05/08/95		05/15/95		06/14/95		05/08/95	
	DATE EXTRACTED -->	06/10/95		06/15/95		05/15/95		06/10/95		06/15/95		05/15/95	
	DATE ANALYZED --->	06/19/95		06/17/95		05/26/95		06/19/95		06/17/95		05/26/95	
	MATRIX ---------->	Soil		soil		soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00008	VAL	00006	VAL	00006	VAL	00008	VAL	00006	VAL
12674-11-2	Aroclor-1016	35.	UJ	33.	U	40.	U	35.	UJ	33.	U	36.	U
11104-28-2	Aroclor-1221	72.	UJ	68.	U	81.	U	71.	UJ	68.	U	73.	U
11141-16-5	Aroclor-1232	35.	UJ	33.	U	40.	U	35.	UJ	33.	U	36.	U
53469-21-9	Aroclor-1242	35.	UJ	33.	U	40.	U	35.	UJ	33.	U	36.	U
12672-29-6	Aroclor-1248	35.	UJ	33.	U	40.	U	35.	UJ	33.	U	36.	U
11097-69-1	Aroclor-1254	35.	UJ	33.	U	40.	U	35.	UJ	33.	U	36.	U
11096-82-5	Aroclor-1260	35.	UJ	33.	U	40.	U	35.	UJ	33.	U	36.	U
72-54-8	4,4'-DDD	3.5	UJ	3.3	U	4.	U	3.5	UJ	0.18	J	3.6	U
72-55-9	4,4'-DDE	3.5	UJ	3.3	U	4.	U	3.5	UJ	3.3	U	3.6	U
50-29-3	4,4'-DDT	3.5	Ud	3.3	U	4.	U	0.33	J	3.3	U	3.6	U
309-00-2	Aldrin	1.8	UJ	1.7	U	0.23	J	1.8	UJ	1.7	U	1.8	U
60-57-1	Dieldrin	3.5	UJ	3.3	U	4.	U	3.5	UJ	3.3	U	3.6	U
959-98-8	Endosulfan I	1.8	UJ	1.7	U	2.	U	0.092	J	1.7	U	1.8	U
33213-65-9	Endosulfan II	3.5	UJ	3.3	U	4.	U	3.5	UJ	0.24	J	3.6	U
1031-07-8	Endosulfan sulfate	3.5	UJ	3.3	U	4.	U	3.5	UJ	3.3	U	3.6	U
72-20-8	Endrin	3.5	UJ	3.3	U	4.	U	3.5	UJ	1.	J	3.6	U
7421-93-4	Endrin aldehyde	0.21.	J	3.3	U	4.	U	3.5	UJ	3.3	U	3.6	U
53494-70-5	Endrin ketone	3.5	UJ	3.3	U	4.	U	0.41	J	3.3	U	3.6	U
76-44-8	Heptachlor	0.087	J	1.7	U	2.	U	0.11	J	1.7	U	1.8	U
1024-57-3	Heptachlor epoxide	1.8	UJ	1.7	U	2.	U	1.8	UJ	0.24	J	1.8	U
72-43-5	Methoxychlor	18.	UJ	17.	U	20.	U	4.3	J	1.2	J	18.	U
8001-35-2	Toxaphene	180.	UJ	170.	U	200.	U	180.	UJ	170.	U	180.	U
319-84-6	alpha-BHC	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U	1.8	U
5103-71-9	alpha-Chlordane	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U	1.8	U
319-85-7	beta-BHC	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U	1.8	U
319-86-8	delta-BHC	1.8	UJ	1.7	U	2.	U	1.8	UJ	0.46	d	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U	1.8	U
5103-74-2	gamma-Chlordane	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

PEST													
	SAMPLE ID ------->	036-S-627E-03		036-S-627N-02		036-S-627N-03		036-S-627S-03		036-S-627S-03		036-S-627W-02	
	ORIGINAL ID ----->	036S627E03		036S627N02		036S627N03		36S627S03		036S627S03		036S627W02	
	LAB SAMPLE ID --->	720397		714459		720401		714482		720406		714485	
	ID FROM REPORT -->	36S627E03		36S627N02		36S627N03		36S627S03		36S622S03		36S627W02	
	SAMPLE DATE ----->	05/19/95		05/08/95		05/19/95		05/08/95		05/19/95		05/08/95	
	DATE EXTRACTED -->	05/30/95		05/15/95		05/30/95		05/15/95		05/30/95		05/ 15/95	
	DATE ANALYZED --->	06/17/95		05/26/95		06/20/95		05/26/95		06/20/95		05/26/95	
	MATRIX ---------->	soil		soil		soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
12674-11-2	Aroclor-1016	36.	U	36.	U	34.	U	38.	U	35.	U	35.	U
11104-28-2	Aroclor-1221	73.	U	74.	U	69.	U	77.	U	72.	U	72.	U
11141-16-5	Aroclor-1232	36.	U	36.	U	34.	U	38.	U	35.	U	35.	U
53469-21-9	Aroclor-1242	36.	U	36.	U	34.	U	38.	U	35.	U	35.	U
12672-29-6	Aroclor-1248	36.	U	36.	U	34.	U	38.	U	35.	U	35.	U
11097-69-1	Aroclor-1254	36.	U	36.	U	34.	U	38.	U	35.	U	35.	U
11096-82-5	Aroclor-1260	36.	U	36.	U	34.	U	38.	U	35.	U	8.	J
72-54-8	4,4'-DDD	3.6	U	3.6	U	3.4	U	6.5		3.5	U	3.5	U
72-55-9	4,4'-DDE	3.6	U	3.6	U	3.4	U	2.	J	3.5	U	0.1	J
50-29-3	4,4'-DDT	3.6	U	0.61	J	3.4	U	0.74	J	3.5	U	0.39	J
309-00-2	Aldrin	1.8	U	1.9	U	1.8	U	1.9	U	0.44	J	1.8	U
60-57-1	Dieldrin	3.6	U	3.6	U	3.4	U	3.8	U	3.5	U	3.5	U
959-98-8	Endosulfan I	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U	1.8	U
33213-65-9	Endosulfan II	3.6	U	3.6	U	3.4	U	3.8	U	3.1	U	3.5	U
1031-07-8	Endosulfan sulfate	0.66	J	3.6	U	3.4	U	3.8	U	1.4	J	3.5	U
72-20-8	Endrin	3.6	U	0.33	J	3.4	U	3.8	U	3.5	U	3.5	U
7421-93-4	Endrin aldehyde	3.6	U	3.6	U	3.4	U	3.8	U	3.5	U	3.5	U
53494-70-5	Endrin ketone	0.45	J	3.6	U	3.4	U	3.8	U	0.17	J	3.5	U
76-44-8	Heptachlor	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U	1.8	U
72-43-5	Methoxychlor	0.58	J	19.	U	18.	U	1.9	U	0.64	J	1.8	U
8001-35-2	Toxaphene	180.	U	190.	U	180.	U	190.	U	180.	U	180.	U
319-84-6	alpha-BHC	0.054	J	1.9	U	1.8	U	1.9	U	1.8	U	1.8	U
5103-71-9	alpha-Chlordane	1.8	U	0.18	J	1.8	U	0.1	J	1.8	U	1.8	U
319-85-7	beta-BHC	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U	1.8	U
319-86-8	delta-BHC	1.8	U	1.9	U	1.8	U	1.9	U	1.6	U	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	1.8	U	0.071	J	0.075	J	0.21	J	1.8	U	0.099	J

