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REMEDIAL INVESTIGATION R
SITE 42, PENSACOLA BAY
NAVAL AIR STATION
PENSACOLA, FLORIDA

SOUTHNAVFACENGCOM
CONTRACT NUMBER
N62467-89-D-0318

CTO - 036

Prepared for:

Comprehensive Long-Term
Environmental Action Navy
Naval *Air* Station
Pensacola, Florida

Prepared by:

EnSafe/Allen & Hoshall
5720 Summer Trees Drive, Suite 8
Memphis, Tennessee 38134
(901) 383-9115

May 22, 1997

Release of this document requires prior notification of the Commanding Officer of the Naval Air Station, Pensacola, Florida.

REMEDIAL INVESTIGATION REPORT
SITE 42, PENSACOLA BAY
NAVAL AIR STATION
PENSACOLA, FLORIDA

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

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19. Abstract
A remedial investigation was conducted for Naval Air Station Pensacola Site 42, Pensacola Bay, assessing the nature and extent of contaminants resulting from Navy activities which discharge to the bay. Site 42 represents the southern and eastern shoreline bounding NAS Pensacola. This shoreline measuring about 10 miles was sampled at 141 locations detecting metals, pesticides, polychlorinated biphenyls, and semivolatile and volatile organic compounds. Based on the physical nature of the bay, no pathway offering risk to human health can be validated. Risk to ecological receptors has been estimated to be low based on the frequency of detections, the areal extent, and calculated hazard quotients. The Navy as lead agency is not recommending further action.

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List of Acronyms and Abbreviations

μg/kg	Micrograms per kilogram
ASTM	American Society for Testing and Materials
AZ	Assessment zone
BRA	Baseline risk assessment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CEC	Cation exchange capacity
CLEAN	Comprehensive Long-term Environmental Action Navy
CLP	Contract Laboratory Program
COPC	Chemical of potential concern
CPSS	Chemical present in site samples
CRQL	Contract required quantitation limit
CSAP	Comprehensive sampling and analysis plan
CSV	Chemical-specific value
CT	Central tendency
C_w	Chemical concentration in groundwater
DI	Deionized
E/A&H	EnSafe/Allen & Hoshall
E&E	Ecology and Environment, Inc.
EPTOX	Extraction procedure for toxicity
FB	Field blank
FDEP	Florida Department of Environmental Protection
FNAI	Florida Natural Areas Inventory
f_{oc}	Organic Carbon Fraction
FS	Feasibility Study
GC/MS	Gas Chromatograph/Mass Spectrometer
GPS	Global Positioning System
ICP	Inductive Coupled Plasma
ICW	Intercoastal waterway
IRP	Installation Restoration Program
IS	Internal Standard
IWTP	Industrial Wastewater Treatment Plant (now a sanitary plant)

J	The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample
K_d	distribution coefficient
K_{oc}	organic carbon/water partitioning coefficient
LCS	Laboratory control sample
mg/kg	Milligram per kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
msl	Mean sea level
NACIP	Navy Assessment and Control of Installation Pollutants
NAS	Naval Air Station
NFESC	Naval Facilities Engineering Service Center
NPDES	National Pollutant Discharge Elimination System
OU	Operable unit
PAH	Polycyclic aromatic hydrocarbon
PBS	Pensacola Bay System
PCB	Polychlorinated biphenyl
PEL	Probable effects level
QA/QC	Quality Assurance/Quality Control
R	The sample results are rejected due to serious deficiencies in the laboratory's ability to analyze the sample and meet QC criteria. The presence or absence of the compound cannot be verified.
RAGS	Risk Assessment Guidance for Superfund
R_f	Retardation factor
redox	Oxidation reduction
RfD	Reference dose
RGO	Remedial goal option
RI	Remedial investigation
RRF	Relative response factor
SAP	Sampling and analysis plan
SDG	Sample delivery group
SF	Cancer slope factor
SMP	Site management plan

SOP/QAM	Standard Operating Procedures and Quality Assurance Manual
SOUTHNAVFACENGCOM	Southern Division Naval Facilities Engineering Command
SOW	Statement of Work
SQAG	Sediment quality assessment guidelines
SSV	Sediment screening value
svocs	Semivolatile organic compound
TA	Target Area
TAL	Target analyte list
TCL	Target compound list
TOC	Total Organic Carbon
USCS	Unified Soil Classification System
UJ	The compound was not detected above the reported sample quantitation limit. However, the reported quantitation limit is an approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the compound in the sample.
UR	The compound was not detected above the reported sample quantitation limit. However, the sample results are rejected due to serious deficiencies in the laboratory's ability to analyze the sample and meet QC criteria. The presence or absence of the compound cannot be verified.
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VOC	Volatile organic compound

EXECUTIVE SUMMARY

A remedial investigation was conducted for Naval Air Station (NAS) Pensacola Site 42, Pensacola Bay, assessing the nature and extent of contaminants resulting from Navy activities and Installation Restoration Program sites discharging to the bay. Site 42 represents about 10 miles of the southern and eastern shoreline bounding NAS Pensacola. Sediment was sampled at 141 locations detecting metals, pesticides, polychlorinated biphenyls, and semivolatile and volatile organic compounds. Based on the physical nature of the bay, no complete pathway offering risk to human health can be verified. Risk to ecological receptors is limited based on the frequency of detections, the areal extent, and calculated hazard quotients. Many of the analytes has a frequency of detection and distribution such that the contaminant source is speculative. Mapping the exceedances identified areas of increased contaminant occurrence when compared to other areas sampled. Those areas include the barge loading dock, Coast Guard Station, concrete seawall and quay, and the Industrial Wastewater Treatment Plant. Polycyclic aromatic hydrocarbon exhibited a limited ecological risk in the area of the barge loading dock and Coast Guard Station. The Coast Guard Station and barge loading dock should be noted in the event of dredging or other operations that might resuspend or transport these sediments to more sensitive areas of the bay or Intercoastal Waterway (ICW). The barge loading dock is recommended for further study as a petroleum contaminated site under Florida Administrative Code Chapter 62-770.

1.0 INTRODUCTION

Under the authority of the U.S. Navy Comprehensive Long-term Environmental Action Navy (CLEAN) program, EnSafe/Allen & Hoshall (E/A&H) completed a Remedial Investigation (RI) for Site 42, Pensacola Bay, at Naval Air Station (NAS) Pensacola. This site is listed in the Site Management Plan (SMP) of the Installation Restoration Program (IRP) for NAS Pensacola (U.S. Navy, 1996). Site 42 includes the Intercoastal Waterway (ICW) of Pensacola Bay from Trout Point, east to NAS Pensacola's Allegheny Pier (Pier 303), and the portion of Pensacola Bay extending north along Magazine Point to the mouth of Bayou Grande. This shoreline, measuring about 10 miles, was sampled at 141 locations in accordance with the work plan and sampling and analysis plan ***(SAP)***. The investigation meets the requirements of the federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980, which administers the investigation and cleanup of hazardous waste sites. The RI report summarizes the activities, results, and conclusions of the investigation, including a baseline risk assessment (BRA), and provides the basis for the feasibility study (FS) to be completed at the site.

This investigation was completed in accordance with the primary documents for the site. Primary document references include the ***Final RI/FS Work Plan, Sites 40 and 42, Bayou Grande and Pensacola Bay*** (E/A&H, 1995a), the ***Final RI/FS SAP, Sites 40 and 42, Bayou Grande and Pensacola Bay*** (E/A&H, 1995b), the ***Final Comprehensive Sampling and Analysis Plan for Naval Air Station Pensacola*** (CSAP) (E/A&H, 1994), and the U.S. Environmental Protection Agency (USEPA) Region IV, Environmental Services Division, ***Standard Operating Procedures and Quality Assurance Manual*** (SOP/QAM), (USEPA, 1996).

Objectives of the Remedial Investigation

- To characterize contaminant nature and extent in the portions of Pensacola Bay surrounding NAS Pensacola that are potentially impacted by any IRP site establishing links between sources and the receptors.

- To identify the assumptions and endpoints used in determining risks to human health and the environment. This goal is accomplished through the BRA process.

The RI process will conclude whether an FS will be conducted to assess methods for addressing site contamination, based on data generated during the RI process.

1.1 Project Organization

The RI was executed in three parts. First, all available previous investigation reports in the administrative record were reviewed to develop a comprehensive understanding of the site history and background to develop the work plan and SAP. Second, a Phase I qualitative survey of the bay was conducted to assess pathways from the IRP sites, storm water discharge, and petroleum sites. Phase I included a sediment assessment survey of the bay determining depositional areas where contamination would likely accumulate. Areas of fine-grained sediment and high total organic carbon (TOC) were assumed to have a high potential to absorb contaminants and were given priority for sampling. Third, Phase II was conducted to characterize the nature and extent of contamination in the bay south and east of NAS Pensacola. Sampling locations were selected based on criteria outlined in the work plan and SAP which best represent the potential contaminant loading. Similar areas, called assessment zones (AZs), were grouped for sampling and chemical analysis.

1.2 Purpose of Report

This RI report summarizes the activities, results, and conclusions of the overall investigation and provides the basis and justification for an FS and Record of Decision. The report also documents the data collection and analytical methods used during the investigation.

2.0 SITE DESCRIPTION AND HISTORY

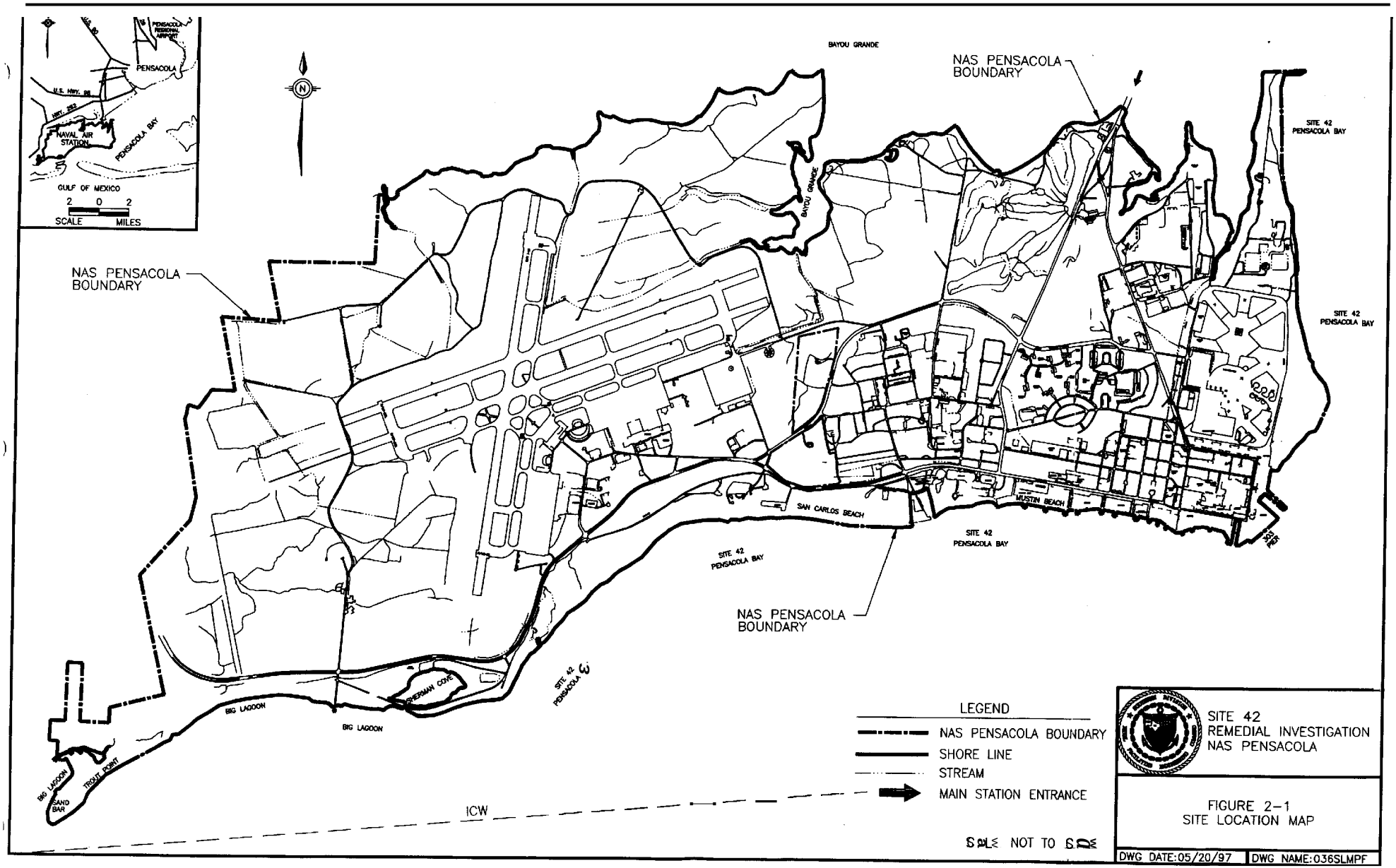
2.1 Site Area Description

As shown on Figure 2-1, Pensacola Bay (Site 42) is an estuarine water body adjacent to the eastern and southern borders of NAS Pensacola in Escambia County. It includes the ICW from Trout Point, east to NAS Pensacola's Pier 303, to the mouth of Bayou Grande. The portions of the bay surrounding NAS Pensacola are part of a larger surface water system known as the Pensacola Bay System (PBS). The PBS is described in the work plan for Sites 40 and 42 (E/A&H 1995). Primarily situated in Escambia County, Pensacola Bay occupies approximately 52 square miles of surface area (Olinger et al., 1975). Approximately 10 miles of Pensacola Bay coastline border NAS Pensacola property (Figure 2-1). Near NAS Pensacola, Pensacola Bay receives water from Bayou Chico as well as Bayou Grande. The mean depth of Pensacola Bay is approximately 19.5 feet (Collard, 1991), and in the NAS Pensacola area the mean depth is 10 feet.

2.2 Site History and Previous Investigations

Since the early 1950s, numerous investigations have been conducted in and around the PBS to monitor the ecological health of the bay and determine the impact of commercial, industrial, and municipal activities. Previous investigations have documented Navy industrial activities discharging to Pensacola Bay. Other studies have been associated with industrial activities of the entire PBS.

Collard (1991) summarizes the environmental-biological history of the PBS, documenting published as well as previously unpublished data from numerous studies conducted from the 1950s to the present. These studies were conducted to identify biological trends and help understand the current status of the PBS. Many studies have been performed with varying sampling methods,


PENSACOLA
PENSACOLA REGIONAL AIRPORT
U.S. HWY. 98
HWY. 292
NAVAL AIR STATION
PENSACOLA BAY
GULF OF MEXICO
2 0 2
SCALE MILES
BAYOU GRANDE
NAS PENSACOLA BOUNDARY
SITE 42 PENSACOLA BAY
SAN CARLOS BEACH
MUSTIN BEACH
SITE 42 PENSACOLA BAY
SITE 42 PENSACOLA BAY
NAS PENSACOLA BOUNDARY
SITE 42 PENSACOLA BAY
SHERMAN COVE
BIG LAGOON
BIG LAGOON
BIG LAGOON
TROUT POINT
SAND BAR
ICW
LEGEND
NAS PENSACOLA BOUNDARY
SHORE LINE
STREAM
MAIN STATION ENTRANCE
SCALE NOT TO SCALE
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
FIGURE 2-1
SITE LOCATION MAP
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locations, and analytical procedures. These studies were presented in the work plan for Sites 40 and 42 (E/A&H 1995). Collard's biological trends analysis concluded: (1) the data did not support distinct, discernible trends and (2) future investigations should not attempt to evaluate existing data for these trends because of significant database deficiencies.

Facility-specific studies related to Pensacola Bay summarized below are taken from Ecology and Environment Inc. (E&E; 1991, May and July 1992).

Pensacola Bay Studies

1984 **Thompson Engineering & Testing** – collected sediment samples along the four edges of the turning basin for analysis of grain size, polychlorinated biphenyls (PCBs), oil and grease, and total and volatile solids. PCBs were not detected and metals concentrations were considered representative of natural conditions.

1984 **Geraghty & Miller** – Sediment samples were collected from storm sewer outfalls approximately 300 feet offshore of the facility's southeastern waterfront. Trace amounts of arsenic were detected in some samples, but the method used was inappropriate for assessing the total contaminant burden to sediment.

1982-1985 **Florida Department of Environmental Protection (FDEP)** – Sediment samples collected from Pensacola Bay's turning basin south of the waterfront, Big Lagoon, and the mouth of Bayou Grande showed elevated concentrations of mercury and lead. Ratios of Total Kjeldahl Nitrogen to TOC indicated nitrogen-enriched sediments in the turning basin and at the mouth of Bayou Grande.

1986 **U.S. Navy** – Water and sediment samples collected from the turning basin were analyzed for heavy metals during an environmental impact study. Results are considered suspect because laboratory quality assurance/quality control (QA/QC) data were not provided. According to the consultant's report, chromium and zinc concentrations were elevated.

1991 **Ecology and Environment, Inc. (E&E)** — A Phase I Contamination Assessment/Remedial Activities Investigation was conducted at Site 2, the waterfront sediment, to identify source areas and contaminants of concern and provide recommendations for the next phases of the investigation. Results indicated metals, volatile organic compounds (VOCs), total recoverable petroleum hydrocarbons, and polycyclic aromatic hydrocarbons (PAHs).

Site 2 was investigated as a separate RI. The description is provided because Site 2 is within Site **42.** At Site 2, most of the contamination appeared related to the historical discharge of untreated industrial waste from outfalls on the eastern end of the waterfront, specifically from Building **71** (Site 38). Other sources possibly contributing to the sediment contamination cited above include operations at the aircraft carrier **berth** and naval boatyard, commercial shipping, and private industrial facilities discharging effluent to the bay (E/A&H, **1996).**

3.0 ENVIRONMENTAL SETTING

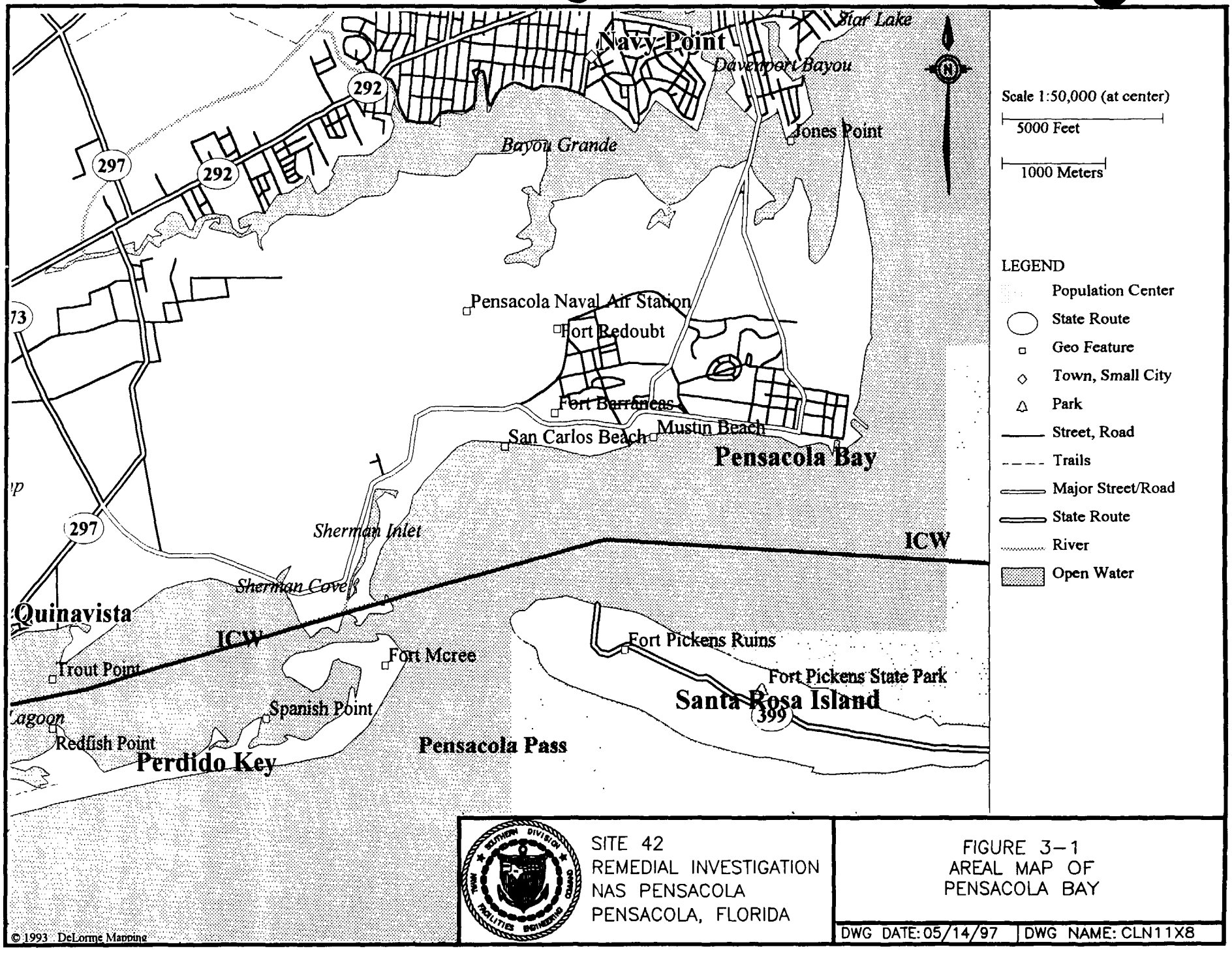
3.1 Physical Setting

NAS Pensacola is in the Gulf Coast lowlands physiographic province on a peninsula bounded by Pensacola Bay to the south and east and Bayou Grande to the north. The main topographic feature is a bluff paralleling the southern and eastern shorelines of the peninsula. Landward of the bluff is a gently rolling upland with elevations up to 40 feet above mean sea level (msl) (USGS, 1970a and 1970b). In the eastern part of the base, a low and nearly level marine terrace lies east of the bluff with elevations of approximately 5 feet or less above msl, constituting the areas of the former Chevalier Field and Magazine Point.

Pensacola Bay in the vicinity of NAS Pensacola is a lower estuarine environment characterized by regular tidal flushing through Pensacola Pass into the ICW (see Figure 3-1). The ICW parallels the southern shoreline of NAS Pensacola, and is used by both commercial and recreational boat traffic. This narrow sound is protected from the Gulf of Mexico on either side of the pass by two barrier islands, Santa Rosa Island and Perdido Key. North of Pier 303, the eastern shoreline of NAS Pensacola forms the western shore of Pensacola Bay.

3.2 Regional Ecological Setting

According to Wolfe et al. (1988), the Florida Panhandle has a wide variety of surface waters and physiographic regions, leading to an ecological diversity found in few other areas of the United States. Watersheds of the panhandle support a diverse array of habitats and vegetative communities. Bottom land hardwoods predominate in river floodplains while pines, mixed with a variety of other shrubs, prevail in upland areas. Wetlands are prevalent along the coastal fringe and river floodplains. Barrier islands support dune vegetation communities and salt marshes. Bays supporting seagrass meadows and oyster reefs are present in intertidal and subtidal areas.



SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 3-1
AREAL MAP OF
PENSACOLA BAY

DWG DATE: 05/14/97 | DWG NAME: CLN11X8

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

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

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

3.3 Ecological Setting at NAS Pensacola

NAS Pensacola, which occupies approximately 5,800 acres, is bounded by Bayou Grande to the north and Pensacola Bay to the east and south. To the west, the installation changes to less developed swampy lowlands. NAS Pensacola's eastern portion is largely developed, with military and industrial facilities and historical/cultural sites. Most of the installation's activities are on the eastern side of the base. The less developed west side of the base has approximately 3,500 acres of natural or seminatural beach areas, forests, and wetlands.

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

Vegetation Communities

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

Wildlife

NAS Pensacola habitats provide potential ranges for a wide variety of animal life such as deer, squirrel, opossum, raccoon, fox, beaver, and bobcat. The station's beaches serve as resting, feeding, and nesting areas for various shorebirds. Ospreys have been observed nesting along undeveloped shoreline areas of the Big Lagoon,. southeast of the Forrest Sherman Airfield.

Numerous small mammals, amphibians, and reptiles also inhabit the base. The coastal marsh, submerged grass bed, and shallow water habitats at NAS Pensacola help support fishery communities within the Pensacola Bay estuarine complex. Approximately 180 species of bony fishes form the basis of the Pensacola Bay fish community (USFWS, 1987).

Threatened and Endangered Species

Appendix A of the ***Comprehensive Natural Resources Management Plan for NAS Pensacola and Outlying Field Bronson*** (USFWS, 1987) lists the rare, threatened, and endangered species that may be found within NAS Pensacola boundaries. E/A&H investigations of different areas of NAS Pensacola have identified osprey, great blue heron (as well as other shorebirds), alligator snapping turtle, Godfrey's golden aster, Carolina lilaeopsis, white-top pitcher plant, and narrow-leaved sundew. All are considered rare or endangered for Escambia County, Florida, by the Florida Natural Areas Inventory (FNAI, 1995).

Pensacola Bay at NAS Pensacola

A master species list compiled for Pensacola Bay by Collard (1991) from a 35-year period of literature included 408 species, consisting primarily of sessile infaunal macroinvertebrate taxa. He noted some species on the list may have been represented by transient populations that have since emigrated or become locally extinct due to changing conditions in the bay. Collard stated that despite this cumulative record of species, the species diversity of Pensacola Bay is comparatively low, with most biota commonly sampled being sessile benthic macroinvertebrates. Major benthic habitat types within Pensacola Bay are defined by Olinger et.al. (1975) as (1) a broad central mud plain; (2) a nearshore transition zone with relatively steep slopes and sediments grading from mud to sand; and (3) a sandy shelf along bay margins. E&E documented all three of these substrate types at Site 2 during the Phase I sediment sampling (E&E, 1991).

The Site 42 sediment-mapping phase observed the same bottom types: (1) mud flat; (2) transition areas with low-angle slopes and sediments grading from mud to sand; and (3) sandy bottom forming beaches and shelves along bay margins. A mud plain habitat represents depositional areas and is often 6 to 12 inches thick with a gel-like black appearance and a sulfide odor. Sediments and bottom contours of the mud plain have been altered at NAS Pensacola by dredging the carrier turning basin.

Natural hard substrates are sparse throughout the bay, and those that are present consist primarily of oyster reefs and areas scoured by strong bottom currents. Along the nearshore areas of NAS Pensacola, artificial hard substrates – concrete seawalls, seaplane ramps, and piers – are locally common.

Seagrass beds were once an abundant habitat throughout Pensacola Bay, and no longer occur in lower reaches of the bay, except in sounds behind barrier islands (Collard, 1991). Near NAS Pensacola, seagrasses are plentiful only in Sherman's Cove and westward to Trout Point.

The soft-bottom benthic communities of lower Pensacola Bay contain mostly thiobacillus, surface deposit-feeding polychaete and amphipods, as well as small, sessile, suspension-feeding bivalve molluscs. Few individual species are abundant, although the higher salinity regions of the bay display greater species diversity than lower salinity regions. Species abundance also increases during the winter (Collard, 1991). Gastropods, hermit crabs, and burrows of thiobacillus polychaete were observed in near-shore sediments at Site 2, while biota noted along hard substrates include algae, sponges, bryozoans, and barnacles (E&E, 1991). Little information is available on planktonic, nectonic, or motile epibenthic communities in Pensacola Bay, and information on icthyofauna is generally limited to commercial or recreational fish species (Collard, 1991). Field observations during sample collection for Site 42 verified these

observations. In addition, brittle starfish, sea lancet, anemone, comb jellyfish, were seen in the dredge samples.

3.4 Area Climate

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

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

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

4.0 PRELIMINARY SURVEY

A Site 42 preliminary survey and Phase I sediment mapping were conducted in February 1995. This Phase I sediment mapping survey developed the sampling strategy for Phase II. Sampling locations within Pensacola Bay were selected based on a contaminant source diagram developed to evaluate sources of contaminant input to Pensacola Bay. The contaminant source diagram, Figure 4-1, provides a overview of all identified RI sites, spill locations, petroleum sites assessing the most likely point(s) of discharge into the bay. This assessment took into account the presence of drainage ditches, outfalls, groundwater discharge, and other pertinent transport mechanisms. The sediment mapping phase for the bay was conducted to determine areas where contarninant deposition would likely occur. Areas of fine-grained sediment and high TOC were considered to have a high potential for absorption of contaminants and were emphasized in the selecting sampling stations.

Criterion Descriptions

Discussed in Section 3, the RI and other pertinent reports on NAS Pensacola were reviewed to determine the site contaminants that could feasibly impact portions of Pensacola Bay. Inorganic and/or organic constituents were identified at these sites. For those sites identified with a potential for impacting the bay, transport pathways were identified. The primary mechanisms being surface water and groundwater pathways. In accordance with the work plan and SAP, a contaminant source diagram was constructed (Figure 4-1) depicting the potential sources, site locations, spills, and storm water outfalls affecting Pensacola Bay. Table 4-1 provides information on pathway determination relative to sites at NAS Pensacola.

To assess bottom sediment characteristics at shoreline areas, a field survey was conducted to determine both qualitative and quantitative data. During Phase I, Pensacola Bay was sampled at 167 locations to determine sediment type. The qualitative assessment involved visual description of sediments using the Unified Soil Classification System (USCS) procedures along with noting

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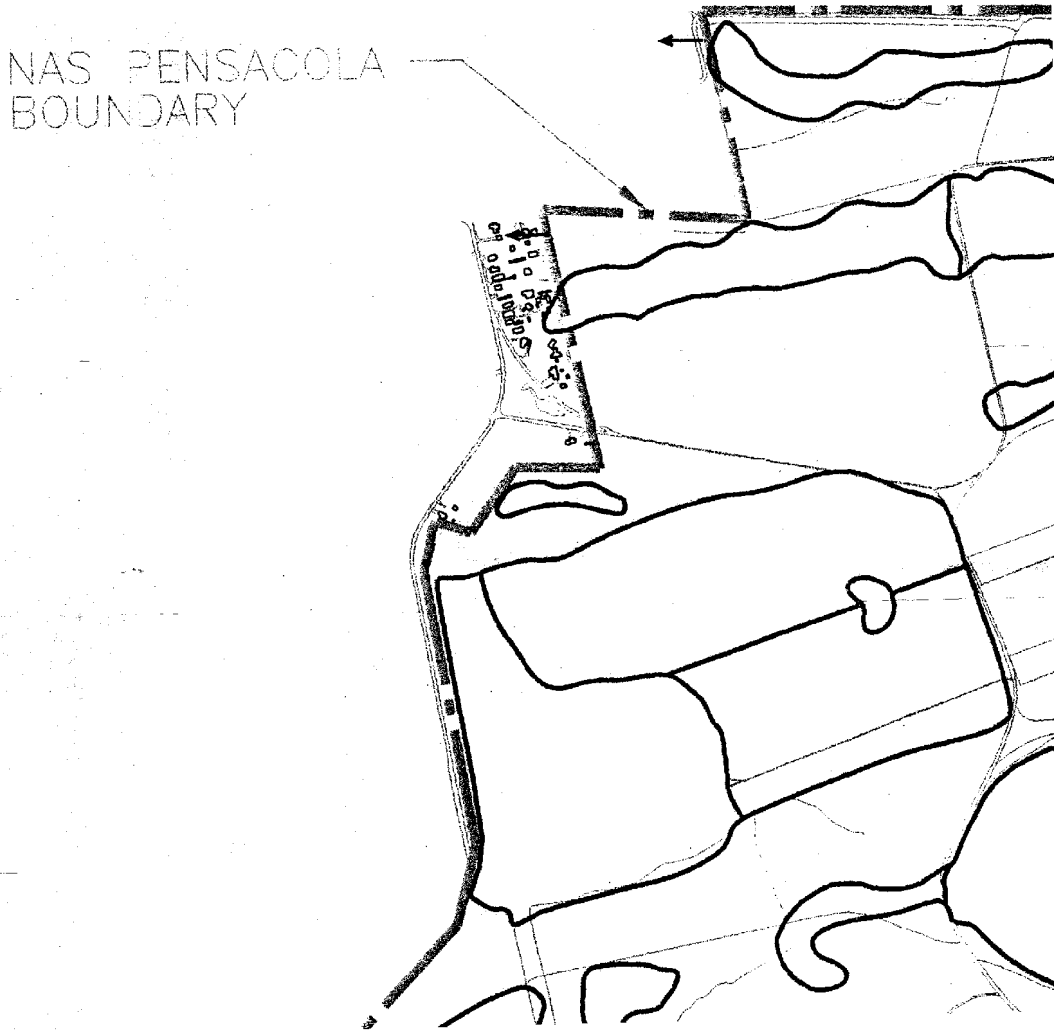
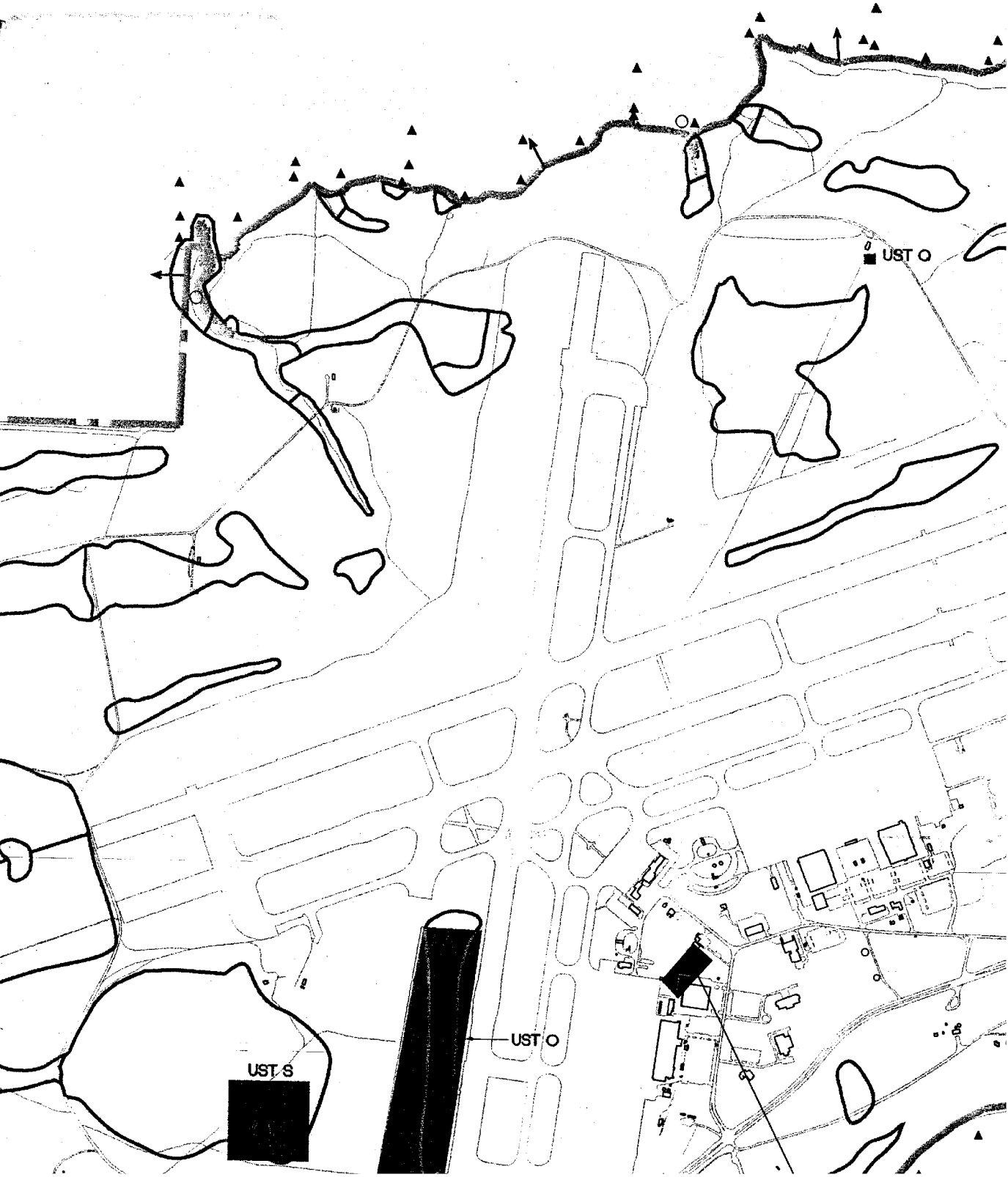

NAS PENSACOLA
BOUNDARY


UST Q
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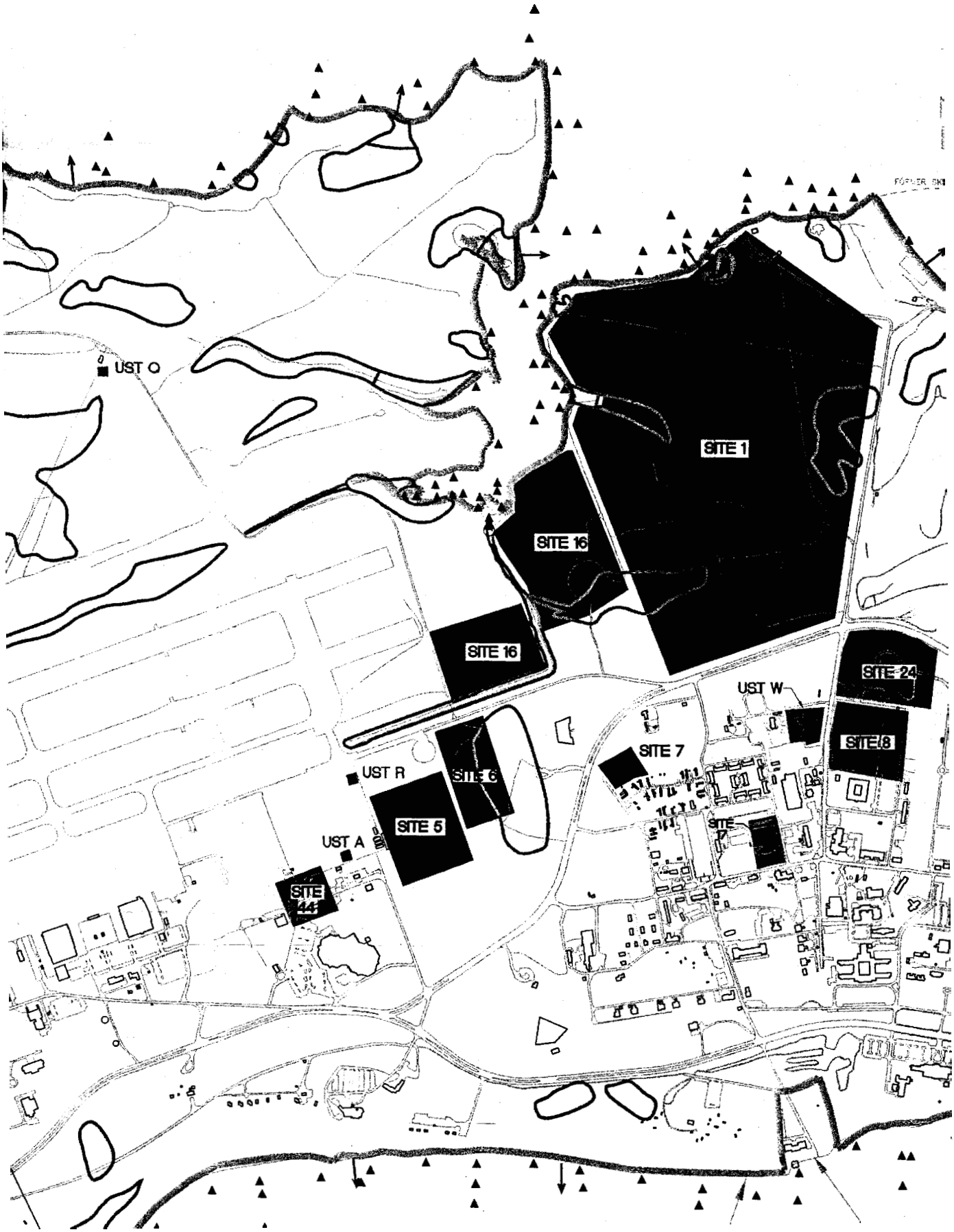
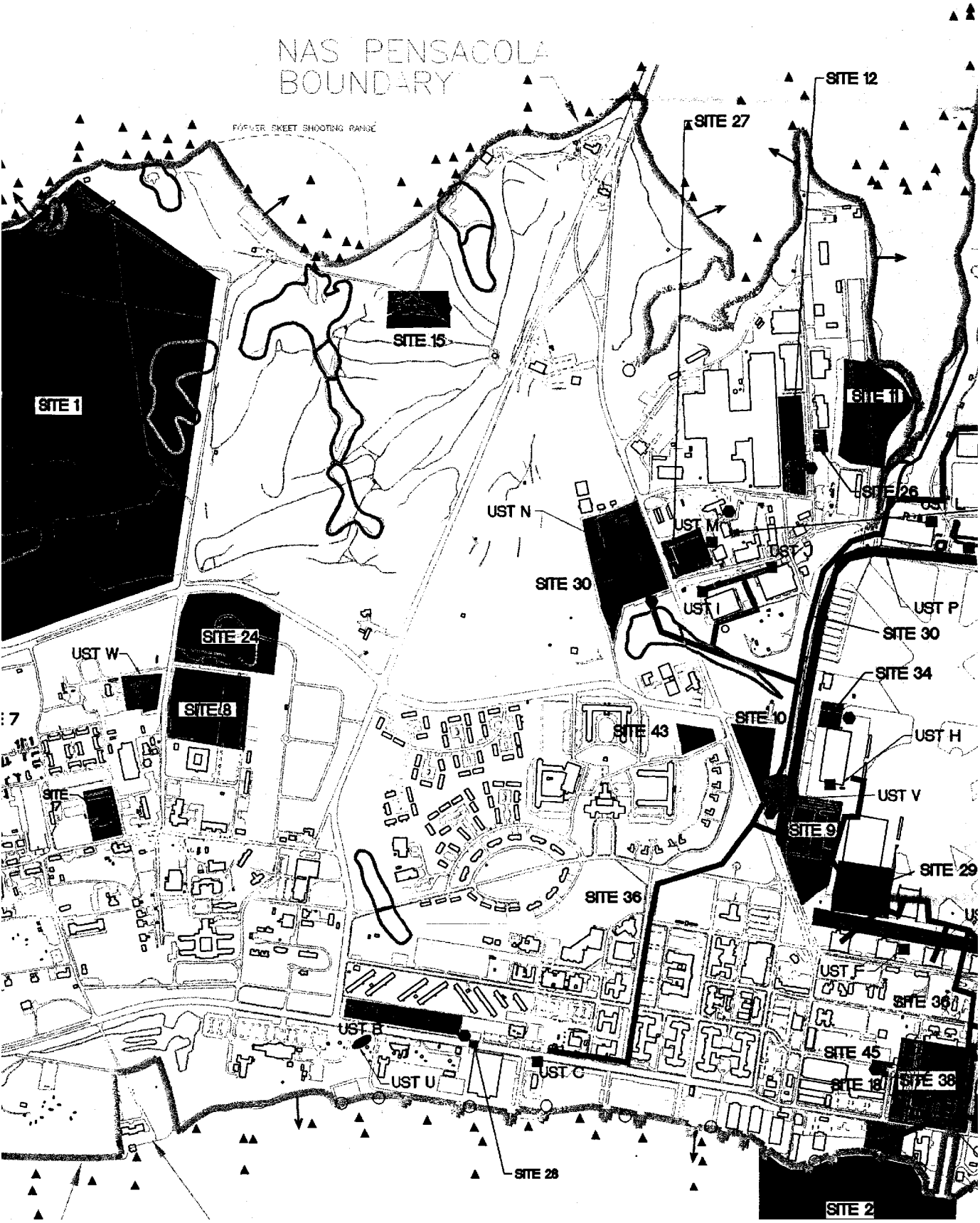
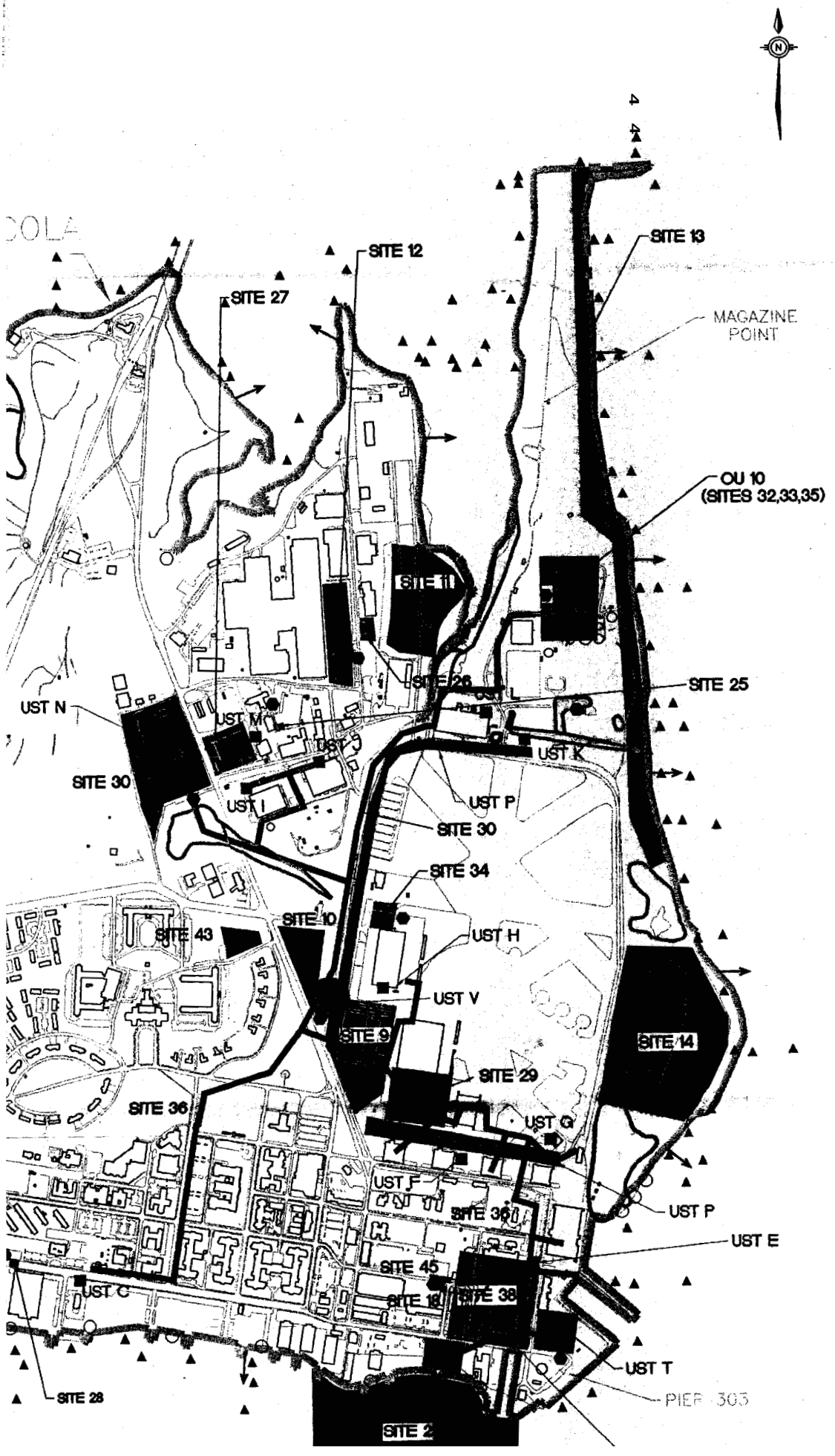