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

PEST													
	SAMPLE ID ------->	036-S-627W-03		036-S-E001-04		036-S-E002-04		036-S-E003-04		036-S-E004-04		098-0-0005-01	
	ORIGINAL ID ----->	036S627W03		036E000101		036E000201		036E000301		036E000401		0980000501	
	LAB SAMPLE ID --->	720413		951098-13		951098-16		951098-14		951098-15		951098-07	
	ID FROM REPORT -->	36S627W03		036E000101		036E000201		036E000301		036E000401		0980000501	
	SAMPLE DATE ----->	05/19/95		12/29/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	05/30/95		01/07/96		01/07/96		01/07/96		01/07/96		01/07/96	
	DATE ANALYZED --->	06/20/95		01/27/96		01/31/96		01/31/96		01/31/96		01/27/96	
	MATRIX ---------->	Soil		soil		soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
12674-11-2	Aroclor-1016	35.	U	3.9	U	3.4	U	3.5	U	4.	U	3.6	U
11104-28-2	Aroclor-1221	70.	U	8.	U	7.	U	7.	U	8.	U	7.3	U
11141-16-5	Aroclor-1232	35.	U	3.9	U	3.4	U	3.5	U	4.	U	3.6	U
53469-21-9	Aroclor-1242	35.	U	3.9	U	3.4	U	3.5	U	4.	U	3.6	U
12672-29-6	Aroclor-1248	35.	U	3.9	U	3.4	U	3.5	U	4.	U	3.6	U
11097-69-1	Aroclor-1254	35.	U	3.9	U	3.4	U	12.		4.	U	3.6	U
11096-82-5	Aroclor-1260	35.	U	3.9	U	3.4	U	3.5	U	4.	U	3.6	U
72-54-8	4,4'-DDD	3.5	U	0.69		1.2	J	0.18	U	0.2	U	29.	
72-55-9	4,4'-DDE	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U	3.1	
50-29-3	4,4'-DDT	3.5	U	0.27		0.71	J	0.23	J	0.2	U	10.	
309-00-2	Aldrin	0.57	J	0.099	U	0.086	U	0.087	U	0.1	U	0.09	U
60-57-1	Dieldrin	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U	1.9	
959-98-8	Endosulfan I	1.8	U	0.39	J	0.086	U	0.087	U	0.1	U	0.09	U
33213-65-9	Endosulfan II	3.5	U	0.2	U	0.18	U	0.18	U	0.22		0.18	U
1031-07-8	Endosulfan sulfate	0.69	J	0.2	U	0.18	U	0.18	U	0.2	U	0.18	U
72-20-8	Endrin	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U	0.3	U
7421-93-4	Endrin aldehyde	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U	0.18	U
53494-70-5	Endrin ketone	3.5	U	0.2	U	0.16	J	0.18	U	0.2	U	0.6	
76-44-8	Heptachlor	1.8	U	0.099	U	0.54	J	0.087	U	0.1	U	0.09	U
1024-57-3	Heptachlor epoxide	1.8	U	0.099	U	2.9	J	0.27	J	0.1	U	0.09	U
72-43-5	Methoxychlor	1.8	U	0.99	U	0.86	U	0.87	U	1.	U	2.5	
8001-35-2	Toxaphene	180.	U	20.	U	18.	U	18.	U	20.	U	18.	U
319-84-6	alpha-BHC	1.8	U	0.099	U	0.086	U	0.087	U	0.1	U	0.09	U
5103-71-9	alpha-Chlordane	1.8	U	0.099	U	1.	J	0.087	U	0.1	U	1.1	J
319-85-7	beta-BHC	1.8	U	0.099	U	0.086	U	0.087	U	0.1	U	0.09	U
319-86-8	delta-BHC	0.29	J	0.099	U	0.086	U	0.087	U	0.1	U	0.09	U
58-89-9	gamma-BHC (Lindane)	1.8	U	0.099	U	0.086	U	0.087	U	0.1	U	0.09	U
5103-74-2	gamma-Chlordane	0.17	J	0.099	U	6.9	J	0.1	U	0.1	U	1.1	J