UST O
SITE 1
SITE 16
SITE 16
SITE 24
UST W
SITE 8
SITE 7
UST R
SITE 6
SITE 5
UST A
SITE 44


NAS PENSACOLA
BOUNDARY
FORLER SKEET SHOOTING RANGE
SITE 12
SITE 27
SITE 15
SITE 1
SITE 11
SITE 26
UST N
UST M
UST J
SITE 30
UST I
UST P
SITE 30
SITE 24
UST W
SITE 8
SITE 34
SITE 10
SITE 43
UST H
UST V
SITE 9
SITE 29
SITE 36
UST F
SITE 36
UST B
SITE 45
UST U
UST C
SITE 18
SITE 38
SITE 28
SITE 2


COLA
SITE 12
SITE 13
SITE 27
MAGAZINE POINT
OU 10 (SITES 32,33,35)
SITE 11
SITE 26
SITE 25
UST N
UST M
UST J
UST K
SITE 30
UST I
UST P
SITE 30
SITE 34
SITE 10
SITE 43
UST H
UST V
SITE 9
SITE 14
SITE 29
SITE 36
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UST P
UST E
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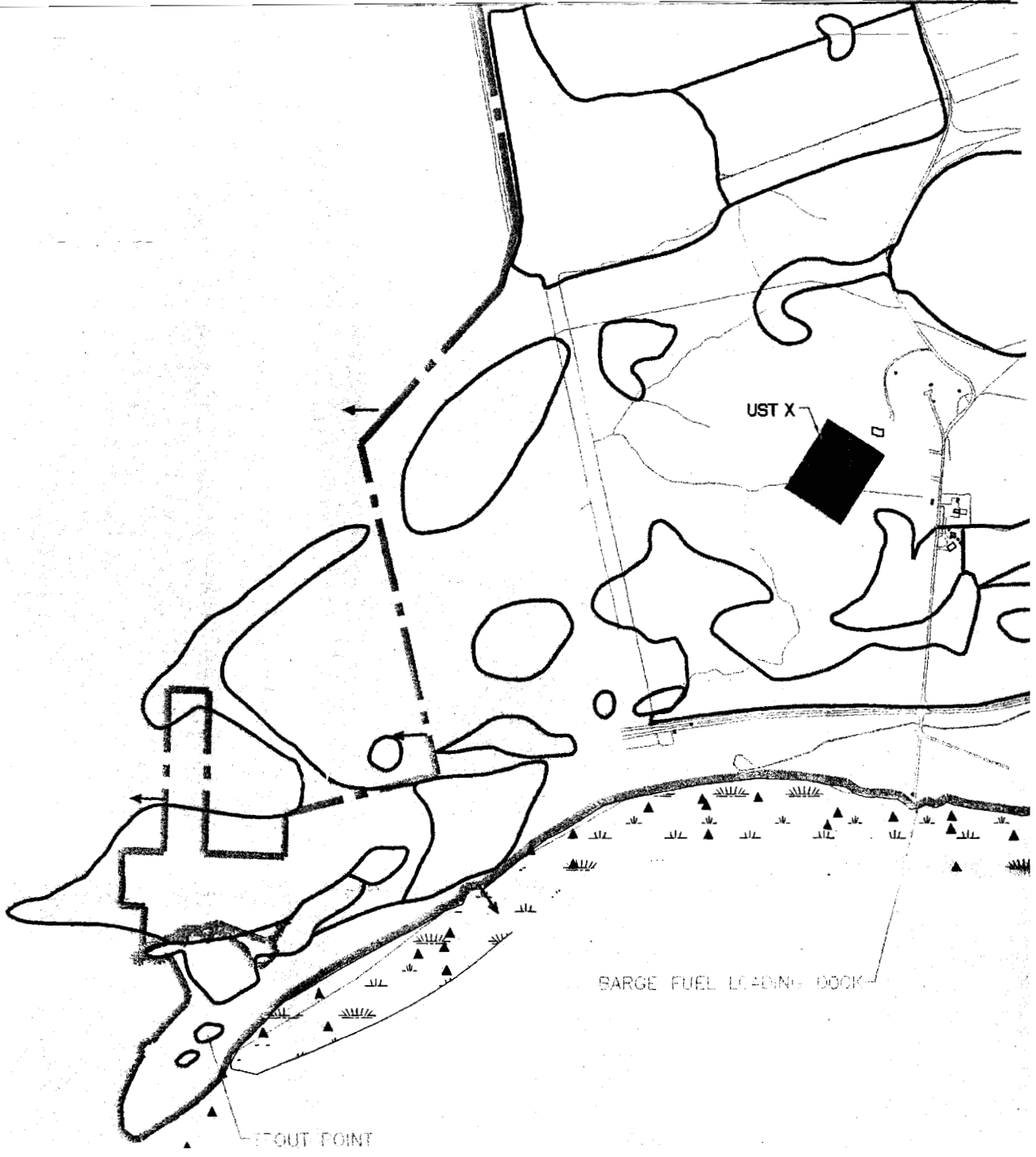
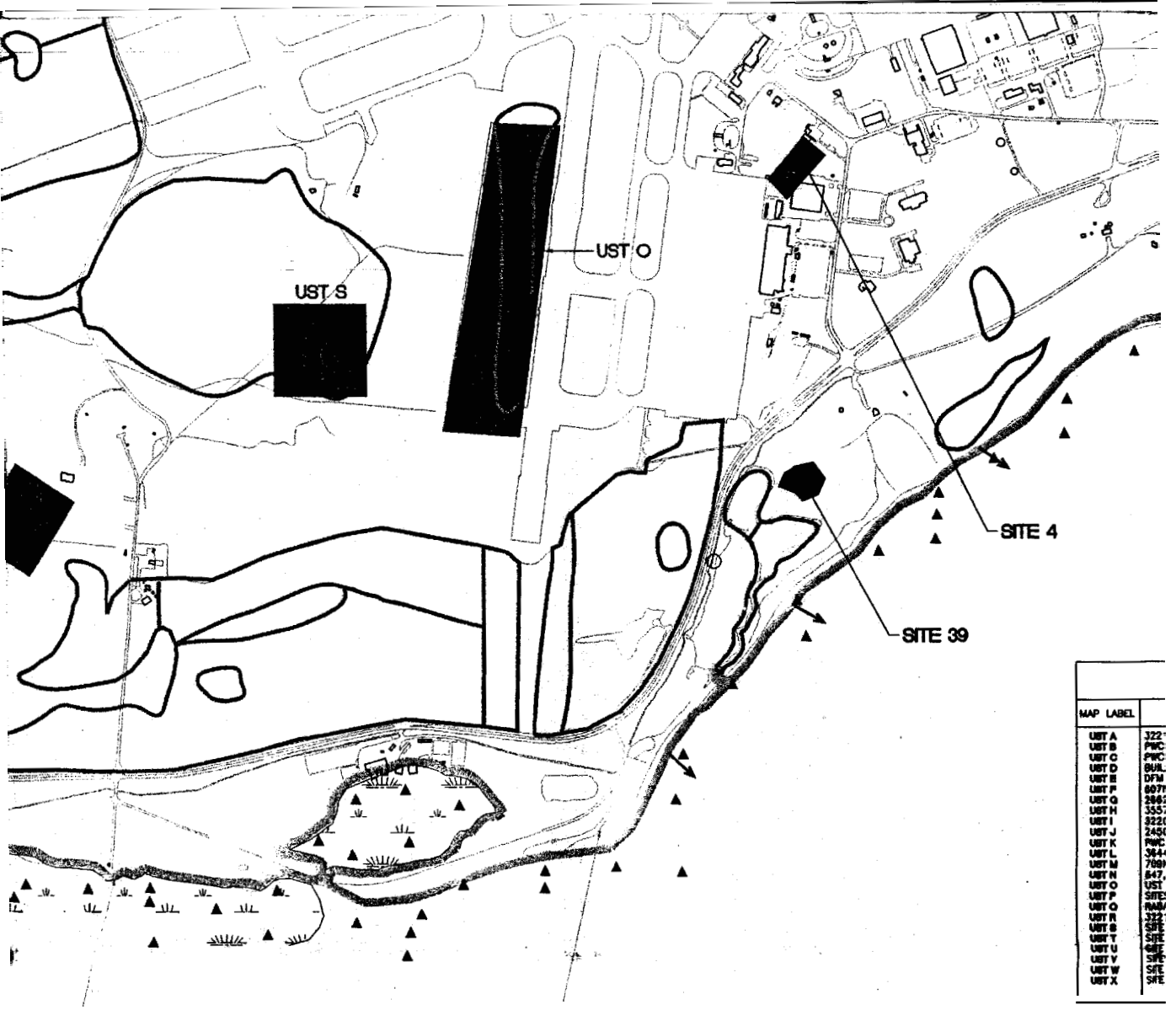
UST C
SITE 18
SITE 38
UST T
SITE 28
PIER 303
SITE 2

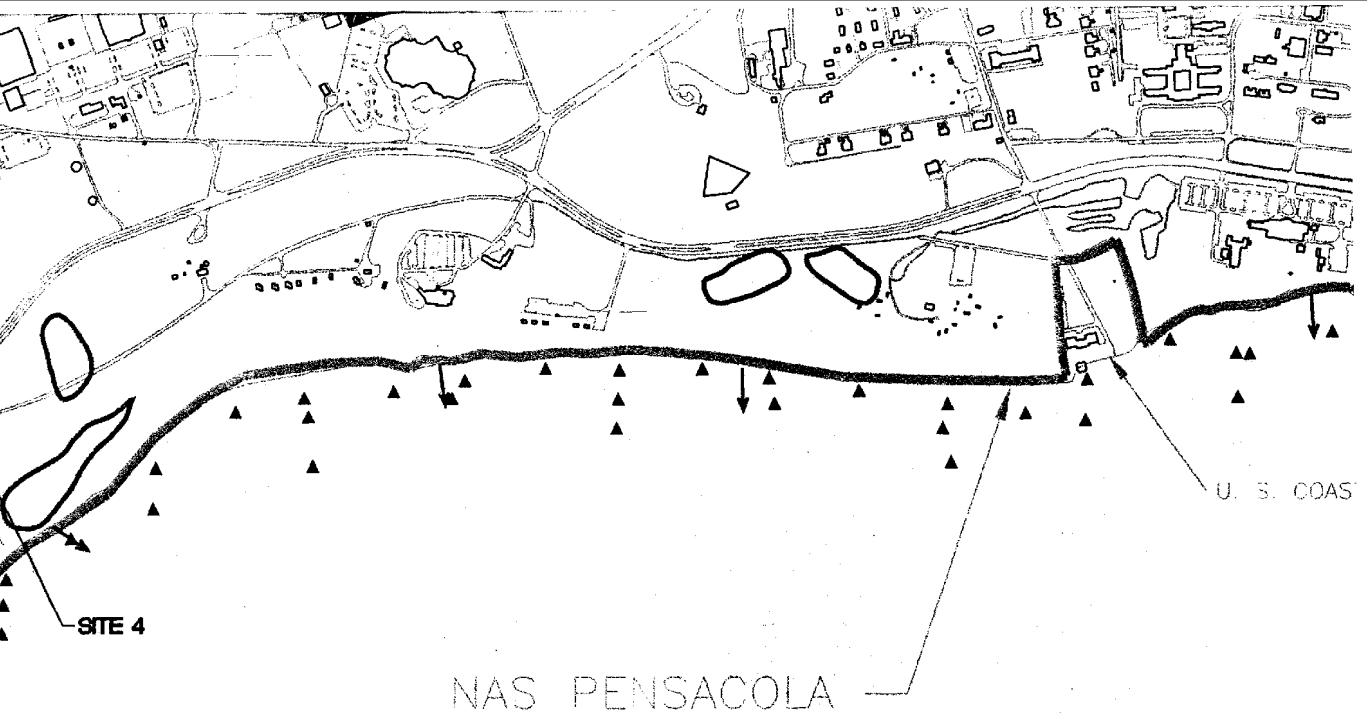

UST X
BARGE FUEL LOADING DOCK
TROUT POINT



HERMAN'S POINT

MAP LABEL	
UST A	322
UST B	PWC
UST C	PWC
UST D	BUIL
UST E	DFM
UST F	8071
UST G	284
UST H	3557
UST I	322
UST J	245
UST K	PWC
UST L	364
UST M	709
UST N	847,
UST O	UST
UST P	SITE
UST Q	RMM
UST R	322
UST S	SITE
UST T	SITE
UST U	SITE
UST V	SITE
UST W	SITE
UST X	SITE

SITE	SOIL CO
1	METALS, P
3	METALS, P
5	(NO SUBS
8	METALS, P
9	METALS, P
10	PESTICIDES
11	METALS, P
12	METALS, P
13	METALS
14	METALS
15	METALS, P
16	METALS, P
17	METALS, P
18	METALS, P
24	METALS, P
25	METALS, P
26	SVOCs
27	METALS, P
28	METALS, S
29	METALS, P
30	METALS, P
31	METALS, S
32	METALS, S
33	METALS, S
34	(NO SURF
38	METALS, P
39	



E 39

PETROLEUM SITES POTENTIALLY IMPACTING PENSACOLA BAY[1]				
MAP LABEL	SITE NAME	TANKS/SIZE	CONTENTS	GROUNDWATER CONTAMINANTS
UST A	3221SW	1/1000 GAL.	WASTE OIL PD-680	TCE, PCE, METHYLENE CHLORIDE
UST B	PWC SITE 4	SLUDGE DISPOSAL	WASTE OIL, JET FUEL	PETROLEUM HYDROCARBONS
UST C	PWC SITE 1	PIPELINE	JP-5	PETROLEUM HYDROCARBONS
UST D	BUILDING 604	UNKNOWN	TCE	CHLORINATED SOLVENTS
UST E	DFM PIPELINE	PIPELINE	DIESEL	NONE
UST F	607NE	2/500 GAL.	WASTE OIL, JET FUEL	LEAD
UST G	2662W	1000 GAL.	USED OIL, JP-5	BTEX
UST H	3557	2/500 GAL.	WASTE OIL	NONE
UST I	3220	MULTIPLE TANKS/UNKNOWN SIZE	DIESEL, WASTE OIL TCE	UNKNOWN
UST J	2450W	MULTIPLE/1000 GAL.	GASOLINE	UNKNOWN
UST K	PWC SITE 3/3810N	1/500 GAL.	FUEL OIL	TRPHs, PAHs
UST L	3844	2/8000 GAL.	DIESEL	PETROLEUM HYDROCARBONS
UST M	709N,S	2/2000 GAL.	FUEL OIL	UNKNOWN
UST N	647, 648, 649, 892	3/1000 GAL., 3/500 GAL.	WASTE OIL KEROSENE	UNKNOWN
UST O	UST 18	OPEN PITS	JET FUEL WASTE OIL	BTEX, LEAD
UST P	SITES 1 TO 13	AVGAS LINE AND 12 TANKS/500 GAL.	JET FUEL	LEAD, PETROLEUM HYDROCARBONS
UST Q	RADAR SITE 3255	1/300 GAL.	DIESEL	PETROLEUM HYDROCARBONS
UST R	3221NE	1/500 GAL.	WASTE OIL WATER TAINTED JP-5	NONE
UST S	SITE 19	PIPELINE	JET FUEL	PETROLEUM HYDROCARBONS
UST T	SITE 20	1/1,511,580 GAL., AST	JP-5	PETROLEUM HYDROCARBONS
UST U	SITE 24	UNKNOWN	JET FUEL	PETROLEUM HYDROCARBONS
UST V	SITE 23	UNKNOWN	JET FUEL	PETROLEUM HYDROCARBONS
UST W	SITE 26	UNKNOWN	M FUEL	PETROLEUM HYDROCARBONS
UST X	SITE 27	UNKNOWN	JET FUR	PETROLEUM HYDROCARBONS

SITE
3
15
17
18
19
23
22
23
24
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26
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OU-10
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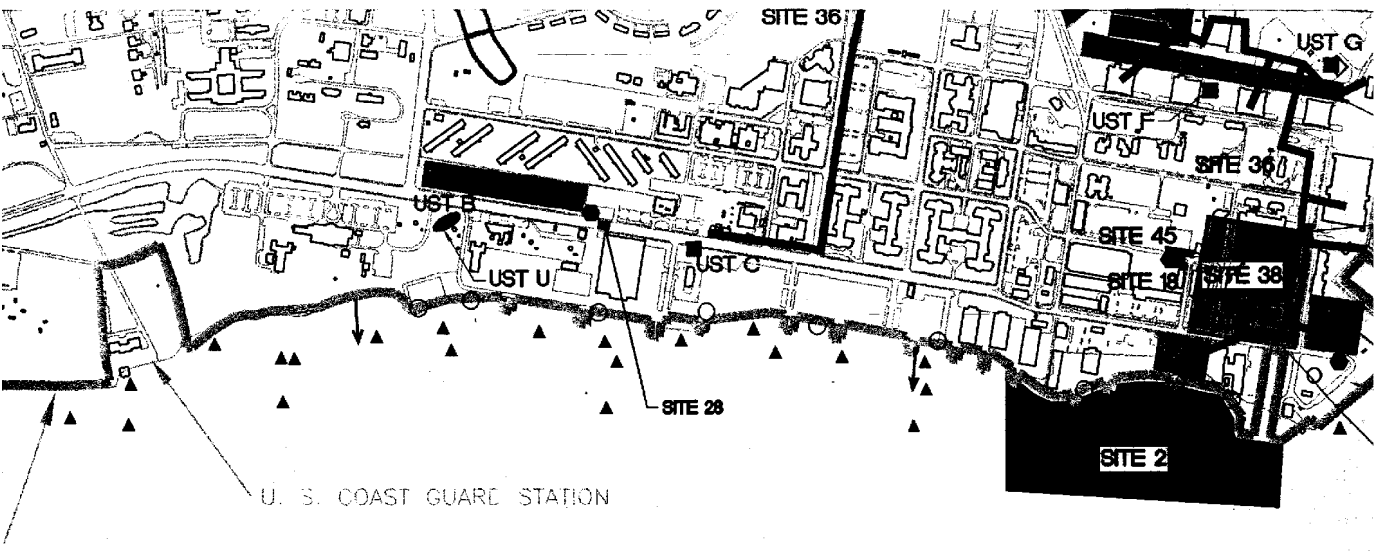
44
38

POTENTIAL IMPACTS TO PENSACOLA BAY FROM SOIL/GROUNDWATER[2] CONTAMINANTS AT NAS PENSACOLA SITES INVESTIGATED BY E/A&H			
SITE	SOIL CONTAMINANTS	GROUNDWATER CONTAMINANTS	IMPACT
1	METALS, PCBs, SVOCs	METALS, SVOAS, VOAs	BAYOU GRANDE
3	METALS, PESTICIDES, SVOCs, VOCs	METALS, SVOAs, VOAs	PENSACOLA BAY, BAYOU GRANDE (FROM STORM DRAINS)
	(NO EXCEEDANCES)	METALS	BAYOU GRANDE
8	METALS, PESTICIDES, SVOCs	METALS	BAYOU GRANDE (FROM STORM DRAINS)
	METALS, PESTICIDES, SVOCs	METALS	BAYOU GRANDE
10	PESTICIDES, SVOCs	METALS	BAYOU GRANDE
11	METALS, PCBs, SVOCs	METALS, PESTICIDES	BAYOU GRANDE
12	METALS, PESTICIDES, PCBs, SVOCs	METALS, PESTICIDES	BAYOU GRANDE
13	METALS	METALS	PENSACOLA BAY
14	METALS	METALS	PENSACOLA BAY
16	METALS,PBS,SVOCs	METALS	BAYOU GRANDE
	METALS, PESTICIDES, SVOCs	METALS	BAYOU GRANDE
17	METALS, PESTICIDES, PBS, SVOCs	METALS,	BAYOU GRANDE (FROM STORM DRAINS)
18	METALS, PBS, SVOCs	METALS	PENSACOLA BAY
24	METALS, PESTICIDES, PBS, SVOCs	METALS	BAYOU GRANDE (FROM STORM DRAINS)
25	METALS, PESTICIDES	METALS	BAYOU GRANDE
26	SVOCs	METALS, SVOAs, VOAs	BAYOU GRANDE
27	METALS, PESTICIDES, SVOCs	METALS, RADIATION	BAYOU GRANDE
28	METALS, SVOCs	METALS, SVOAs, VOAs	PENSACOLA BAY
29	METALS, PESTICIDES, SVOAs	(GW NOT INVESTIGATED)	BAYOU GRANDE
30	METALS, PESTICIDES, PBS, SVOCs	METALS, PESTICIDES	BAYOU GRANDE
31	METALS, SVOCs, PESTICIDES	METALS, PESTICIDES, SVOAs, VOAs	PENSACOLA BAY, BAYOU GRANDE
32	METALS, SVOCs, PESTICIDES	METALS, VOLATILES	PENSACOLA BAY, BAYOU GRANDE
33	METALS, SVOCs, PESTICIDES	METALS, VOLATILES	PENSACOLA BAY, BAYOU GRANDE
34	(NO SURFACE SOIL CONTAMINANTS)	METALS, SVOAs	
38	METALS, PESTICIDES, PBS, SVOCs	METALS, SVOCs, VOAs	PENSACOLA BAY
39			PENSACOLA BAY



SPILLS FROM NAS PENSACOLA ENVIRONMENTAL SITES		
SITE	NATURE OF SPILL	YEAR
3	FUEL FROM THE CRASH CREW TRAINING AREA	1955–PRESENT
15	PESTICIDE RINSATE FROM THE GOLF COURSE	1963–1979
17	PCBs FROM TRANSFORMERS STORED AT SITE	ONGOING
18	PCBS FROM A RUPTURED TRANSFORMER	1967
19	FUEL OIL FROM A PIPELINE BREAK	1958
20	FUEL OIL FROM A PIPELINE LEAK	1981
22	DISPOSAL OF FUEL FROM REFUELER TRUCKS	1958–1977
23	FUEL OIL FROM A PIPELINE BREAK	1965
24	PESTICIDES FROM A DDT MIXING AREA	1960s
25	WASTE FROM RADIUM REMOVAL	1978
26	LEAKS FROM CHEMICAL CONTAINERS	1956–1964
28	TRANSFORMER FELL FROM A TRUCK AND LEAKED	1969
29	SKIN BURNS FROM A SUBSTANCE IN SOIL	1961
OU–10	80,000 GALLONS OF INDUSTRIAL WASTE	1979
	SULFURIC ACID SPILL	1989
	FUEL OIL FROM THE BILGE WATER PLANT	1992
30	WASTE DUMPED INTO NEARBY WETLANDS	1940s–
34	SOLVENT DETERGENT SPILL	1960s
44	PAINTS/SOLVENTS STORED AT BUILDING 3380	1972–1981
38	SOLVENTS/METAL PLATING WASTES	1972–1979

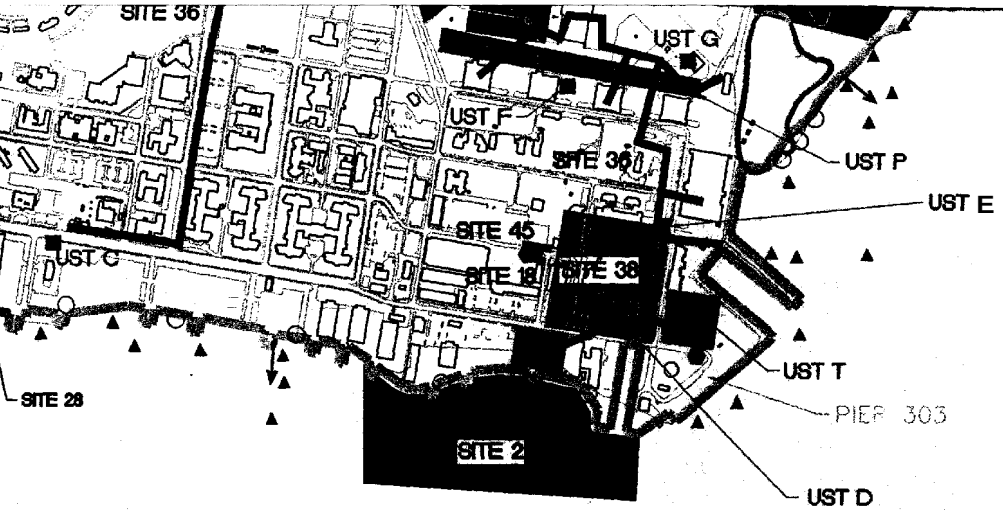
REFERENCES:

1. PETROLEUM SITE INFORMATION BASED ON REPORTS FROM ABB ENVIRONMENTAL SERVICES, INC. AND PUBLIC WORKS CENTER, NAS PENSACOLA.
2. IRP AND OTHER ENVIRONMENTAL SITE INFORMATION BASED ON ENSAFE/ALLEN & HOSHALL REPORTS.
3. SPILLS INFORMATION BASED ON NEESA, 1983 AND HISTORICAL DATA COMPILED IN E/A&H SITE SPECIFIC RI REPORTS.

Dr by: K. BRONSON

Ck by: C. TRIPLETT

Date: 05/20/97



LEGEND

- IRP SITE
- PETROLEUM SITE **OR** UNDERGROUND STORAGE TANK
- WETLAND
- SURFACE **DRAINAGE** DISCHARGE **POINT**, BASED ON DRAINAGE **BASIN ANALYSIS**
- STORM WATER OUTFALL PIPE
- SURFACE SPILL
- SEDIMENT SAMPLE
- ESTUARINE AQUATIC BED
- SITE 36

OLA ENVIRONMENTAL SITES 3	
SPILL	YEAR
CREW TRAINING AREA	1955–PRESENT
I THE GOLF COURSE	1963–1979
ERS STORED AT SITE	ONGOING
D TRANSFORMER	1947

MOVAL	1978
CONTAINERS	1956–1964
M A TRUCK AND LEAKED	1969
UBSTANCE IN SOIL	1981
DUSTRIAL WASTE	1979
	1969
DE WATER PLANT	1992
ARBY WETLANDS	1940s–
LL	1960s
ED AT BUILDING 3380	1972–1981
G WASTES	1972–1979

NOTES:

1. SITE INFORMATION BASED ON FROM ABB ENVIRONMENTAL SERVICES, INC. C WORKS CENTER, NAS PENSACOLA.

2. THER ENVIRONMENTAL SITE INFORMATION DISAFE/ALLEN & HOSHALL REPORTS.

3. ORMATION BASED ON 13 AND HISTORICAL LED IN E/A&H 10 RI REPORTS.

800 0 800
SCALE FEET

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA

FIGURE 4–1
CONTAMINANT SOURCES AND
ECOLOGICALLY SENSITIVE AREAS

Dr by: K. BRONSON	Tr by: 0036–00138	
Ck by: C. TRIPLETT	App by: S. PARKER	Sheet 1
Date: 05/20/97	DWG Name:036RICEA	Of 1

Table 4-1
NAS Pensacola Sites Related to
Assessment Zones in Pensacola Bay

Assessment Zone	Potential Source	Pathway Descriptions	Suspected Contaminants
5	OU 10	Groundwater discharge into bay	Metals, VOCs, SVOCs, Pest/PCBs
	13	Groundwater discharge into bay	Metals, VOCs, SVOCs, Pest/PCBs
	14	Surface water discharge outfalls (2)	Metals, PCBs, PAHs
	30	Groundwater discharge	Metals, VOCs, SVOCs, Pest/PCBs
6	18	Surface water runoff	PCBs
	38	Groundwater discharge	VOCS
	2	Resident sediment from past discharges	Metals, SVOCs
	28	Surface water runoff	PCBs
	21[a]	Surface water runoff	Fuel
7	39	Groundwater discharge	Metals, VOCs
	4	Surface water runoff through Wetlands 56, 57, 58 (Site 41)	Metals, SVOCs
8	Barge Fuel Loading Dock[b]	Potential Spills	Fuel
9	3[a]	Groundwater and surface water flow through Wetland 52 (Site 41)	Metals, VOCs, SVOCs

Notes:
a — Petroleum site
b — Not an IRP site
NA = Not applicable
OU 10 = Operable Unit 10

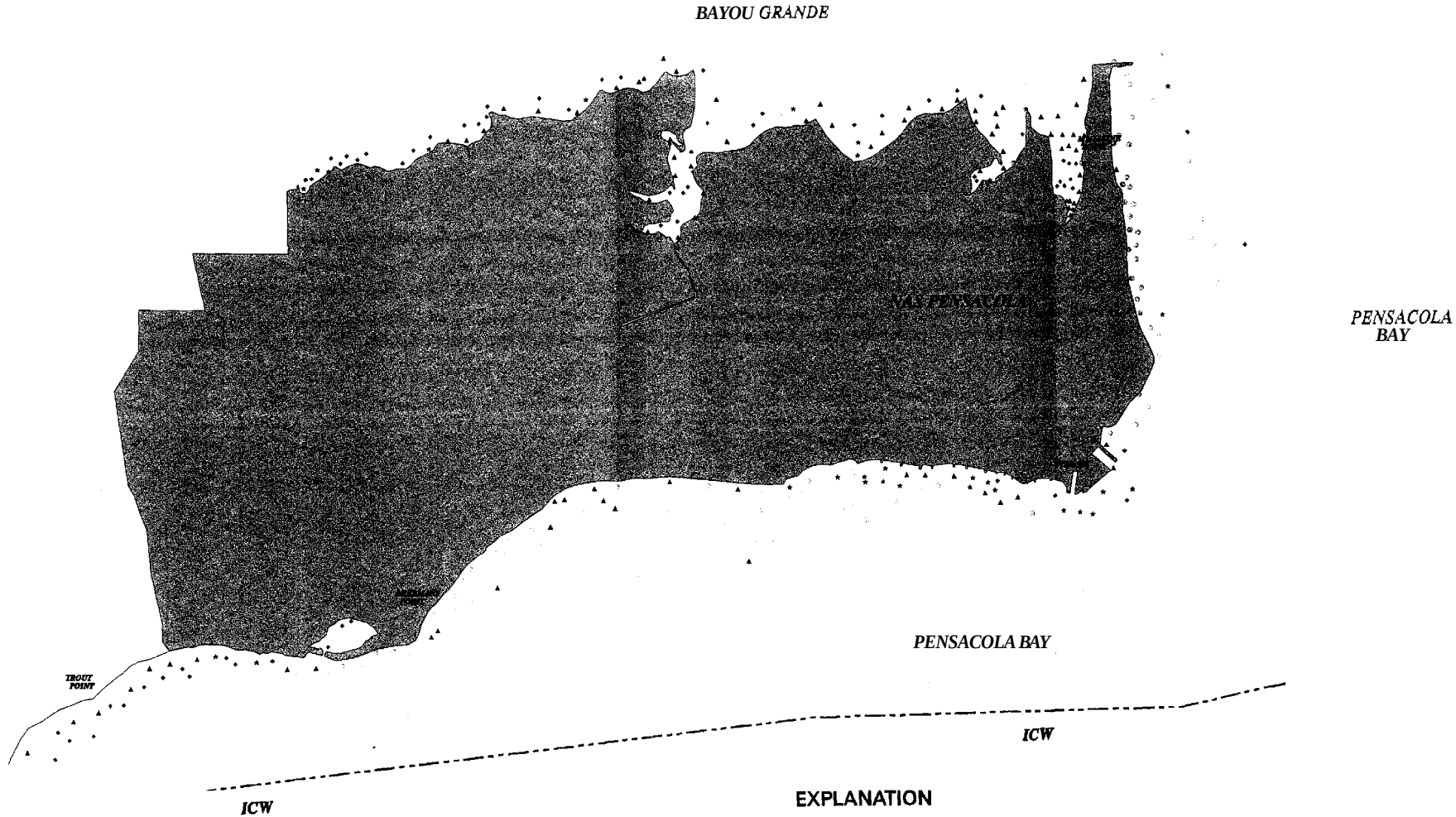
relative significant differences in bottom type between surrounding locations. A quantitative assessment involved collecting 167 samples representing the various bottom types to be laboratory-analyzed for TOC and grain size. Bottom sediment types based on USCS descriptions are shown in Figure 4-2. TOC distributions are presented in Figure 4-3.

The shorelines of NAS Pensacola adjacent to Bayou Grande and Pensacola Bay were divided into AZs and designated with an alphanumeric system. Within each AZ, areas of special interest were selected based on known or suspected influence by land-based sources. AZs one to four are located in Site 40, Bayou Grande, AZs five through nine are located in this study, Site 42. Figure 4-4 depicts the AZs within Bayou Grande and Pensacola Bay.

Pensacola Bay Assessment

The Pensacola Bay assessment begins in the east with AZ-5, which extends from the pass of Bayou Grande south to the most northern point of Pier 303. This zone was exclusively sand with a few pockets of fine-grained sediments offshore. Primary areas of influence along the zone include: IWTP, potentially contributing VOCs, semivolatile organic compounds (SVOCs), metals, pesticides, and PCBs; Site 13/Wetland 10, which contained pesticides and PCBs; Site 14, which had evidence of metals, PAHs, and PCBs; and Site 30, which could contribute metals, VOCs, SVOCs, pesticides, and PCBs via groundwater. When Chevalier Field was operating, a National Pollutant Discharge Elimination System (NPDES) outfall just south of Site 14 discharged wastewater from a aircraft wash rack. This outfall had the potential of discharging detergents and petroleum-related compounds.

AZ-6 extends from the northern point of Pier 303 west to the U.S. Coast Guard Station. This portion of the bay includes Site 2. Sediment along this segment is primarily sand but mud flats and sandy transition areas were also identified. Potential contaminants for this segment included those identified for Site 2: inorganics and SVOCs. Also, numerous storm water outfalls along



EXPLANATION

◆	OL-CL -	[Organic and inorganic clays, silts, sandy clays, silty clays]
A	OL-SM -	[Silts, sandy silts, silty sands, clayey silts, sand-silt-clay mixtures1
★	ML-SP -	[Silty sands, clayey sands, sand-silt-clay mlxtures1
	SP-SW	[Well-graded fine poorly graded sands,

SCALE

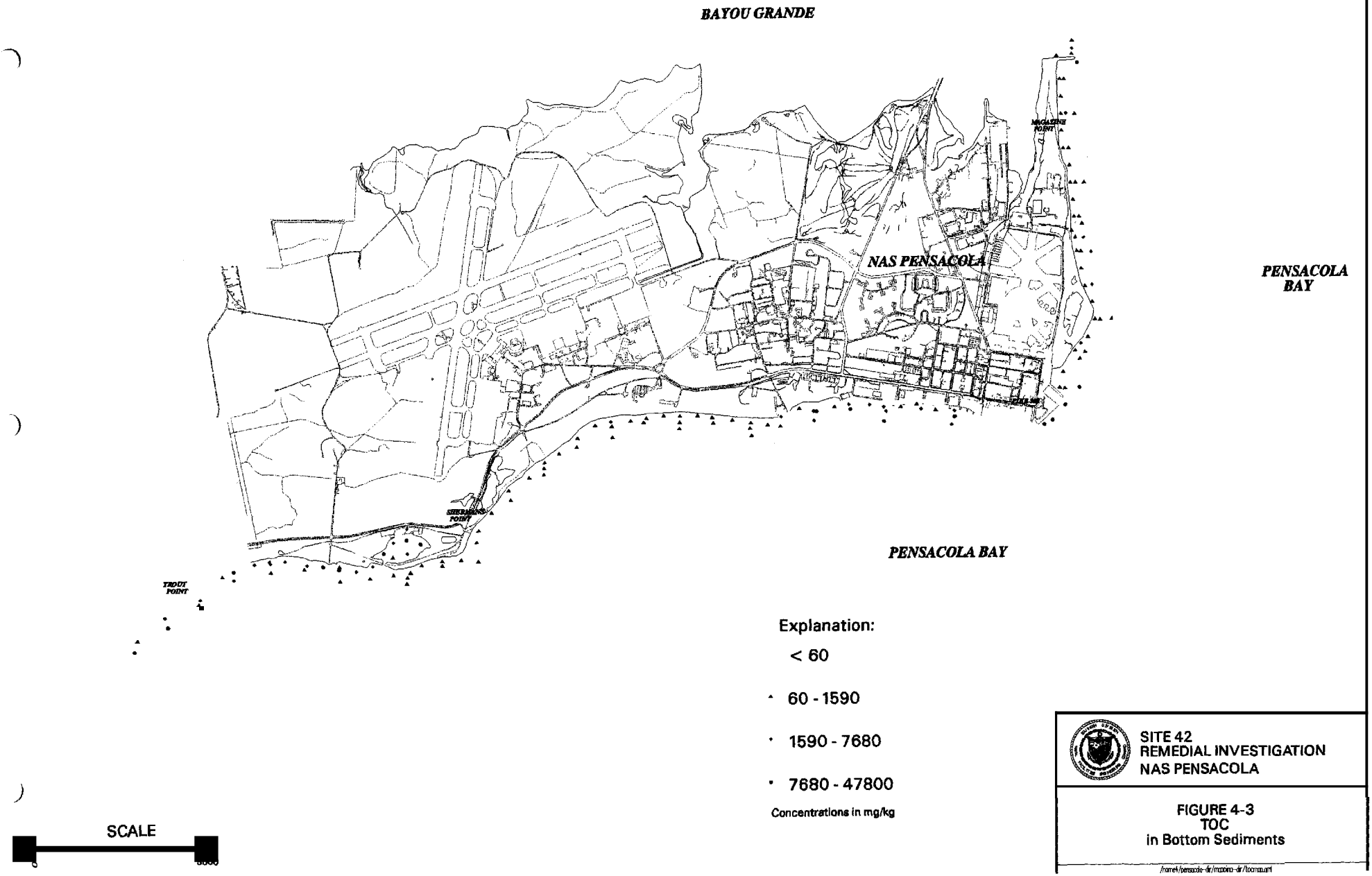
0 feet 5000

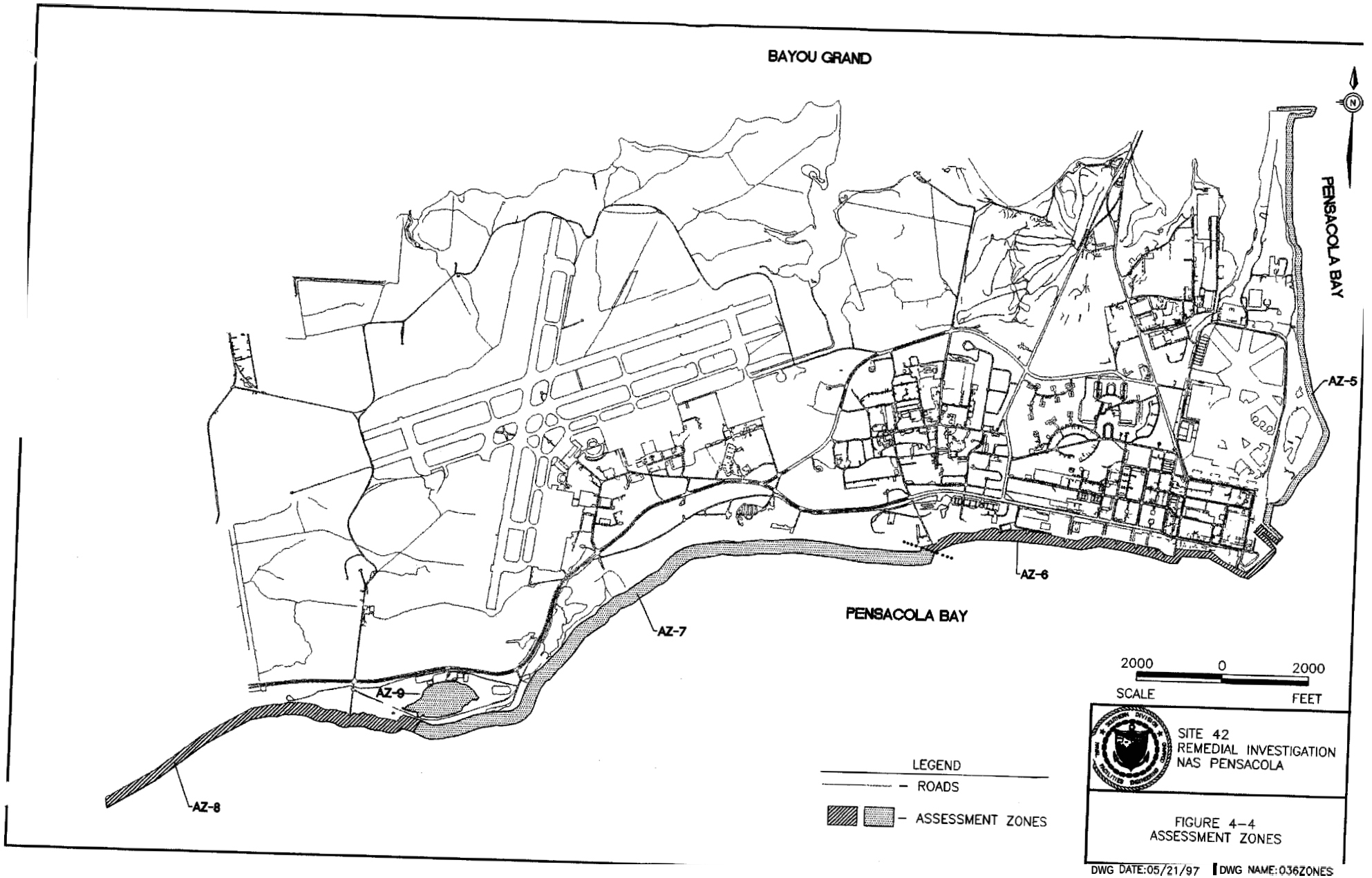
REMEDIAL INVESTIGATION
SITES 40 AND 42
NAS PENSACOLA

FIGURE 4-2

BOTTOM SEDIMENT TYPES
BASED ON USCS DESCRIPTIONS

/home4/pensacola-dir/mapping-dir/sedtypes.mf


BAYOU GRANDE
NAS PENSACOLA
PENSACOLA BAY
PENSACOLA BAY
MAGAZINE POINT
SHERRARDS POINT
TROUT POINT
Explanation:
< 60
60 - 1590
1590 - 7680
7680 - 47800
Concentrations in mg/kg
SCALE
0
6000
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
FIGURE 4-3
TOC
in Bottom Sediments


BAYOU GRAND
PENSACOLA BAY
PENSACOLA BAY
AZ-5
AZ-6
AZ-7
AZ-8
AZ-9
2000 0 2000
SCALE FEET
LEGEND
ROADS
ASSESSMENT ZONES
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
FIGURE 4-4
ASSESSMENT ZONES
DWG DATE:05/21/97
DWG NAME:036ZONES

this shoreline segment could provide input from Sites **18, 21**, and **28.** Contaminants from operating watercraft and docking facilities could occur at the Coast Guard basin and around Pier 303. Fuels, anti-fouling paints, zinc cathodic devices, and other metals are possible contaminants in these areas.

AZ-7 extends from the Coast Guard station west to the inlet to Sherman's Cove. Sediments are mostly sand with scattered areas of silty clayey sand. The only contaminant source in this zone is Site **39.** VOCs and inorganics were the constituents at this site. The zone may receive input from Site **41** Wetlands **56, 57,** and **58 as** a result of downstream transport through these wetlands from Site **4,** Other potential sources include an NPDES outfall in Sherman's inlet and ICW traffic.

AZ-8 extends from the western point at the inlet to Sherman's Cove west to the boundary of the naval base at Trout Point. The only potential source to this AZ is the barge fuel loading dock. This dock is a receiving point for all jet fuels delivered to the base via barge. Field observations indicated a fuel odor in the sediment around the dock.

AZ-9 includes Sherman's Cove to its connection with the ICW. Sherman's Cove has been designated as Wetland **54,** but its use as an open-water system precludes including it as a true wetland; thus, it will be addressed in this study. Sediments within Sherman's Cove are primarily silts and clays. The cove may receive downstream input to the cove through Wetland **52** from Site 3. Contaminants identified at Site **3** include inorganics, VOCs, and SVOCs.

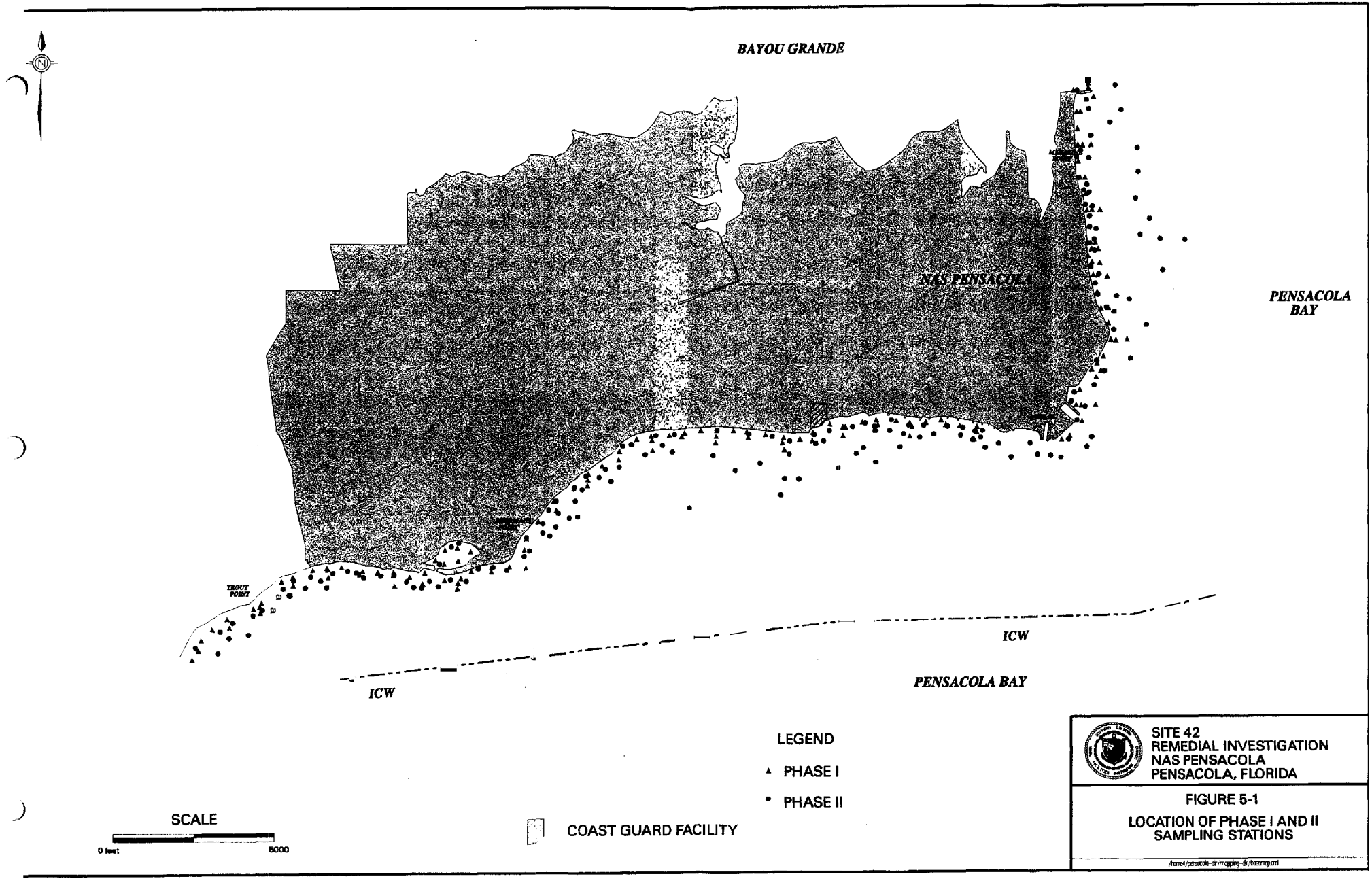
5.0 FIELD INVESTIGATION METHODS

The Site 42 field investigation was conducted in February 1995 (Phase I) and between October 1995 and January 1996 (Phase II). The investigation was conducted to confirm whether contaminants were present, comparing identified constituents to previously established sediment screening levels. Work was performed in accordance with the work plan (E/A&H, September 1995), the *SAP*, the *CSAP*, and the USEPA SOP/QAM. Where warranted by field conditions, deviations from the approved procedures were carried out and appropriately documented. The only change recorded in field records from these procedures was a Partnering Team decision to discontinue the use of isopropyl alcohol during decontamination.

The Site 42 field investigation collected sediments for analysis. Phase I and II laboratory data are provided in Appendices A and B. Laboratory QA/QC data is in Appendix C. Water sampling proposed in the *SAP* was postponed by the Partnering Team. Their decision was based on no established remedial goal for sampling surface water. All Phase 11 samples were analyzed for the full Target Analyte List/Target Compound List (TAL/TCL) in accordance with the Contract Laboratory Program (CLP). Phase I TOC analyses were conducted by Thompson Engineering, Mobile, Alabama. Phase 11 chemical analysis were completed by CEIMIC Laboratories of Narragansett, Rhode Island, approved by the Naval Facilities Engineering Service Center (NFESC). To provide analytical data with sufficiently low detection levels, E/A&H provided CEIMIC a list of the sediment screening levels in the laboratory statement of work. This required the laboratory to specify in laboratory summaries when these levels were not attainable.

5.1 Field Investigation

The field investigation for Site 42 was conducted by E/A&H personnel in accordance with the site-specific *SAP*. Figure 5-1 charts the Site 42 Phase I and 11 sample locations. Sediment collection techniques were in accordance with Section 7 of the *CSAP*. Sediment samples were


BAYOU GRANDE
NAS PENSACOLA
PENSACOLA BAY
TROUT POINT
ICW
ICW
PENSACOLA BAY
LEGEND
PHASE I
PHASE II
COAST GUARD FACILITY
SCALE
0 feet
6000
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 5-1
LOCATION OF PHASE I AND II SAMPLING STATIONS

collected with either a Ponar grab or Eckman dredge in deeper water locations, and with a stainless-steel hand auger (Section 4.4 of the CSAP) in the shallowest locations. Samples were collected from a boat contracted from Osprey Charters, Milton, Florida. This vessel, a net boat, was 30 feet long and 10 feet wide, equipped with a electric powered winch for lowering and retrieving sampling devices. For this investigation, all sampling stations were located with a Trimble global positioning system (GPS) allowing precision of ± 1 meter.

5.2 Fieldwork and Sampling Protocols

Sample Handling and Management

Sediment samples were collected in accordance with the appropriate section of the CSAP. Clean latex gloves were donned each time a new sample was collected. Decontaminated sampling devices were kept wrapped until the samples were collected. Samples were managed in accordance with Chapter 12 of the CSAP. Labeling, preservation, packing, chain-of-custody, and shipping carefully followed procedures in that section.

Quality Assurance/Quality Control Samples

QA/QC samples — field duplicates, field blanks, and matrix spikes/matrix spike duplicates (MS/MSDs) — were collected in accordance with Chapter 15 of the *CSAP*.

Sample Containers and Preservation

All laboratory-provided containers were precleaned and certified as specified in Chapter 12 of the *CSAP*. All samples were preserved with ice to 4" ± 2° C in accordance with the CSAP.

Field Data

Ancillary field data pertinent to the investigation were collected in accordance with Chapter 14 of the *CSAP*.

Decontamination

All exploration and sampling equipment used in the field investigation was decontaminated in accordance with Chapter 11 of the CSAP. A deviation was obtained from the Tier 1 Partnering Team concerning the use of isopropyl alcohol in the decontamination aboard the sampling vessel. Carrying a sizable quantity of alcohol aboard the vessel posed both a fire hazard and a spill contamination hazard. Alcohol was deleted from the decontamination process. The revised decontamination procedure was modified as follows.

- A seawater rinse to remove mud and debris.
- A detergent wash using Liqui-Nox dissolved in American Society for Testing and Materials (ASTM) Type II water.
- Finally a triple rinse in ASTM Type 11 water.

Used decontamination fluids were properly disposed of onshore.

6.0 BATHYMETRY AND SEDIMENTOLOGY

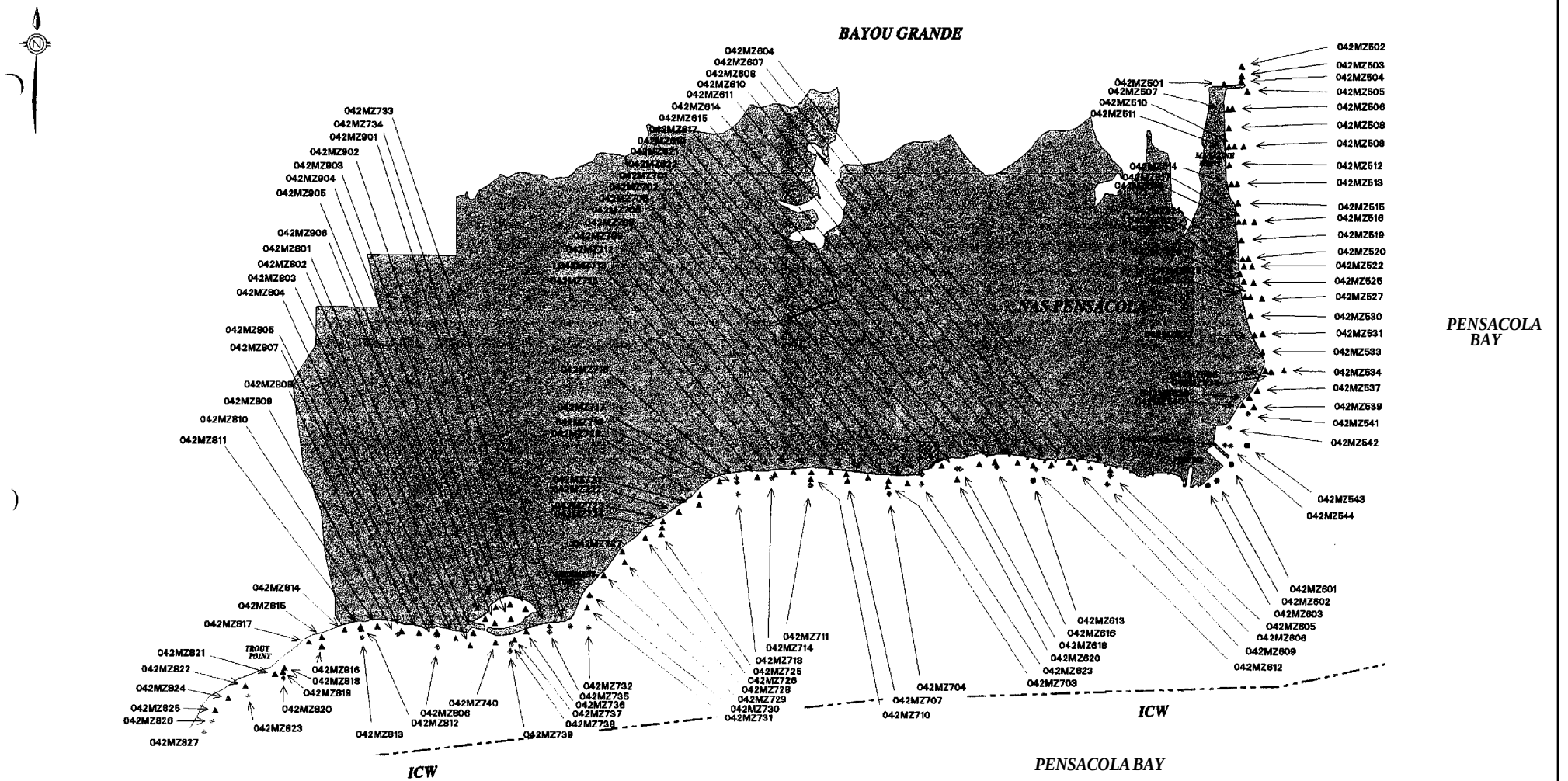
Bathymetry and sedimentology were studied for near-shore areas in Pensacola Bay adjacent NAS Pensacola with the goal of determining areas of active sediment transport and deposition. Section 4 details the results of the sediment mapping phase of this study.

6.1 Bathymetry

Bathymetry is important when determining areas of sedimentation and erosion. Water depths in Pensacola Bay are a product of wave, tidal, and fluvial processes as Escambia Bay and Blackwater Bay discharge to Pensacola Bay. Complicating the issue further, the ICW allows *mixing* of Big Lagoon and Pensacola Bay. Depths ranged from approximately a few inches at the Trout Point to 45 feet in the area of the dredged carrier turning basin off Pier 303. As seen in Figure 6-1, most of the shoreline approximates the bathymetry elsewhere along the shoreline of Pensacola Bay, where inshore depths are less than 10 feet. Shallow areas are affected by wave action and other fluvial processes more readily than deeper areas. Higher energy areas encourage transport rather than deposition of sediments. From field observations, the greatest wavedominated beaches are from Sherman's Point to the Coast Guard station and from Pier 303 north to the mouth of Bayou Grande (refer to Figure 4-1). This observation is substantiated by the shallow depths (Figure 6-1) and the distribution of fine grained material evidenced by percent solid data seen in Figure 6-2.

6.2 Sedimentologic Results

Figures 4-2 and 4-3 show the sediment types and percent moisture measured in Pensacola Bay medium- to fine-grained quartz sand to silty sand sediment samples. Much of the site is covered with poorly graded gravel, composed primarily of shells and shell fragments, intermixed with the sand.



WATER DEPTH

- A 0 - 9.9 Ft.
- 10 - 19.9 Ft.
- > 20 Ft.

SCALE

0 feet 5000

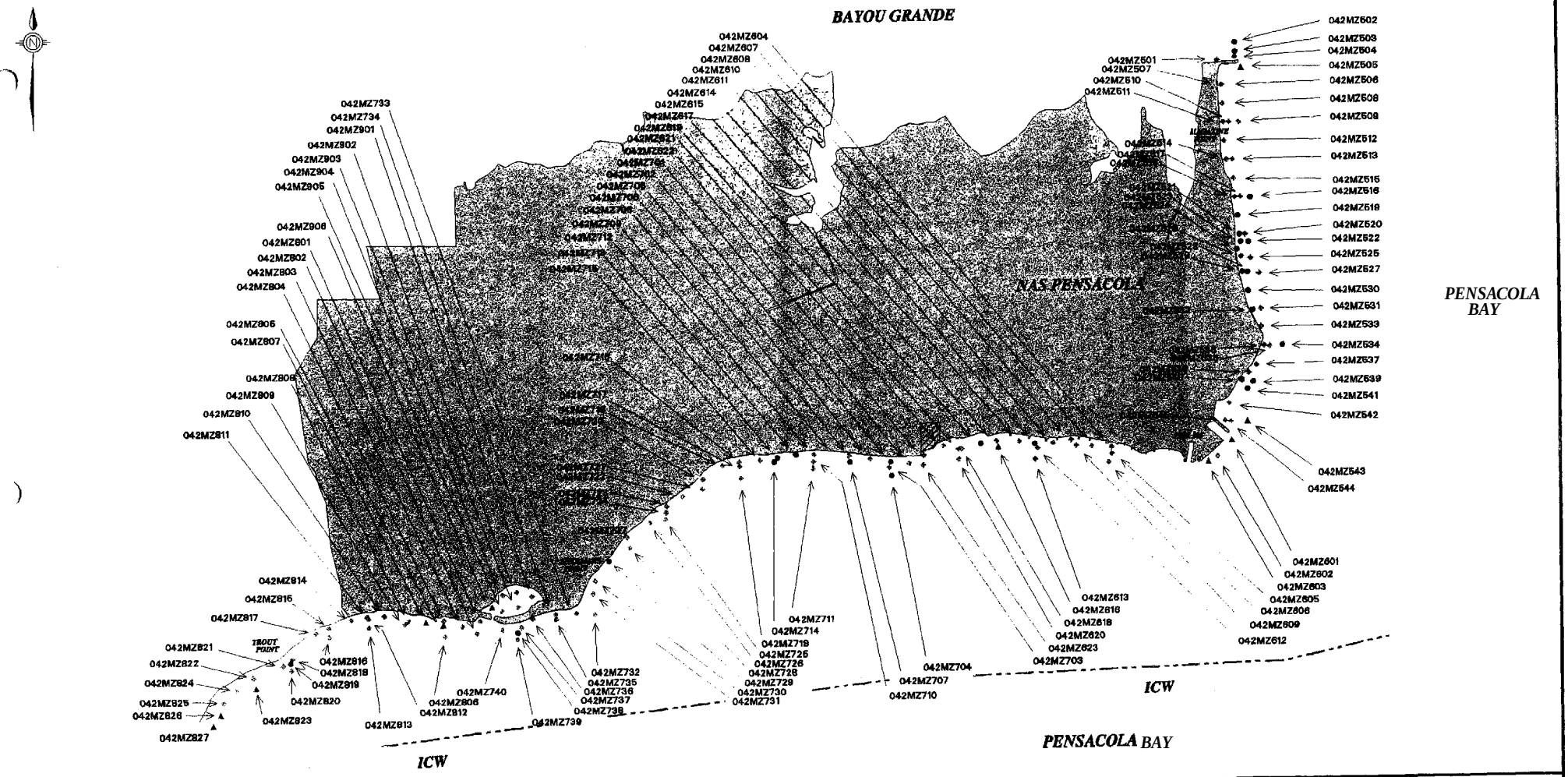
COAST GUARD FACILITY

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA. FLORIDA

FIGURE 6-1

NATURE AND EXTENT
BATHYMETRY

/home4/pensacola-dir/mapping-dir/bath.aml


BAYOU GRANDE
NAS PENSACOLA
PENSACOLA BAY
PENSACOLA BAY
ICW
ICW
TROUT POINT
042MZ601
042MZ602
042MZ603
042MZ604
042MZ605
042MZ606
042MZ607
042MZ608
042MZ609
042MZ610
042MZ611
042MZ612
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042MZ826
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042MZ530
042MZ531
042MZ533
042MZ534
042MZ537
042MZ539
042MZ541
042MZ542
042MZ543
042MZ544
PERCENT SOLID
0% - 39.9%
40% - 79.9%
> 80%
SCALE
0 feet
5000
COAST GUARD FACILITY
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 6-2
PERCENT SOLIDS

As discussed in Section 4, sediment distribution can be generalized into three categories: mud, sand, and a transition from sand to mud or mud to sand (Figures 4-2 and 4-3). Sediment distribution is a result of the hydraulic regime. Close to shore, water depths are apparently above the normal wave base, resulting in the deposition of coarser sediment, primarily sand and shells. Moving offshore, coarse sediment deposition was replaced with finer silts and clays transitioning to black gelatinous clays. Tidal currents moving through Pensacola Pass into the Gulf of Mexico transport sediment parallel to the shoreline. These strong currents, observed during the fieldwork, preclude the deposition of fme-grained sediment. The areas of fine-grained deposition are apparently below the depth of normal wave base and are in eddies formed as the ebb tidal currents move around the eastern end of the peninsula and other shoreline features. The shoreline's configuration contributes to the deposition of fine-grained sediment. The ICW is dredged westward into Big Lagoon, giving access to Trout Point from Pensacola Bay. Prior to the ICW's development, Big Lagoon was only accessible through Perdido Bay.

Percent TOC values were low ranging from <0.01 to 4.8; for unknown reasons, higher TOC percentages were associated with samples with more shell material. Possible interferences affecting the analysis include algae colonies, detrital material, and macroinvertebrate in the sample. However, even when shell material was present, TOC was still low.

6.3 Conclusions

Near-shore areas where storm water and groundwater discharge to the bay are high-energy, wave-dominated systems. This is evidenced by the persistence of sand-sized particles on the beaches and shallow water in the near-shore environment. As these sand bodies transition offshore into deeper water, the wavedominated system is replaced with tidal and other fluvial processes of the bay. These tidal and fluvial processes are of a lower energy regime than wave-dominated systems, encouraging sedimentation. As tidal currents conform to the coastline, natural eddies and pockets have developed reducing the energy to transport sediment, therein encouraging

sedimentation. Examples of this can be seen west of Pier 303 and on Magazine Point just south of the jetty at the mouth of Bayou Grande. Tidal and fluvial currents provide the primary mode of sediment transport offshore. In areas of deposition, black, thick, gelatinous silty clays dominated the bottom.

7.0 NATURE AND EXTENT OF CONTAMINATION

In accordance with the Site 42 Phase II work plan and SAP, 141 locations were sampled along approximately 10 miles of coastline. The Phase 11 sampling targeted the fine-grain sediments and areas of high TOC identified during Phase I sampling. Phase I assessed areas of deposition and erosion by mapping sediment types. TOC analysis, provided in Section 6, determined the adsorptive capacity of sediments to be low. As discussed in Section 5, Phase 11 samples were analyzed using modified CLP methods to provide low levels of detection for all analytes in marine sediments. Appendix A provides TOC data from Phase I, Appendix B contains 141 samples collected during Phase 11, and Appendix C supports the Phase 11 data with all the laboratory and field QA/QC data.

This section discusses the nature and extent of the analytes detected during the Phase II investigation. Sections 7.1 through 7.4 discuss detected metals, pesticide/PCBs, VOCs, and SVOCs. Compared to sediment quality guidelines. Sediment quality guidelines refer to the Proposed USEPA Region IV Sediment Screening Values (SSV) (USEPA, 1995) and the Florida Department of Environmental Protection Sediment Quality Assessment Guidelines (SQAGs) used to screen analytical results. Finally, Section 7.5 will summarize the nature of the contaminants and their extent.

7.1 Metals

Site 42 sediment samples were analyzed for 23 metals. Table 7-1 displays the frequency of detection, range of nondetected upper bounds, range of detected concentrations, and average detected concentrations. Frequency of detection exhibits a ratio of detections to total samples analyzed. The range of nondetected describes the range of nondetects in the sampling set as a minimum and maximum. The range of detected concentrations shows the minimum and maximum concentrations detected. The average detected concentration is an arithmetic mean of only the

Table 7-1
Comparison of Detected Inorganics to Sediment Screening Values

Parameter Inorganics (mg/kg)	Frequency of Detection	Range of Nondetects	Range of Detected Concentrations	Average Detected Concentration	Sediment Quality Guidelines Concentration	Number of Hits Over Sediment Screening Values
Aluminum (Al)	137/141	12.2 - 52.0	17.6 - 15,900	1,308		
Antimony (Sb)	21141	0.11 - 1.4	0.21 - 0.45	0.33	11.0 c	
Arsenic (As)	98/141	0.12 - 3.1	0.12 - 22.3	2.25	7.24 b	10
Barium (Ba)	1331141	0.12 - 0.9	0.07 - 99.3	2.75		
Beryllium (Be)	19/141	0.06 - 0.55	0.09 - 1.1	0.559		
Cadmium (Cd)	7/141	0.12 - 1.6	0.21 -0.92	0.546	0.676 b	2
Calcium (Ca)	141/141		67.2 - 47,400	3,674		
Chromium (Cr)	771141	0.31 - 4.4	0.39 - 84	7.36	52.3 b	I
Cobalt (Co)	27/141	0.12 - 1.6	0.15 -3.8	1.46		
Copper (Cu)	1011141	0.22 - 0.3	0.25 - 30.4	2.79	18.7 b	2
Iron (Fe)	1391141	45.8 - 76.3	19.3 - 26,700	2,107		
Lead (Pb)	86/141	0.07 - 11.0	0.15 - 43.9	3.74	30.2 b	1
Magnesium (Mg)	141/141		111.1 - 10,800	984		
Manganese (Mn)	139/141	0.4 - 0.44	0.19 - 677	28.7		
Mercury (Hg)	7/141	0.05 - 0.5	0.08 - 0.64	0.21	0.13 b	6
Nickel (Ni)	241141	0.54 - 6.6	0.71 - 10.8	4.33	15.9 b	
Potassium (K)	140/141	81.1 - 81.1	36. - 3,560	326		
Selenium (Se)	14/141	0.17 - 1.60	0.22 - 1.2	0.630		

Table 7-1
Comparison of Detected Inorganics to Sediment Screening Values

Parameter Inorganics (mg/kg)	Frequency of Detection	Range of Nondetects	Range of *Detected* Concentrations	Average Detected Concentration	Sediment Quality Guidelines Concentration	Number of Hits Over Sediment Screening Values
Silver (Ag)	2/141	0.22 - 1.1	3.6 - 14.8	9.2	0.733 b	2
Sodium (Na)	1411141		714 - 36,800	3.735		
Thallium (Tl)	11/141	0.17 - 1.6	0.31 - 1.3	0.720		
Vanadium (V)	1291141	0.12 - 0.14	0.13 - 37.4	3.63		
Zinc (Zn)	82/141	0.21 - 3.6	0.23 - 84.4	10.05	124 b	

Notes:
a = USEPA Screening concentration for sediment — USEPA SSVs
b = FDEP Screening Concentration for Sediment — FDEP SQAGs
c = Threshold Exposure Limit
mg/kg = milligrams per kilogram

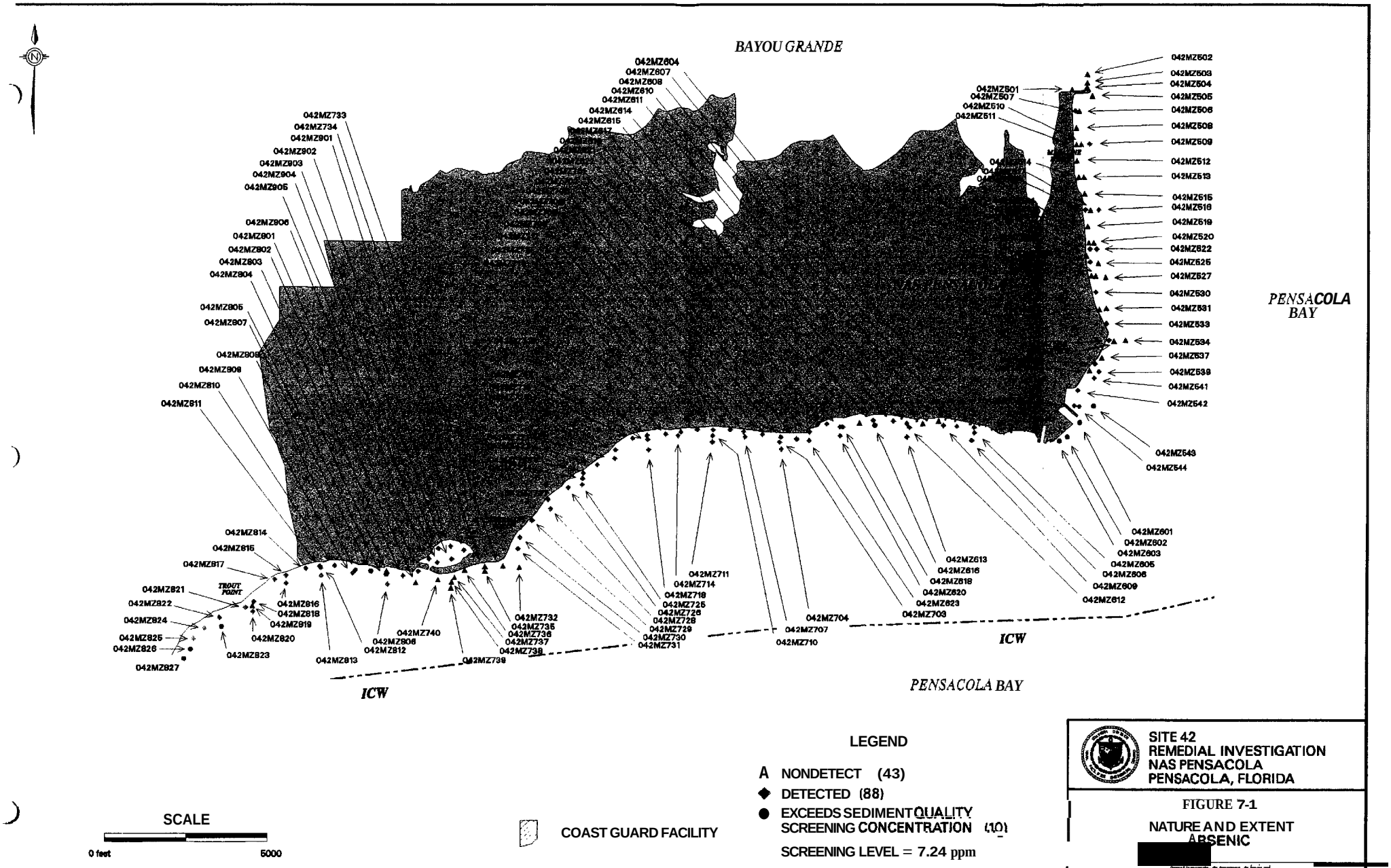
detected concentrations. Nondetected concentrations were not included in this calculation in order to give a measure of what was detected.

Table 7-2 exhibits the sample ID with the measured result for each detection. The table also exhibits the lowest sediment screening value for comparison.

As is shown in Table 7-1, every metal on the list was detected. The frequency of detection was as few as two in 141 and as much as 141 in 141. Not surprising, the primary seawater constituents calcium, magnesium, potassium, and sodium (Knauss, 1978) were detected in every sample. The abundance of alkali metals in sediment encourages the precipitation rather than solution of less electropositive metals. This precipitation due to the presence of alkali metals, known as the "salting effect," explains why each metal analyzed for was detected in the bay sediments. In addition, Table 7-1 provides comparisons to sediment quality guidelines concentrations providing a qualitative understanding of which metals are of concern. Figures 7-1 through 7-7 exhibit the areal distribution of seven metals exceeding sediment screening values: arsenic, copper, chromium, lead, cadmium, mercury, and silver.

Arsenic, depicted in Figure 7-1, has the largest areal extent of all the metals. Sources of the arsenic are speculative at this point, however the areas with the fewest arsenic detections have the greatest wave action and sediment transport. The highest number of detections for arsenic occurred at Trout Point and Pier 303.

Distributions of copper, chromium, and lead are similar are shown in Figures 7-2, 7-3, and 7-4, respectively. The sources of these metals are unclear; however, the nondetects appear to be concentrated in areas with the greatest wave action and sediment transport. The lack of these transition metals in those areas indicate sediment transport is occurring.


BAYOU GRANDE
PENSACOLA BAY
PENSACOLA BAY
ICW
ICW
TROUT POINT
042MZ604
042MZ607
042MZ608
042MZ610
042MZ611
042MZ614
042MZ615
042MZ733
042MZ734
042MZ901
042MZ902
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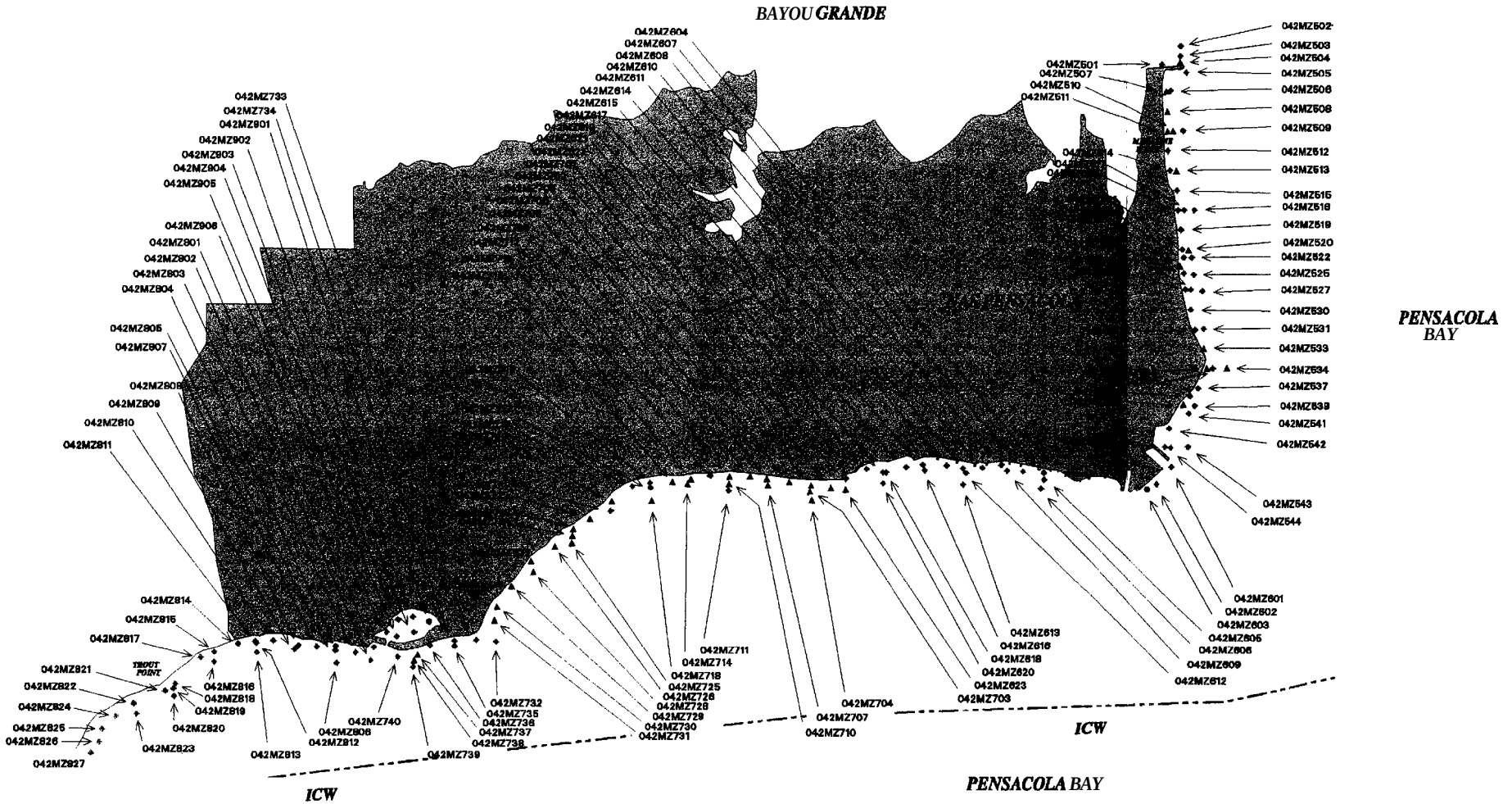
042MZ530
042MZ531
042MZ533
042MZ534
042MZ537
042MZ539
042MZ541
042MZ542
042MZ543
042MZ544
SCALE
0 feet
5000
COAST GUARD FACILITY
LEGEND
NONDETECT (43)
DETECTED (88)
EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (10)
SCREENING LEVEL = 7.24 ppm
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 7-1
NATURE AND EXTENT
ARSENIC
[redacted]



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (40)

◆ DETECTED (99)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (2)

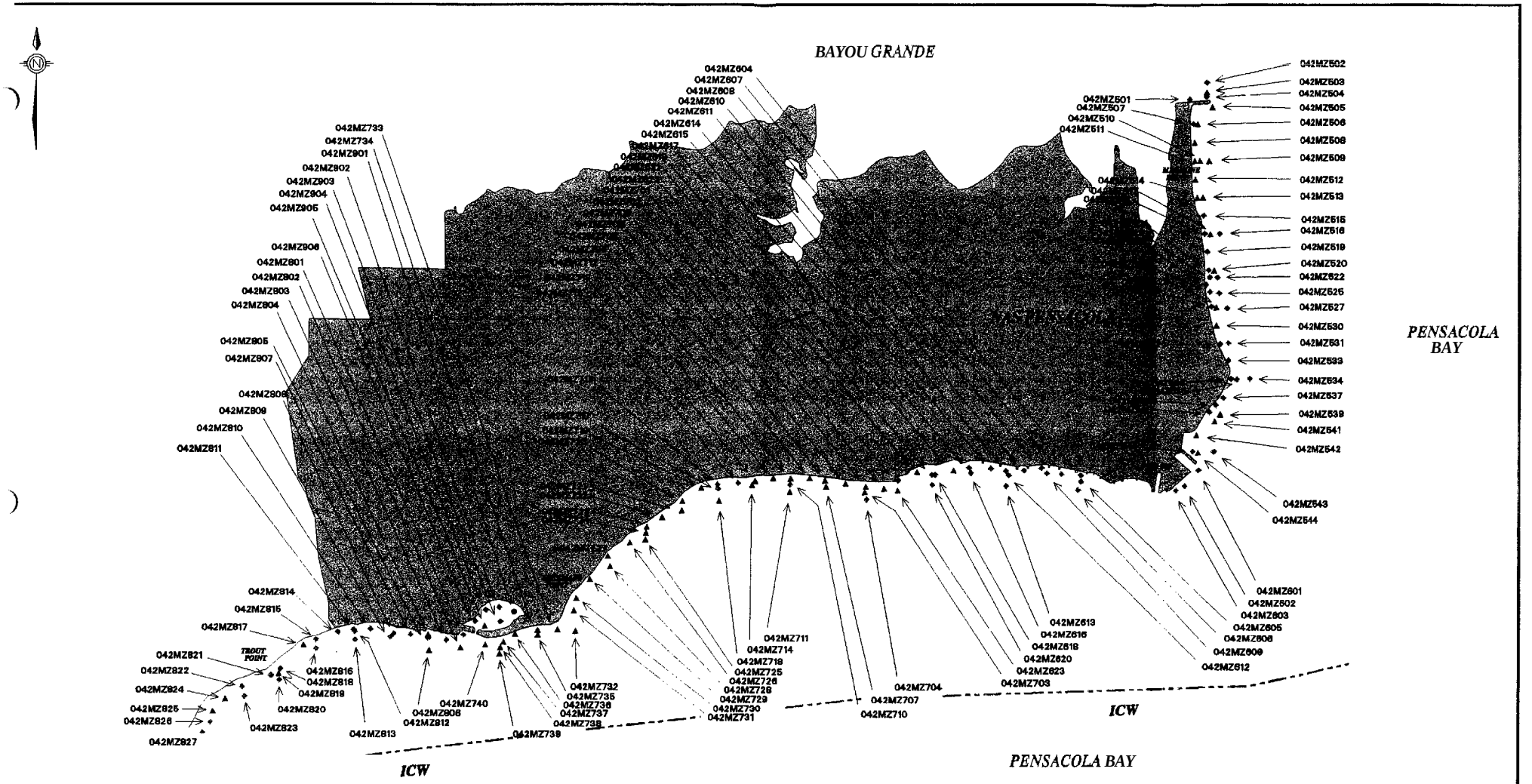
SCREENING LEVEL = 18.7 ppm

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-2

NATURE AND EXTENT
COPPER

/home/pensacola-dir/mapping-dir/moriumi



SCALE

0 M 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (64)

DETECTED (76)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (1)

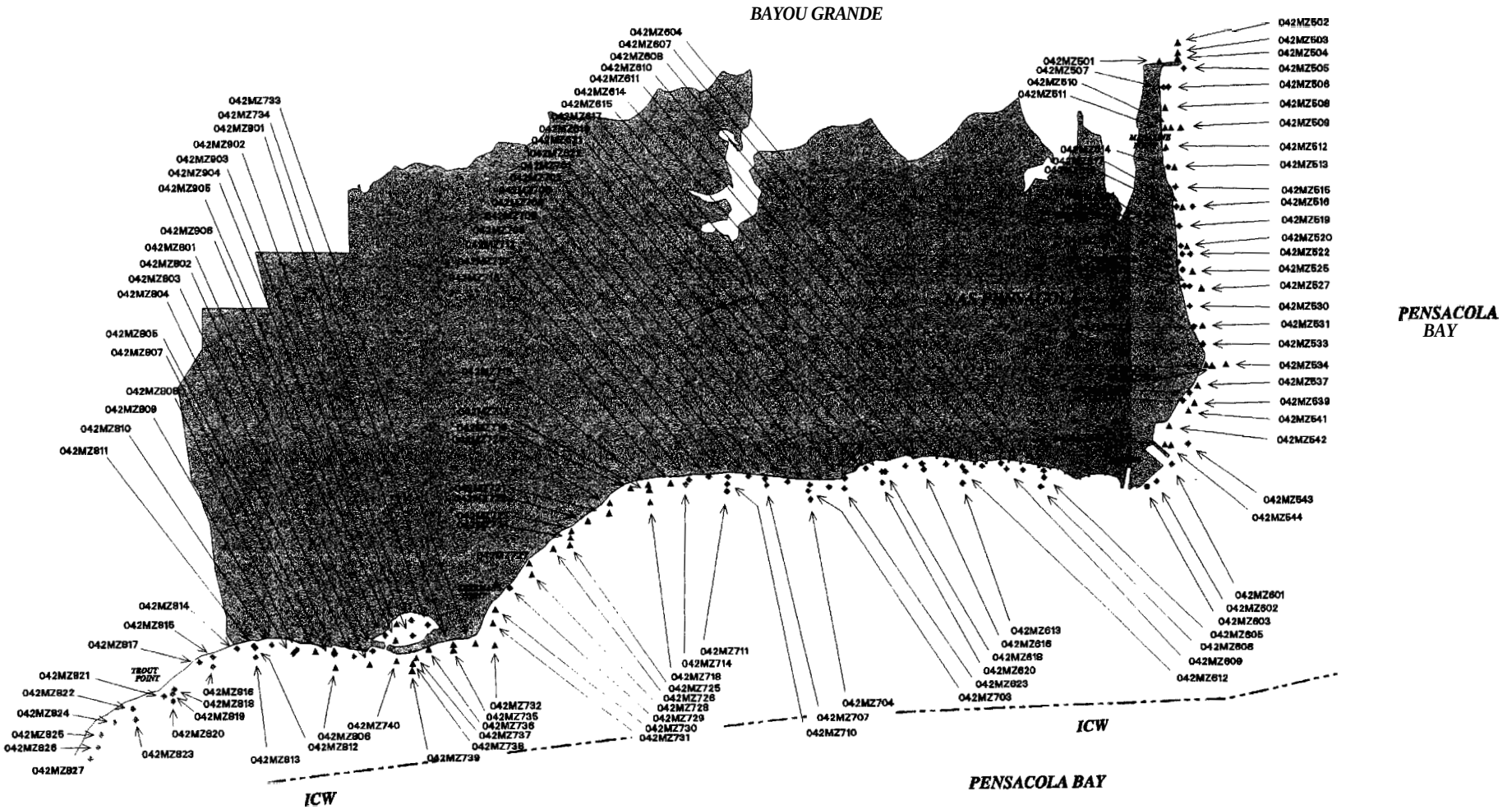
SCREENING LEVEL = 52.3 ppm

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-3

NATURE AND EXTENT
CHROMIUM

/home1/pensacola-dir/mapping-dir/main.mxl



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

▲ NONDETECT (55)