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA													
	SAMPLE ID ------->	034-S-1101-01		034-S-1201-01		034-S-1301-01		034-S-1401-01		034-S-1501-01		036-S-606E-04	
	ORIGINAL ID ----->	034S110101		034S120101		034S130101		034S140101		034S150101		036S606E04	
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05		714501	
	ID FROM REPORT -->	034S110101		034S120101		0349130101		034S140101		034S150101		36S606E04	
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95		05/08/95	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96		05/16/95	
	DATE ANALYZED --->	01/22/96		01/13/96		01/13/96		01/13/96		01/15/96		05/23/95	
	MATRIX ---------->	soil		soil		soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034SII	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	00006	VAL
120-82-1	1,2,4-Trichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
95-50-1	1,2-Dichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
541-73-1	1,3-Dichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
106-46-7	1,4-Dichlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
95-95-4	2,4,5-Trichlorophenol	850.	U	810.	U	810.	U	830.	U	820.	U	970.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
120-83-2	2,4-Dichlorophenol	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
105-67-9	2,4-Dimethylphenol	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
51-28-5	2,4-Dinitrophenol	850.	UJ	810.	U	810.	U	830.	U	820.	U	970.	U
121-14-2	2,4-Dinitrotoluene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
606-20-2	2,6-Dinitrotoluene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
91-58-7	2-Chloronaphthalene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
95-57-8	2-Chlorophenol	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
91-57-6	2-Methylnaphthalene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
88-74-4	2-Nitroaniline	350.	U	340.	U	330.	U	340.	U	340.	U	970.	U
88-75-5	2-Nitrophenol	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
99-09-2	3-Nitroaniline	850.	U	810.	U	810.	U	830.	U	820.	U	970.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	850.	U	810.	U	810.	U	830.	U	820.	U	970.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
106-47-8	4-Chloroaniline	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
100-01-6	4-Nitroaniline	850.	U	810.	U	810.	U	830.	U	820.	U	970.	U
100-02-7	4-Nitrophenol	850.	U	810.	UJ	810.	UJ	830.	UJ	820.	UJ	970.	U
83-32-9	Acenaphthene	17.	U	16.	U	16.	U	17.	U	16.	U	390.	U
208-96-8	Acenaphthylene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	U
120-12-7	Anthracene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	U
56-55-3	Benzo(a)anthracene	35.	UJ	34.	U	33.	U	34.	U	34.	U	390.	U
50-32-8	Benzo(a)pyrene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	U
205-99-2	Benzo(b)fluoranthene	35.	U	34.	U	33.	U	34.	U	34.	UJ	390.	U
191-24-2	Benzo(g,h,i)perylene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	UJ
207-08-9	Benzo(k)fluoranthene	35.	U	34.	U	33.	U	34.	U	34.	UJ	390.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA													
	SAMPLE ID ------->	034-S-1101-01		034-S-1201-01		034-S-1301-01		034-S-1401-01		034-S-1501-01		036-S-60M-04	
	ORIGINAL ID ----->	034S110101		0343120101		034S130101		034S140101		034S150101		036S606E04	
	LAB SAMPLE ID --->	951098-01		951098-02		951098-03		951098-04		951098-05		714501	
	ID FROM REPORT -->	034S110101		034S120101		034S130101		034S140101		034S150101		36S606E04	
	SAMPLE DATE ----->	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95		05/08/95	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/05/96		01/05/96		05/16/95	
	DATE ANALYZED --->	01/22/96		01/13/96		01/13/96		01/13/96		01/15/96		05/23/95	
	MATRIX ---------->	Soil		soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAL	034S11	VAL	034S11	VAL	034511	VAL	034S11	VAL	00006	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	UJ	340.	U	330.	U	340.	U	340.	U	390.	U
85-68-7	Butylbenzylphthalate	350.	UJ	340.	U	330.	U	340.	U	17.	J	390.	U
86-74-8	Carbazole	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
218-01-9	Chrysene	35.	UJ	34.	U	33.	U	34.	U	34.	U	390.	U
84-74-2	Di-n-butylphthalate	350.	U	340.	U	330.	U	340.	U	18.	J	52.	J
117-84-0	Di-n-octyl phthalate	350.	U	340.	UJ	330.	UJ	340.	UJ	340.	UJ	396.	UJ
53-70-3	Dibenz(a,h)anthracene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	UJ
132-64-9	Dibenzofuran	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
84-66-2	Diethylphthalate	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
131-11-3	Dimethyl phthalate	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
206-44-0	Fluoranthene	35.	U	34.	U	33.	U	34.	U	21.	J	62.	J
86-73-7	Fluorene	17.	U	16.	U	16.	U	17.	U	16.	U	390.	U
118-74-1	Hexachlorobenzene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
87-68-3	Hexachlorobutadiene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	340.	UJ	330.	UJ	340.	UJ	340.	U	390.	U
67-72-1	Hexachloroethane	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
193-39-5	Indeno(1,2,3-cd)pyrene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	U
78-59-1	Isophorone	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
621-64-7	N-Nitroso-di-n-propylamine	35.	U	34.	U	33.	U	34.	U	34.	U	390.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
91-20-3	Naphthalene	35.	U	34.	U	33.	U	34.	U	34.	U	390.	U
98-95-3	Nitrobenzene	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
87-86-5	Pentachlorophenol	850.	U	810.	U	810.	U	830.	U	820.	U	970.	U
85-01-8	Phenanthrene	35.	U	34.	U	33.	U	34.	U	34.	U	42.	J
108-95-2	Phenol	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
129-00-0	Pyrene	35.	UJ	34.	U	33.	U	34.	U	26.	J	50.	J
111-91-1	bis(2-Chloroethoxy)methane	350.	U	340.	U	330.	U	340.	U	340.	U	390.	U
111-44-4	bis(2-Chloroethyl)ether	35.	U	34.	U	33.	U	34.	U	34.	UJ	390.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA													
	SAMPLE ID ------->	036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606s-04		036-S-606S-05		036-S-606W-04	
	ORIGINAL ID ----->	036S606E05		036S606N04		036S606N05		036S606S04		036S606S05		036S606W04	
	LAB SAMPLE ID --->	718241		714492		718243		714513		718245		714516	
	ID FROM REPORT -->	36S606E05		36S606N04		36S606N05		36S606S04		36S606S05		36S606W04	
	SAMPLE DATE ----->	05/15/95		05/08/95		05/15/95		05/08/95		05/15/95		05/08/95	
	DATE EXTRACTED -->	05/27/95		05/16/95		05/27/95		05/16/95		05/27/95		05/28/95	
	DATE ANALYZED --->	06/10/95		05/23/95		06/10/95		05/23/95		06/10/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
120-82-1	1,2,4-Trichlorobenzene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
95-50-1	1,2-Dichlorobenzene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
541-73-1	1,3-Dichlorobenzene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
106-46-7	1,4-Dichlorobenzene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U	370.	U	350.	U	360.	UJ	350.	U	400.	UJ
95-95-4	2,4,5-Trichlorophenol	860.	U	930.	U	880.	U	910.	U	890.	U	990.	U
88-06-2	2,4,6-Trichlorophenol	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
120-83-2	2,4-Dichlorophenol	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
105-67-9	2,4-Dimethylphenol	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
51-28-5	2,4-Dinitrophenol	860.	U	930.	U	880.	U	910.	U	890.	U	990.	U
121-14-2	2,4-Dinitrotoluene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
606-20-2	2,6-Dinitrotoluene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
91-58-7	2-Chloronaphthalene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
95-57-8	2-Chlorophenol	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
91-57-6	2-Methylnaphthalene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
88-74-4	2-Nitroaniline	860.	U	930.	U	880.	U	910.	UJ	890.	U	990.	UJ
88-75-5	2-Nitrophenol	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
91-94-1	3,3'-Dichlorobenzidine	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
99-09-2	3-Nitroaniline	860.	U	930.	U	880.	U	910.	U	890.	U	990.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	860.	U	930.	U	880.	U	910.	U	890.	U	990.	U
101-55-3	4-Bromophenyl-phenylether	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
106-47-8	4-Chloroaniline	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
7005-72-3	4-Chlorophenylphenylether	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
100-01-6	4-Nitroaniline	860.	U	930.	U	880.	U	910.	U	890.	U	990.	U
100-02-7	4-Nitrophenol	860.	U	930.	U	880.	U	910.	U	890.	U	990.	U
83-32-9	Acenaphthene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
208-96-8	Acenaphthylene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
120-12-7	Anthracene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
56-55-3	Benzo(a)anthracene	45.	J	370.	U	350.	U	360.	U	56.	J	360.	J
50-32-8	Benzo(a)pyrene	340.	U	370.	U	350.	U	360.	U	350.	U	340.	J
205-99-2	Benzo(b)fluoranthene	340.	U	370.	U	350.	U	42.	J	130.	J	660.	
191-24-2	Benzo(g,h,i)perylene	340.	UJ	370.	UJ	350.	UJ	360.	U	350.	UJ	270.	J
207-08-9	Benzo(k)fluoranthene	340.	U	370.	U	350.	U	44.	J	100.	J	680.	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA															
	SAMPLE ID ------->	036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05		036-S-606W-04	
	ORIGINAL ID ----->	036S606E05		036S606N04		036S606N05		036S606S04		036S606S05		036S606W04	
	LAB SAMPLE ID --->	718241		714492		718243		714513		718245		714516	
	ID FROM REPORT -->	36S606E05		36S606N04		36S606N05		36S606S04		36S606S05		36S606W04	
	SAMPLE DATE ----->	05/15/95		05/08/95		05/15/95		05/08/95		05/15/95		05/08/95	
	DATE EXTRACTED -->	05/27/95		05/16/95		05/27/95		05/16/95		05/27/95		05/16/95	
	DATE ANALYZED --->	06/10/95		05/23/95		06/10/95		05/23/95		06/10/95		05/23/95	
	MATRIX ---------->	Soil		soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	OW06	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	30.	J	350.	U	20.	J	350.	U	15.	J
85-68-7	Butylbenzylphthalate	340.	U	46.	J	350.	U	360.	U	350.	U	400.	U
86-74-8	Carbazole	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
218-01-9	Chrysene	40.	J	370.	U	350.	U	360.	U	61.	J	410.	
84-74-2	Di-n-butylphthalate	84.	J	370.	U	72.	J	360.	U	96.	J	400.	U
117-84-0	Di-n-octyl phthalate	340.	U	370.	UJ	350.	U	360.	U	350.	U	400.	U
53-70-3	Dibenz(a,h)anthracene	340.	UJ	370.	UJ	350.	UJ	360.	U	350.	UJ	74.	J
132-64-9	Dibenzofuran	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
84-66-2	Diethylphthalate	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
131-11-3	Dimethyl phthalate	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
206-44-0	Fluoranthene	340.	U	34.	J	350.	U	360.	U	52.	J	410.	
86-73-7	Fluorene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
118-74-1	Hexachlorobenzene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
87-68-3	Hexachlorobutadiene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
77-47-4	Hexachlorocyclopentadiene	340.	UJ	370.	U	350.	UJ	360.	U	350.	UJ	400.	U
67-72-1	Hexachloroethane	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	UJ	370.	U	350.	UJ	360.	U	350.	UJ	240.	J
78-59-1	Isophorone	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
86-30-6	N-Nitrosodiphenylamine	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
91-20-3	Naphthalene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
98-95-3	Nitrobenzene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
87-86-5	Pentachlorophenol	860.	U	930.	U	880.	U	910.	U	890.	U	990.	U
85-01-8	Phenanthrene	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
108-95-2	Phenol	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
129-00-0	Pyrene	340.	U	56.	J	350.	U	360.	U	55.	d	600.	
111-91-1	bis(2-Chloroethoxy)methane	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	340.	U	370.	U	350.	U	360.	U	350.	U	400.	U