◆ DETECTED (85)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (1)

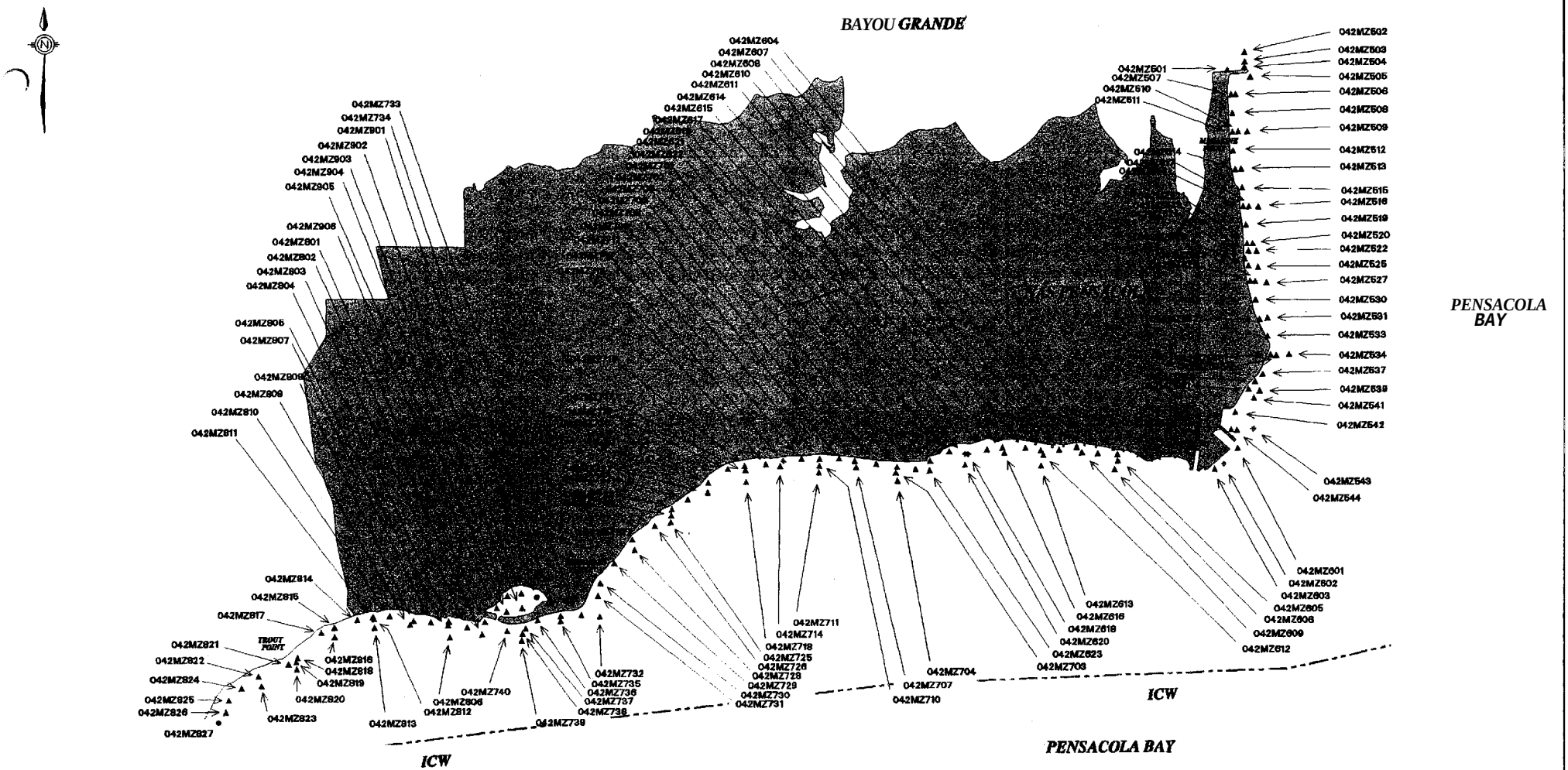
SCREENING LEVEL = 30.2 ppm

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-4

NATURE AND EXTENT
LEAD

/home1/pensacola-dir/mapping-dir/main.mf



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (134)

◆ DETECTED (5)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (2)

SCREENING LEVEL = 0.676 ppm

SITE 42
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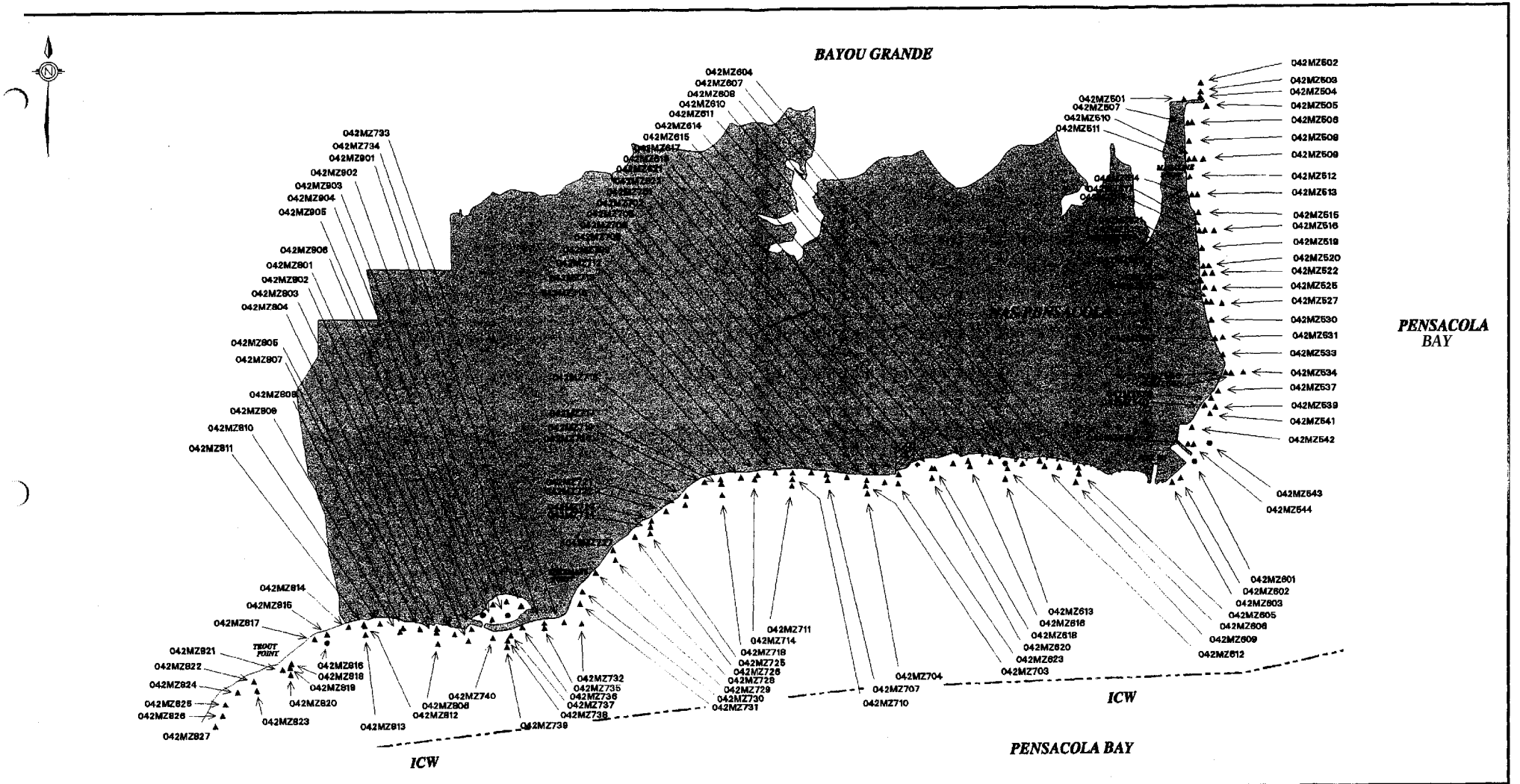
PENSACOLA, FLORIDA

FIGURE 7-5

NATURE AND EXTENT
CADMIUM

/home4/pensacola-fir/mapping-dir/map.arl



SCALE

0 M 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (134)

DETECTED (1)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (6)

SCREENING LEVEL = 0.13 ppm

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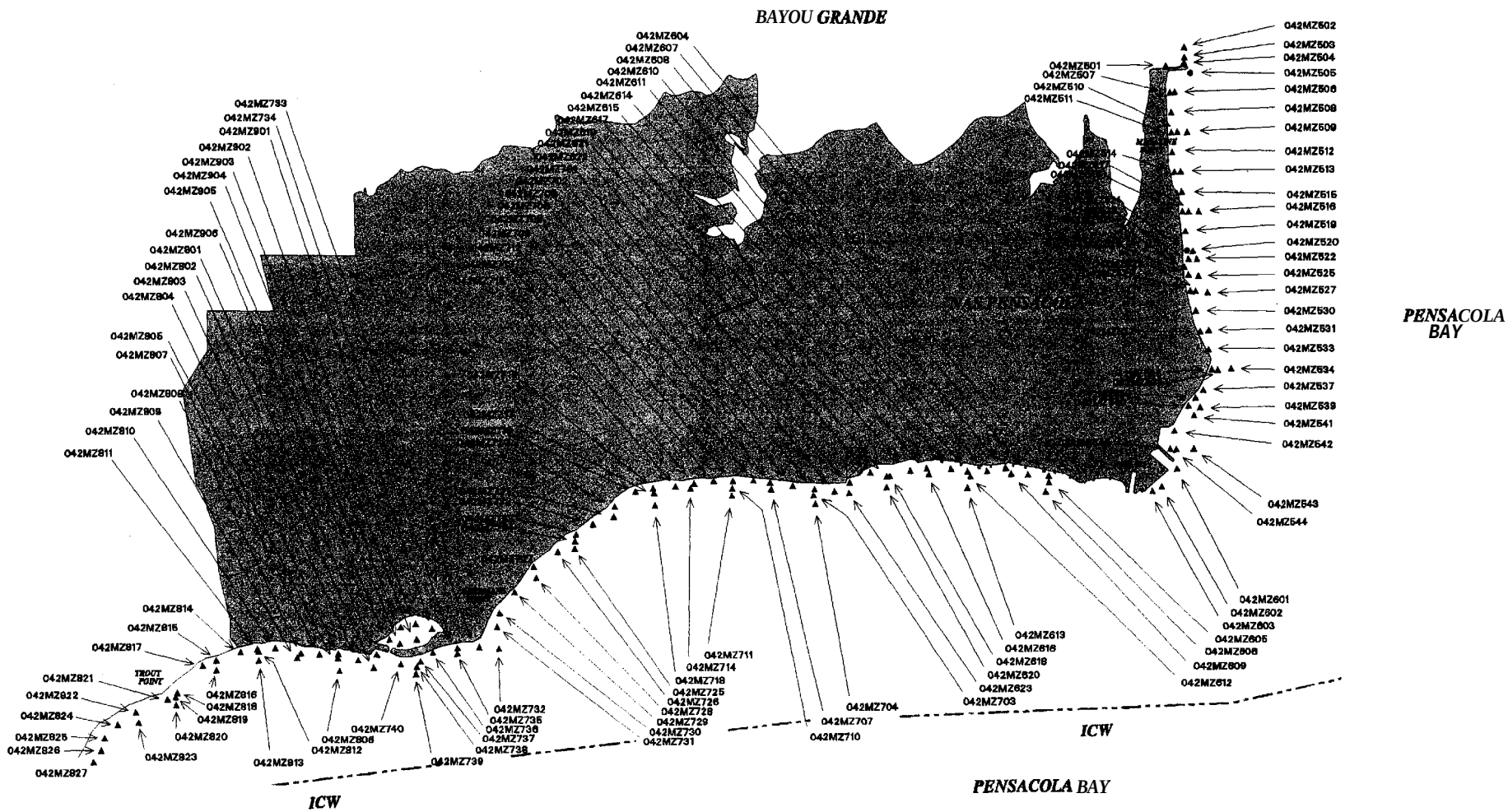
PENSACOLA, FLORIDA

FIGURE 7-6

NATURE AND EXTENT
MERCURY

/home/pensacola-dir/mapping-dir/map.dwl



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (139)

◆ DETECTED (0)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (2)

SCREENING LEVEL = 0.733 ppm

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PENSACOLA, FLORIDA

FIGURE 7-7

NATURE AND EXTENT
SILVER

/home4/pensacola dir/mapping-dir/main.aml

Table 7-2
Inorganics Exceeding sediment Quality Guidelines

Inorganics	Sample ID	Date	Result (mg/kg)	VQual	Sediment Quality Guideline Value (mg/kg)	Sediment Screening Value Used
Arsenic	042-M-Z543-01	11/14/95	16.3		7.24	FDEP SQAG
	042-M-Z601-01	11/14/95	19.6		7.24	FDEP SQAG
	042-M-Z602-01	01/31/96	8.8		7.24	FDEP SQAG
	042-M-Z603-01	11/14/95	17.3		7.24	FDEP SQAG
	042-M-Z616-01	11/08/95	12.0		7.24	FDEP SQAG
	042-M-Z805-01	10/25/95	10.8		7.24	FDEP SQAG
	042-M-Z807-01	10/25/95	10.8		7.24	FDEP SQAG
	042-M-Z823-01	10/23/95	17.3		7.24	FDEP SQAG
	042-M-Z826-01	10/23/95	22.0		7.24	FDEP SQAG
	042-M-Z827-01	10/23/95	22.3		7.24	FDEP SQAG
Cadmium	042-M-Z827-01	10/23/95	0.9	J	0.676	FDEP SQAG
	042-M-Z901-01	02/09/96	0.92	J	0.676	FDEP SQAG
Chromium	042-M-Z901-01	02/09/96	84.0		52.3	FDEP SQAG
Copper	042-M-Z603-01	11/14/95	30.4		18.7	FDEP SQAG
	042-M-Z901-01	02/09/96	18.9		18.7	FDEP SQAG
Lead (Pb)	042-M-Z603-01	11/14/95	43.9	J	30.2	FDEP SQAG

Table 7-2
Inorganics Exceeding Sediment Quality Guidelines

Inorganics	Sample ID	Date	Result (mg/kg)	VQual	Sediment Quality Guideline Value (mg/kg)	Sediment Screening Value Used
Mercury	042-M-Z543-01	11/14/95	0.17	J	0.13	FDEP SQAG
	042-M-2601-01	11/14/95	0.64		0.13	FDEP SQAG
	042-M-Z611-01	11/08/95	0.14	J	0.13	FDEP SQAG
	042-M-Z816-01	10/24/95	0.14		0.13	FDEP SQAG
	42-M-Z903-01	11/13/95	0.13	J	0.13	FDEP SQAG
	042-M-Z906-01	11/13/95	0.17	J	0.13	FDEP SQAG
Silver	042-M-Z505-01	12/04/95	3.6	J	0.733	FDEP SQAG
	042-M-Z521-01	12/07/95	14.8		0.733	FDEP SQAG

Notes:
mg/kg = milligrams per kilogram
SQAG = Sediment Quality Assessment Guidelines
J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.

Cadmium, mercury, and silver detections were sparse and unrelated to a specific source, as seen in Figures 7-5, 7-6, and 7-7. The exceedances of these metals were all of the same order of magnitude as the sediment screening values.

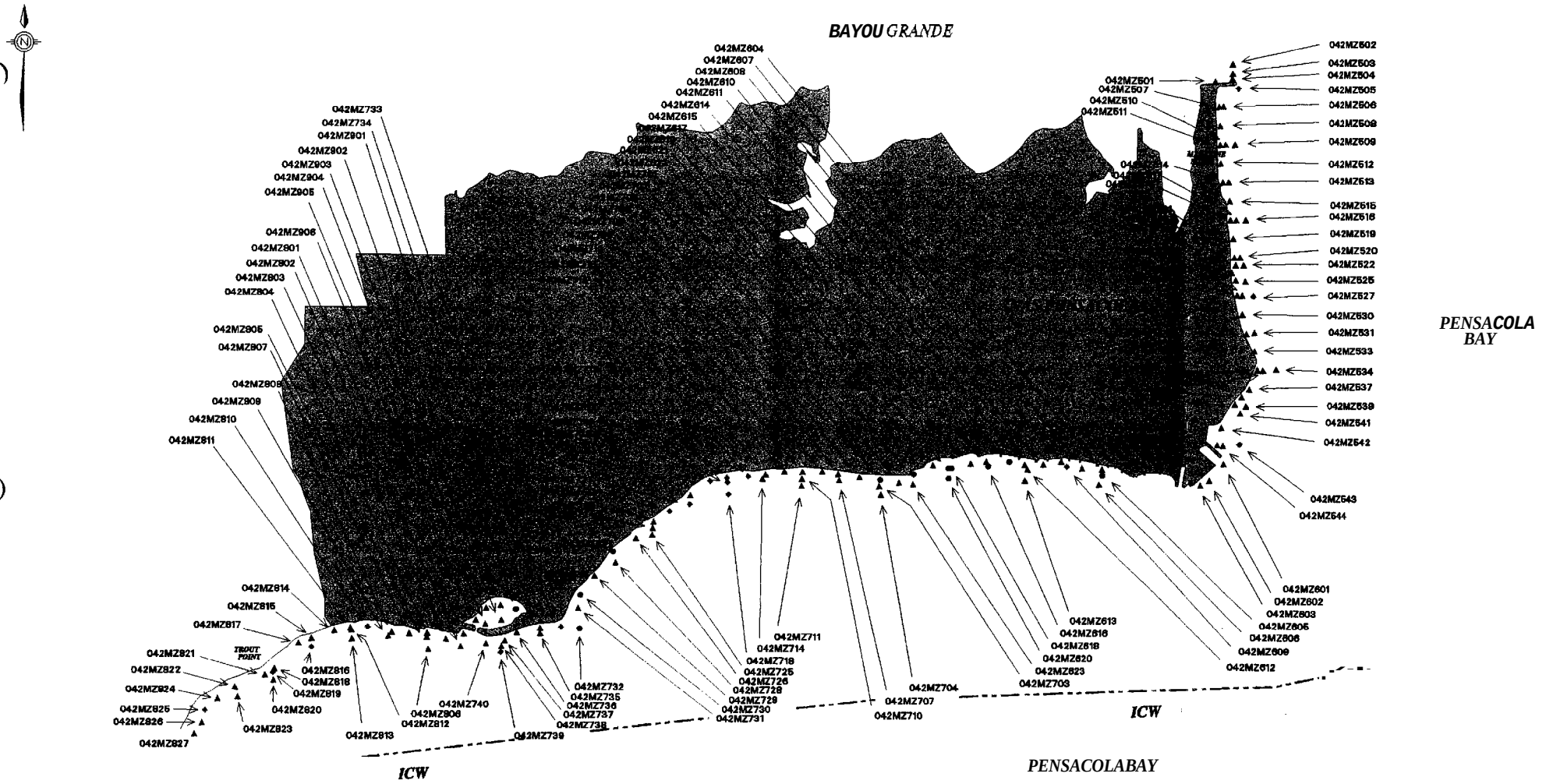
7.2 Pesticide/PCBs

Twenty-two pesticidePCB-type compounds were detected in Site 42 samples. Table 7-3 displays the frequency of detection, range of nondetected upper bounds, range of detected concentrations, and average detected concentration. The frequency of detection was less than a third of the total number of samples.

Table 7-3 also compares the data to sediment quality guidelines, providing a qualitative identification of which analytes may be of concern. Eleven analytes have sediment quality screening values. Of these 11 analytes, four compounds exhibited a result greater than the sediment quality screening values. All exceedance were of the same order of magnitude as the screening concentration. Table 7-4 displays the individuals samples and references the specific screening values exceeded.

Figures 7-8 through 7-11 display the areal distribution of pesticide/PCB compounds exceeding a risk-based criterion. Figure 7-8 exhibits the distribution of gamma-BHC (lindane). The distribution does not indicate a possible source of the pesticide; however, areas of coastline with more wave action, for example Magazine Point, appear to have less lindane, therein no deposition.

Figure 7-9 exhibits the distribution of Aroclor-1254 almost exclusively around the seawall and near the Industrial Wastewater Treatment Plant (IWTP) on Magazine Point. From Figure 4-1, possible sources include Sites 28, 18, and 36 and the IWTP. Those sites report Aroclor-1260 as the PCB spilled or analyzed. Based on this information, the source is unclear, it may be attributed to numerous storm water outfalls along the seawall that drain streets and roofs for most of the southeastern portion of the base.



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (112)

◆ DETECTED (17)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (12)

SCREENING LEVEL = 0.32 ppb

SITE 42
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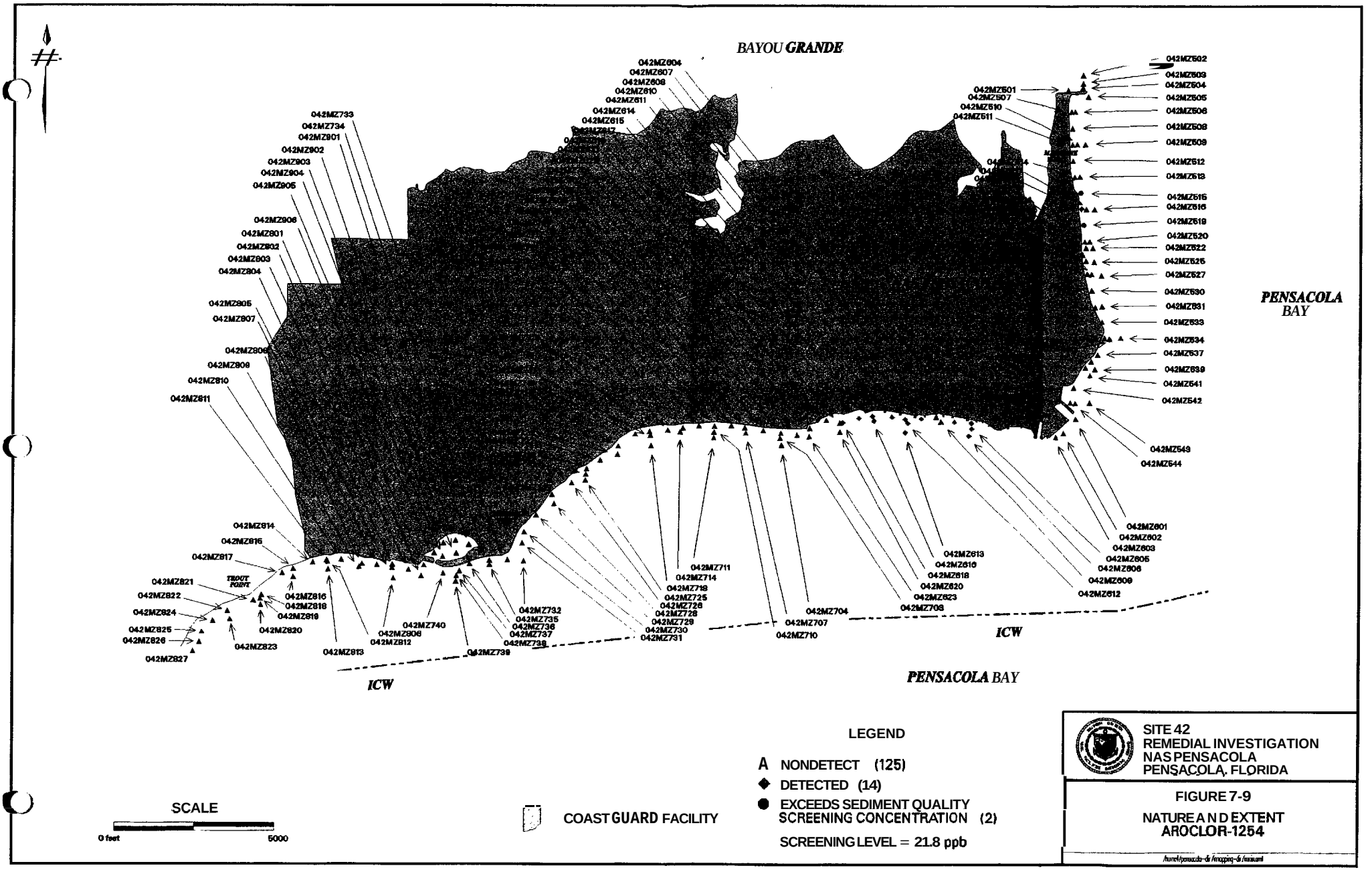
PENSACOLA, FLORIDA

FIGURE 7-8

NATURE AND EXTENT
GAMMA-BHC (LINDANE)

/home1/pensacola-fs/mapping-fs/muiu.wl


BAYOU GRANDE
PENSACOLA BAY
PENSACOLA BAY
ICW
ICW
TROUT POINT
042MZ733
042MZ734
042MZ901
042MZ902
042MZ903
042MZ904
042MZ905
042MZ906
042MZ801
042MZ802
042MZ803
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042MZ827
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042MZ820
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042MZ608
042MZ610
042MZ611
042MZ614
042MZ615
SCALE
0 feet
5000
COAST GUARD FACILITY
LEGEND
A NONDETECT (125)
◆ DETECTED (14)
● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (2)
SCREENING LEVEL = 21.8 ppb
SITE 42
REMEDIAL INVESTIGATION
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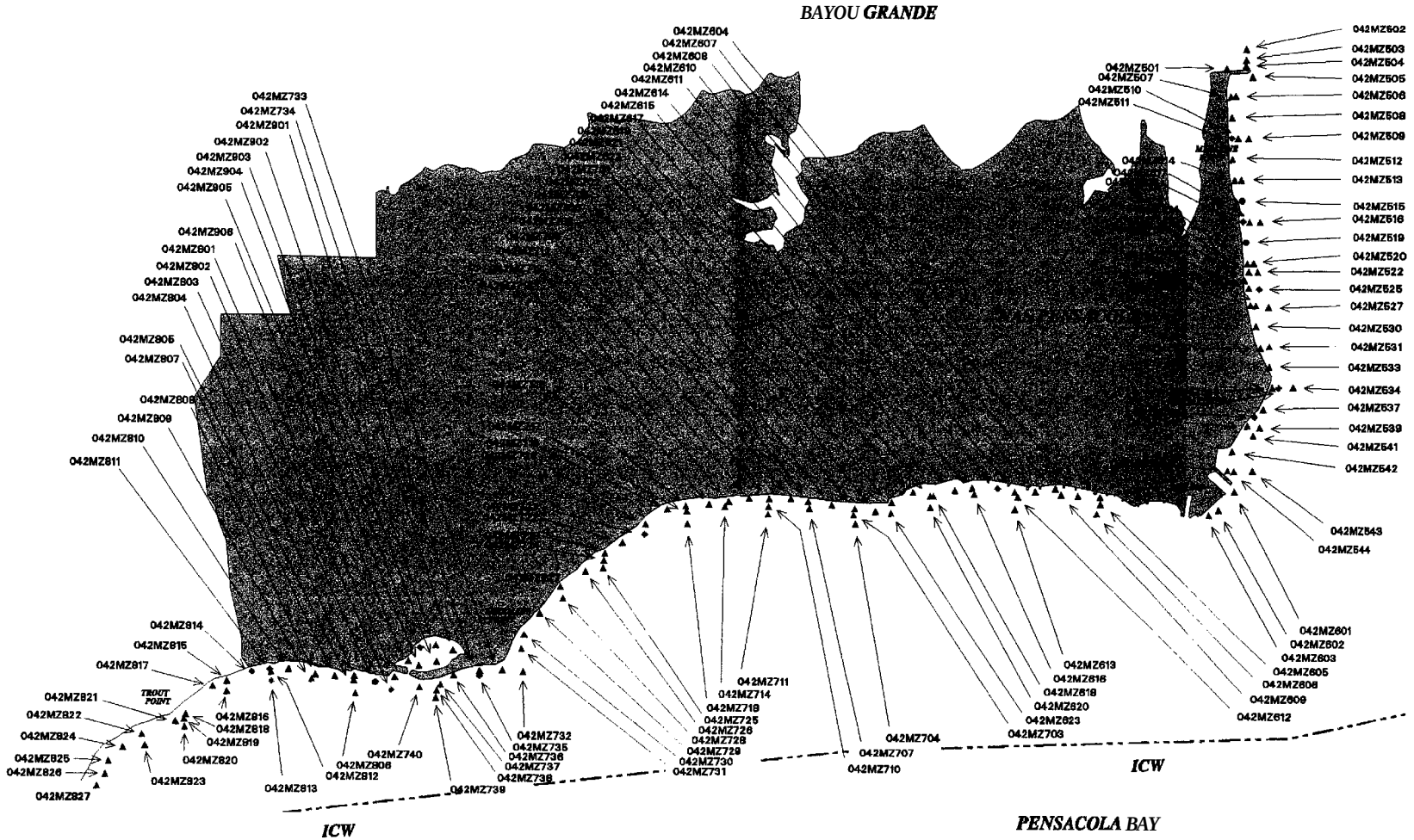
PENSACOLA, FLORIDA
FIGURE 7-9
NATURE AND EXTENT
AROCLOR-1254



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (125)

◆ DETECTED (13)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (3)

SCREENING LEVEL = 1.19 ppb

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FIGURE 7-10

NATURE AND EXTENT
4,4-DDT

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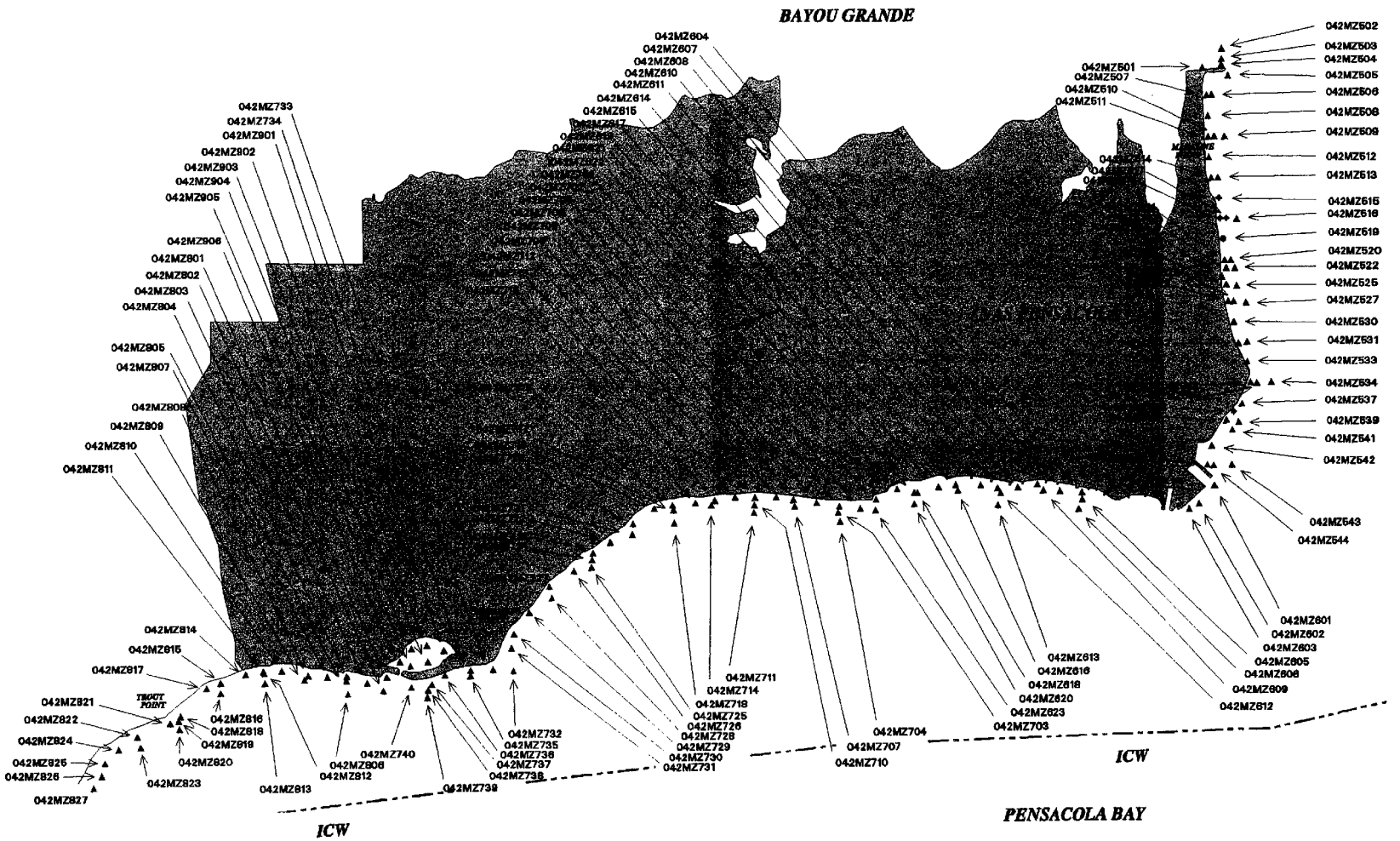

SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (136)

◆ DETECTED (4)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (1)

SCREENING LEVEL = 0.715 ppb

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FIGURE 7-11

NATURE AND EXTENT
DIELDRIN

/home4/pensacola dir/mapping-dir/main.uml

Table 7-3
Comparison of Detected Pesticides to Sediment Screening Values

Parameter Pesticides	Frequency of Detection	Range of Nondetects	Range of Detected Concentrations	Average Detected Concentration	Sediment Quality Guidelines Concentration	Number Over Screen
4,4'-DDD	12/141	0.19 - 3.3	0.19 - 1.2	0.5208	1.22 b	
4,4'-DDE	81141	0.19 - 3.3	1.2 - 1.1	0.5363	2.07 b	
4,4'-DDT	16/141	0.19 - 3.3	0.21 - 6.0	0.9444	1.19 b	3
Aldrin	81141	0.093 - 1.6	0.11 - 1.0	0.4313		
Aroclor-1242	4/141	2. - 33.0	4.7 - 8.1	6.375	21.6 a	
Aroclor-1254	161141	3. - 33.0	1. - 26.0	5.8375	21.6 a	2
Aroclor-1260	20/141	2.0 - 28.3	0.52 - 10.0	3.1085	21.6 a	
Dieldrin	51141	0.19 - 3.3	0.22 - 0.78	0.476	0.715 b	1
Endosulfan 1	34/141	0.1 - 1.6	0.1 - 0.7	0.2868		
Endosulfan II	21141	0.19 - 3.3	0.2 - 0.53	0.365		
Endosulfan sulfate	1/141	0.19 - 3.3	0.24 - 0.24	0.24		
Endrin	91141	0.19 - 3.3	0.13 - 0.61	0.2944	3.3 a	
Endrin aldehyde	6/141	0.19 - 3.3	0.2 - 0.61	0.3333	3.3 a	
Endrin ketone	11141	0.19 - 3.3	0.26 - 0.26	0.26	3.3 a	
Heptachlor	4/141	0.093 - 1.6	0.14 - 0.45	0.2625		
alpha-BHC	47/141	0.093 - 1.6	0.1 - 8.8	1.4519		
alpha-Chlordane	9/141	0.098 - 1.6	0.11 - 0.46	0.2022		
beta-BHC	51141	0.093 - 1.6	0.12 - 0.24	0.16		

Table 7-3
Comparison of Detected Pesticides to Sediment Screening Values

Parameter Pesticides	Frequency of Detection	Range of Nondetects	Range of Detected Concentrations	Average Detected Concentration	Sediment Quality Guidelines Concentration	Number Over Screen
delta-BHC	6/141	0.093 - 1.6	0.11 - 0.4	0.2183		
gamma-BHC (Lindane)	29/141	0.093 - 1.6	0.11 - 1.3	0.3721	0.32 b	12
gamma-Chlordane	1/141	0.093 - 1.6	0.15 - 0.15	0.15		

Notes:
a = U.S. Environmental Protection Agency Screening concentration for Sediment — EPA SSVs
b = Florida Department of Environmental Protection Screening Concentration for Sediment — FDEP SQAGs

All results are in micrograms per kilogram (μg/kg).

Table 7-4
Pesticides Exceeding Sediment Quality Guidelines

Parameter	Sample ID	Sample Date	Result	VQUAL	Sediment Quality Guideline Value	Sediment Screening Value Exceeded
		Pesticides				
4,4'-DDT	042-M-Z515-01	12/11/95	6.00	J	1.190	FDEP-SQAG
	042-M-Z519-01	12/11/95	1.60	J	1.190	FDEP-SQAG
	042-M-Z803-01	10/25/95	1.20		1.190	FDEP-SQAG
Aroclor-1254	042-M-Z515-01	12/11/95	26.00	J	21.600	EPA-SSV
	042-M-Z519-01	12/11/95	23.00	J	21.600	EPA-SSV
Dieldrin	042-M-Z519-01	12/11/95	0.78	J	0.715	FDEP-SQAG
gamma-BHC	042-M-Z605-01	11/09/95	1.30	J	0.320	FDEP-SQAG
	042-M-Z614-01	11/08/95	0.40	J	0.320	FDEP-SQAG
	042-M-Z616-01	11/08/95	0.85	J	0.320	FDEP-SQAO
	042-M-Z618-01	11/08/95	0.85	J	0.320	FDEP-SQAG
	042-M-Z619-01	01/31/96	0.48	DJ	0.320	FDEP-SQAO
	042-M-Z620-01	11/06/95	1.20	J	0.320	FDEP-SQAG
	042-M-Z622-01	11/06/95	0.52	J	0.320	FDEP-SQAG
	042-M-Z702-01	11/06/95	0.46	J	0.320	FDEP-SQAG
	042-M-Z727-01	10/27/95	0.41	J	0.320	FDEP-SQAG
	042-M-Z730-01	10/27/95	0.40	J	0.320	FDEP-SQAG

Table 7-4
Pesticides Exceeding Sediment Quality Guidelines

Parameter	Sample ID	Sample Date	Result	VQUAL	Sediment Quality Guideline Value	Sediment Screening Value Exceeded
gamma-BHC	042-M-273241	10/26/95	0.47	J	0.320	FDEP-SQAG
	042-M-Z901-01	02/09/96	0.32	J	0.320	FDEP-SQAG

Notes:
SQAG = Sediment Quality Assessment Guidelines
J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.
D = The result was derived from a diluted sample.
All results are in µg/kg.

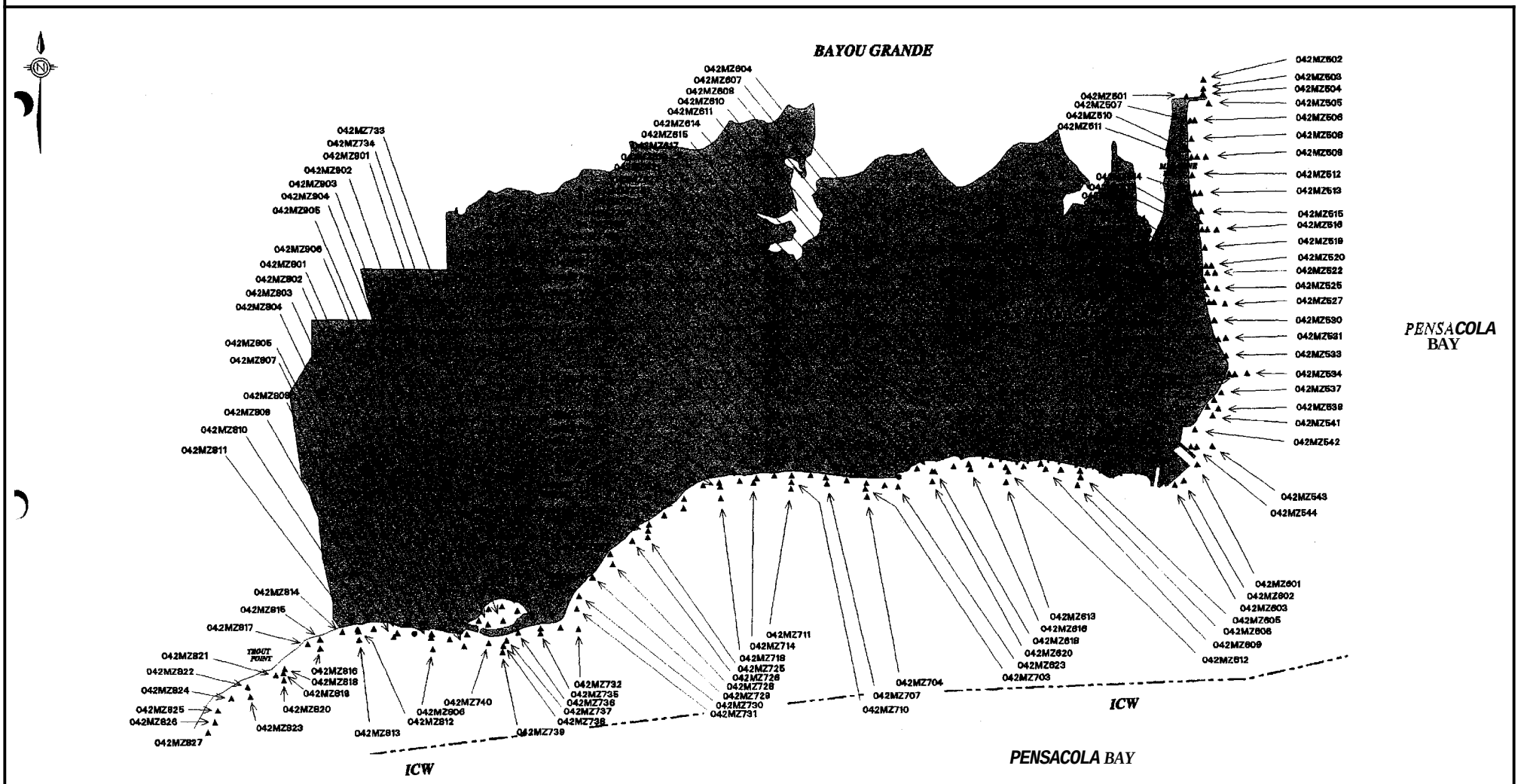
DDT was sporadic, not exhibiting a clear distribution on Figure **7-10.** In a general sense, more **DDT** was found **along** Magazine and Sherman's points. This is anomalous in that these are generally areas of sandy beaches **and** high-energy wave action, however these are low areas receiving drainage from areas sprayed for mosquito infestation.

Figure **7-11** shows the distribution of dieldrin, with exceedances detected exclusively along Magazine Point. The IWTP is **a** probable source of this pesticide.

7.3 Semivolatile Organic Compounds

Of the **23 SVOCs** detected in the **141** Site **42** samples, only **11** samples exceeded sediment quality criteria. From Table 7-5, the frequency of detection ranges from one to **34 hits** in **141** samples. The frequency of detection for exceedances was lower, ranging from two to **23 hits** in **141** samples. Table **7-6** lists the samples referencing the sediment quality guideline exceeded.

Figures **7-12** through **7-22** depict the areal distribution of detected SVOCs exceeding sediment screening criteria. Figure **7-12** shows two detections of acenaphthylene, one at the Coast Guard station and the other at the barge fuel loading dock (refer to Figure **4-1).** Similarly, anthracene (Figure **7-13)** and fluorene (Figure **7-17)** exhibit the same hits at the Coast Guard Station, barge fuel loading dock, and a few unexplainable locations. Naphthalene, Figure **7-14,** was found in Sherman's Cove and off Site **14** near an old **NPDES** outfall. The distributions of phenanthrene (Figure 7-15), pyrene (Figure 7-16), chrysene (Figure **7-18),** fluoranthene (Figure **7-19),** benzo-(a)-pyrene (Figure **7-20),** and benzo-(a)-anthracene (Figure **7-21)** were detected along the seawall and the **IWTP** shoreline. These SVOCs known as PAHs are products of the incomplete combustion of petroleum products. The concentration of these contaminants in the immediate vicinity of storm water outfalls accepting road runoff suggest the source being asphalt roads and vehicular emissions.



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (139)

◆ DETECTED (0)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (2)

SCREENING LEVEL = 6.87 ppb

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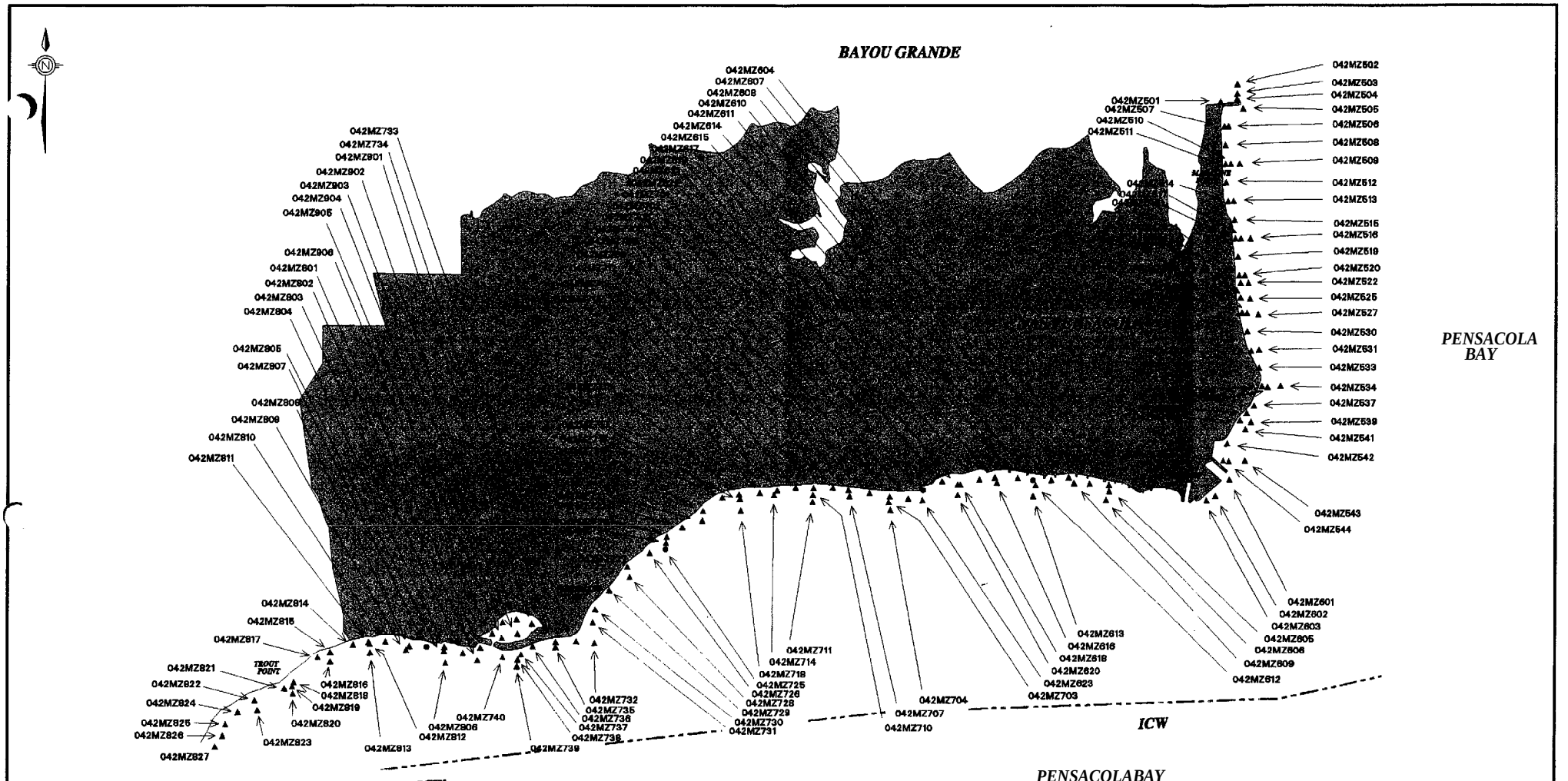
FIGURE 7-12

NATURE AND EXTENT
ACENAPHTHYLENE

/home4/pensacola-dir/mapping-dir/main.mxl



SCALE

0 M 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (137)

DETECTED (0)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (4)

SCREENING LEVEL = 46.9 ppb

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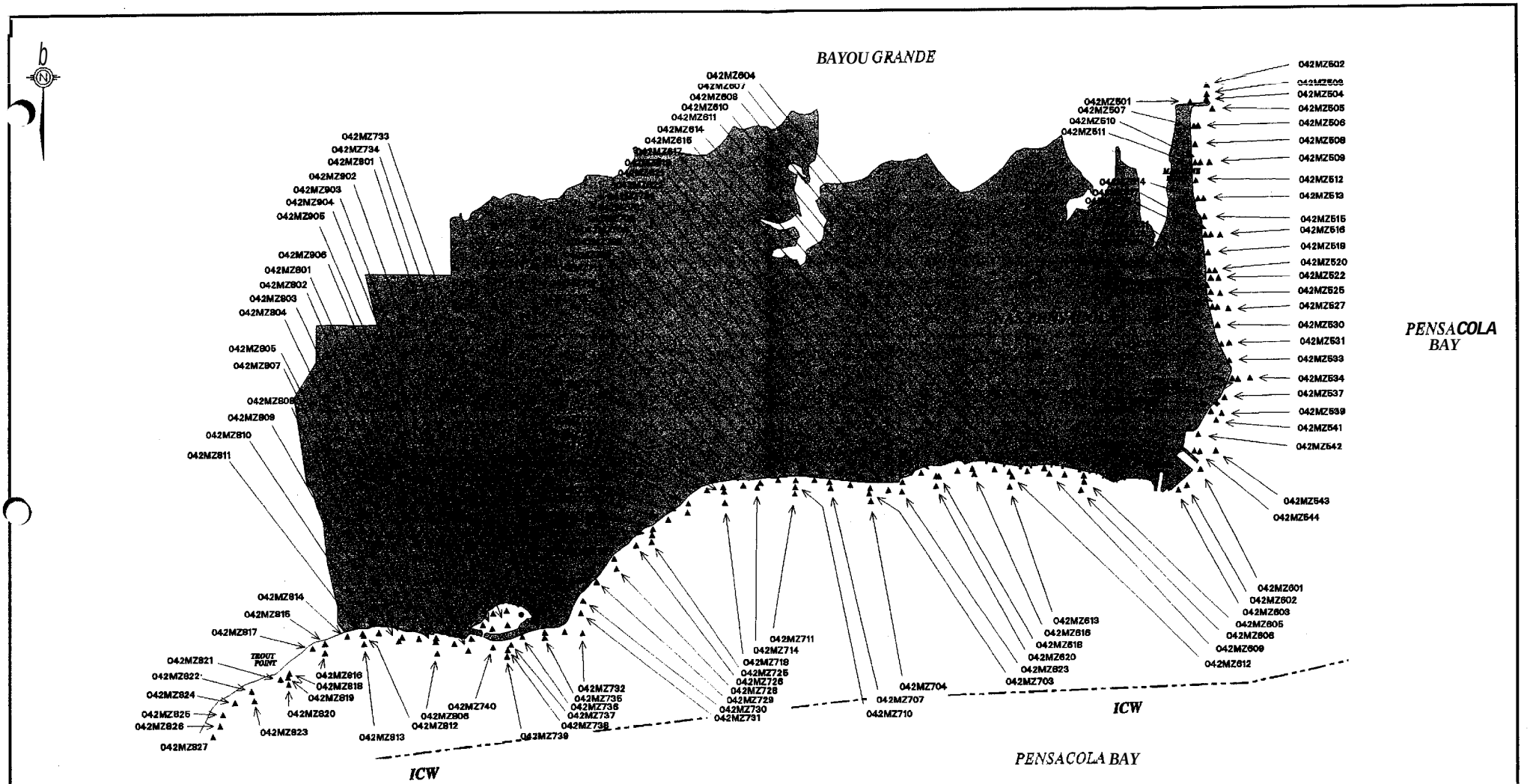
PENSACOLA, FLORIDA

FIGURE 7-13

NATURE AND EXTENT
ANTHRACENE

/home4/pensacola-dir/mapping-dir/main.mll



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (139)

◆ DETECTED (1)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (1)

SCREENING LEVEL = 34.6 ppb

SITE 42
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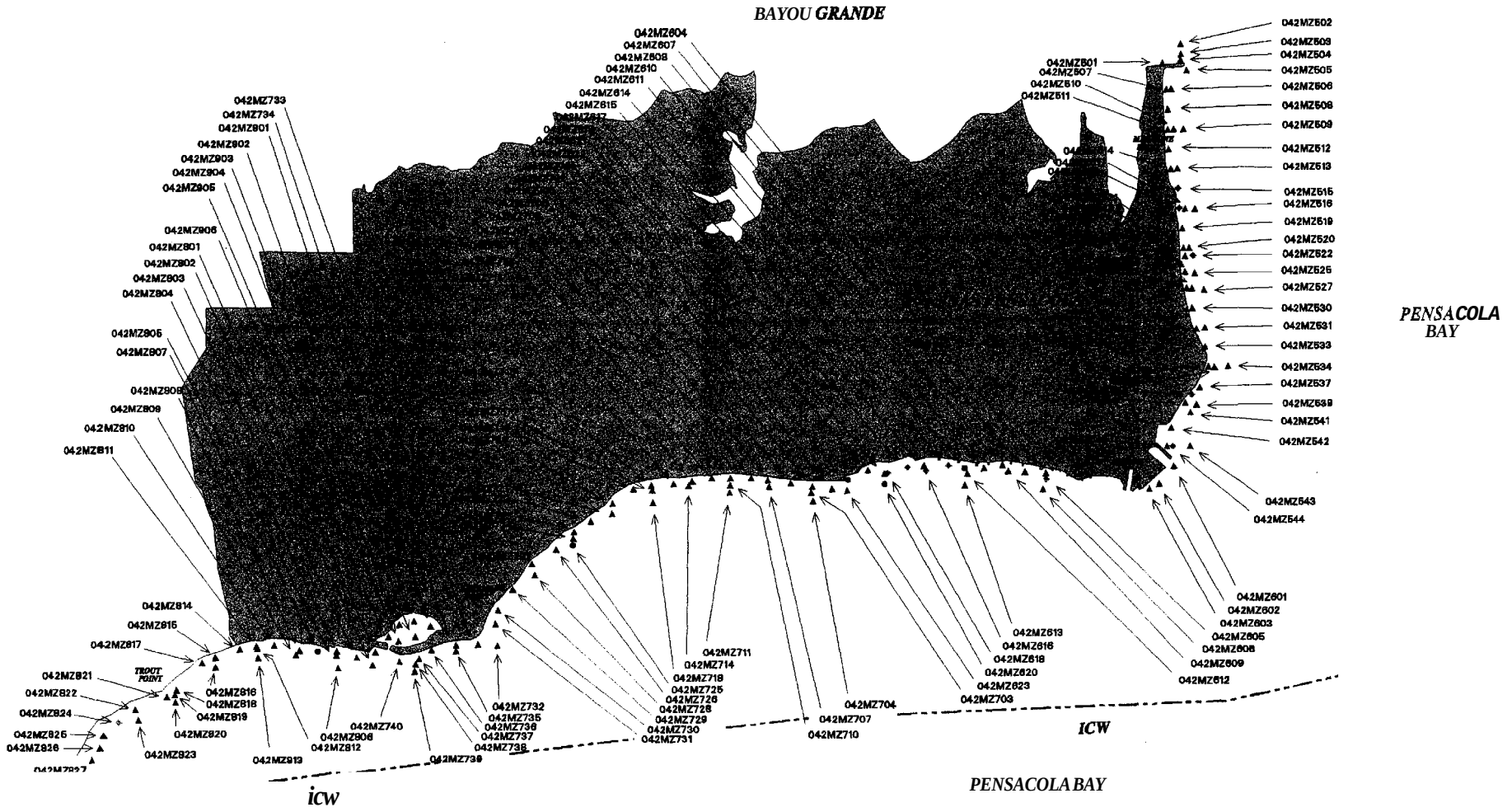
PENSACOLA, FLORIDA

FIGURE 7-14

NATURE AND EXTENT
NAPHTHALENE

/home1/pensacola-dir/mapping-dir/mainsurf



LEGEND

- A NONDETECT (125)
- ◆ DETECTED (11)
- ● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (5)

SCREENING LEVEL = 86.7 ppb

COAST GUARD FACILITY

SCALE

0 feet 5000

SITE 42
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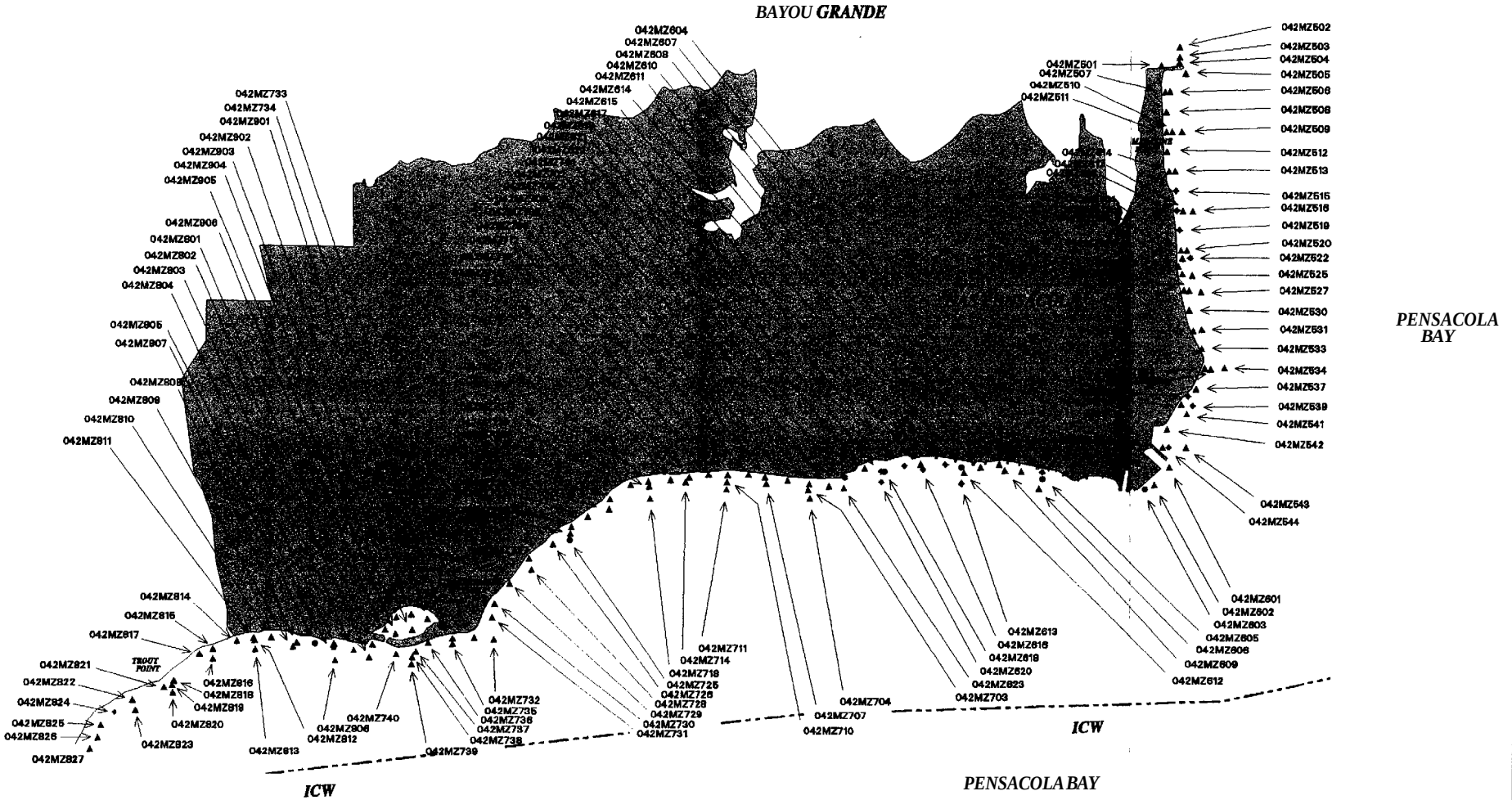
PENSACOLA, FLORIDA

FIGURE 7-15

NATURE AND EXTENT
PHENANTHRENE

/frame4/pensacola-dir/mapping-dir/main.aml



SCALE

0 M 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (118)

DETECTED (15)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (8)

SCREENING LEVEL = 153.0 ppb

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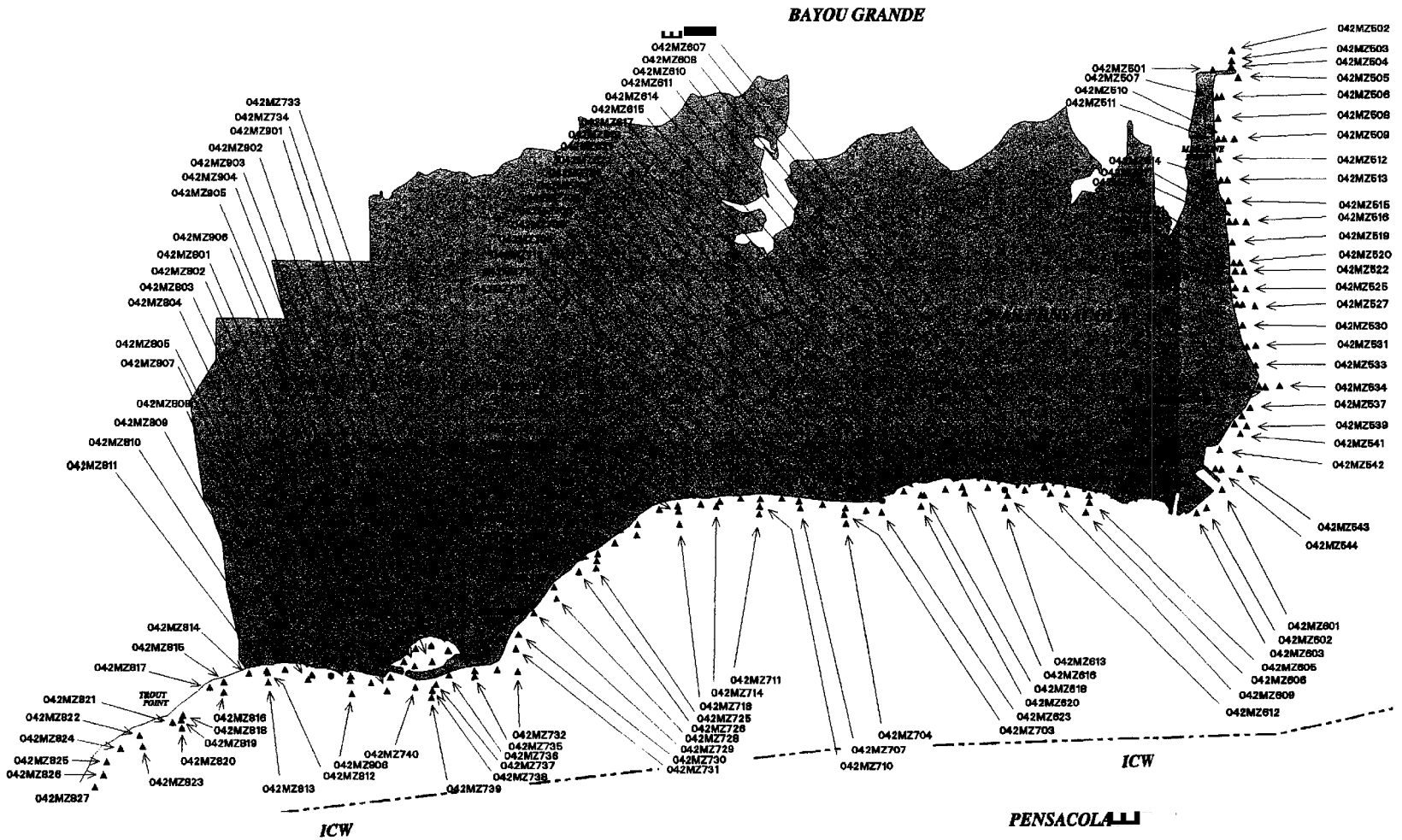
PENSACOLA, FLORIDA

FIGURE 7-16

NATURE AND EXTENT
WRENE

/home4/pensacola-dir/mapping-dir/maiuml



SCALE

0 feet 5000

LEGEND

▲ NONDETECT (138)

◆ DETECTED (0)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (3)

SCREENING LEVEL = 21.2 ppb

COAST GUARD FACILITY

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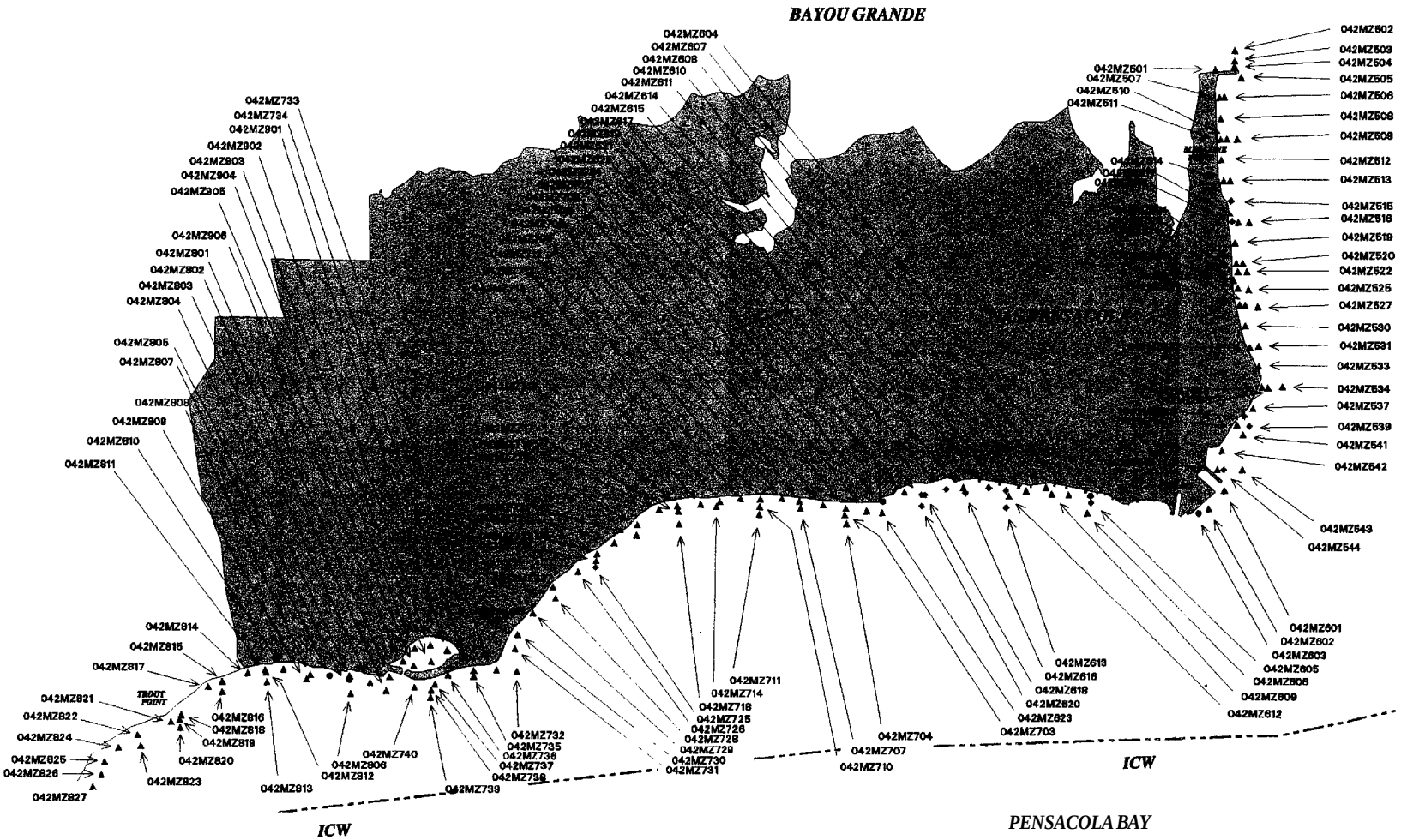
PENSACOLA, FLORIDA

FIGURE 7-17

NATURE AND EXTENT
FLUORENE

/home1/pensacola-dir/mapping-dir/moiu.ant



SCALE

0 feet 5000

COAST GUARD FACILITY

LEGEND

A NONDETECT (121)

DETECTED (15)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (5)

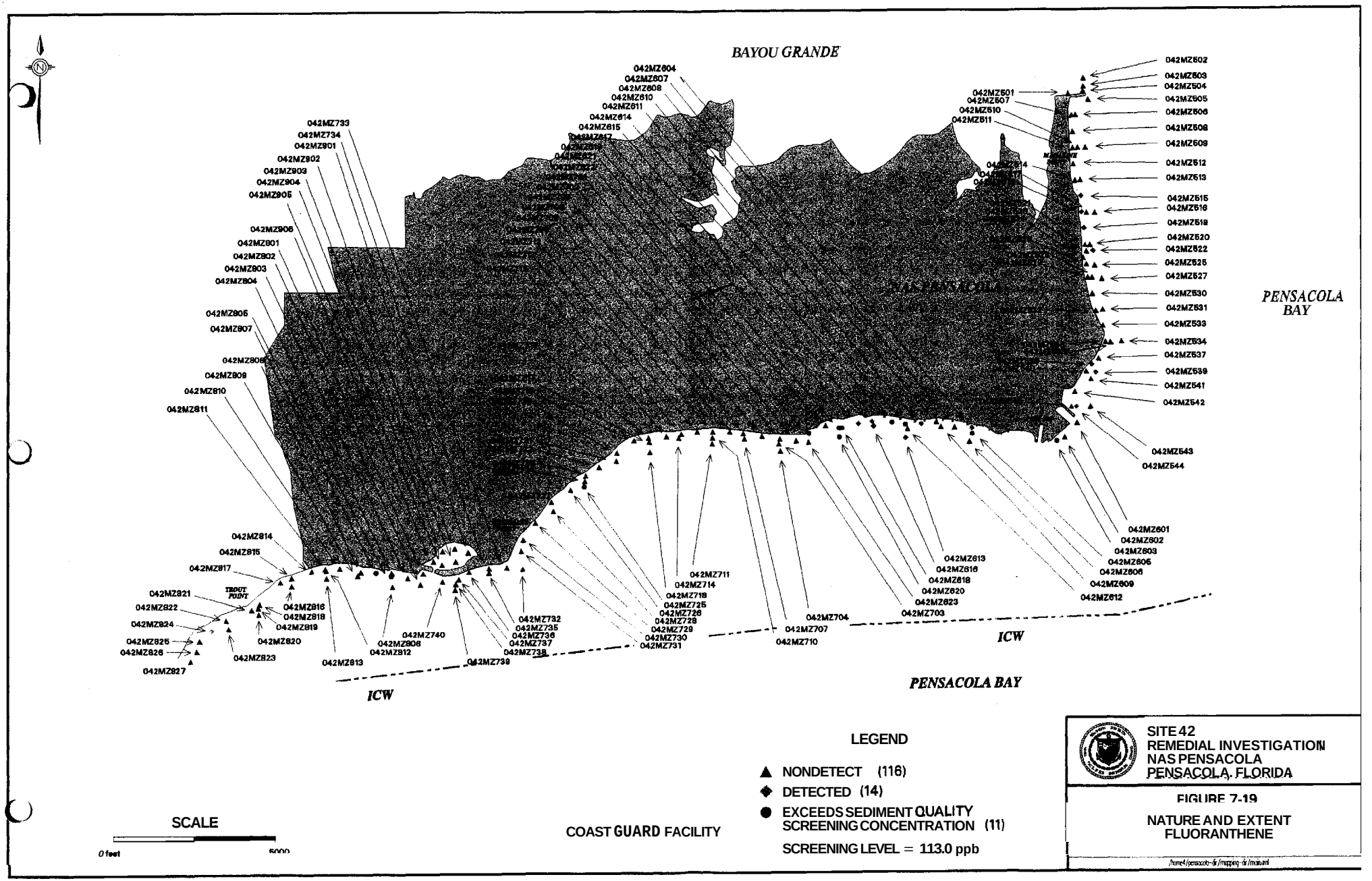
SCREENING LEVEL = 108.0 ppb

E
MEDIAL IN ESTIGATION
S PENSAC A
ISACOLA,

FIGURE 7-18

NATURE AND EXTENT
CHRYSENE

/home1/pensacola-dir/mapping-dir/mixture


BAYOU GRANDE
PENSACOLA BAY
PENSACOLA BAY
ICW
ICW
TROUT POINT
042MZ604
042MZ607
042MZ608
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042MZ611
042MZ614
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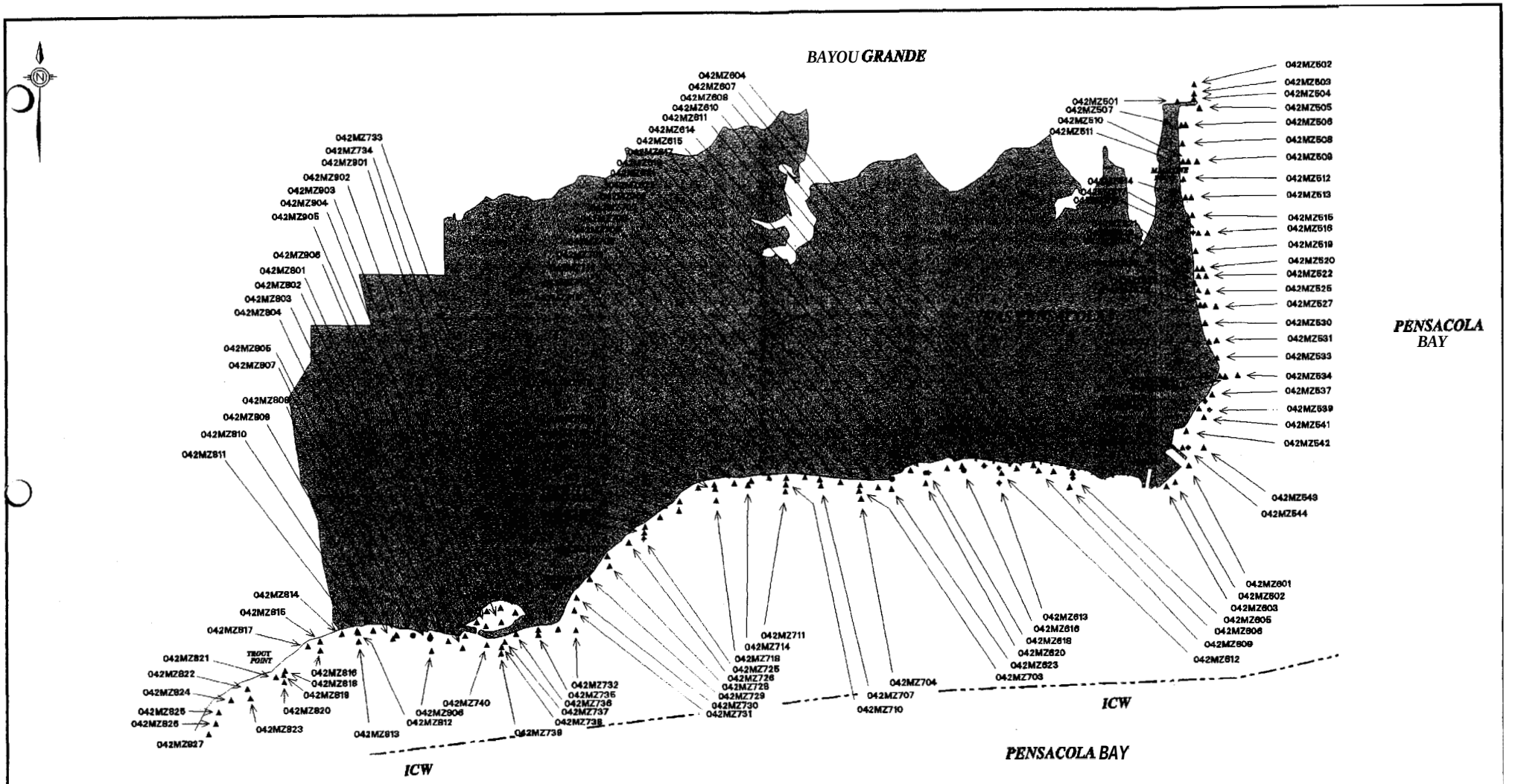
042MZ544
SCALE
0 feet
5000
COAST GUARD FACILITY
LEGEND
NONDETECT (116)
DETECTED (14)
EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (11)
SCREENING LEVEL = 113.0 ppb
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 7-19
NATURE AND EXTENT
FLUORANTHENE



SCALE

COAST GUARD FACILITY

LEGEND

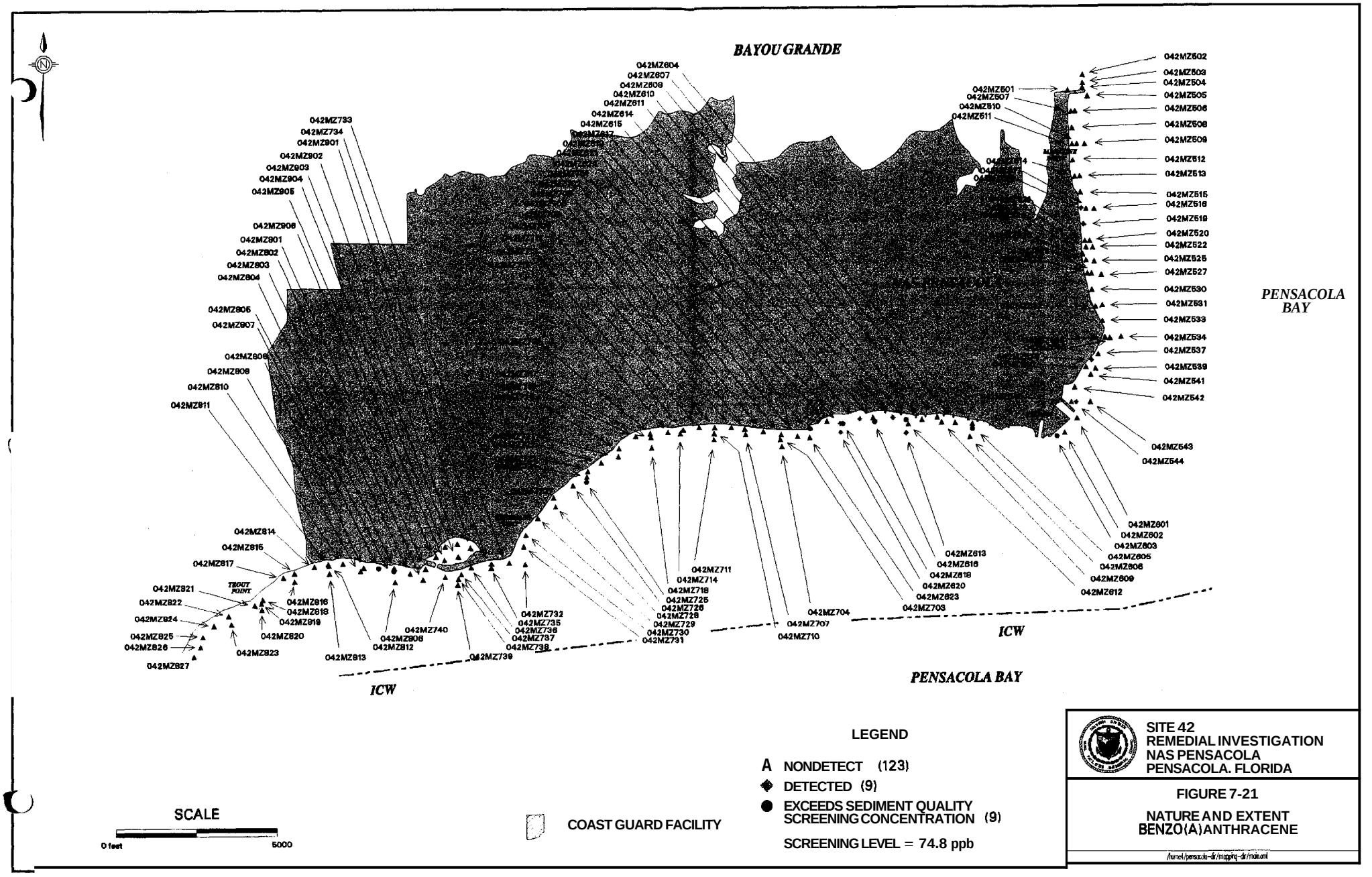
- ▲ NONDETECT (126)
- ◆ DETECTED (10)
- ● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (5)

SCREENING LEVEL = 88.8 ppb

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-20

NATURE AND EXTENT
BENZO(A)PYRENE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PENSACOLA BAY
ICW
ICW
PENSACOLA BAY
TROUT POINT
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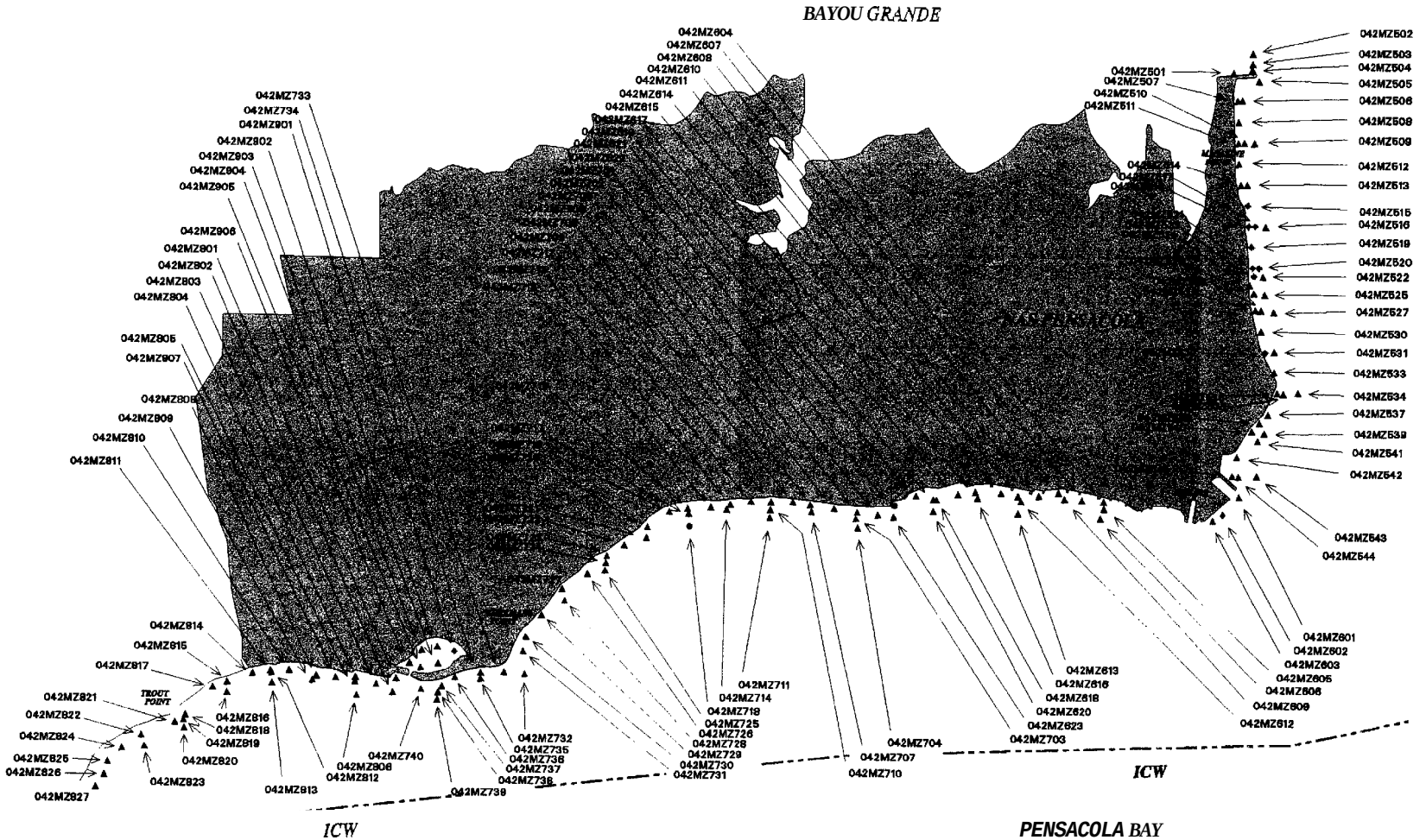
042MZ541
042MZ542
042MZ543
042MZ544
SCALE
0 feet
5000
COAST GUARD FACILITY
LEGEND
NONDETECT (123)
DETECTED (9)
EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (9)
SCREENING LEVEL = 74.8 ppb
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA. FLORIDA
FIGURE 7-21
NATURE AND EXTENT
BENZO(A)ANTHRACENE
/home4/pensacola-dir/mapping-dir/main.aml



LEGEND

A NONDETECT (129)
DETECTED (10)

● EXCEEDS SEDIMENT QUALITY SCREENING CONCENTRATION (2)
SCREENING LEVEL = 182.0 ppb

COAST GUARD FACILITY

SCALE

0 feet 5000

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-22
NATURE AND EXTENT
BIS(2-ETHYLHEXYL)PHTHALATE (BEHP)

/home4/pensacola-dir/mapping-dir/main.aml

Table 7-5
Comparison of Detected SVOCs to Sediment Screening Values

Parameter Semi atiles (µg/kg)	Frequency of Detection	Range of Nondetects	Range of Detected Concentrations	Average Detected Concentration	Sediment Quality Guidelines Concentration	Number Over Screening Value
2,2'-oxybis(1-Chloropropane)	1/141	360. - 1,700.0	84. - 84.0	84.0		
4-Methyl phenol (p-Cresol)	11141	360. - 1,700.0	120. - 120.0	120.0		
Acenaphthylene	2/141	37. - 1,700.0	28. - 92.0	60.0	5.87 b	2
Anthracene	41141	36. - 170.0	51. - 650.0	220.75	46.9 b	4
Benzo(a)anthracene	18/141	36. - 170.0	21. - 1,800.0	174.5	74.8 b	9
Benzo(a)pyrene	15/141	36. - 480.0	25. - 1,100.0	156.7333	88.8 b	5
Benzo(b)fluoranthene	25/141	36. - 170.0	24. - 1,700.0	164.32		
Benzo(g,h,i)perylene	101141	36. - 170.0	27. - 470.0	98.5		
Benzo(k)fluoranthene	13/141	36. - 170.0	21. - 870.0	126.3846		
Butylbenzylphthalate	51141	360. - 1,700.0	20. - 55.0	30.6		
Carbazole	2/141	360. - 1,700.0	53. - 100.0	76.5		
Chrysene	20/141	36. - 170.0	23. - 2,500.0	220.4	108. b	5
Di-n-butylphthalate	34/141	360. - 1,700.0	20. - 82.0	30.2059		
Diethylphthalate	21141	360. - 1,700.0	21. - 170.0	95.5		

Table 7-5
Comparison of Detected SVOCs to Sediment Screening Values

Parameter Semivolatiles (μg/kg)	Frequency of Detection	Range of Nondetects	Range of Detected Concentrations	Average Detected Concentration	Sediment Quality Guidelines Concentration	Number Over Screening Value
Fluoranthene	**25/141**	**36. - 170.0**	**19. - 2,600.0**	**218.16**	**113. b**	**11**
Fluorene	31141	17. - 84.0	31. - 63.0	46.6667	21.2 b	3
Indeno(1,2,3-cd)pyrene	**10/141**	**36. - 170.0**	**21. - 480.0**	**94.9**		
Naphthalene	21141	36. - 170.0	23. - 41.0	32.0	34.6 b	1
Pentachlorophenol	**1/141**	**0. - 4,200.0**	**21. - 21.0**	**21.0**		
Phenanthrene	16/141	36. - 170.0	21. - 410.0	97.375	86.7 b	5
Phenol	**7/141**	**360. - 1,700.0**	**24. - 71.0**	**39.0**		
Pyrene	231141	36. - 170.0	22. - 2,300.0	215.6522	153. b	8
bis(2-Ethylhexyl)phthalate	**12/141**	**350. - 1,700.0**	**52. - 1,400.0**	**279.0**	**182. b**	**2**

Notes:
b = Florida Department of Environmental Protection Screening Concentration for Sediment — FDEP Sediment Quality Assessment Guidelines
μg/kg = micrograms per kilogram

Table 7-6
SVOCs Exceeding Sediment Quality Guidelines

Parameter	Sample ID	Sample Date	Result (µg/kg)	VQUAL	Sediment Quality Guideline Value (µg/kg)	Criteria Exceeded
Acenaphthylene	042-M-Z622-01	11/06/95	28.00	J	5.870	FDEP-SQAG
	042-M-Z807-01	10/25/95	92.00	J	5.870	FDEP-SQAG
Anthracene	042-M-Z611-01	10/25/95	52.00		46.900	FDEP-SQAG
	042-M-Z622-01	12/11/95	130.00		46.900	FDEP-SQAG
	042-M-Z725-01	1211 1/95	51.00	J	46.900	FDEP-SQAG
	042-M-Z807-01	12/11/95	650.00		46.900	FDEP-SQAG
Benzo(a)anthracene	042-M-Z603-01	11/14/95	130.00		74.800	FDEP-SQAG
	042-M-Z605-01	11/09/95	95.00		74.800	FDEP-SQAG
	042-M-Z611-01	11/08/95	85.00		74.800	FDEP-SQAG
	042-M-Z616-01	11/08/95	89.00	J	74.800	FDEP-SQAG
	042-M-Z618-01	11/08/96	84.00		74.800	FDEP-SQAG
	042-M-Z622-01	11/06/95	310.00		74.800	FDEP-SQAG
	042-M-Z725-01	10/27/95	80.00	J	74.800	FDEP-SQAG
	042-M-Z805-01	10/25/95	120.00	J	74.800	FDEP-SQAG
	042-M-Z807-01	10/25/95	1,800.00		74.800	FDEP-SQAG