*** Validation Complete ***

SUM

	SAMPLE ID	036-S-606W-05		036-S-627E-02		036-S-62E-03		036-S-627N-02		D36-S-627N-03		036-S-6275-03	
	ORIGINAL ID	036S606W05		036S627E02		036S627E03		036S627N02		036S627N03		036S627S03	
	LAB SAMPLE ID	718249		714479		720397		714459		720401		714482	
	ID FROM REPORT	36S606W05		36S627E02		36S627E03		36S627N02		36S627N03		36S627S03	
	SAMPLE DATE	05/15/95		05/08/95		05/19/95		05/08/95		D5/19/95			
	DATE EXTRACTED	05/27/95		05/16/95		05/26/95		05/16/95		05/26/95		05/16/95	
	DATE ANALYZED	06/10/95		05/23/95		06/12/95		05/23/95		D6/12/95		05/23/95	
	MATRIX	Soil		soil		soil		Soil		Soil		Soil	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	DOOM	VAL	00006	VAL
120-82-1	1,2,4-Trichlorobenzene	350.	U	360.	U	360.	U	360.	UJ	340.	U	380.	U
95-50-1	1,2-Dichlorobenzene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
541-73-1	1,3-Dichlorobenzene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
106-46-7	1,4-Dichlorobenzene	350.	U	360.	U	360.	U	360.	UJ	340.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	870.	U	900.	U	890.	U	900.	U	860.	U	950.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
120-83-2	2,4-Dichlorophenol	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
105-67-9	2,4-Dimethylphenol	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
51-28-5	2,4-Dinitrophenol	870.	U	900.	U	890.	U	900.	U	860.	U	950.	U
121-14-2	2,4-Dinitrotoluene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
606-20-2	2,6-Dinitrotoluene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
91-58-7	2-Chloronaphthalene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
95-57-8	2-Chlorophenol	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
91-57-6	2-Methylnaphthalene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
88-74-4	2-Nitroaniline	870.	U	900.	U	890.	UJ	900.	U	860.	UJ	950.	U
88-75-5	2-Nitrophenol	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
99-09-2	3-Nitroaniline	870.	U	900.	U	890.	U	900.	U	860.	U	950.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	870.	U	900.	U	890.	U	900.	U	860.	U	950.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
106-47-8	4-Chloroaniline	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
100-01-6	4-Nitroaniline	870.	U	900.	U	890.	U	900.	U	860.	U	950.	U
100-02-7	4-Nitrophenol	870.	U	900.	U	890.	U	900.	U	860.	U	950.	U
83-32-9	Acenaphthene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
208-96-8	Acenaphthylene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
120-12-7	Anthracene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
56-55-3	Benzo(a)anthracene	580.		360.	U	52.	J	74.	J	340.	U	380.	U
50-32-8	Benzo(a)pyrene	570.		360.	U	37.	J	90.	J	340.	U	380.	J
205-99-2	Benzo(b)fluoranthene	1300.		360.	U	91.	J	280.	J	340.	UJ	380.	J
191-24-2	Benzo(g,h,i)perylene	340.	J	360.	UJ	360.	UJ	360.	UJ	340.	UJ	380.	UJ
207-08-9	Benzo(k)fluoranthene	1000.		360.	U	110.	J	250.	J	340.	U	380.	J

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA													
	SAMPLE ID ------->	036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03		036-S-627S-03	
	ORIGINAL ID ----->	036S606W05		036S627E02		036S627E03		036S627N02		036S627N03		036S627S03	
	LAB SAMPLE ID --->	718249		714479		720397		714459		720401		714482	
	ID FROM REPORT -->	36S606W05		36S627E02		36S627E03		36S627N02		36S627N03		36S627S03	
	SAMPLE DATE ----->	05/15/95		05/08/95		05/19/95		05/08/95		05/19/95			
	DATE EXTRACTED -->	05/27/95		05/16/95		05/26/95		05/16/95		05/26/95		05/16/95	
	DATE ANALYZED --->	06/10/95		05/23/95		06/12/95		05/23/95		06/12/95		05/23/95	
	MATRIX ---------->	Soil		Soil		soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	360.	U	360.	U	62.	J	340.	U	100.	J
85-68-7	Butylbenzylphthalate	350.	U	360.	U	360.	U	52.	J	340.	U	42.	J
86-74-8	Carbazole	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
218-01-9	Chrysene	470.		360.	U	64.	J	180.	J	340.	U	380.	U
84-74-2	Di-n-butylphthalate	68.	J	62.	J	360.	U	47.	J	340.	U	79.	J
117-84-0	Di-n-octyl phthalate	350.	U	360.	UJ	360.	UJ	360.	UJ	340.	UJ	380.	UJ
53-70-3	Dibenz(a,h)anthracene	150.	J	360.	UJ	360.	UJ	360.	UJ	340.	UJ	380.	UJ
132-64-9	Dibenzofuran	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
84-66-2	Diethylphthalate	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
131-11-3	Dimethyl phthalate	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
206-44-0	Fluoranthene	580.		360.	U	65.	J	210.	J	340.	U	380.	U
86-73-7	Fluorene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
118-74-1	Hexachlorobenzene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
87-68-3	Hexachlorobutadiene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	350.	UJ	360.	U	360.	U	360.	U	340.	U	380.	U
67-72-1	Hexachloroethane	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
193-39-5	Indeno(1,2,3-cd)pyrene	300.	J	360.	U	360.	UJ	360.	U	340.	UJ	380.	U
78-59-1	Isophorone	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
91-20-3	Naphthalene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
98-95-3	Nitrobenzene	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
87-86-5	Pentachlorophenol	870.	U	900.	U	890.	U	900.	U	860.	U	950.	U
85-01-8	Phenanthrene	43.	J	360.	U	42.	J	170.	J	340.	U	380.	U
108-95-2	Phenol	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
129-00-0	Pyrene	500.		360.	U	62.	J	320.	J	340.	U	380.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	360.	U	360.	U	360.	U	340.	U	380.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA													
	SAMPLE ID ------->	036-S-627s-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04		036-S-E003-04	
	ORIGINAL ID ----->	036S627S03		036S627W02		036S627W03		036E000101		036E000201		036E000301	
	LAB SAMPLE ID --->	720406		714485		720413		951098-13		951098-16		951098-14	
	ID FROM REPORT -->	36S627S03		36S627W02		36S627W03		036E000101		036E000201		036E000301	
	SAMPLE DATE ----->	05/19/95		05/08/95		05/19/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	05/26/95		05/16/95		05/26/95		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	06/12/95		05/23/95		06/12/95		01/13/96		01/15/96		01/15/96	
	MATRIX ---------->	Soil		soil		soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	034S11	VAL	034511	VAL	034S11	VAL
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
95-50-1	1,2-Dichlorobenzene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
541-73-1	1,3-Dichlorobenzene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	880.	U	890.	U	870.	U	940.	U	830.	U	830.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
120-83-2	2,4-Dichlorophenol	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
105-67-9	2,4-Dimethylphenol	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
51-28-5	2,4-Dinitrophenol	880.	U	890.	U	870.	U	940.	U	830.	U	830.	U
121-14-2	2,4-Dinitrotoluene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
606-20-2	2,6-Dinitrotoluene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
91-58-7	2-Chloronaphthalene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
91-57-6	2-Methylnaphthalene	350.	U	350.	U	350.	U	39.	U	34.	U	64.	
95-48-7	2-Methylphenol (o-Cresol)	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
88-74-4	2-Nitroaniline	880.	UJ	890.	U	870.	UJ	390.	U	340.	U	340.	U
88-75-5	2-Nitrophenol	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
99-09-2	3-Nitroaniline	880.	U	890.	U	870.	U	940.	U	830.	U	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	880.	U	890.	U	870.	U	940.	U	830.	U	830.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
106-47-8	4-Chloroaniline	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
100-01-6	4-Nitroaniline	880.	U	890.	U	870.	U	940.	U	830.	U	830.	U
100-02-7	4-Nitrophenol	880.	U	890.	U	870.	U	940.	UJ	830.	UJ	830.	UJ
83-32-9	Acenaphthene	350.	U	350.	U	350.	U	19.	U	17.	U	140.	
208-96-8	Acenaphthylene	350.	U	350.	U	350.	U	39.	U	34.	U	25.	J
120-12-7	Anthracene	350.	U	350.	U	350.	U	39.	U	34.	U	250.	
56-55-3	Benzo(a)anthracene	110.	J	350.	U	350.	U	39.	U	42.		790.	
50-32-8	Benzo(a)pyrene	95.	J	350.	U	350.	U	39.	U	44.		590.	
205-99-2	Benzo(b)fluoranthene	160.	J	350.	U	54.	J	39.	U	43.	J	680.	J
191-24-2	Benzo(g,h,i)perylene	350.	UJ	350.	UJ	350.	UJ	39.	U	29.	J	310.	
207-08-9	Benzo(k)fluoranthene	200.	J	350.	U	70.	J	39.	U	37.	J	530.	J

*** Validation Canplete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA													
	SAMPLE ID ------->	036-S-627S-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04		036-S-E003-04	
	ORIGINAL ID ----->	036S627S03		036S627W02		036S627W03		036E000101		036E000201		036E000301	
	LAB SAMPLE ID --->	720406		714485		720413		951098-13		951098-16		951098-14	
	ID FROM REPORT -->	36S627S03		36S627W02		36S627W03		036E000101		036E000201		036E000301	
	SAMPLE DATE ----->	05/19/95		05/08/95		05/19/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	05/26/95		05/16/95		05/26/95		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	06/12/95		05/23/94		06/12/95		01/13/96		01/15/96		01/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	034S11	VAL	034S11	VAL	034S11	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	130.	J	350.	U	410.	U	930.		340.	U
85-68-7	Butylbenzylphthalate	350.	U	160.	J	350.	U	390.	U	340.	U	1100.	
86-74-8	Carbazole	350.	U	350.	U	350.	U	390.	U	340.	U	300.	J
218-01-9	Chrysene	130.	J	350.	U	40.	J	39.	U	24.	J	640.	
84-74-2	Di-n-butylphthalate	350.	U	79.	J	350.	U	390.	U	340.	U	19.	J
117-84-0	Di-n-octyl phthalate	350.	UJ	350.	UJ	350.	UJ	390.	UJ	340.	UJ	340.	UJ
53-70-3	Dibenz(a,h)anthracene	350.	UJ	350.	UJ	350.	UJ	39.	U	34.	U	51.	
132-64-9	Dibenzofuran	350.	U	350.	U	350.	U	390.	U	340.	U	140.	J
84-66-2	Diethylphthalate	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
131-11-3	Dimethyl phthalate	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
206-44-0	Fluoranthene	180.	J	350.	U	350.	U	39.	U	70.		1800.	
86-73-7	Fluorene	350.	U	350.	U	350.	U	19.	U	17.	U	140.	
118-74-1	Hexachlorobenzene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
87-68-3	Hexachlorobutadiene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	350.	U	350.	U	390.	UJ	340.	U	340.	U
67-72-1	Hexachloroethane	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	UJ	350.	U	350.	UJ	39.	U	26.	J	320.	
78-59-1	Isophorone	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	350.	U	350.	U	39.	U	34.	U	34.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
91-20-3	Naphthalene	350.	U	57.	J	350.	U	39.	U	34.	U	140.	
98-95-3	Nitrobenzene	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
87-86-5	Pentachlorophenol	880.	U	890.	U	870.	U	940.	U	830.	U	830.	U
85-01-8	Phenanthrene	65.	J	356.	U	350.	U	39.	U	34.	U	1500.	J
108-95-2	Phenol	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
129-00-0	Pyrene	170.	J	350.	U	35.	J	39.	U	60.		1200.	
111-91-1	bis(2-Chloroethoxy)methane	350.	U	350.	U	350.	U	390.	U	340.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	356.	U	350.	U	39.	U	34.	UJ	34.	UJ

*** Validation Complete ***

SVOA

SAMPLE ID -------->	036-S-E004-04
ORIGINAL ID ----->	036E000401
LAB SAMPLE ID --->	951098-15
ID FROM REPORT -->	036E000401
SAMPLE DATE ----->	12/29/95
DATE EXTRACTED -->	01/05/96
DATE ANALYZED --->	01/15/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	034S11	VAL
120-82-1	1,2,4-Trichlorobenzene	400.	U
95-50-1	1,2-Dichlorobenzene	COO.	U
541-73-1	1,3-Dichlorobenzene	400.	U
106-46-7	1,4-Dichlorobenzene	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U
95-95-4	2,4,5-Trichlorophenol	970.	U
88-06-2	2,4,6-Trichlorophenol	400.	U
120-83-2	2,4-Dichlorophenol	400.	U
105-67-9	2,4-Dimethylphenol	400.	U
51-28-5	2,4-Dinitrophenol	970.	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400.	U
91-58-7	2-Chloronaphthalene	400.	U
95-57-8	2-Chlorophenol	400.	U
91-57-6	2-Methylnaphthalene	40.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U
88-74-4	2-Nitroaniline	400.	U
88-75-5	2-Nitrophenol	400.	U
91-94-1	3,3'-Dichlorobenzidine	400.	U
99-09-2	3-Nitroaniline	970.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	970.	U
101-55-3	4-Bromophenyl-phenylether	400.	U
59-50-7	4-Chloro-3-methylphenol	400.	U
106-47-8	4-Chloroaniline	400.	U
7005-72-3	4-Chlorophenylphenylether	400.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U
100-01-6	4-Nitroaniline	970.	U
100-02-7	4-Nitrophenol	970.	UJ
83-32-9	Acenaphthene	19.	U
208-96-8	Acenaphthylene	40.	U
120-12-7	Anthracene	40.	U
56-55-3	Benzo(a)anthracene	26.	J
50-32-8	Benzo(a)pyrene	36.	J
205-99-2	Benzo(b)fluoranthene	33.	J
191-24-2	Benzo(g,h,i)perylene	21.	J
207-08-9	Benzo(k)fluoranthene	40.	U