Table 7-6
SVOCs Exceeding Sediment Quality Guidelines

Parameter	Sample ID	Sample Date	Result (µg/kg)	VQUAL	Sediment Quality Guideline Value (µg/kg)	Criteria Exceeded
Benzo(a)pyrene	042-M-Z61641	11/08/95	110.00		88.800	FDEP-SQAG
	042-M-Z619-01	01131/96	140.00		88.800	FDEP-SQAG
	042-M-Z622-01	11/06/95	330.00	J	88.800	FDEP-SQAG
	042-M-280541	10/25/95	140.00	J	88.800	FDEP-SQAG
	042-M-Z807-01	10/25/95	1,100.00		88.800	FDEP-SQAG
Chrysene	042-M-Z603-01	11/14/95	160.00		108.000	FDEP-SQAG
	042-M-Z604-01	1//09/95	120.00		108.000	FDEP-SQAG
	042-M-Z622-01	11/06/95	520.00		108.000	FDEP-SQAG
	042-M-Z805-01	10/25/95	240.00		108.000	FDEP-SQAG
	042-M-Z807-01	10/25/95	2,500.00		108.000	FDEP-SQAG
Fluoranthene	042-M-Z603-01	11/14/95	190.00		113.000	FDEP-SQAG
	042-M-Z605-01	11/09/95	130.00		113.000	FDEP-SQAG
	042-M-Z611-01	11/08/95	220.00		113.000	FDEP-SQAG
	042-M-Z614-01	11/08/95	140.00		113.000	FDEP-SQAG
	042-M-Z61841	11/08/95	150.00		113.000	FDEP-SQAG
	042-M-Z619-01	01/31/96	120.00		113.000	FDEP-SQAG
	042-M-Z620-01	11/06/95	120.00		113.000	FDEP-SQAG

Table 7-6
SVOCs Exceeding sediment Quality Guidelines

Parameter	Sample ID	Sample Date	Result (µg/kg)	VQUAL	Sediment Quality Guideline Value (µg/kg)	Criteria Exceeded
Fluoranthene	042-M-Z622-01	11/06/95	730.00		113.000	FDEP-SQAG
	042-M-2725-01	10/27/95	210.00	J	113.000	FDEP-SQAG
	042-M-Z805-01	10/25/95	210.00		113.000	FDEP-SQAG
	042-M-2807-01	10/25/95	2,600.00		113.000	FDEP-SQAG
Fluorene	042-M-Z611-01	11/08/95	31.00		21.200	FDEP-SQAG
	042-M-Z622-01	11/06/95	46.00		21.200	FDEP-SQAG
	042-M-Z807-01	10/25/95	63.00	J	21.200	FDEP-SQAG
Naphthalene	042-M-Z901-01	02/09/96	41.00	J	34.600	FDEP-SQAG
Phenanthrene	042-M-Z611-01	11/08/95	260.00		86.700	FDEP-SQAG
	042-M-Z620-01	11/06/95	98.00		86.700	FDEP-SQAG
	042-M-Z622-01	11/06/95	410.00		86.700	FDEP-SQAG
	042-M-Z725-01	10/27/95	95.00	J	86.700	FDEP-SQAG
	042-M-Z807-01	10/25/95	260.00		86.700	FDEP-SQAG

Table 7-6
SVOCs Exceeding Sediment Quality Guidelines

Parameter	Sample ID	Sample Date	Result (µg/kg)	VQUAL	Sediment Quality Guideline Value (µg/kg)	Criteria Exceeded
Pyrene	042-M-Z603-01	11/14/95	200.00		153.000	FDEP-SQAG
	042-M-2605-01	11/09/95	160.00		153.000	FDEP-SQAG
	042-M-Z611-01	11/08/95	160.00		153.000	FDEP-SQAG
	042-M-Z618-01	11/08/95	160.00		153.000	FDEP-SQAG
	042-M-2622-01	11/06/95	680.00		153.000	FDEP-SQAG
	042-M-Z725-01	10/27/95	190.00	J	153.000	FDEP-SQAG
	042-M-Z805-01	10/25/95	230.00		153.000	FDEP-SQAG
	042-M-2807-01	10/25/95	2,300.00		153.000	FDEP-SQAG
bis(2-Ethylhexyl)phthalate	042-M-Z622-01	11/06/95	1,100.00	J	182.000	FDEP-SQAG
	042-M-Z718-01	10/30/95	1,400.00	J	182.000	FDEP-SQAG

Notes:
FDEP-SQAG = Florida Department of Environmental Protection-Sediment Quality Assessment Guidelines
J = The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.
All results are in micrograms per kilogram

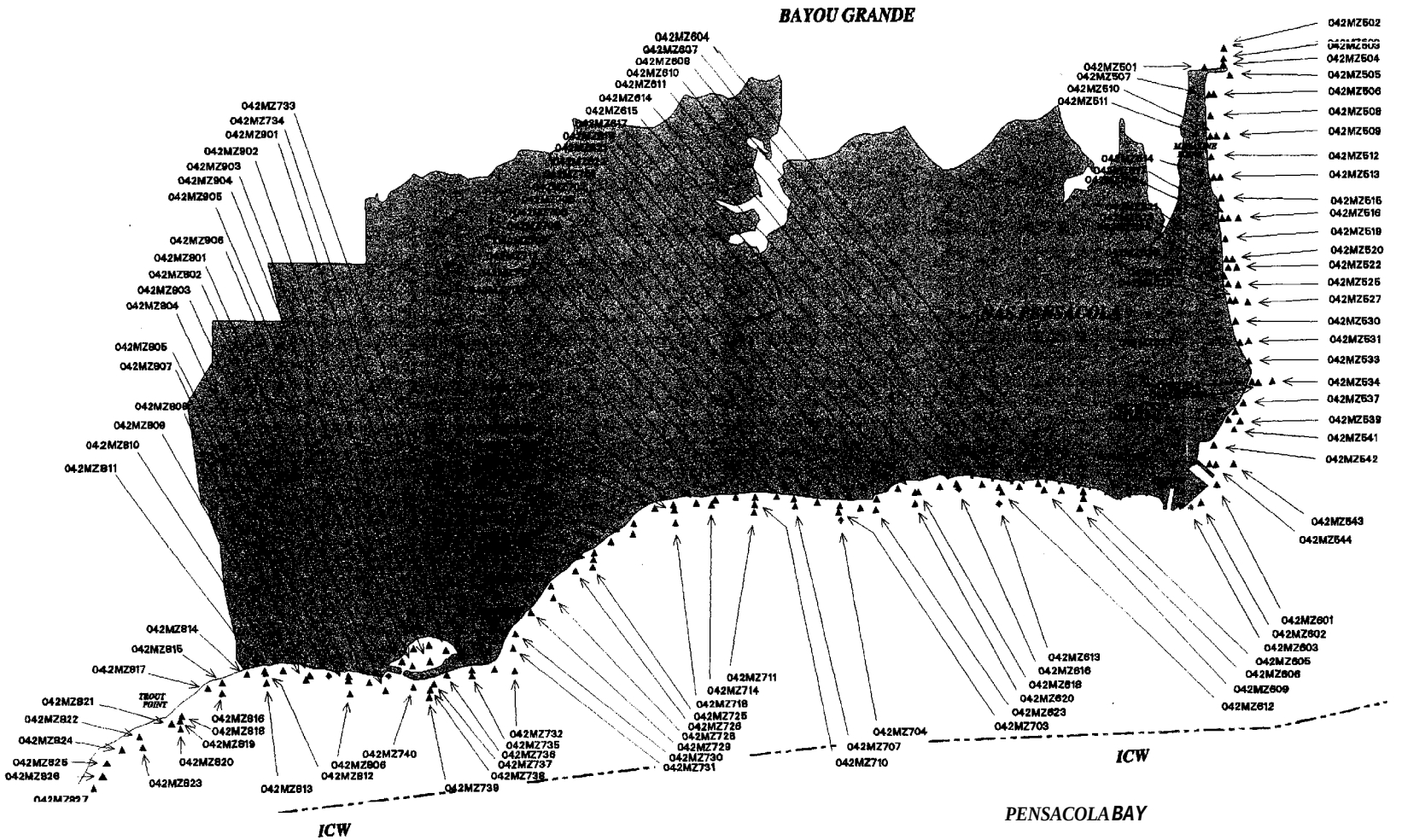
7.4 Volatile Organic Compounds

Nine VOCs were detected in the 141 samples collected at Site 42. Table 7-7 displays the frequency of detection, range of nondetected upper bounds, range of detected concentrations, and average detected concentration. The frequency of detections is less than 7% of the total number of samples analyzed. At the concentrations exhibited by these results, the analytes would be a solute in the interstitial seawater.

No sediment quality screening values are available for VOCs in sediments. Figures 7-23 through 7-29 display the distribution patterns of the VOC detections. Areas of high TOC and fine grained sediment such as Trout Point, barge fuel dock, concrete seawall and quay, and IWTP show some or all of these VOCs just above the detection limit.

7.5 Conclusions

All detections were limited by nondetects in all sampling directions providing the area of extent. The analytical data provided the nature of the contaminants identified metals, pesticides, PCBs, SVOCs, and VOCs at Site 42. Of the analytes detected, seven metals, three pesticides, one PCB, and 11 SVOCs exceeded a sediment quality guideline for sediment. No sediment screening values exist for VOCs. Except for PAH compounds, all detections were of the same order of magnitude as the SSV. Mapping the exceedances identified areas of contaminant deposition compared to other areas sampled. Those areas include the barge loading dock, Coast Guard Station, concrete seawall and quay, and the IWTP. Areas of high TOC appear to correlate well with detections of organic constituents. PAH contamination is these areas are related to the discharges from these facilities.



LEGEND

A NONDETECT (135)

◆ DETECTED (6)

NO SEDIMENT QUALITY SCREENING CONCENTRATION FOR VOCs

SCALE

0 feet 5000

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-23

NATURE AND EXTENT
2-BUTANONE (MEK)

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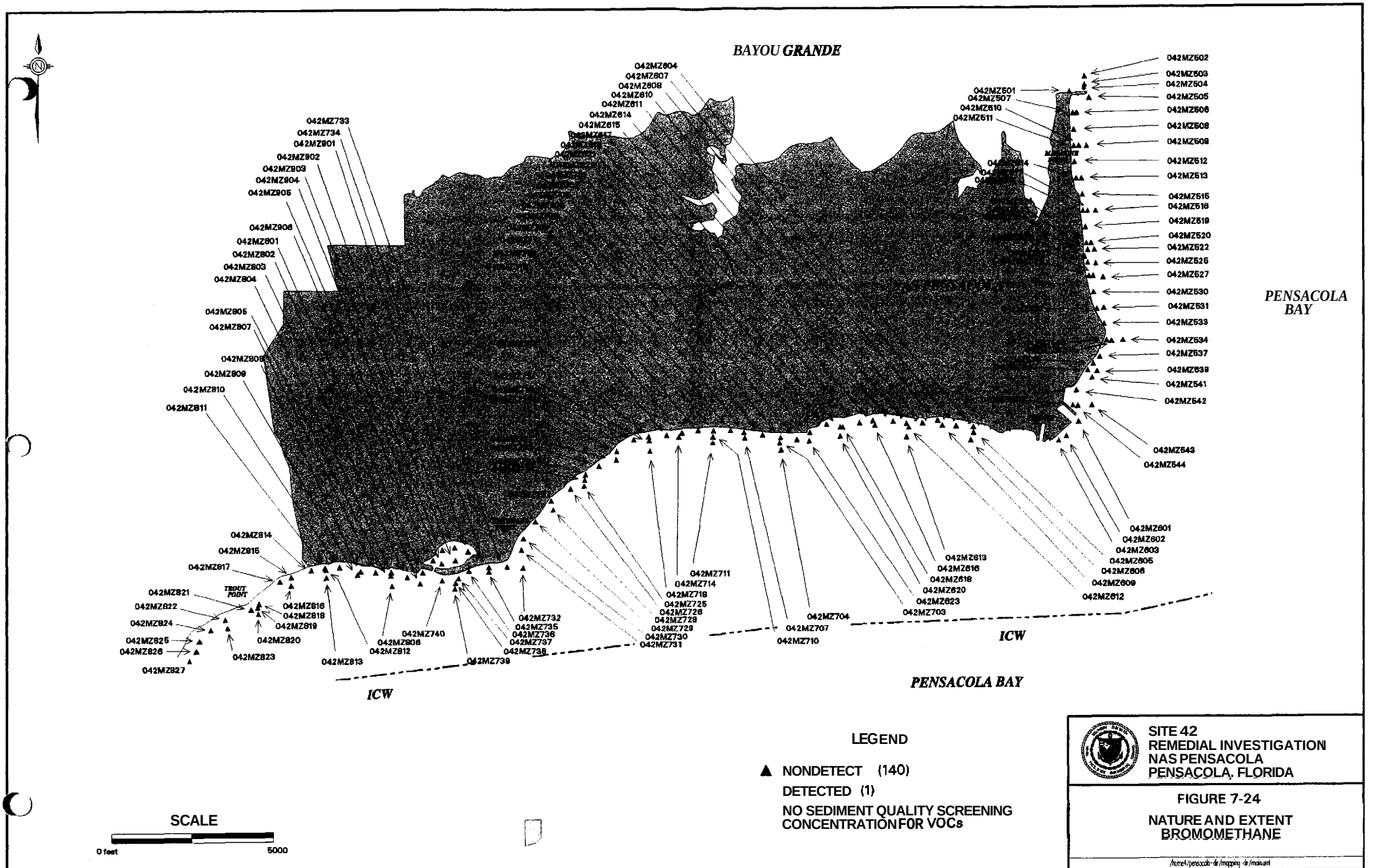
BAYOU GRANDE
PENSACOLA BAY
ICW
ICW
PENSACOLA BAY
TROUT POINT
042MZ604
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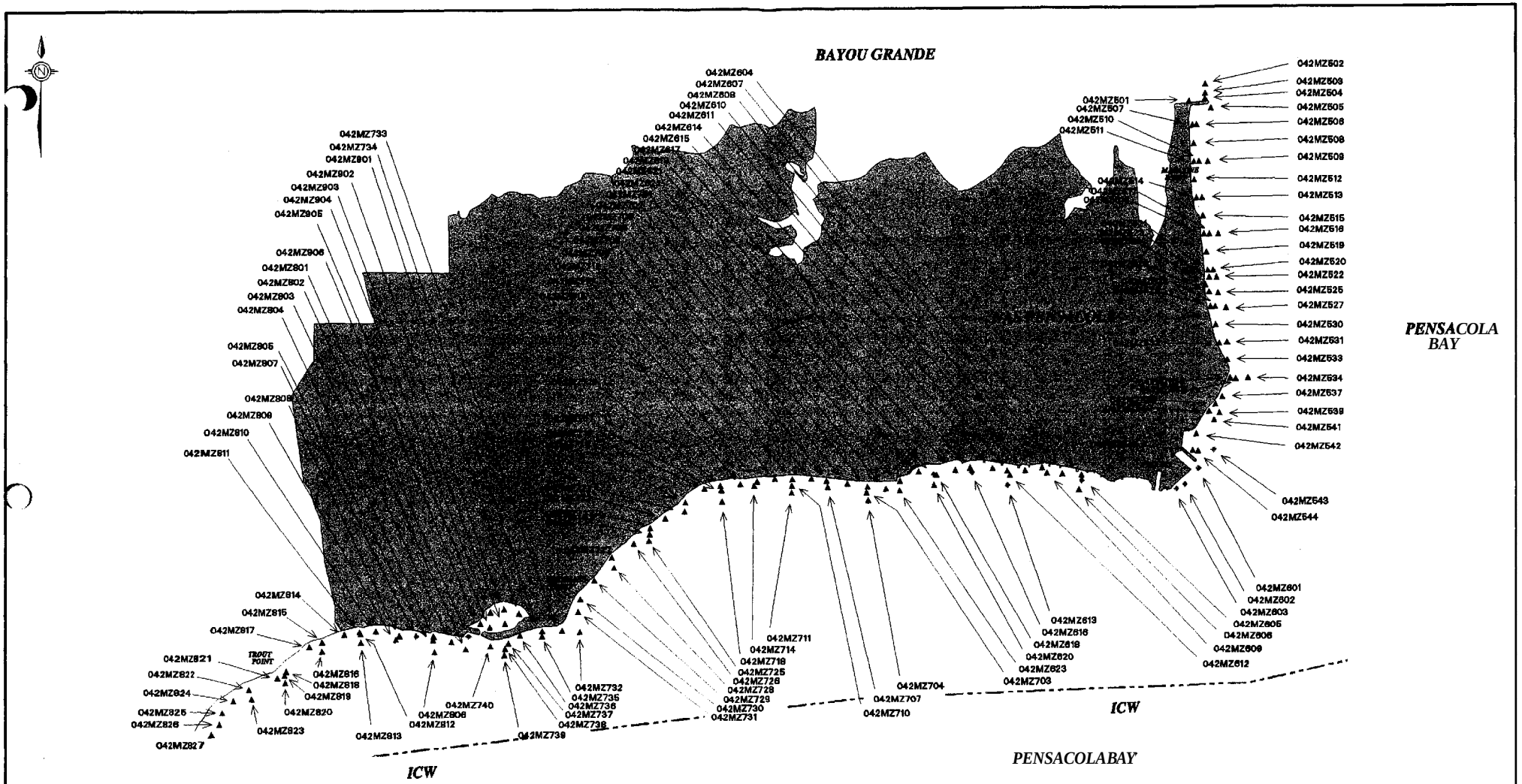
042MZ544
SCALE
0 feet
5000
LEGEND
NONDETECT (140)
DETECTED (1)
NO SEDIMENT QUALITY SCREENING CONCENTRATION FOR VOCs
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 7-24
NATURE AND EXTENT
BROMOMETHANE



SCALE

0 feet 5000

LEGEND

A NONDETECT (131)

DETECTED (10)

NO SEDIMENT QUALITY SCREENING CONCENTRATIONFOR VOCs

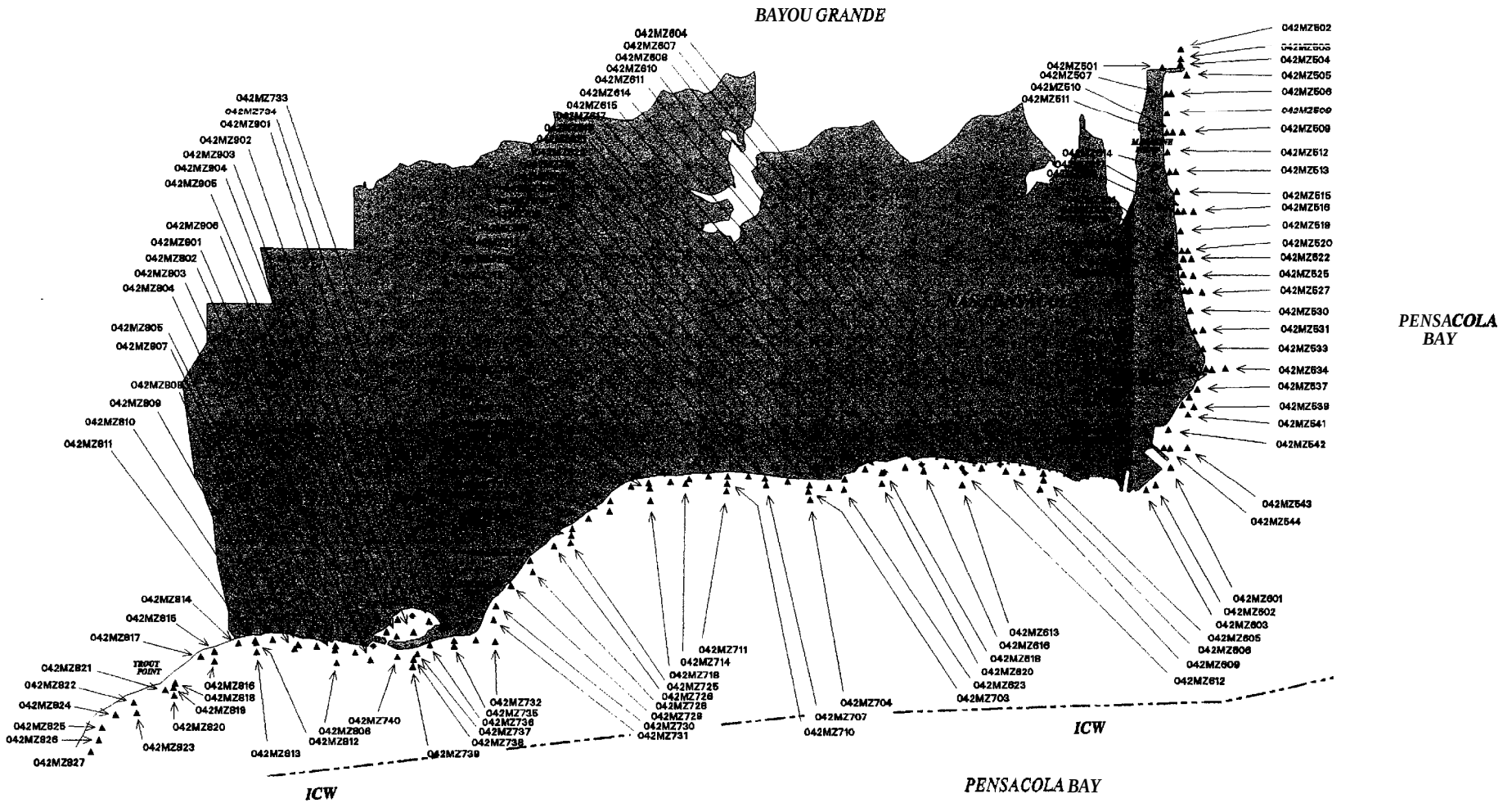
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-25

NATURE AND EXTENT
CARBON DISULFIDE

/usr4/pensacola-di/mapping-dir/main.aml

1



LEGEND

A NONDETECT (134)

◆ DETECTED (7)

NO SEDIMENT QUALITY SCREENING CONCENTRATION FOR VOCs

SCALE

0 feet 5000

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-26

NATURE AND EXTENT
CHLOROBENZENE

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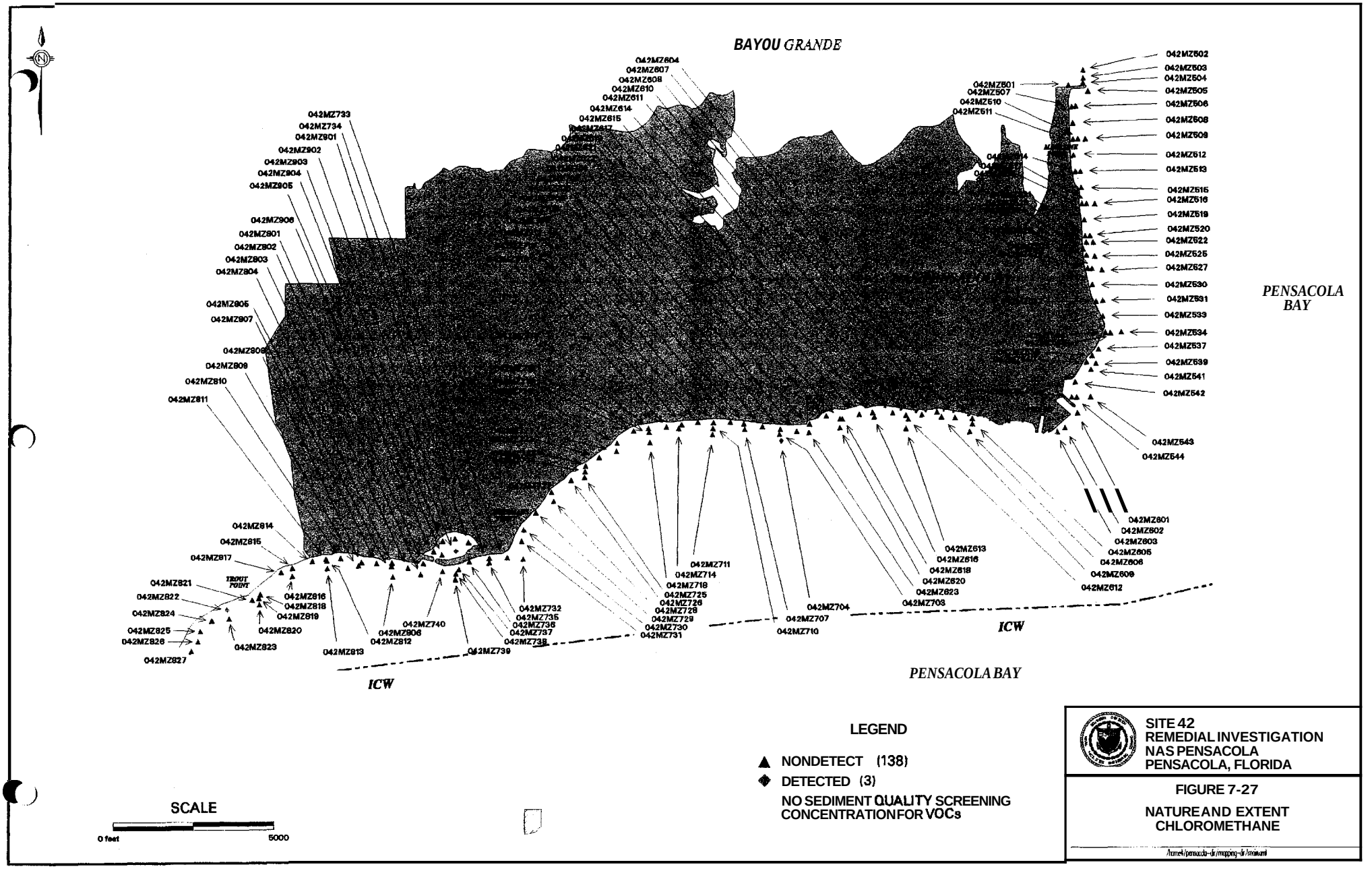
BAYOU GRANDE
PENSACOLA BAY
PENSACOLA BAY
ICW
ICW
TROUT POINT
042MZ604
042MZ607
042MZ608
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042MZ611
042MZ614
042MZ615
042MZ733
042MZ734
042MZ901
042MZ902
042MZ903
042MZ904
042MZ905
042MZ906
042MZ801
042MZ802
042MZ803
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042MZ814
042MZ815
042MZ817
042MZ821
042MZ822
042MZ824
042MZ825
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042MZ827
042MZ816
042MZ818
042MZ819
042MZ820
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042MZ740
042MZ806
042MZ812
042MZ739
042MZ732
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042MZ738
042MZ711
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042MZ718
042MZ725
042MZ726
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042MZ729
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042MZ707
042MZ710
042MZ613
042MZ616
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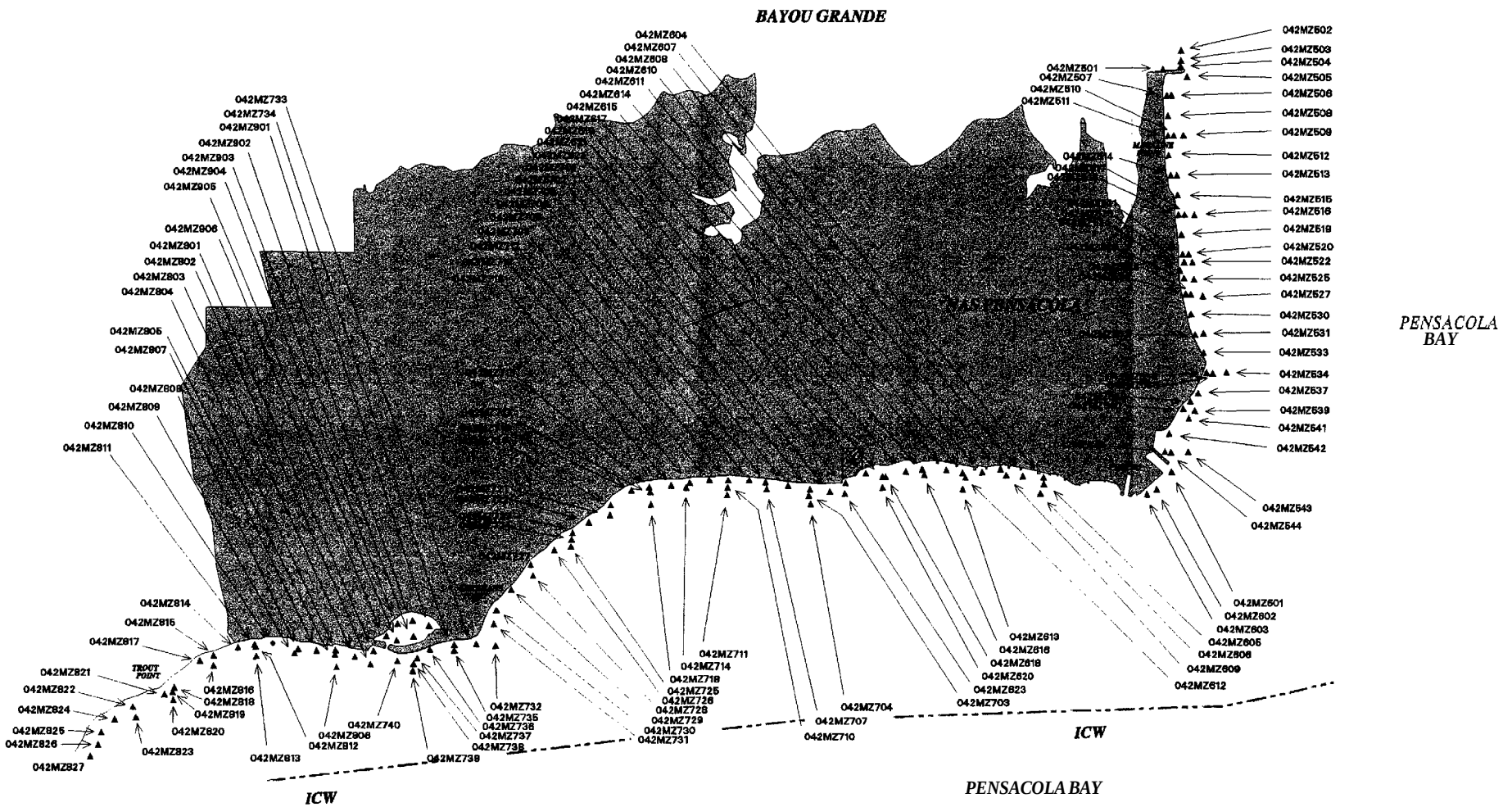
042MZ631
042MZ533
042MZ634
042MZ637
042MZ639
042MZ641
042MZ542
042MZ543
042MZ544
042MZ601
042MZ602
042MZ603
042MZ605
042MZ606
042MZ609
042MZ612
SCALE
0 feet
5000
LEGEND
NONDETECT (138)
DETECTED (3)
NO SEDIMENT QUALITY SCREENING CONCENTRATION FOR VOCs
SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 7-27
NATURE AND EXTENT
CHLOROMETHANE



SCALE

0 feet 5000

LEGEND

A NONDETECT (140)

◆ DETECTED (1)

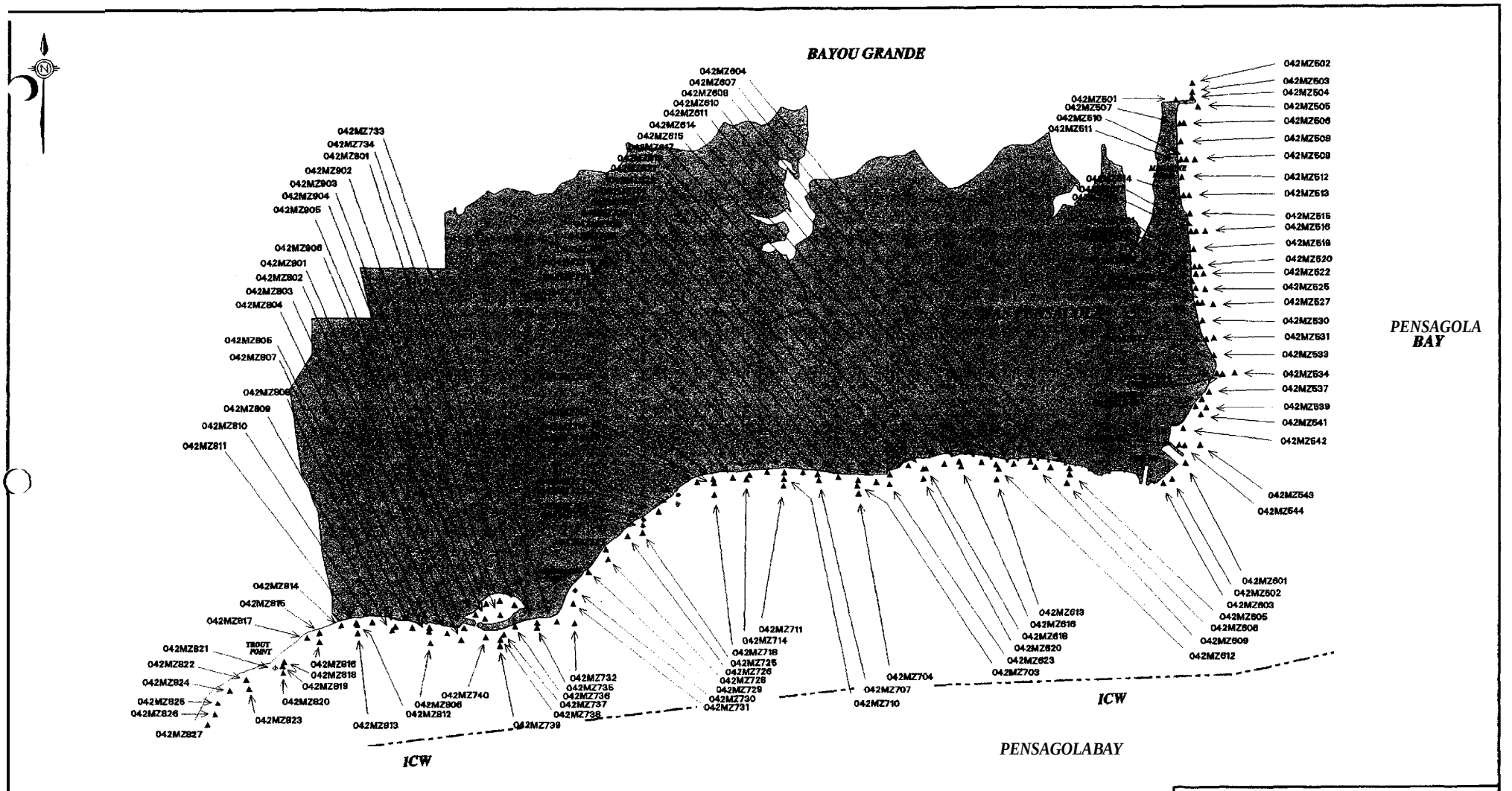
NO SEDIMENT QUALITY SCREENING CONCENTRATION FOR VOCs

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-28

NATURE AND EXTENT
TETRACHLOROETHENE

/home4/pensacola-dir/mapping-dir/mainaml



LEGEND

▲ NONDETECT (135)

◆ DETECTED (6)

NO SEDIMENT QUALITY SCREENING CONCENTRATIONFOR VOCs

SITE 42
REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 7-29

NATURE AND EXTENT
TOLUENE

Table 7-7
VOCs Detected in sediment

Parameter (Volatiles [μg/kg])	Frequency of Detection	Range of Nondetects	Range of Detected Concentrations	Average Detected Concentration
2-Butanone (MEK)	6/141	11. - 59.0	8. - 99.0	38.8333
Bromoethane	1/141	11. - 59.0	4. - 4.0	4.0
Carbon disulfide	10/141	11. - 59.0	3. - 42.0	15.6
Chlorobenzene	7/141	11. - 59.0	2. - 9.0	5.4286
Chloromethane	3/141	11. - 59.0	5. - 30.0	16.6667
Tetrachloroethene	1/141	11. - 59.0	2. - 2.0	2.0
Toluene	6/141	11. - 59.0	1. - 3.0	1.3333

Note:
μg/kg = micrograms per kilogram

8.0 DATA VALIDATION

Site 42 data were validated by Heartland Environmental Services Inc. of St. Peters, Missouri. Phase I TOC data was analyzed by Thompson Engineering, Mobile Alabama. The Phase II analytical work was conducted by CEIMIC in Narragansett, Rhode Island. Samples analyzed in accordance with the following guidance documents.

- Naval Energy and Environmental Support Activity Level D QA/QC guidelines as stated in: *Sampling and Chemical Analysis Quality Assurance Requirements for the Navy Installation and Restoration Program (NEESA 02.2-047B, 1988).*

- NFESC *Navy Installation Restoration Laboratory Quality Assurance Guide, Interim Document,* February 1996.

- USEPA CLP, *Superfund Analytical Methods for Low Concentration Water for Organic Analysis,* October 1992a (CLP Low Organic SOW).

- USEPA CLP, *Superfund Analytical Methods for Low Concentration Water for Inorganic Analysis,* October 1991 (CLP Low Inorganic SOW).

- USEPA CLP, *Statement of Work for Organic Analysis, Multi-Media, Multi-Concentration,* OLM01.8, October 1992b (CLP Organic SOW).

- USEPA CLP, *Statement of Work for Inorganic Analysis, Multi-media, Multi-Concentration,* ILM03.0 October 1992c (CLP Inorganic SOW).

- USEPA, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (SW-846), Third Edition, revised July 1992d.

- USEPA Environmental Monitoring and Support Laboratory, ***Methods for Chemical Analysis of Water and Wastes*** (EPA-600/4-79-020, revised March 1983).

Data were validated in accordance with the following documents.

- ***USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review,*** February 1994a (EPA-540/R-94/013) (Organic Functional Guidelines).

- ***USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review,*** February 1994b (EPA 540/R-94/013) (Inorganic Functional Guidelines).

Data validation qualifiers are listed at the end of this section. Appendix A provides TOC data from Phase I, Appendix B contains the analytical data for the samples collected during Phase II, and Appendix C presents the laboratory and field QA/QC data from Phase II.

8.1 Organic Analysis

Summary Tables 8-1, 8-2, and 8-3 list the sample delivery group (SDG) and the problems associated with the data. Professional judgement is used to judge overall acceptability of the data. The following pargraphs detail the holding times, matrix spike/matrix spike duplicate (MS/MSD), laboratory control samples, calibrations, blanks, surrogates, internal standards, field duplicates, and compound quantitation

8.1.1 Holding Times

All technical and contractual holding times were within **QC** requirements for the volatile fractions. Holding times were out of **QC** requirements for semivolatile SDG EM0050 sample 042MZ53201, SDG Z31001 sample 042MZ50401, and for all samples within SDG MZ7230. Many samples exceeded holding times for pesticide/PCB fractions within SDGs EM0050, 231001, 253301,

Table 8-1
Site 42 Volatile SDG Summary

SDG	Holding Times	GC/MS Tunes	ICal	CCal	IS	Blanks	Surr.	MS/ MSD	LCS	Overall
040EMO				X		X				OK
EM0010				X	X	X	X			OK
EM0050				X		X	X			OK
EW0010				X		X				OK
MZ1010				X		X	X			OK
MZ6020				X	X	X	X			OK
MZ7230				X		X				OK
MZ8030				X		X				OK
MZ9010										OK
213601				No volatile analysis performed						
230201				No volatile analysis performed						
231001						X				OK
Z41901				X		X				OK
250801				X		X				OK
253301				X		X				OK
Z61 101				X		X	X			OK

Notes:

ccal	=	continuing calibration
GC/MS	=	gas chromatograph/mass spectrometer
ICal	=	initial calibration
IS	=	instrument standard
LCS	=	laboratory control sample
MS/MSD	=	matrix spike/matrix spike duplicate
SDG	=	sample delivery group
Surr.	=	surrogates

An "X" in a column means that one or more QC criteria were not met; one or more samples were qualified.

An "OK" in the Overall column means the data were acceptable with minor qualifications. No positive results were rejected; however, non-detected may have been rejected and flagged "UR."

Table 8-2
Site 42 Semivolatile SDG Summary

SDG	Holding Times	GC/MS Tunes	ICal	CCal	IS	Blanks	Surr.	MS/ MSD	LCS	Overall
040EMO				X	X	X			NA	OK
EM0010				X		X				OK
EM0050	X			X		X				OK
EW0010				X					NA	OK
MZ1010				X		X			NA	OK
MZ6020				X					NA	OK
MZ7230	X			X	X	X				OK
MZ8030				X		X				OK
MZ9010				X					NA	OK
213601				No semivolatile analysis performed						
230201				No semivolatile analysis performed						
231001	X			X		X				OK
Z41901				X		X				OK
250801				X		X				OK
Z53301									NA	OK
261101				X	X	X			NA	OK

Notes:

ccal	=	continuing calibration
GC/MS	=	gas chromatograph/mass spectrometer
ICal	=	initial calibration
IS	=	instrument standard
LCS	=	laboratory control sample
MS/MSD	=	matrix spike/matrix spike duplicate
NA	=	not applicable
SDG	=	sample delivery group
surr.	=	surrogates

An "X" in a column means that one or more QC criteria were not met; one or more samples were qualified.

An "OK in the Overall column means the data were acceptable with minor qualifications. No positive results were rejected; however, non-detected may have been rejected and flagged "UR."

Table 8-3
Site 42 Pesticide SDG Summary

SDG	Holding Times	IP	ICal	CCal	CC	Blanks	Surr.	MS/ MSD	LCS	Overall
040EMO			X				X		NA	OK
EM0010			X				X		NA	OK
EM0050	X		X				X		NA	OK
EW0010							X		NA	OK
MZ1010							X		NA	OK
MZ6020									NA	OK
MZ7230							X		NA	OK
MZ8030			X				X		NA	OK
MZ9010									NA	OK
213601				No pesticide analysis performed						
230201				No pesticide analysis performed						
231001	X		X				X			OK
Z41901			X				X		NA	OK
Z50801				X					NA	OK
253301	X	X					X		NA	OK
Z61 101	X		X	X			X		NA	OK

Notes:
CC = pesticide cleanup checks
ccal = continuing calibration
Ical = initial calibration
IP = pesticide instrument performance
LCS = laboratory control sample
MS/MSD = matrix spike/matrix spike duplicate
NA = not applicable
SDG = sample delivery group
Surr. = surrogates

An "X" in a column means that one or more QC criteria were not met; one or more samples were qualified.

An "OK" in the Overall column means the data were acceptable with minor qualifications. No positive results were rejected; however, non-detected may have been rejected and flagged "UR."

and 261101. Most of the pesticide fraction samples reported were reextracted 16 to 18 days outside the extraction holding time for SDG 261101. No explanation was provided for the reextraction. All nondetect results were rejected.

8.1.2 Matrix Spike/Matrix Spike Duplicates

In each analytical method used to analyze samples, variations in the reported results may be due to the random differences in the handling and analysis of the matrix. These variations are referred to as the ***precision*** or the ***reproducibility*** of results. To demonstrate reproducibility, known quantities of several compounds are added to two separate aliquots of each sample matrix. The spiked aliquots are referred to as the MS and the MSD. These samples are analyzed by applying the same preparation techniques and analytical methods used for all the samples of similar matrix types. The MS and MSD are used to detect matrix effects interfering with the analysis of compounds of interest. No formal requirements have been established for qualifying MS/MSD data; however, all MS/MSD samples appeared satisfactory on a qualitative basis.

8.1.3 Laboratory Control Samples

The CLP Low Organic SOW requires that an laboratory control sample (LCS) be performed for organic parameters. LCSs are used to demonstrate that the laboratory process for sample preparation and analysis is in control. The LCS is similar to the MS/MSD except ASTM Type II water spiked with known amounts of specific analytes is carried through the entire analytical procedure with the samples. All LCS criteria were met for the volatile fractions within the SDGs analyzed using the CLP Low Organic SOW during the Site 42 investigation. LCSs were not analyzed for pesticides or semivolatiles in SDGs 040EMO, EW0050, EW0010, MZ1010, MZ6020, MZ9010, 253301, or 261101.