*** Validation Complete +++

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

SVOA

SAMPLE ID ------->	036-S-€004-04
ORIGINAL ID ----->	036E000401
LAB SAMPLE ID --->	951098-15
ID FROM REPORT -->	036E000401
SAMPLE DATE ----->	12/29/95
DATE EXTRACTED -->	01/05/96
DATE ANALYZED --->	01/15/96
MATRIX ---------->	soil
UNITS ---------->	UG/KG

CAS #	Parameter	034S11	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U
85-68-7	Butylbenzylphthalate	400.	U
86-74-8	Carbazole	400.	U
218-01-9	Chrysene	28.	J
84-74-2	Di-n-butylphthalate	400.	U
117-84-0	Di-n-octyl phthalate	400.	UJ
53-70-3	Dibenz(a,h)anthracene	40.	U
132-64-9	Dibenzofuran	400.	U
84-66-2	Diethylphthalate	400.	U
131-11-3	Dimethyl phthalate	400.	U
206-44-0	Fluoranthene	63.	
86-73-7	Fluorene	19.	U
118-74-1	Hexachlorobenzene	400.	U
87-68-3	Hexachlorobutadiene	400.	U
77-47-4	Hexachlorocyclopentadiene	400.	U
67-72-1	Hexachloroethane	400.	U
193-39-5	Indeno(1,2,3-cd)pyrene	21.	J
78-59-1	Isophorone	400.	U
621-64-7	N-Nitroso-di-n-propylamine	40.	U
86-30-6	N-Nitrosodiphenylamine	400.	U
91-20-3	Naphthalene	40.	U
98-95-3	Nitrobenzene	400.	U
87-86-5	Pentachlorophenol	970.	U
85-01-8	Phenanthrene	30.	J
108-95-2	Phenol	400.	U
129-00-0	Pyrene	42.	
111-91-1	bis(2-Chloroethoxy)methane	400.	U
111-44-4	bis(2-Chloroethyl)ether	40.	UJ

+ Validation Complete ++*

VOA															
	SAMPLE ID -------:	034-S-1101-01		034-S-1201-01		034-S-1301-01		034-S-1401-01		034-S-1501-01		036-S-606E-04	
	ORIGINAL ID -----:	034S110101		0343120101		034S130101		034S140101		034S150101		036S606E04	
	LAB SAMPLE ID ---:	951098-01		951098-02		951098-03		951098-04		951098-05		714501	
	ID FROM REPORT --:	034S110101		034S120101		034S130101		0348140101		034S150101		36S606E04	
	SAMPLE DATE -----:	12/28/95		12/28/95		12/28/95		12/28/95		12/28/95		05/08/95	
	DATE ANALYZED ---:	12/30/95		12/30/95		12/30/95		12/30/95		12/30/95		05/17/95	
	MATRIX ----------:	Soil		soil		Soil		soil		Soil		soil	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	034S11	VAI	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL	00006	VAL
71-55-6	1,1,1-Trichloroethane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
75-34-3	1,1-Dichloroethane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
75-35-4	1,1-Dichloroethene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
107-06-2	1,2-Dichloroethane	12.	U	10.	U	10.	U	11.	U	10	U	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
78-87-5	1,2-Dichloropropane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
78-93-3	2-Butanone (MEK)	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ	12.	U
591-78-6	2-Hexanone	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
67-64-1	Acetone	12.	U	15.	U	17.	U	11.	U	10.	U	27.	U
71-43-2	Benzene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
75-27-4	Bromodichloromethane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
75-25-2	Bromoform	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
74-83-9	Bromomethane	4.	J	10.	U	10.	U	11.	U	10.	U	12.	U
75-15-0	Carbon disulfide	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
56-23-5	Carbon tetrachloride	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ	12.	U
108-90-7	Chlorobenzene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
75-00-3	Chloroethane	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10	UJ	12.	U
67-66-3	Chloroform	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
74-87-3	Chloromethane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
124-48-1	Dibromochloromethane	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
100-41-4	Ethylbenzene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
75-09-2	Methylene chloride	12.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ	28.	U
100-42-5	Styrene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
127-18-4	Tetrachloroethene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
108-88-3	Toluene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
1330-20-7	Xylene (Total)	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
79-01-6	Trichloroethene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U
75-01-4	Vinyl chloride	4.	U	3.	U	3.	U	3.	U	3.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	10.	U	10.	U	11.	U	10.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

VOA													
	SAMPLE ID ------->	036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05		036-S-606W-04	
	ORIGINAL ID ----->	036S606E05		036S606N04		036S606N05		036S606S04		036S606S05		036S606W04	
	LAB SAMPLE ID --->	718241		714492		718243		714513		718245		714516	
	ID FROM REPORT -->	36S606E05		36S606N04		36S606N05		36S606S04		36S606S05		36S606W04	
	SAMPLE DATE ----->	05/15/95		05/08/95		05/15/95		05/08/95		05/15/95		05/08/95	
	DATE ANALYZED --->	05/25/95		05/17/95		05/25/95		05/17/95		05/25/95		05/17/95	
	MATRIX ---------->	Soil		soil		Soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
71-55-6	1,1,1-Trichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
79-00-5	1,1,2-Trichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-34-3	1,1-Dichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-35-4	1,1-Dichloroethene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
107-06-2	1,2-Dichloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
78-87-5	1,2-Dichloropropane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
78-93-3	2-Butanone (MEK)	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
591-78-6	2-Hexanone	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
67-64-1	Acetone	10.	UJ	21.	U	11.	UJ	58.	U	19.	UJ	38.	U
71-43-2	Benzene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-27-4	Bromodichloromethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-25-2	Bromoform	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
74-83-9	Bromomethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-15-0	Carbon disulfide	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
56-23-5	Carbon tetrachloride	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
108-90-7	Chlorobenzene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-00-3	Chloroethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
67-66-3	Chloroform	10.	U	11.	U	11.	U	11.	U	11.	U	1.	J
74-87-3	Chloromethane	10.	UJ	11.	U	11.	UJ	11.	U	11.	UJ	12.	U
124-48-1	Dibromochloromethane	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
100-41-4	Ethylbenzene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-09-2	Methylene chloride	10.	UJ	20.	U	11.	UJ	30.	U	11.	UJ	43.	U
100-42-5	Styrene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
127-18-4	Tetrachloroethene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
108-88-3	Toluene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
1330-20-7	Xylene (Total)	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
79-01-6	Trichloroethene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U
75-01-4	Vinyl chloride	10.	UJ	11.	U	11.	UJ	11.	U	11.	UJ	12.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	11.	U	11.	U	11.	U	11.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