8.1.4 Calibrations

All compound quantitation was analyzed with reference to gas chromatography/mass spectroscopy (GC/MS) tunes or calibration curves. These calibration curves were within QC requirements for the volatile and semivolatile fractions.

Volatile and semivolatile fraction initial calibrations were within established QC criteria. Pesticide fraction initial calibrations exceeded 20% relative standard deviation criterion in SDGs 040EMO, EM0010, MZ8030, 231001, Z41901, and 261101 for the analyte alpha-BHC. QC criteria for 4,4'-DDT were exceeded in SDG Z41901. Delta-BHC QC criteria were exceeded in SDGs 040EMO, EM0010, MZ8030, and 261101. All positive results were qualified as estimated, J, and all nondetect results were qualified as estimated, UJ.

Several compounds were outside the continuing calibration QC criteria in all fractions. These QC deficiencies represent common laboratory practices and occurred at a rate consistent with instruments that are calibrated correctly. All affected sample results were qualified for these calibration outliers per the Organic Functional Guidelines.

The continuing calibration for semivolatile fractions contained compounds with relative response factor less than 0.050. For the following samples and noncompliant compounds, all nondetects, were rejected.

SDG	Sample	Analyte
EM0050	042MZ52901	2,4-dinitrophenol
	042MZ53001	
	042MZ52201	
MZ7230	042MZ72301	3,3-'dichlorobenzidine
	042MZ71801	2,2-'oxybis(1-chloropropane)
		3-nitroaniline

SDG	Sample	Analyte
MZ8030	042MZ73501 042MZ73701	3,3-'dichlorobenzidine
Z31001	040MZ50101 040MZ50501 040MZ52501 040MZ52701	4-chloroaniline

Several relative percent differences were above the QC limits for pesticide fraction analysis in the Site 42 investigation.

8.1.5 Blanks

Several compounds were detected in the blanks associated with the investigation of Site 42. Most compounds were considered common laboratory artifacts: acetone, methylene chloride, and phthalate esters. Qualification of compounds detected in blanks transpired as recommended by the Organic Functional Guidelines. Action levels were based on the highest concentration of any laboratory artifact found in associated method blank(s) or QC sample(s). No positive sample result for a common laboratory artifact was reported unless that particular artifact's concentration exceeded the action level of 10 times the amount found in any blank(s) or five times the blank amount for noncommon laboratory artifacts. All results believed to be attributed to blank contamination were flagged as undetected "U."

8.1.6 Surrogates

Accuracy is the degree to which a given result agrees with the true value. To check the accuracy in a volatile, semivolatile, and pesticide analysis, the CLP Organic SOW requires the adding known amounts of surrogate compounds. If the surrogate percent recoveries are close to the known concentrations as defined within the limits set by the CLP, the reported target compound concentrations are assumed to be accurate.

In the volatile fraction for SDGs EM0050 and MZ6020, all surrogate recoveries for the samples were not within QC criteria. Sample 040MZ20501RE exhibited high surrogate recovery for 1,2-dichloroethane-d4. All positive results were qualified as estimated. All semivolatile fraction surrogate recoveries were within QC criteria for Site 42. Many pesticide fraction results required estimation due to surrogate recoveries outside QC criteria.

8.1.7 Internal Standards

Internal standards (IS) added to volatile and semivolatile samples are used to calculate the concentrations of target compounds. Two IS QC criteria must be met when a sample is analyzed. IS retention time must not vary more than 30 seconds and the area counts must not vary more than a factor of two (-50% to +100%) from the associated calibration standard.

The following volatile fraction IS exhibited low areas, which resulted in all positive results estimated, J, and all nondetects as estimated, UJ:

SDG	Sample	Analyte
EM0010	040MZ2001RE	bromochloromethane chlorobenzene-d5
	040MZ81501	chlorobenzene-d5
	040MZ82201RE 040MZ82201	bromochloromethane 1,4-difluorobenzene chlorobenzene-d5

The following volatile fraction IS exhibited low areas, which resulted in all positive results estimated, J, and all nondetects as estimated, UJ:

SDG	Sample	Analyte
Z61101	040EM00301	chrysene-d12
	040FM00301	chrysene-d12
		perylene-d12

8.1.8 Field Duplicates

Representativeness expresses the degree to which sample data accurately and precisely represent the characteristic of a population, parameter variations at a sampling point, or an environmental condition. The duplicate samples assist in indicating overall field and laboratory precision. A greater variance should be expected for the soil and sediment sample duplicates compared to water sample duplicates due to the differences in matrix.

8.1.9 Compound Quantitation

The following samples had to be reextracted.

SDG	Sample	Explanation
040EMO	042MZ62201RE	
EM0010	042MZ82701RE	
	042MZ81501RE	Noncompliant surrogate recoveries in initial sample
	042MZ82001RE	Noncompliant surrogate recoveries in initial sample
	042MZ82201RE	Noncompliant surrogate recoveries in initial sample
EM0050	042MZ53001RE	
MZ7230	042MZ72601RE	Rejected due to noncompliant IS areas
	042MZ73001RE	Rejected due to noncompliant IS areas
MZ8030	042MZ80201RE	
Z50801	042MZ50901RE	
253301	042MZ53401RE	
Z61101	040EM00301RE	
	040FM00301RE	

Required sample dilutions are explained below.

SDG	Sample	Explanation
EM0010	042MZ82701	The dilution analysis is rejected, unnecessary dilutions.
	042MZ82301	The dilution analysis is rejected, unnecessary dilutions.

Two columns and two separate detectors are used in pesticides analysis. Target analytes and surrogates are quantitated and reported on both columns; however, only the lower of the two concentrations is reported. The lower concentration is used because, if present, coeluting interferences are likely to increase the calculated concentration of any target compound. For detected analytes, the percent difference between the two columns is calculated. If the percent difference between the calculated concentrations is greater than 25%, the laboratory flags the value with a "P" qualifier, alerting the data user of the potential problems in quantitating the analyte.

During the validation process, the laboratory's "P" flags are dropped. The values are flagged "J" when the percent difference between the calculated concentrations is greater than 25%. The validation flag alerts the data user that the pesticide value is an estimated concentration.

Site 42 QC criteria were met for all pesticide fraction analysis using cleanup procedures, granulated pure charcoal, and Florisil.

8.2 Inorganic Analysis

Summary Table 8-4 lists the sample delivery group (SDG) and the problems associated with the data. Professional judgement is used to judge overall acceptability of the data. The following paragraphs detail the holding times, calibrations, blanks, interference check sample analysis, serial

Table 8-4
Site 42 Inorganic SDG *Summary*

SDG	Holding Times	Cal.	Blanks	Serial Dil.	ICP Check	LCS	MS	Lab Dup	AA	Overall
040EMO			X				X			OK
EM0010			X	X			X		X	OK
EM0050			X				X	X	X	OK
EW0010			X				X		X	OK
MZ1010			X				X		X	OK
MZ6020			X				X		X	OK
MZ7230			X				X			OK
MZ8030			X						X	OK
MZ9010			X							OK
213601			X	X	X	X	X	NA	NA	OK
230201			X	X	X	X	X	NA	NA	OK
Z31001			X				X		X	OK
Z41901			X				X			OK
Z50801			X				X		X	OK
Z53301			X				X		X	OK
Z61101										OK

Notes:

AA	=	Atomic Absorption Spike Recoveries
Cal.	=	Calibrations
ICP. Check	=	ICP interference check
LCS	=	Laboratory Control Sample
Lab Dup.	=	Laboratory Duplicate
MS	=	Matrix Spike
SDG	=	Sample delivery group
Serial Dil.	=	Serial Dilutions

An "X" in a column means that one or more QC criteria were not met.

An "OK" in the Overall column means the data were acceptable with minor qualifications. No positive results were rejected; however, non-detected may have been rejected and flagged "UR."

dilutions, laboratory control samples, laboratory duplicates/spikes, field duplicates, and atomic absorbtion spike recoveries.

8.2.1 Holding Times

All samples were received by the laboratory in good condition with the proper custody documents and seals intact. From the date of collection to the date of sample analysis, holding times were within method and contractual requirements.

8.2.2 Calibrations

Initial and continuing calibration is conducted to ensure that the instrument is capable of acceptable and quantitative performance at the beginning and throughout each analytical run. Initial and continuing calibrations were performed for the analysis of inorganics within the criteria established by the USEPA CLP Inorganic SOW.

8.2.3 Blanks

Blank results are used to determine the presence and magnitude of any contamination problems. According to Inorganic Functional Guidelines, a sample result should not be considered positive unless the concentration of the compound in the sample exceeds five times the amount in any associated blank. Contamination was identified in the blanks of all SDGs. Action levels were set for each affected element based on the highest concentration in any associated blank. Elements attributed to blank contamination were flagged undetected "U". No positive sample result was reported for an element detected in any blank unless that particular artifact's concentration exceeded the action level of five times the amount found in any blank, per the CLP Inorganic SOW.

8.2.4 Interference Check Sample Analysis

The inductive coupled plasma (ICP) interference check sample analysis is performed to check the laboratory's instrument and the background correction factors. All percent recovery criteria for the Site 42 investigation were met. SDGs 213601 and 230201 were used only to validate a specific method the differences between CLP and hydrofluoric digestion methods. Hydrofluoric digestion was not used to quantify specific analyte concentrations.

8.2.5 Serial Dilutions

ICP serial dilutions assess matrix interference. One sample from each set of similar matrix type is diluted by a factor of five. For an analyte concentration that is at least 50 times above the instrument detection limit, the measured concentrations of the undiluted sample and of the diluted sample should agree within 10%. All positive sample results which did not pass the serial dilution QC criteria were qualified as estimated, "J." The serial dilution results are discussed below.

SDG	Sample	Analyte
EM0010	All	Calcium
		Iron
		Vanadium
		Zinc
Z61101	All	Antimony

8.2.6 Laboratory Control Samples

LCSs are used to monitor the overall performance or accuracy of all steps in the analysis, including the sample preparation. All LCS criteria were met for all SDGs except for SDGs 213601 and 230201. These two SDGs were used only to validate CLP digestion versus a hydrofluoric digestion method. This method was not used to quantify specific analyte concentrations.

8.2.7 Laboratory Duplicates/Spikes

Laboratory duplicate samples are used to determine the precision of analytical methods for each parameter. Laboratory spiked samples are designed to provide information about the effects of the sample matrix on the digestion and measurement methodology. Many MS recoveries were outside QC criteria. Nondetect results were rejected, and positive results were qualified as estimated, "J." Results are summarized below.

SDG	Analyte
040EM	Antimony
EM0010	Antimony
	Silver
	Selenium
EM0050	Antimony
EW0010	Antimony
MZ1010	Antimony
MZ6020	Antimony
	Selenium
	Silver
MZ7230	Antimony
213601	Antimony
	Arsenic
	Copper
	Lead
	Silver
	Thallium
230201	Arsenic
	Beryllium
	Cadmium
	Cobalt
	Manganese
	Nickel
	Silver
	Thallium
	Zinc

SDG	Analyte
231001	Antimony
241901	Antimony
	Silver
	Lead
Z50801	Antimony
	Selenium
253301	Antimony
	Silver

8.2.8 Field Duplicates

Representativeness expresses the degree to which sample data accurately and precisely represent the population characteristics, sampling point variations, or environmental conditions. The duplicate samples assist in indicating overall field and laboratory precision. Greater variance should be expected for the sediment samples as compared to soil or water sample duplicates due to matrix differences.

8.2.9 Atomic Absorption Spike Recoveries

Graphite furnace atomic absorption analytical spike recoveries did not meet the control limits of 85% to 115% (but did not require Method of Standard Addition analysis) for the following analytes: antimony in SDGs EM0010, EM0050, EW0010, MZ1010, MZ6020, MZ8030, Z31001, 250801, and 253301; selenium in SDG MZ6020; and silver in SDGs MZ6020 and 253301.

8.3 Site 42 Data Summary

8.3.1 Completeness

Completeness is defined as the percentage of measurements made which are judged to be valid. All samples analyzed for the investigation of Site 42 were determined to be valid with some qualification, except for the results flagged "UR." Of 21,835 parameters analyzed, 578 were flagged "UR" representing a completeness of 97.3% meeting the 95% completeness goal.

8.3.2 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared to another. Comparability is assured by using established field methods, experienced field personnel, and consistent laboratory analysis as specified by USEPA protocols. All samples for Site 42 were collected using the USEPA Region IV Standard Operating Procedures and analyzed according to CLP SOW protocols.

8.4 Conclusion

Several common laboratory problems required qualification during the validation of the Site 42 investigation data. Low concentrations of specific analytes were detected in volatile fraction organic and inorganic blank samples. Action levels were established for the associated samples based upon the concentration of the detected analyte in the blank. Surrogate recoveries outside QC criteria have caused volatile fraction organic analytes detects in SDGs EM0050 and MZ6020 to be qualified as estimated. Despite minor analytical problems, overall, the data were easily qualified and are considered complete and satisfactory for the investigation of Site 42. The data validation summary reports from E/A&H and by Heartland Environmental Services Inc. for Site 42 will be provided upon request, otherwise the reports become a part of the NAS Pensacola Site 42 report reference file.

Validation Qualifiers

U **Undetected** – The analyte was analyzed for but not detected or was also found in an associated blank, but at a concentration less than 10 times the blank concentration for common constituents or five times the blank concentration for other constituents; the associated value shown is the quantitative limit.

J **Estimated Value** – One or more QC parameters were outside control limits.

UJ **Undetected and Estimated –** The analyte was analyzed for but not detected above the listed estimated quantitation limit; the quantitation limit is estimated because one or more QC parameters were outside control limits.

D **Diluted Result –** The compound was reanalyzed at a secondary dilution factor. If one or more compounds are outside the calibration range during an initial analysis, the laboratory flags the analyte **"E."** When diluted, the sample results will be flagged **"D."** Generally, values from the initial analysis will be used except where the value exceeded the calibration range. Values exceeding the calibration range in the initial analysis will be substituted by the diluted value to ensure the most representative data. The **"D"** flag will remain on the value to alert the data user that a secondary dilution value was used.

R/UR **Unusable Data –** One or more QC parameters grossly exceeded control limits.

9.0 FATE AND TRANSPORT

Fate and transport assessment evaluates the ability of chemical constituents to become mobile or change in the environment, based on their chemical and physical properties and on processes that govern the interaction of constituents with environmental media. A discussion of fate and transport of contaminants helps to identify potential receptors that may be impacted by constituent movement in the environment.

9.1 Contamination Summary

Site 42 Phase II was limited to sediment analysis. Section 7 evaluates the nature and extent of sediment contamination and compares the results to sediment quality guidelines. In summary, seven metals, three pesticides, a PCB, and 11 SVOCs exceeded sediment screening value. No screening criteria were available to evaluate the risk for the VOCs detected. The analytical results represent the total analyte in the sediment and associated interstitial fluids.

9.2 Contaminant Migration

9.2.1 Properties Affecting Fate and Transport

Numerous chemical and physical properties of both the chemical constituents and the surrounding media are used to evaluate fate and transport mechanisms. In a marine environment, sediment transport and aqueous solubility of an analyte are the primary mechanisms. As seen in Table 9-1, chemical and physical properties of constituents used to evaluate fate and transport include vapor pressure, density, solubility, Henry's law constant, half-life, organic carbon/water partitioning coefficient, and molecular weight. Compounds with similar chemical and physical properties display similar fate and transport behavior. These characteristics facilitate the general grouping of contaminants, based on chemical and physical properties, into these categories: VOCs, SVOCs, pesticides/PCBs, and inorganics.

Table 9-1
Constituent Characteristics Based on Chemical and Physical Properties

Property	Critical Value	High (>)	Low (<)
Vapor Pressure	10^{-3} mm Hg	volatile	nonvolatile
Density[a]	1.0 g/cm^3	sinks/falls	floats/rises
Solubility[a]	0 to 100 mg/L	leaches from sediment; mobile in water; does not readily volatilize from water	sorbs to sediment; immobile in water; volatilizes from water
Henry's Law constant	5×10^{-6} to 5×10^{-3} atm-m^3/mole	resistance to mass transfer in the aqueous phase	resistance to mass transfer in the gas phase
Half-life ($T_{1/2}$)	biologically dependent	does not degrade readily	degrades readily
Organic Carbon/Water Partitioning Coefficient[a] (K_{oc})	10 to 10,000 kg_{oc}/L_{water}	tends to sorb to organic material in sediment; immobile in the sediment matrix	tends not to sorb to organic material in sediment; mobile in the sediment matrix
Molecular Weight	400 g/mole	characteristics listed above may not hold true; more detailed evaluation necessary	all of the above generally hold true

Notes:

[a] = Determinations of the Critical Values were based on literature review and professional judgment.
mmHg = millimeters of mercury
g/cm^3 = grams per cubic centimeter
atm-m^3/mole = atmospheres per cubic meter per mole
g/mole = grams per mole

VOCS

The chemical and physical properties with the greatest influence on the fate and transport of VOCs are solubility, Henry's law constant, and vapor pressure. The mechanisms for transportation of VOCs include the following.

- **VOCs** can sorb to sediment from groundwater or surface water input.
- **VOCs** tend to be highly mobile in both sediment and seawater.
- **VOCs** tend to dissipate relatively quickly via diffusion.

At the concentrations observed, these VOCs are in solution or absorbed to some media. In a dynamic marine environment, the **VOCs** in solution will be diluted into seawater. **VOCs** have low molecular weights, high solubilities, and high vapor pressures. Because of these properties, **VOCs** are expected to be highly mobile in the environment and, therefore, quick to migrate from sediment and groundwater. The concentrations detected were within an order of magnitude of the analytical detection limit.

SVOCS

The chemical and physical properties with the greatest influence on the fate and transport of **SVOCs** are solubility, vapor pressure, and organic carbon/water partitioning coefficient. Typical fate and transport characteristics are as follows.

- **SVOCs** tend to sorb to sediment particles.
- **SVOCs** tend to be immobile in the environment.
- **SVOC** movement tends to occur more often by colloidal suspension than by diffusion (i.e., greater mobility occurs when coupled with "carrier" compounds known as a "co-solvent effect").

SVOCs have high molecular weights, low to moderate vapor pressures, moderate to high densities, and generally high organic carbon/water partitioning coefficients. **SVOCs** are often categorized by their protonic acid characteristics, specifically base, neutral, or acid. Acid and base SVOCs readily hydrolyze in water for example phenols and substituted phenols. Neutral SVOCs are hydrophobic (i.e.,immiscible in water) and inert to most chemical reactions in water. The SVOCs

observed were neutral SVOCs, specifically PAHs, suggesting absorption to sediment. This makes the chemical available only for erosional transport. Seawater is a stable solvent that will readily dissolve acid and base SVOCs.

Pesticides/PCBs

The chemical and physical properties with the greatest influence on the fate and transport of pesticides/PCBs are solubility, Henry's law constant, and organic carbon/water partitioning coefficient. Typical fate and transport characteristics include the following:

- Pesticides/PCBs tend to sorb to sediment particles.
- Pesticides/PCBs tend to be hydrophobic (avoid water).
- Pesticides/PCBs tend to be immobile in the environment.
- Pesticides/PCBs tend to degrade relatively slowly.

Pesticides/PCBs have moderate to high molecular weights, generally high densities and organic carbon/water partitioning coefficients, and generally low solubilities, vapor pressures, and Henry's law constants. Most pesticides/PCBs are immobile and persistent in the environment, not readily diffusing into groundwater or seawater. These characteristics suggest the three pesticides and one PCB exceeding sediment quality criteria are bound to sediment.

Inorganics

Solubility has the greatest influence on the fate and transport of inorganics. Inorganics for this discussion is limited strictly to metals. Typical fate and transport characteristics are as follows.

- Metals tend to sorb to sediment particles.
- Metals are not degradable but may be assimilated by biota.

- Metals tend to have moderate to low mobility; however, in environments where pH is less than 5 (i.e., acidic conditions), metals can become mobile.

Seawater has a tremendous buffering capacity to maintain pH in a range of 7.0 to 8.5. The buffering capacity and salting effect of seawater suggests metals will be precipitates or colloidal suspensions associated with sediment. Organo-metals, such as methyl arsonic acid, provide a mechanism for the solution of metals. Overall, metals are anticipated to be immobile and to remain sorbed to sediment particles, not readily diffusing into seawater.

9.2.1.2 Media Properties Affecting Fate and Transport

The properties of environmental media used to evaluate fate and transport are TOC, normalized partition coefficient, cation exchange capacity (CEC), oxidation/reduction (redox) conditions, pH, sediment type, and retardation rate. The following paragraphs briefly discuss these properties.

Total Organic Carbon

TOC indicates the sediment's sorptive capabilities. The higher the TOC, the higher the potential for a chemical, particularly an organic compound, to sorb to sediment particles.

Normalized Partition Coefficient

Normalized partition coefficient (K_d) is used to predict the capacity for a constituent to partition between sediment and water; it is a function of both the constituent and the sediment. To estimate K_d, the constituent's organic carbon/water partitioning coefficient (K_{oc}) is adjusted by the sediment's TOC: $K_d = K_{oc} * f_{oc}$, where f_{oc} = organic carbon content fraction of the sediment. Sediments with higher K_d s have a higher potential to sorb organic compounds. TOC was low, generally less than 0.24%. Partitioning coefficients would be significantly lower as a result.

Cation Exchange Capacity

CEC reflects the sediment's capacity to adsorb ions, neutralizing ionic deficiencies on the surfaces of its particles. Generally, trivalent ions are preferentially adsorbed to sediment over divalent ions, and divalent ions are preferentially adsorbed over monovalent ions. Although this relationship generally holds true, the process also depends on sediment pH. Sediment with high CEC values have the potential to adsorb inorganic ions, although organic compounds with dipole moments also are affected by CEC. However in a marine environment, the excess of alkali metals in seawater outcompetes other metals for these cationic binding sites. As a result cations either stay in solution or bind with a stable anion and precipitate out of solution.

Oxidation/Reduction Conditions

Redox is the process that includes oxidation (the loss of electrons) and reduction (the gain of electrons). The resultant change in valence generates products that are different from the parent reactants in their solubilities, toxicities, reactivities, and mobilities. Extreme redox conditions tend to mobilize chemicals, especially transition metals. However in a marine environment, the excess of alkali metals in seawater reduces the effect of redox conditions. Cations either stay in solution or bind with a stable anion and precipitate out of solution.

pH

The pH value is a measure of the negative inverse logarithm of the hydrogen ion concentration in water, indicating the acidity or alkalinity of the medium. Chemicals react differently as pH change. Low pH conditions tend to mobilize most metals and facilitate substitution in organic compounds. High pH conditions may cause metals to precipitate and organic molecules to degrade.

Sediment Type

The mineral composition, particle size distribution, and organic content of sediment affect chemical fate and transport. Sediment characteristics influence or determine hydraulic conductivity, effective porosity, and hydraulic gradient which, in turn, dictate groundwater flow. In this marine environment, smaller particle sizes, although easier to transport, are observed in areas of deposition, whereas larger particle sizes are being transported.

9.2.2 Migration Pathways

The presence of the same chemical contaminant in both source and receptor media is considered direct evidence of past contaminant transport. Likewise, the presence of contaminants in sediment at concentrations exceeding screening levels for transfers to other media indicates the potential for present contaminant transport and future impact on receptors. This section of the report discusses possible pathways for contaminant transport at the site.

- **Leaching of constituents from sediment to seawater:** This pathway is limited by the buffering capacity and presence of alkali metals in seawater. Leaching will only occur when the solubility of a contaminant has changed. The buffering capacity will prevent such pH or redox changes from occurring.

- **Transport of constituents in groundwater to sediment/seawater**: The mechanism for this is the discharge of freshwater to seawater. This action will encourage the precipitation of metals via the salting effect. The salting effect is due to the presence of alkali metals outcompeting other metals for binding sites within the solution. The salting effect would encourage precipiatation of metals and acid/base SVOCs.

- **Transport of constituents in seawater:** Seawater as a solute is a viable transport media. However, the rate of diffusion into the expanse of the sea would preclude detection by analytical methods.

- **Transport of constituents in sediment:** This transport method is the most measurable. The sediment can be mapped and analyzed for contamiants. Because of seawater chemistry, the dissolution or leaching of the contaminants is not encouraged.

9.3 Current and Potential Receptors

Transport of contaminants at Site 42 is in sediment and surface water of Pensacola Bay. The proximity of NAS Pensacola to the bay suggests that some impact to the bay is occurring. Human receptors are only possible via consumption of Site 42 ecological receptors (seafood) primarily because seawater is not a source of bathing or potable water. The ecological receptors affected by sediment contamination observed will be benthic or demersal biota. Based on an edible crab tissue study from Site 2 RI (E/A&H, 1996), the tissue study did not detect any contaminants at a concentration causing a risk to humans for consumption.

9.4 Conclusions

Metals, VOCs, SVOCs, and pesticide/PCBs were found in sediments collected at Site 42. The marine environment encourages the assimilation of these contaminants into sediment. The sediment is transported by currents often deposited for long periods of time. The chemistry of seawater does not encourage the solution of these contaminants and seawater dilution prevents measuring their contribution to the sea. The nature and extent of these contaminants suggest they are being transported demonstrated by the reduced contaminants in areas of strong surf or beach erosion (i.e. areas of nondeposition). The contaminant found in sediment will be encourged by seawater chemistry to stay in sediment.

10.0 BASELINE RISK ASSESSMENT

10.1 Introduction

This BRA evaluates the potential health hazard and/or cancer risk to humans and the environment from hazardous substances at Site 42. The assessment considers environmental media and exposure pathways that could result in unacceptable levels of exposure now or in the foreseeable future. This BRA addresses both ecological risk (Section 10.2) and human health exposure (Section 10.3). The risk assessment is used as a basis for making remedial decisions and depends upon an adequate site characterization of chemical contamination. The RI conducted by E/A&H, presented in previous chapters, provides the site characterization data for this assessment.

Since Site 42 is a marine environment, the ecological risk assessment will compare observed sediment concentrations to sediment screening values that are considered to be critical exposure levels for marine fauna. The approach used to assess human health is a preliminary screening evaluating exposure potential based on Site 42 physical characteristics.

BRA Objectives

- Characterize the source media and determine the chemicals of potential concern (COPCs) for Site 42 at NAS Pensacola.

- Identify potential receptors and quantify potential exposures under current and future conditions.

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

The following BRA was prepared in accordance with the following references.

- **USEPA** (1992), *EPA Framework for Ecological Risk Assessment* (EPA/630/R-92001).

- USEPA/ERT **(September 1994, Revised Draft),** *Ecological/Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments.*

- **USEPA (December 1991, Interim),** *Risk Assessment Guidance for Superfund, Volume I — Human Health Evaluation Manual,* **Parts A & B, USEPNOERR,** EPA/540/1-89/002. **(December 1989) and** EPA/540/R92/003.

- **USEPA (March 25,** 1991), *Risk Assessment Guidance for Superfund, Volume I — Human Health Evaluation Manual. Supplemental Guidance-Standard Default Exposure Factors-Interim Final.* **USEPNOERR. OSWER Directive: 9285.6-03.**

- **USEPA (March** 1989), *Risk Assessment Guidance for Superfund, Volume 11 — Environmental Evaluation Manual, Interim Final.* **USEPNOERR,** EPA/540/1-89/001.

- **USEPA (December 1991, Interim),** *Risk Assessment Guidance for Superfund, Volume I — Human Health Evaluation Manual, (Part B, Development of Risk-Based Preliminary Remediation Goals),* USEPA/OERR, USEPA/540/R92/003.

- **USEPA** (1994), *Supplement Guidance to RAGS: Region IV Bulletin, Development of Health-based Preliminary Remediation Goals, Remedial Goal Options and Remediation Levels* **(Supplemental RGO Guidance).**

- USEPA Region III (June 3, 1996), ***Selection of Contaminants of Concern by Risk-Based Screening*** table, (Roy L. Smith). (RBC Screening Table).

10.2 Ecological Risk Assessment

Ecological risk assessment (ERA) is a key component of the BRA developing a qualitative and/or quantitative ecological appraisal of the actual or potential effects of Site 42. The assessment considers environmental media and exposure pathways potentially resulting in unacceptable concentrations of exposure to flora and fauna now or in the foreseeable future.

10.2.1 Problem Formulation

This section uses basic information about the site setting, COPCs, potential receptor species, and assessment endpoints to assess the environmental threat present. This assessment uses a qualitative weight-of-evidence approach to judge the validity of a pathway to a receptor. In order to describe qualitative risk, the terms "low", "medium" and "high" are used. These terms are not quantitative but are useful in comparing one area or sample location to another.

Site Setting

Site **42** is the bay area which lies along the eastern and southern shorelines of NAS Pensacola (see Figure 2-1). Section 2 in this report provides specific information on the history of the site. General ecology of the area is described in Section 3.

Chemicals of Potential Concern

Section **7** of this report provides the nature and extent of contaminants found across the Site **42.** Of the analytes detected seven metals, three pesticides, one PCB and 11 SVOCs exceeded a SSV. No SSVs exists for VOCs. Except for **PAH** compounds, all detections were of the same order of magnitude as the SSVs. Mapping the exceedances did identify areas of higher contaminant

deposition compared to other areas sampled. Those areas include the barge loading dock, concrete seawall and quay, and the IWTP.

Potential Receptors

Section **3** details the potential ecological receptors near Site **42.** Species having the highest potential for contamination effects would include sessile benthic macroinvertebrates, such as oysters and barnacles, and mobile species closely associated with the sediments such as crab, shrimp, and flounder.

Assessment Endpoints

The potential for negative effects to benthic communities from site-related contamination was the primary assessment endpoint selected for the screening-level assessment for the site. The work plan outlined a phased approach to assess ecological risks from site contamination. The phased approach included a preliminary screening assessment in which concentrations are compared to benchmark effects levels. If the screening assessment exhibited that a high potential for effects, then the subsequent phases will be conducted.

10.2.2 Preliminary Risk Characterization

To characterize risk to receptors, contaminant concentrations have been compared to sediment quality guidelines. For assessment, the benchmark effects levels used to assess the potential effects to benthic species are the USEPA Region **IV SSVs** and the **FDEP** Sediment Quality Assessment Guidelines (SQAGs).

SSVs are based on contaminant concentration associated with a low probability of unacceptable risks to ecological receptors (USEPA, 1995). The Office of Health Assessment has developed these for use at Region **IV** hazardous waste sites. Since these numbers are based on conservative endpoints and sensitive ecological effects data, they represent a preliminary screening of site

contaminant levels to determine whether further investigations is needed. Ecological screening values are not remediation levels. SSVs are derived from statistical interpretation of effects databases obtained from the literature as reported in publications from the State of Florida, the National Oceanic and Atmospheric Administration, and a joint publication by Long et. al. (1995). These values are based on observations of direct toxicity when available.

The preliminary SQAGs developed by McDonald (1994), are guidelines for evaluating sediment contamination in coastal ecosystems. Defining the range of sediment contamination is a two-step process. First, a comparison is made to the threshold effects level (TEL). The TEL represents the upper limit of the range of sediment contaminant concentrations dominated by no effects data entries (i.e., a minimal effects range). Within this range, sediment concentrations are not considered to represent a hazard to aquatic organisms. Next, a comparison is made to the probable effects level (PEL) defining the lower range of contaminant concentrations that are usually associated with adverse biological effects. These guidelines do not address the potential for bioaccumulation of persistent toxic chemicals and potential adverse effects on higher trophic levels of the food web.

Contaminant Results and Effect Characteristics

The following paragraphs discuss the contaminants found in sediment. Each contaminant is discussed by major contaminant type: metals, pesticide/PCBs, VOCs, and SVOCs. Of the metals, only one detection of silver exceeded the PEL. Of the organic constituents detected; one sample with DDT, two samples with lindane, and one sample with PAHs exceeded the PEL for Site 42.

Arsenic

According to Braman and Foreback (1973), the common forms of arsenic are arsenite, arsenate, methylarsonic acid **(MAA),** and dimethyl arsonic acid **(DMAA).** These forms can be coprecipitated with hydrated iron and aluminum oxides, or adsorbed/chelated by suspended

organic matter. Arsenic in the seawater is commonly detected at 2 ppb. Arsenic has a strong affinity for sulphur, readily adsorbing on and coprecipitating with other metal sulfides (Demayo, 1979).

Arsenic bioaccumulates in numerous aquatic biota, however arsenic has not been observed to biomagnified through other organisms. (Jaagumagi, 1990a). Arsenic is known for a variety of sublethal characteristic including effects on the growth, reproduction, locomotion, behavior, and respiration (Eisler, 1988). Arsenates *can* replace phosphates in glucophosphate reactions in sugar production, essentially poisoning photosythetic food production in plants.

Arsenic was frequently detected across Site 42 (98 in 141 samples), but only ten locations exceeded the SSV and SQAG-TEL of 7.24 mg/kg (Table 10-1). No concentrations exceeded the SQAG-PEL. According to Leatherland and Burton (1974), arsenic in coastal areas ranges from 3 to 15 ppm depending on the parent rock. The detected range for arsenic was 0.12 to 22.3 ppm and the frequency detected of 98 in 141 samples.

Cadmium, Chromium, and ***Copper***

Cadmium, chromium, and copper are transition metals of similar valence and solubility products. Their use as biocides indicates the effectiveness in entering and disrupting biological systems. In trace amounts the metals are micronutrients, however the absorption and metabolism of these metals depend entirely on their solubility. In a marine environment, salinity and hardness provide a solvent chemistry encouraging the precipitation of these metals. Surface seawater analysis at Site 2 did not detect these metals. These characteristics suggest cadmium, chromium, and copper are bound in sediment as precipitates and are not bioavailable. To make these metals bioavailable,

Table 10-1
Site 42 Contaminant Concentrations Exceeding Benchmark Levels

Contaminant	Sample ID	Concentration	SSV	SQAG TEL.	SQAG PEL	HQ
		Inorganics (mg/kg)				
Arsenic (As)	042MZ543	16.3	7.24	7.24	41.6	2.3
	042MZ601	19.6				2.7
	042MZ603	8.8				1.2
	042MZ603	17.3				2.4
	042MZ616	12.0				1.7
	042MZ805	10.8				1.5
	042MZ807	10.8				1.5
	042MZ823	17.3				2.4
	042MZ826	22.0				3.0
	042MZ827	22.3				3.1
Cadmium	042MZ827	0.9	1.0	0.676	4.21	1.3
	042MZ901	0.92				1.4
Chromium	042MZ901	84.0	52.3	52.3	160	1.6
Copper	042MZ603	30.4	18.7	18.7	108	1.6
	042MZ901	18.9				1.0
Lead	042MZ603	43.9	30.2	30.2	112	1.4
Mercury	042MZ543	0.17	0.13	0.13	0.6%	1.3
	042MZ601	0.64				4.9
	042MZ611	0.14				1.1
	042MZ816	0.14				1.1
	042MZ903	0.13				1.0
	042MZ906	0.17				1.3
Silver	042MZ505	3.6	2.0	0.733	1.77	4.9
	042MZ521	14.8				20.2

their respective solubility products would need to be changed by altering the solution salinity and hardness. None of these metals exceeded the PEL. (See Table 10-1).

Mercury

Mercury is a trace element that occurs most commonly in the sulfide mineral cinnebar. In aquatic systems, mercury is generally sorbed to particulate matter. In natural systems, mercury can exist in three oxidation states, including elemental Hg, Hg(I), and Hg(II). Both Hg(I) and Hg(II) can be methylated by microorganisms under anaerobic and aerobic conditions. In sediments, mercury

tends to associate with organic matter. Under aerobic conditions, mercury may combine with sulphur to form insoluble sulfides (Jaagumagi, 1990b). Mercury is highly toxic to aquatic biota, with methylmercury being the most toxic form of the substance. Aquatic plants, invertebrates, and fish exhibit similar sensitivities to mercury, however, a great deal of variability exists within each of these groups. Mercury is able to accumulate to high levels in aquatic organisms, with bioconcentration factors as high as 85,000 observed in some fish species (CCREM, 1987). The range of detected mercury was from 0.08 to 0.64 ppm. Only 7 locations exhibited mercury above the SQAG. This small population suggests a low risk to ecological receptors. No concentrations exceeded the FDEP SQAG PEL (see Table 10-1).

Silver

Silver is a trace metal often used in plating and photography. Wastewater treatment plants are often sources to aquatic systems because of the input from these processes (CCREM, 1987). Silver was only detected at two locations. Both samples exceeded the TEL and PEL. No other detections of silver were found. Their location suggests a relationship to the IWTP, which has had a history of silver discharge via the NPDES discharge. The limited extent alone suggests a low risk to ecological resources (See Table 10-1).

Pesticides

Dieldrin

Dieldrin, an organochlorine pesticide, has been one of the most widely used domestic pesticides in the United States (CCREM, 1987), primarily to control soil, fruit, and vegetable pests. It appears to adsorb strongly to sediments, bioconcentrate in fish, and degrades slowly in the presence of sunlight. Dieldrin can bioconcentrate from 100 to 10,000 times in aquatic species. Dieldrin exceeded its SQAG-TEL of 0.715 μg/kg at only one location (see Table 10-2).

Table 10-2
Site 42 Contaminant Concentrations Exceeding Benchmark Levels

Contaminant	Sample ID	Concentration	SSV	SQAG TEL	SQAG PEL	HQ
			Pesticides (μg/kg)			
4,4'-DDT	042MZ515	6.0	3.3	1.19	4.77	5.0
	042MZ519	1.6				1.3
	042MZ803	1.2				1.0
Aroclor-1254	042MZ515	26.0	33[1]	21.6'	189'	1.2
	042MZ519	23.0				1.1
Dieldrin	042MZ519	0.78	3.3	0.715	4.3	1.1
gamma-BHC (Lindane)	042MZ605	1.3	3.3	0.32	0.99	3.8
	042MZ614	0.4				1.3
	042MZ616	0.85				2.7
	042MZ618	0.85				2.7
	042MZ619	0.48				1.5
	042MZ620	1.2				3.8
	042MZ622	0.52				1.6
	042MZ702	0.46				1.4
	042MZ727	0.41				1.3
	042MZ730	0.4				1.2
	042MZ732	0.47				1.5
	042MZ901	0.32				1.0

4,4'- DDT

DDT is a broad spectrum organochlorine insecticide that has been used worldwide since the early 1940s (Jaagumagi, 1990b). It is highly toxic and persistent in the environment and has been detected in Florida coastal sediments (Delfino, et al., 1991). DDT adsorbs to sediments and biotransfer to upper level vertebrate species through the food web can be a significant exposure route. In vertebrate species, DDT exposure can result in reproductive impairment. For Site **42,** three locations exceeded the SQAG-TEL of 1.19 μg/kg. (see Table 10-2).

Gamma-BHC (Lindane)

Lindane is one of the **45** components of technical grade chlordane. Lindane has an affinity for organic sediments and bioaccumulates in aquatic species (Eisler, 1990). Toxicological effects can

include reduction in survival, immobilization, impaired reproduction and histopathology. Lindane was detected above screening levels at 12 of the 141 locations in Site 42 (see Table 10-2).

Polychlorinated biphenyls

PCBs is the generic term for substituted chlorine atoms in a biphenyl ring. Mixtures are named by their respective chlorine by weight. **PCBs** have been used extensively as dielectric fluids in electrical equipment because of their resistance to degrade. **PCBs** are heavier than water and are hydrophobic. These characteristic encourage settling with fine-grained particles and organic matter in sediments. Exposure to **PCBs** result in a variety of aquatic effects, including acute and chronic lethality, reproductive toxicity, developmental abnormalities, and growth retardation (Moore and Walker, 1991).

Aroclor-1254

Aroclor-1254 was detected at sixteen locations across the site. Of these, only two exceeded the TEL of which none exceeded the PEL (see Table 10-2). The limited distribution suggests limited risk to ecological receptors.

Organics

Polycyclic Aromatic ***Hydrocarbons***

The predominance of SVOCs detected were **PAHs,** a general term applied to a group of compounds with two or more benzene rings. They occur in the environment as a result of the incomplete combustion of hydrocarbons, major constituents of petroleum and its derivatives, and with oil spills and refinery effluents being major sources of **PAH** contamination. In addition, storm water runoff from urban areas are known to contain PAHs. The **PAH** content in storm water suggests the hydrocarbon fuels and asphalts associated with roadways as the source. During the sampling of Site 42, field crews observed "tar balls" in dredge samples from the **ICW.**

PAHs are within a group of chemicals known as **SVOCs**. They are by nature semi-volatile, some of which ionize in water as an acid or base. Most PAHs tend to associate with suspended and deposited particulate matter absorbing to ionic surfaces (Gillam, **1991).** Sediments contaminated with PAHs have been identified in a number of locations in the Florida coastal zone (Long and Morgan, **1990).**

Exposure to PAHs may result in a wide range of effects on biological organisms. While some PAHs are known to be carcinogenic, others display little or no carcinogenic, mutagenic, or teratogenic activity (Neff, **1979;** EPA, **1980; NRCC, 1983).** Many carcinogenic PAHs also exhibit teratogenic and mutagenic effects.

PAHs were detected at most of the locations sampled within Site **42,** but only exceeded the total PAH **(tPAH) SSV** and TEL of **1,684** μg/kg at **two** of these. Fluoranthene exceeded its screening level at **11** of the **141** sampling locations. All other individual compounds exceeded their respective screening concentrations at fewer locations. Concentrations for locations where screening concentrations were exceeded are provided in Table **10-3.**

Phthalate Esters

Phthalate esters represent a large group chemicals known as plasticizers. Plasticizers give the resilient nature to plastics such as Tygon. They are also found in cosmetics, rubbing alcohol, insect repellants, insecticides, and solid rocket propellants (CCREM, **1987).**

Bis(2-ethylhexyl)phthalate (BEHP) was detected above the **SSV** and TEL of **182** μg/kg at **two** locations (see Table **10-3).** No obvious source for this organic constituent was identified for either locations. Because of the frequent use in vacuum pumps and plastics in the laboratory, BEHP is considered a common laboratory contaminant. These locations were not rejected during data validation for BEHP.

Table 10-3
SVOCs Concentrations Exceeding Screening Criteria

Contaminant	Sample ID	Concentration	SSV	SQAG TEL	SQAG PEL	HQ
		Semivolatiles (μg/kg)				
Acenaphthylene	042MZ622	28	330	5.87	128	4.8
	042MZ807	92				15.7
Anthracene	042MZ611	52	330	46.9	245	1.1
	042MZ622	130				2.8
	042MZ725	51				1.1
	042MZ807	650				13.9
Benzo(a)anthracene	042MZ603	130	330	74.8	693	1.7
	042MZ605	95				1.3
	042MZ611	85				1.1
	042MZ616	89				1.2
	042MZ618	84				1.1
	042MZ622	310				4.1
	042MZ725	80				1.1
	042MZ805	120				1.6
	042MZ807	1,800				24.0
Benzo(a)pyrene	042MZ616	110	330	88.8	763	1.2
	042MZ619	140				1.6
	042MZ622	330				3.7
	042MZ805	140				1.6
	042MZ807	1,100				12.4
Chrysene	042MZ603	160	330	108	846	1.5
	042MZ604	120				1.1
	042MZ622	520				4.8
	042MZ805	240				2.2
	042MZ807	2,500				23.1
Fluoranthene	042MZ603	190	330	113	1494	1.7
	042MZ605	130				1.2
	042MZ611	220				1.9
	042MZ614	140				1.2
	042MZ618	150				1.3
	042MZ619	120				1.1
	042MZ620	120				1.1
	042MZ622	730				6.5
	042MZ725	210				1.9
	042MZ805	210				1.9
	042MZ807	2,600				23.0
Fluorene	042MZ611	31	330	21.2	144	1.5
	042MZ622	46				2.2
	042MZ807	63				3.0
Naphthalene	042MZ901	41	330	34.6	391	1.2

Table 10-3
SVOCs Concentrations *Exceeding* Screening Criteria

contaminant	Sample ID	concentration	SSV	SQAG TEL	SQAG PEL	HQ
Phenanthrene	042MZ611	260	330	86.7	544	3.0
	042MZ620	98				1.1
	042MZ622	410				4.7
	042MZ725	95				1.1
	042MZ807	260				3.0
Pyrene	042MZ603	200	330	153	1398	1.3
	042MZ605	160				1.0
	042MZ611	160				1.0
	042MZ618	160				1.0
	042MZ622	680				4.4
	042MZ725	190				1.2
	042MZ805	230				1.5
	042MZ807	2,300				15.0
total PAHs	042MZ622	3,184	1,684	1,684	16,770	1.9
	042MZ807	11,365				6.7
bis(2-ethylhexyl)phthalate	042MZ622	1,100	182	182	2647	6.0
	042MZ718	1,400				7.7

Notes:
AZ = Assessment Zone
SSV = USEPA Region 4 Sediment Screening Value
SQAG = Florida Department of Environmental Protection – Sediment Quality Assessment Guideline
TEL = Threshold Effects Level
PEL = Probable Effects Level
1 = Represents effects level for total PCBs.
HQ = Hazard Quotient; Concentration/Effects Level.