VOA													
	SAMPLE ID ------->	036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03		036-S-627S-03	
	ORIGINAL ID ----->	036S606W05		036S627E02		036S627E03		036S627N02		036S627N03		036S627S03	
	LAB SAMPLE ID --->	718249		714479		720397		714459		720401		714482	
	ID FROM REPORT -->	36S606W05		36S627E02		36S627E03		36S627N02		36S627N03		36S627S03	
	SAMPLE DATE ----->	05/15/95		05/08/95		05/19/95		05/08/95					
	DATE ANALYZED --->	05/25/95		05/14/95		05/27/95		05/14/95		05/30/95		05/14/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
591-78-6	2-Hexanone	11.	U	11.	UJ	11.	U	11.	UJ	10.	U	11.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	UJ	11.	U	11.	UJ	10.	U	11.	UJ
67-64-1	Acetone	11.	UJ	19.	UJ	11,	UJ	18.	UJ	19.		25.	UJ
71-43-2	Benzene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	V	11.	U	11.	U	10.	U	11.	U
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
74-87-3	Chloromethane	11.	UJ	11.	U	11.	U	11.	U	10.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-09-2	Methylene chloride	11.	UJ	11.	U	16.	UJ	11.	U	10.	U	16.	U
100-42-5	Styrene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-01-4	Vinyl chloride	11.	UJ	11.	U	11.	U	11.	U	10.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U

*** Validation Complete ***

VOA													
	SAMPLE ID ------->	036-S-627S-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04		036-S-E003-04	
	ORIGINAL ID ----->	036S627S03		036S627W02		036S627W03		036E000101		036E000201		036E000301	
	LAB SAMPLE ID --->	720606		714485		720413		951098-13		951098-16		951098-14	
	ID FROM REPORT -->	36S627S03		36S627W02		36S627W03		036-000101		036E000201		036E000301	
	SAMPLE DATE ----->	05/19/95		05/08/95		05/19/95		12/29/95		12/29/95		12/29/95	
	DATE ANALYZED --->	05/27/95		05/14/95		05/27/95		01/02/96		01/02/96		01/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	034S11	VAL	034S11	VAL	034S11	VAL
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
591-78-6	2-Hexanone	11.	U	11.	UJ	11.	U	10.	U	11.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	UJ	11.	U	10.	U	11.	U	10.	U
67-64-1	Acetone	11.	UJ	12.	UJ	26.	J	60.	U	11.	U	27.	U
71-43-2	Benzene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
74-83-9	Bromomethane	11.	U	11.	U	11.	U	10.	UJ	11.	UJ	10.	UJ
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-00-3	Chloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
74-87-3	Chloromethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-09-2	Methylene chloride	11.	UJ	13.	U	15.	UJ	10.	UJ	11.	UJ	10.	UJ
100-42-5	Styrene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
108-88-3	Toluene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	3.	U	3.	U	3.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING

VOA								
	ID ------->	036-S-E004-04		098-S-T000-10				
	ORIGINAL ID ----->	036E000401		09BST00010				
	LAB SAMPLE ID --->	951098-15		951098-12				
	ID FROM REPORT -->	036E000401		09BST00010				
	SAMPLE DATE ----->	12/29/95		12/29/95				
	DATE MAL= --->	01/02/96		12/30/95				
	MATRIX ---------->	Soil		Uater				
	UNITS ---------->	UG/KG		UG/L				
CAS #	Parameter	034S11	VAL	034S11	VAL			
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U			
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U			
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U			
75-34-3	1,1-Dichloroethane	10.	U	10.	U			
75-35-4	1,1-Dichloroethene	10.	U	10.	U			
107-06-2	1,2-Dichloroethane	10.	U	10.	U			
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U			
78-87-5	1,2-Dichloropropane	10.	U	10.	U			
78-93-3	2-Butanone (MEK)	10.	U	10.	U			
591-78-6	2-Hexanone	10.	U	10.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U			
67-64-1	Acetone	14.	U	10.				
71-43-2	Benzene	10.	U	10.	U			
75-27-4	Bromodichloromethane	10.	U	10.	U			
75-25-2	Bromoform	10.	U	10.	U			
74-83-9	Bromomethane	10.	UJ	10.	U			
75-15-0	Carbon disulfide	10.	U	10.	U			
56-23-5	Carbon tetrachloride	10.	U	10.	U			
108-90-7	Chlorobenzene	10.	U	10.	U			
75-00-3	Chloroethane	10.	U	10.	U			
67-66-3	Chloroform	10.	U	10.	U			
74-87-3	Chloromethane	10.	U	10.	U			
124-48-1	Dibromochloromethane	10.	U	10.	U			
100-41-4	Ethylbenzene	10.	U	10.	U			
75-09-2	Methylene chloride	10.	UJ	4.	J			
100-42-5	Styrene	16.	U	10.	U			
127-18-4	Tetrachloroethene	10.	U	10.	U			
108-88-3	Toluene	10.	U	10.	U			
1330-20-7	Xylene (Total)	10.	U	10.	U			
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U			
79-01-6	Trichloroethene	10.	U	10.	U			
75-01-4	Vinyl chloride	3.	U	3.	U			
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U			

*** Validation Complete ***