Volatile Organic Compounds

No sediment screening values are present for VOCs. Detected concentrations are presented in Section 7. The limited distribution and low values detected suggest a limited risk to ecological receptors. VOCs are extremely mobile. At the concentrations observed, the VOCs would be solutes in seawater or the sediment interstitial fluids.

10.2.3 Preliminary Exposure Estimate

The use of screening values for comparison of observed contaminant concentrations necessitates an assumption that benthic associated fauna will use the area surrounding a sample location exclusively for feeding and other life requisites. Also, this screening approach assumes that

100 percent of the contaminant concentration found will be bioavailable to those benthic organisms found at the location. By applying both of these assumptions in the screening assessment, a very conservative estimate of a chemical's potential effects is made.

10.2.4 Preliminary Risk Calculation

Based on the exposure estimate (100 percent of contaminant concentration) for benthic infauna associated with the sample location, and by applying the most conservative effects benchmark, a hazard quotient can be determined for each sampling location (see Table 10-1 through 10-3). The hazard quotient method compares the estimated exposure concentrations to the measured or predicted threshold value for effect (USEPA, 1989). Equation 1 presents the calculation method with explanation of the variables used.

Equation 1 Hazard Quotient (HQ) $= \frac{\text{Sediment Concentration}}{\text{Effect Level}}$

An HQ greater than 1 is interpreted as a level at which adverse ecological effects are likely to occur. An HQ less than 1 does not indicate a lack of risk, but should be interpreted based on the severity of the effect reported and the magnitude of the calculated quotient (EPA, 1994).

For Site 42, HQs were determined only for those contaminants exceeding the TEL. Thus, all quotients for the locations presented will exceed 1 and those locations not presented in the table will be below 1. The following paragraphs discuss exceedances and spatial relevance, along with an interpretation of the number of exceedances relative to the sample size.

Metals

Hazard quotients for arsenic, cadmium, chromium, copper, lead, and mercury were all less than 5 (see Table 10-1). Anthropogenic input of metals into sediments near NASP has occurred, but

specific source of these metals are difficult to determine. The limited distribution of exceedances and the low **HQ** values suggest a low risk to ecological receptors.

Of the two screening level exceedances for silver, only the one was significant with a **HQ** of 20.2. The proximity of the elevated silver concentrations detected suggests the IWTP is the source. Sample locations closer to the IWTP did not detect any silver.

Pesticides/PCBs

For the three pesticides and one PCB detected in Table 10-1, all **HQs** were 5 or less, and most were less than 2. Only 15 of the **141** locations sampled had pesticide/PCB concentrations above screening values and no spatial pattern was evident. Based on the limited distribution and HQ values less than 5, risk to ecological receptors is low.

PAHs

Results for ten PAH compounds were compared to respective screening values in addition to that for total PAHs (tPAH). Except for two locations, the **HQ** for all compounds were less than or equal to three. For tPAHs, these same two locations were the only ones with concentrations above the tPAH screening value of 1,684 μg/kg. This suggests the U.S. Coast Guard Station and the barge fueling pier are sources of petroleum related PAHs. Both of these facilities are permanent and it is expected that operations will continue in the future. These concentrations suggests moderate risk to ecological receptors in these areas.

BEHP

HQ for the two locations exceeding the screening value were 6 and 7.7. With only 2 of 141 locations exhibiting elevated concentrations it is predicted that no risk to ecological receptors is limited.

10.2.5 Uncertainties

All sampling programs may produce unavoidable variations to the design. Below are uncertainties that field conditions, laboratory procedures, or other circumstances that are likely to have been a factor in this investigation and risk assessment.

- Analytical matrix interferences due to excess organic material in sediment. Sampling in the grass beds near Trout Point required sampling roots and other benthic organisms with the sediment sample.

- The lack of criteria or screening values for some chemicals increases the uncertainty for screening level assessments, such as at Site 42.

- The hazard quotient approach lacks the consideration for natural metal concentrations, and sediment grain-size and TOC effects as they relate to bioavailability.

- The dynamic nature of a marine ecosystem provides natural variability that is not considered in receptor exposure scenarios.

10.2.6 Conclusions

Sediment chemistry results show concentrations for arsenic, cadmium, chromium, copper, lead, mercury, and silver to be above TELs. Only one sample of silver exceeded a PEL. Hazard quotients produced for these metals did not reveal any significant potential risk to receptors. The limited detections and distribution suggest a limited risk to ecological receptors.

PAHs appear to be the most significant organic contaminants found at the site. PAHs at Site 42 area are attributable to past practices, but also recent oil spills and asphalt road runoff may have contributed to sediment loads. Samples taken near the barge loading dock and the Coast Guard

Station represent all the detections for PAHs exceeding the PEL. This suggests sediments in the vicinity of these sample locations are of moderate risk to ecological receptors. Pesticides, PCBs, and phthalate esters were detected in a limited number of samples and did not exceed a PEL. The limited distribution and detections suggest a low risk to ecological receptors.

10.3 Human Health Exposure Assessment

This assessment examines the potential for human exposure to the contaminants detected at Site 42. The physical nature of a marine environment prevents exposure in many ways.

Site History

The history of Pensacola Bay near NAS Pensacola has been discussed in detail in Section 2 of this RI.

Site Description

A comprehensive description of the site is provided in Section 3 of this RI.

Current Use

NAS Pensacola Site 42, near the industrial portion of the base, is currently limited to boating activities. Human contact with site media will occur only due to activities associated with the Rescue Training School (short duration swimming), and a public beach at Mustin Beach west of the Coast Guard Station. Swimming is otherwise not authorized anywhere within Site 42.

Exposure Scenarios

Exposure to media at Site 42 appears to be limited. Rescue Training activities involve training students in the bay for a single class. This exposure is to the surface water only. The NASP Tier I Partnering Team determined that water exposure did not constitute a significant route and thus no water samples were collected during the RI. Contact with media near the developed

portion of the base is limited by security, sediment depth, and reduced adsorption of sediment to skin. Table 10-4 exhibits the common scenarios for exposure routes.

Mustin Beach samples were lower in concentration than other areas. This is due to the strong surf and tidal currents in this area of Site 42.

Swimming

Swimming is not allowed at Site 42, being monitored by the U.S. Navy and Coast Guard. The exceptions to this are the activities of the rescue swimming school and Mustin Beach. The Navy monitors the seawall and quay, while the U.S. Coast Guard monitors boating traffic near the ICW. Therefore, frequent human exposure to site sediments would not be possible. Occasional trespassing would be possible, although trespassers would likely be arrested. Prudent individuals would not risk the physical hazards associated swimming in the swift currents of the shipping channel.

Sediment

In addition to the security patrolling Site 42 and the surrounding area, other issues limit human exposure to Site 42 media. Many samples were collected during the RI that would be deeper than most swimmers could reach without diving equipment. If direct exposure were possible, sediment near the shipping channel would be expected to contain any chemicals of concern, and direct, frequent exposure to sediment is unrealistic. In addition, sediment would wash off of skin rather than adsorbing, as would be assumed for soil exposure. Sediment is submerged year round.

Table 10-4
Summary Justification for Eliminating Human Exposure Pathways — Site 42
NAS Pensacola
Pensacola, Florida

Potentially Exposed Population	Medium and Exposure Pathway	Pathway Selected for Evaluation	Reason for Selection or Exclusion
		Current Land Uses	
Current & Future Site Users	**Air — Inhalation of gaseous contaminants emanating from soil**	**No**	**Site 42 contains no soil. No VOC concentrations were reported in sediment exceeding their corresponding soil RBCs.**
	Air — Inhalation of chemicals entrained in fugitive dust	**No**	Site 42 contains no soil. Site 42 sediment is submerged year-round. Consequently, assessing sediment exposure as if it were soil would not be appropriate. This exposure pathway was eliminated in accordance with USEPA Region IV's Supplemental Guidance to **RAGS** *Bulletin* 3, ***Exposure Assessment*** (USEPA, 1995).
	Groundwater — Ingestion of contaminants during potable or general use	**No**	**Groundwater is below the aquitard in Pensacola Bay.**
	Groundwater — Inhalation of volatilized groundwater contaminants	No	Groundwater is below the aquitard in Pensacola Bay.
	Surface water — Ingestion of contaminants during swimming	**No**	**Swimming is allowed only at Mustin Beach. Surface water was not considered by the Tier I Partnering Team to be a possible source of contaminants. Consequently, this medium was not analyzed as agreed by the Tier I Team.**
	Surface water — Inhalation of volatilized groundwater contaminants	**No**	Swimming is allowed only at Mustin Beach. Surface water was not considered by the Tier I Partnering Team to be a possible source of contaminants. Consequently, this medium was not analyzed as agreed by the Tier I Team.
	Soil — Incidental ingestion	**No**	**Site 42 contains no soil.**
	Soil — Dermal contact	No	Site 42 contains no soil.

Table 10-4
***Summary* Justification for Eliminating Human Exposure Pathways – Site 42**
NAS Pensacola
Pensacola, Florida

Potentially Exposed Population	Medium and Exposure Pathway	Pathway Selected for Evaluation	Reason for Selection or Exclusion
	Sediment – Incidental ingestion	No	Swimming is allowed only at Mustin Beach. Site 42 sediment is submerged year-round. Consequently, assessing sediment exposure as if it were soil would not be appropriate. This exposure pathway was eliminated in accordance with USEPA Region IV's Supplemental Guidance to RAGS *Bulletin 3, Exposure Assessment* (USEPA, 1995).
	Sediment – Dermal contact	No	Swimming is allowed only at Mustin Beach. Site 42 sediment is submerged year-round. Consequently, assessing sediment exposure as if it were soil would not be appropriate. This exposure pathway was eliminated in accordance with USEPA Region IV's Supplemental Guidance to RAGS Bulletin 3. *Exposure* Assessment (USEPA, 1995).
	Wild game or domestic animals – Ingestion of tissue impacted by media contamination	No	Fishing and crabbing do occur in this area. A study conducted at Site 2 concluded no risk from consuming edible crab tissue.
	Fruits and vegetables – Ingestion of plant tissues grown in media	No	Site 42 contains no soil. Aquaculture is not a proposed land use and would not be expected to be a concern at this site, relative to direct exposure pathways considered. In addition, these activities would be prohibited in the ICW by the U.S. Coast Guard.

***Surface* Water**

Surface water samples taken for Site 2 indicate trace amount of PAHs, VOCs, and the ususal metals associated with seawater (E/A&H, 1996). Exposure to surface water would be limited to swimming trespassers, based on the stringent security enforced by the U.S. Navy and Coast Guard. Seawater is not potable because of the natural salinity.

Fishing and Crabbing

Fishing and crabbing are allowed and *can* be observed daily in Site 42. The most likely route of exposure for contaminants to humans is via fishing and crabbing. During the Site 2 RI, edible crab tissue was collected in Site 42 and Site 2. The study concluded that no risk can be attributed from the consumption of edible crab tissue.

Future Land Use

These submerged lands are owned by the State of Florida. Future land use at NAS Pensacola Site 42 will be limited to boating, and exposure will be limited by the physical factors discussed above.

10.4 Baseline Risk Assessment Conclusions

Risk management decisions for NAS Pensacola Site 42 based on preliminary human health risk assumptions are not warranted for sediment because of a lack of complete exposure pathways. The only complete pathway to humans is through the consumption of seafood taken from Site 42. A study completed at Site 2 concluded that no measurable risk can be attributed to the consumption of edible crab tissue.

The remaining risk is to near shore ecological receptors. In order to assess the risk to ecological receptors, HQs were calculated for comparative purposes. HQs calculated for metals were less than five, except for a single detection of silver with a HQ equal to 20.2. This indicates a low risk to ecological receptors for metals. Of the three pesticides and one PCB found, none exhibited a HQ greater than five, also indicating a low risk to ecological receptors. SVOCs were the most frequent contaminant type detected. Of the SVOCs, only the PAH compounds exhibited a HQ greater than 10 suggesting a higher risk to ecological receptors. The areas of concern for PAHs are the sampling locations near the Coast Guard Station and the barge loading dock.

11.0 CONCLUSIONS AND RECOMMENDATIONS

Site 42 represents about 10 miles of Pensacola Bay coastline receiving storm water and groundwater discharge from NAS Pensacola. This near-shore environment was sampled at 141 locations in accordance with the site work plan and SAP assessing the nature and extent of contaminants. Seven metals, three pesticides, one PCB, and 11 SVOCs exceeded a sediment quality screening value. VOCs were detected but currently do not have any sediment quality screening values. Exceedances for metals, pesticides, and PCBs were within an order of magnitude of the sediment quality screening criteria. SVOCs, namely PAHs, did exceed the sediment quality screening value by an order of magnitude. The extent of contamination was based on the frequency of detections and the location of nondetects. The nature of the observed contaminants have been laboratory analyzed.

Many of the analytes had a limited frequency of detection and distribution such that the contaminant source is not clear. Mapping the exceedances identified areas of increased contaminant occurrence compared to other areas sampled. Those areas include the barge loading dock, Coast Guard Station, concrete seawall and quay, and the IWTP. The contaminants in the vicinity of the barge loading dock suggest fuels and associated constituents from this facility are the source. The seawall and quay contaminants indicate storm water runoff from asphalt roads and roofs as the source. In addition, some of the contaminants detected along the seawall and quay are the same materials used by past activities. At the IWTP, groundwater, storm water, and past NPDES discharges are suspected to be the source.

The contaminants detected do not present a risk to human health. This is because no complete pathway to humans can be verified. A study completed during the Site 2 RI concluded that no measurable risk can be attributed from the consumption of edible tissue in crab. The remaining risk is to near-shore ecological receptors. To assess the risk to ecological receptors, HQs were calculated for comparative purposes. HQs calculated for metals were less than five, except for

a single detection of silver with an HQ equal to 20.2. The limited distribution and frequency of detection suggest a limited exposure and lower risk. Of the three pesticides and one PCB found, none exhibited an HQ greater than five, also indicating a low risk to ecological receptors. SVOCs were the most frequent contaminant type detected. Of the SVOCs, only the PAH compounds exhibited an HQ greater than 10. This suggests that although the frequency of detection is low the risk in those areas of the barge loading dock and Coast Guard Station are of greater risk than other areas sampled.

The contaminants observed at Site 42 are a low risk to ecological receptors because of the limited distribution, the lack of sensitive and/or protected flora and fauna, low frequency of detections, and HQs indicating a limited risk. No further action is recommended. Since only the PAH exceedances suggest a ecological risk, those areas should be noted in the event of dredging or other operations that might resuspend or transport these sediments to more-sensitive areas of the bay or ICW. The petroleum contamination is recommended for further study at the fuel loading dock under F.A.C. Chapter 62-770.

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13.0 FLORIDA PROFESSIONAL GEOLOGIST SEAL

I have read and approve of this Remedial Investigation Report for Site 42 at the Naval Air Station Pensacola, Florida, and seal it in accordance with Chapter 492 of the Florida Statutes. In sealing this document, I certify the geological information contained in it is true to the best of my knowledge and the geological methods and procedures included herein are consistent with currently accepted geological practices.

Name:	Henry H. Beiro
License Number:	1847
State:	Florida
Expiration Date:	July 31, 1998

Henry H. Beiro

Henry H. Beiro

17 September 1997

Date

Appendix A

Primary Laboratory Analysis Phase I

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC	SAMPLE ID ------->	042-M-0001-01	042-M-0002-01	042-M-0003-01	042-M-0004-01	042-M-0005-01	D42-M-0006-01
	ORIGINAL ID ----->	042M000101	042M000201	042M000301	042M000401	042M000501	042M000601
	LAB SAMPLE ID --->	M501038*1	M501038*2	M501038*3	M501038*4	M501038*5	M501038*6
	ID FROM REPORT -->	042M000101	042M000201	042M000301	042M000401	042M000501	042M000601
	SAMPLE DATE ----->	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95
	DATE EXTRACTED -->	02/18/95	02/18/95	02/18/95	02/18/95	02/18/95	02/18/95
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	Sediment	sediment
	UNITS ---------->	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CAS #	arameter	EAH031	EAH031	EAH031	EAH031	EAH031	EAH031
999900-01-4	otal Organic Carbon (TOC)	460.	3400.	550.	1600.	3300.	180.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC	SAMPLE ID ------->	042-M-0007-01	042-H-0008-01	042-M-0009-01	042-M-0010-01	042-M-0011-01	042-M-0012-01
	ORIGINAL ID ----->	042M000701	042M000801	042M000901	042M001001	042M001101	042M001201
	LAB SAMPLE ID --->	M501038*7	M501038*8	M501038*9	M501038*10	M501038*11	M501038*12
	ID FROM REPORT -->	042M000701	042M000801	042M000901	042M001001	042M001101	042M001201
	SAMPLE DATE ----->	02/09/95	02/09/95	32/09/95	02/09/95	02/09/95	02/09/95
	DATE EXTRACTED -->	02/18/95	02/18/95	02/18/95	02/18/95	02/18/95	02/18/95
	MATRIX ---------->	Sediment	sediment	Pediment	Sediment	Sediment	sediment
	UNITS ---------->	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CAS #	arameter	EAH031	EAH031	EAH031	EAH031	EAH031	EAH031
9999900-01-4	otal Organic Carbon (TOC)	790.	2700.	2400.	1000.	1200.	960.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC							
	SAMPLE ID ------->	042-H-0013-01	042-M-0014-01	)42-M-0015-01	D42-M-0016-01	042-M-0017-01	042-M-0018-01
	ORIGINAL ID ----->	042M001301	042M001401	)42M001501	042M001601	042M001701	042M001801
	LAB SAMPLE ID --->	M501037*1	M501037*2	4501037*3	M501037*4	M501037*5	M501037*6
	ID FROM REPORT -->	042M001301	042M001401	)42M001501	042M001601	04211001701	042M001801
	SAMPLE DATE ----->	02/09/95	02/09/95	32/09/95	02/09/95	02/09/95	02/09/95
	DATE EXTRACTED -->	02/18/95	02/18/95	12/18/95	D2/ 18/95	02/18/95	02/ 18/95
	MATRIX ---------->	Sediment	sediment	Pediment	sediment	Sediment	Sediment
	UNITS ---------->	mg/kg	mg/kg	ng/kg	mg/kg	mg/kg	mg/kg
CAS #	'arameter	EAH031	EAH031	EAH031	EAH031	EAH031	EAH031
999900-01-4	otal Organic Carbon (TOC)	460.	290.	50. U	450.	350.	340.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC							
	SAMPLE ID ------->	042-M-0019-01	042-M-0020-01	042-H-0021-01	042-M-0022-01	042-M-0023-01	042-M-0024-01
	ORIGINAL ID ----->	042M001901	042M002001	042M002101	042M002201	042M002301	042M002401
	LAB SAMPLE ID --->	M501037*7	M501265*11	M501265*12	M501265*13	M501265*14	M501265*15
	ID FROM REPORT -->	042M001901	042M002001	042M002101	042M002201	042M002301	042M002401
	SAMPLE DATE ----->	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95
	DATE EXTRACTED -->	02/18/95	03/01/95	03/01/95	03/01/95	03/01/95	03/01/95
	MATRIX ---------->	Sediment	Sediment	Sediment	sediment	Sediment	sediment
	UNITS ---------->	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CAS #	Parameter	EAH031	EAH032	EAH032	EAH032	EAH032	EAH032
9999900-01-4	Total Organic Carbon (TOC)	360.	200.	450.	60.	210.	50. U

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC							
	SAMPLE ID -------:	042-M-0025-01	042-M-0026-01	042-M-0027-01	042-W-0028-01	042-M-0029-01	042-H-0030-01
	ORIGINAL ID -----:	042M002501	042M002601	042M002701	042M002801	042M002901	042M003001
	LAB SAMPLE ID ---:	M501265*16	M501265*17	M501265*18	M501265*19	M501265*20	M501265*21
	ID FROM REPORT --:	042M002501	042M002601	042M002701	042M002801	042M002901	042M003001
	SAMPLE DATE -----:	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95
	DATE EXTRACTED --:	03/01/95	03/01/95	03/01/95	03/01/95	03/01/95	03/01/95
	MATRIX ----------:	Sediment	Sediment	Sediment	Sediment	sediment	Sediment
	UNITS ----------:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CAS #	Parameter	EAH032	EAH032	EAH032	EAH032	EAH032	EAH033
9999900-01-4	Total Organic Carbon (TOC)	410.	67.	280.	1000.	6400.	5400.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC							
	SAMPLE ID ------->	042-M-0031-01	042-M-0032-01	042-M-0033-01	042-M-0034-01	042-M-0035-01	042-M-0036-01
	ORIGINAL ID ----->	042M003101	042M003201	042M003301	042M003401	042M003501	042M003601
	LAB SAMPLE ID --->	M501265*22	M501265*23	M501265*24	M501265*25	M501265*26	M501265*27
	ID FROM REPORT -->	042M003101	042M003201	042M003301	042M003401	042M003501	042M003601
	SAMPLE DATE ----->	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95	02/09/95
	DATE EXTRACTED -->	03/01/95	03/01/95	03/01/95	03/01/95	03/01/95	03/01/95
	MATRIX ---------->	sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CAS #	arameter	EAH033	EAH033	EAH033	EAH033	EAH033	EAH033
999900-01-4	otal Organic Carbon (TOC)	1400.	24000.	4400.	960.	5600.	780.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC	SAMPLE ID ------->	042-M-0037-01	042-M-0038-01	042-M-0039-01	042-W-0040-01	QUA-T-E031-01	PUA-T-E031-02
	ORIGINAL ID ----->	042M003701	042M003801	042M003901	042M004001	Quant.Limit	Quant.Limit
	LAB SAMPLE ID --->	M501265*28	M501265*29	M501265*30	M501265*31	M501037*10	M501038*13
	ID FROM REPORT -->	042M003701	042M003801	042M003901	042M004001	Quant.Limit	Quant.Limit
	SAMPLE DATE ----->	02/09/95	02/09/95	02/09/95	02/09/95		
	DATE EXTRACTED -->	03/01/95	03/01/95	03/01/95	03/01/95		
	MATRIX ---------->	Sediment	Sediment	sediment	sediment	soil	Soil
	WITS --------->	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CAS #	arameter	EAH033	EAH033	EAH033	EAH033	EAH031	EAH031
999900-01-4	otal Organic Carbon (TOC)	150.	350.	470.	590.	50.	50.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE I
All samples for Phase I

TOC							
	SAMPLE ID ------->	QUA-T-E031-03	QUA-1-E031-04				
	ORIGINAL ID ----->	Quant.Limit	Quant.Limit				
	LAB SAMPLE ID --->	M501265*36	M501265*39				
	ID FROM REPORT -->	Quant.Limit	Quant.Limit				
	SAMPLE DATE ----->						
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	mg/kg	mg/kg				
CAS #	arameter	EAH032	EAH033				
999900-01-4	otal Organic Carbon (TOC)	SO.	50.				

Appendix B

Primary Laboratory Analysis Phase II

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID							
	SAMPLE ID ------->	042-M-2501-01	042-M-Z502-01	042-M-2503-01	042-M-2504-01	042-M-2505-01	042-M-Z506-01
	ORIGINAL ID ----->	040MZ50101	040MZ50201	040MZ50301	040MZ50401	040MZ50501	040MZ50601
	LAB SAMPLE ID --->	951005-11	951005-22	951005-23	951005-12	951005-13	951005-24
	ID FROM REPORT -->	040MZ50101	040MZ50201	040MZ50301	040MZ50401	040MZ50501	040MZ50601
	SAMPLE DATE ----->	12/04/95	12/05/95	12/05/95	12/04/95	12/04/95	12/05/95
	DATE EXTRACTED -->	01/16/96	01/16/96	01/16/96	01/16/96	01/16/96	01/16/96
	DATE ANALYZED --->	01/17/96	01/17/96	01/17/96	01/17/96	01/17/96	01/17/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	231001	231001	231001	Z31001	Z31001	231001
9999000-58-8	SOLIDS	76.6	82.8	80.4	78.4	9.1	79.9

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-Z507-01	042-M-2508-01	D42-M-2509-01	042-M-Z510-01	042-M-Z511-01	042-H-Z512-01
	ORIGINAL ID ----->	040MZ50701	040MZ50801	040MZ50901	040MZ51001	040MZ51101	040MZ51201
	LAB SAMPLE ID --->	960093-09	960010-01	960010-02	960010-03	960010-04	960010-05
	ID FROM REPORT -->	040MZ50701	040MZ50801	040MZ50901	040MZ51001	040MZ51101	040MZ51201
	SAMPLE DATE ----->	02/06/96	01/10/96	01/10/96	01/10/96	01/10/96	01/10/96
	DATE EXTRACTED -->	03/02/96	01/31/96	D1/31/96	01/31/96	01/31/96	01/31/96
	DATE ANALYZED --->	03/03/96	02/04/96	02/04/96	02/04/96	02/04/96	02/04/96
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	'arameter	MZ1010	250801	250801	250801	250801	250801
9999000-58-8	OLIDS	79.1	75.2	75.6	71.2	75.7	71.8

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID							
	SAMPLE ID ------->	042-M-Z513-01	042-H-2514-01	042-M-Z515-01	042-M-Z516-01	042-M-Z517-01	042-M-Z518-01
	ORIGINAL ID ----->	040MZ51301	040MZ51401	040MZ51501	040MZ51601	040MZ51701	040MZ51801
	LAB SAMPLE ID --->	960010-06	960010-07	951029-09	960093-10	951029-10	951029-11
	ID FROM REPORT -->	040MZ51301	040MZ51401	040MZ51501	040MZ51601	040MZ51701	040MZ51801
	SAMPLE DATE ----->	01/10/96	01/10/96	12/11/95	02/06/96	12/11/95	12/11/95
	DATE EXTRACTED -->	01/31/96	01/31/96	01/18/96	03/02/96	01/23/96	01/18/96
	DATE ANALYZED --->	02/04/96	02/04/96	01/20/96	03/03/96	01/20/96	01/20/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	250801	250801	EW0010	MZ1010	EW0010	EW0010
'999000-58-8	OLIDS	71.2	71.6	79.4	81.2	78.9	78.5

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2519-01	042-M-2520-01	042-H-2521-01	042-M-2522-01	042-M-2523-01	042-M-2524-01
	ORIGINAL ID ----->	040MZ51901	040MZ52001	040MZ52101	040MZ52201	04011252301	040MZ52401
	LAB SAMPLE ID --->	951029-12	951029.13	951021-12	951021-13	951021-14	960093-11
	ID FROM REPORT -->	040MZ51901	040MZ52001	040MZ52101	040MZ52201	040MZ52301	040MZ52401
	SAMPLE DATE ----->	12/11/95	12/11/95	12/07/95	12/07/95	12f07/95	02/06/96
	DATE EXTRACTED -->	01/18/96	01/23/96	01/16/96	01/16/96	01/16/96	03/02/96
	DATE ANALYZED --->	01/20/96	01/20/96	01/18/96	01/18/96	01/18/96	03/03/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	EW0010	EW0010	EM0050	EM0050	EM0050	MZ1010
9999000-58-8	SOLIDS	80.5	78.5	82.2	80.2	81.9	82.7

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2525-01	042-M-2526-01	042-M-2527-01	042-M-2528-01	042-M-2529-01	042-M-2530-01
	ORIGINAL ID ----->	040MZ52501	040MZ52601	040MZ52701	040MZ52801	040MZ52901	040MZ53001
	LAB SAMPLE ID --->	951005-14	951021-15	951005-15	951021-16	951021-17	951021-18
	ID FROM REPORT -->	040MZ52501	040MZ52601	040MZ52701	040MZ52801	040MZ52901	040MZ53001
	SAMPLE DATE ----->	12/04/95	12/07/95	12/04/95	12/07/95	12/07/95	12/07/95
	DATE EXTRACTED -->	01/16/96	01/16/96	51/16/96	01/16/96	01/16/96	01/16/96
	DATE ANALYZED --->	01/17/96	01/18/96	31/17/96	01/18/96	01/18/96	01/18/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	231001	EM0050	231001	EM0050	EM0050	EM0050
999000-58-8	OLIDS	76.6	79.8	77.4	81.1	80.1	81.2

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID -------:	042-H-2531-01	042-M-2532-01	042-M-2533-01	042-M-2534-01	042-M-2535-01	042-M-2536-01
	ORIGINAL ID -----:	040MZ53101	040MZ53201	040MZ53301	040MZ53401	040MZ53501	040MZ53601
	LAB SAMPLE ID ---:	951005-16	951021-19	950983-01	950983-02	950983-03	950983-04
	ID FROM REPORT --:	040MZ53101	040MZ53201	040MZ53301	040MZ53401	040MZ53501	040MZ53601
	SAMPLE DATE -----:	12/04/95	12/07/95	11/28/95	11/28/95	11/28/95	11/28/95
	DATE EXTRACTED --:	01/16/96	01/16/96	01/05/96	01/05/96	01/05/96	01/05/96
	DATE ANALYZED ---:	01/17/96	01/18/96	01/05/96	01/05/96	41/04/96	01/05/96
	MATRIX ----------:	sediment	Sediment	Sediment	sediment	Sediment	Sediment
	UNITS ----------:	%	%	%	%	%	%
CAS #	Parameter	231001	EM0050	253301	253301	253301	253301
999000-58-8	SOLIDS	77.	83.1	76.	80.2	73.	77.7

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2537-01	042-M-2538-01	042-M-2539-01	042-M-2540-01	042-W-2541-01	042-M-2542-01
	ORIGINAL ID ----->	040MZ53701	040MZ53801	040MZ53901	040MZ54001	040MZ54101	040MZ54201
	LAB SAMPLE ID --->	950983-05	950983-06	950930-12	960093-12	950930-13	950930-14
	ID FROM REPORT -->	040MZ53701	040MZ53801	040MZ53901	04011254001	040MZ54101	040MZ54201
	SAMPLE DATE ----->	11/28/95	11/28/95	11/14/95	02/06/96	11/14/95	11/14/95
	DATE EXTRACTED -->	01/05/96	01/05/96	12/17/95	03/02/96	12/17/95	12/17/95
	DATE ANALYZED --->	01/05/96	01/05/96	12/20/95	03/03/96	12/20/95	12/20/95
	MATRIX ---------->	sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	253301	253301	241901	MZ1010	241901	241901
'999000-58-8	OLIDS	77.9	74.9	80.5	82.4	81.	77.8

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-H-2543-01	042-M-2544-01	042-M-2545-01	042-M-Z601-01	042-M-2602-01	042-M-Z603-01
	ORIGINAL ID ----->	040MZ54301	040MZ54401	040MZ54501	040MZ60101	040MZ60201	040MZ60301
	LAB SAMPLE ID --->	950930-15	950930-16	950930-17	950930-18	960084-01	950930-19
	ID FROM REPORT -->	040MZ54301	040MZ54401	040MZ54501	040MZ60101	040MZ60201	040MZ60301
	SAMPLE DATE ----->	11/14/95	11/14/95	11/14/95	11/14/95	01/31/96	11/14/95
	DATE EXTRACTED -->	12/17/95	12/17/95	12/17/95	12/17/95	02/28/96	12/17/95
	DATE ANALYZED --->	12/20/95	12/20/95	12/20/95	12/20/95	02/28/96	12/20/95
	MATRIX ---------->	sediment	Sediment	sediment	sediment	sediment	sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	241901	241901	241901	241901	MZ6020	241901
999000-58-8	OLIDS	27.5	79.6	79.7	20.5	47.9	24.8

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-Z604-01	042-M-2605-01	042-M-Z606-01	042-M-2607-01	042-W-2608-01	042-M-2609-01
	ORIGINAL ID ----->	040MZ60401	040MZ60501	040MZ60601	040MZ60701	040MZ60801	040MZ60901
	LAB SAMPLE ID --->	950922-10	950922-11	950922-12	950922-13	950922-14	950922-15
	ID FROM REPORT -->	040MZ60401	040MZ60501	040MZ60601	040MZ60701	040MZ60801	040MZ60901
	SAMPLE DATE ----->	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95
	DATE EXTRACTED -->	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95
	DATE ANALYZED --->	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	Z61101	261101	261101	261101	Z61101	Z61101
999000-58-8	OLIDS	74.	78.2	69.2	78.1	74.6	69.8

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2610-01	042-M-2611-01	042-M-2612-01	042-M-Z613-01	042-M-2614-01	042-M-2615-01
	ORIGINAL ID ----->	040MZ61001	040MZ61101	040MZ61201	040MZ61301	040MZ61401	040MZ61501
	LAB SAMPLE ID --->	950922-16	950922-01	950922-02	950922-03	950922-04	950922-05
	ID FROM REPORT -->	040MZ61001	040MZ61101	040MZ61201	040MZ61301	040MZ61401	040MZ61501
	SAMPLE DATE ----->	11/09/95	11/08/95	11/08/95	11/08/95	11/08/95	11/08/95
	DATE EXTRACTED -->	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95
	DATE ANALYZED --->	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95
	MATRIX ---------->	Sediment	Sediment	Sediment	sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%		%
CAS #	srameter	261101	261101	261101	261101	261101	Z61101
'999000-58-8	OLIDS	79.3	80.	67.4	47.9	66.6	77.6

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2616-01	042-M-2617-01	042-M-2618-01	042-M-2619-01	042-M-2620-01	042-M-2621-01
	ORIGINAL ID ----->	040MZ61601	040MZ61701	040MZ61801	040MZ61901	040MZ62001	040MZ62101
	LAB SAMPLE ID --->	950922-06	950922-07	950922-08	960084-02	950899-14	950899-15
	ID FROM REPORT -->	040MZ61601	040MZ61701	040MZ61801	040MZ61901	040MZ62001	040MZ62101
	SAMPLE DATE ----->	11/08/95	11/08/95	11/08/95	01/31/96	11/06/95	11/06/95
	DATE EXTRACTED -->	12/05/95	12/05/95	12/05/95	02/28/96	12/04/95	12/04/95
	DATE ANALYZED --->	12/05/95	12/05/95	12/05/95	02/28/96	12/05/95	12/05/94
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	261101	261101	261101	MZ6020	040EM0	040EM0
999000-58-8	OLIDS	26.3	80.7	55.5	61.3	64.7	77.3

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-Z622-01	042-M-2623-01	042-M-2701-01	042-M-2702-01	042-M-2703-01	042-M-Z704-01
	ORIGINAL ID ----->	040MZ62201	040MZ62301	040MZ70101	040MZ70201	040MZ70301	040MZ70401
	LAB SAMPLE ID --->	950899-16	950899-17	950899-18	950899-19	950899-20	950899-21
	ID FROM REPORT -->	040MZ62201	040MZ62301	040MZ70101	04011270201	040MZ70301	040MZ70401
	SAMPLE DATE ----->	11/06/95	11/06/95	11/06/95	11/06/95	11/06/95	11/06/95
	DATE EXTRACTED -->	12/04/95		12/04/95	12/04/95	12/04/95	12/04/95
	DATE ANALYZED --->	12/05/95		12/05/95	12/05/95	12/05/95	12/05/95
	MATRIX ---------->	Sediment		Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%		%	%	%	%
CAS #	Parameter	040EM0		040EM0	040EM0	040EM0	040EM0
999000-58-1	SOLIDS	59.	78.7	78.	80.8	77.5	81.6

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

%							
	SAMPLE ID ------->	042-M-Z705-01	042-M-Z706-01	042-M-Z707-01	042-M-Z708-01	042-M-Z709-01	042-M-Z710-01
	ORIGINAL ID ----->	040MZ70501	040MZ70601	040MZ70701	040MZ70801	040MZ70901	040MZ71001
	LAB SAMPLE ID --->	950899-05	950899-06	950899-07	950899-08	950899-09	960093-13
	ID FROM REPORT -->	040MZ70501	040MZ70601	040MZ70701	040MZ70801	040MZ70901	040MZ71001
	SAMPLE DATE ----->	11/02/95	11/02/95	11/01/95	11/02/95	11/02/95	02/06/96
	DATE EXTRACTED -->	12/04/95	12/04/95	12/04/95	12/04/95	12/04/95	03/02/96
	DATE ANALYZED --->	12/05/95	12/05/95	12/05/95	12/05/95	12/05/95	03/03/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	040EM0	040EM0	040EM0	040EM0	040EM0	10
9999000-58-8	SOLIDS	79.	77.5	84.7	79.9	78.4	77.1

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID							
	SAMPLE ID ------->	042-M-Z711-01	042-M-Z712-01	042-M-2713-01	042-M-2714-01	042-M-Z715-01	042-k-2716-01
	ORIGINAL ID ----->	040MZ71101	040MZ71201	040MZ71301	040MZ71401	040MZ71501	040MZ71601
	LAB SAMPLE ID --->	950899-10	950899-11	950899-12	950899-03	950887-10	950887-11
	ID FROM REPORT -->	040MZ71101	040MZ71201	040MZ71301	(34011271401	040MZ71501	040MZ71601
	SAMPLE DATE ----->	11/01/95	11/02/95	11/02/95	11/01/95	10/30/95	10/30/95
	DATE EXTRACTED -->	12/04/95	12/04/95	12/04/95	12/04/95	12/01/95	12/01/95
	DATE ANALYZED --->	12/05/95	12/05/95	12/05/95	12/05/95	12/02/95	12/02/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	040EM0	040EM0	040EM0	040EM0	MZ7230	MZ7230
9999000-58-8	SOLIDS	78.8	80.8	82.8	86.8	76.4	75.8

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID							
	SAMPLE ID ------->	042-H-2717-01	042-M-2718-01	042-M-Z719-01	042-M-2720-01	042-M-Z721-01	042-M-Z722-01
	ORIGINAL ID ----->	040MZ71701	040MZ71801	040MZ71901	040MZ72001	040MZ72101	040MZ72201
	LAB SAMPLE ID --->	950887-12	950887-13	950887-14	950887-15	950887-16	950887-17
	ID FROM REPORT -->	040MZ71701	040MZ71801	040MZ71901	040MZ72001	040MZ72101	040MZ72201
	SAMPLE DATE ----->	10/30/95	10/30/95	10/30/95	10/30/95	10/30/95	10/30/95
	DATE EXTRACTED -->	12/01/95	12/01/95	12/01/95	12/01/95	12/01/95	12/01/95
	DATE ANALYZED --->	12/02/95	12/02/95	12/02/95	12/02/95	12/02/95	12/02/95
	MATRIX ---------->	Sediment	Sediment	Sediment	sediment	sediment	sediment
	UNITS ---------->	%	%	%	%	%	%
CAS I	arameter	MZ7230	MZ7230	MZ7230	MZ7230	MZ7230	MZ7230
9999000-58-8	SOLIDS	75.8	75.	76.7	77.7	77.3	76.5

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-Z723-01	042-M-2724-01	042-M-2725-01	042-M-2726-01	042-M-Z727-01	042-M-2728-01
	ORIGINAL ID ----->	040MZ72301	040MZ72401	040MZ72501	040MZ72601	040MZ72701	040MZ72801
	LAB SAMPLE ID --->	950887-01	950887-02	950887-03	950887-04	950887-05	950887-06
	ID FROM REPORT -->	040MZ72301	040MZ72401	040MZ72501	040MZ72601	040MZ72701	040MZ72801
	SAMPLE DATE ----->	10/27/95	10/27/95	10/27/95	10/27/95	10/27/95	10/27/95
	DATE EXTRACTED -->	12/01/95	12/01/95	12/01/95	12/01/95	12/01/95	12/01/95
	DATE ANALYZED --->	12/02/95	12/02/95	12/02/95	12/02/95	12/02/95	12/02/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	MZ7230	MZ7230	MZ7230	MZ7230	427230	MZ7230
999000-58-8	OLIDS	76.6	72.9	73.6	73.7	76.5	71.3

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID							
	SAMPLE ID ------->	D42-M-Z729-01	D42-M-Z730-01	D42-M-Z731-01	D42-M-Z732-01	D42-M-Z733-01	D42-M-Z734-01
	ORIGINAL ID ----->	D40MZ72901	D40MZ73001	D40MZ73101	D40MZ73201	D40MZ73301	D40MZ73401
	LAB SAMPLE ID --->	360093-14	950887-07	350887-08	950876-10	950876-11	950876-12
	ID FROM REPORT -->	D40MZ72901	D40MZ73001	D40MZ73101	D40MZ73201	D40MZ73301	D40MZ73401
	SAMPLE DATE ----->	D2/06/96	10/27/95	10/27/95	10/26/95	10/26/95	10/26/95
	DATE EXTRACTED -->	03/02/96	12/01/95	12/01/95	11/13/95	11/13/95	11/13/95
	DATE ANALYZED --->	D3/03/96	12/02/95	12/02/95	11/22/95	11/22/95	11/22/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	sediment	sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	MZ1010	MZ7230	MZ7230	MZ8030	MZ8030	MZ8030
999000-58-8	OL IDS	80.7	71.7	73.5	78.5	73.7	72.9

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-Z735-01	042-M-Z736-01	042-M-Z737-01	042-M-Z738-01	042-M-Z739-01	042-M-Z740-01
	ORIGINAL ID ----->	040MZ73501	040MZ73601	040MZ73701	040MZ73801	040MZ73901	040MZ74001
	LAB SAMPLE ID --->	950876-13	950876-14	950876+15	960093-15	950876-16	950876-17
	ID FROM REPORT -->	040MZ73501	040MZ73601	040MZ73701	040MZ73801	040MZ73901	040MZ74001
	SAMPLE DATE ----->	10/26/95	10/26/95	10/26/95	02/06/96	10/26/95	10/26/95
	DATE EXTRACTED -->	11/13/95	11/13/95	11/13/95	03/02/96	11/13/95	11/13/95
	DATE ANALYZED --->	11/22/95	11/22/95	11/22/95	03/03/96	11/22/95	11/22/95
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	MZ8030	MZ8030	MZ8030	MZ1010	MZ8030	MZ8030
999000-58-8	OLIDS	75.	76.6	76.1	81.	75.8	77.1

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-Z801-01	042-M-2802-01	042-M-2803-01	042-M-2804-01	042-M-Z805-01	042-M-Z806-01
	ORIGINAL ID ----->	040MZ80101	040MZ80201	040MZ80301	040MZ80401	040MZ80501	040MZ80601
	LAB SAMPLE ID --->	950930-05	950876-18	950876-01	950876-02	950876-03	950876-04
	ID FROM REPORT -->	040MZ80101	040MZ80201	040MZ80301	040MZ80401	040MZ80501	040MZ80601
	SAMPLE DATE ----->	11/13/95	10/26/95	10/25/95	16/25/95	10/25/95	10/25/95
	DATE EXTRACTED -->	12/17/95	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95
	DATE ANALYZED --->	12/20/95	11/22/95	11/22/95	11/22/95	11/22/95	11/22/95
	MATRIX ---------->	Sediment	sediment	sediment	Sediment	Sediment	sediment
	UNITS ---------	%	%	%	%	%	%
CAS #	Parameter	241901	MZ8030	MZ8030	MZ8030	MZ8030	MZ8030
999000-58-B	SOLIDS	64.4	77.3	65.	74.5	25.9	76.9

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2807-01	042-M-2808-01	042-M-2809-01	042-M-2810-01	042-M-2811-01	042-M-Z812-01
	ORIGINAL ID ----->	040MZ80701	040MZ80801	040MZ80901	040MZ81001	040MZ81101	040MZ81201
	LAB SAMPLE ID --->	950876-05	950876-06	950876-07	950876-08	960093-16	950865-19
	ID FROM REPORT -->	040MZ80701	040MZ80801	040MZ80901	040MZ81001	040MZ81101	040MZ81201
	SAMPLE DATE ----->	10/25/95	10/25/95	10/25/95	10/25/95	02/06/96	10/24/95
	DATE EXTRACTED -->	11/13/95	11/13/95	11/13/95	11/13/95	03/02/96	11/03/95
	DATE ANALYZED --->	11/22/95	11/22/95	11/22/95	11/22/95	03/03/96	11/16/95
	MATRIX ---------->	Sediment	Sediment	Sediment	sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	MZ8030	MZ8030	MZ8030	MZ8030	MZ1010	EM0010
9999000-58-8	SOLIDS	34.9	71.1	73.8	77.6	65.5	69.5

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-Z813-01	042-M-Z814-01	D4t-M-Z815-01	042-M-2816-01	042-M-2817-01	042-M-Z818-01
	ORIGINAL ID ----->	040MZ81301	040MZ81401	040MZ81501	040MZ81601	040MZ81701	040MZ81801
	LAB SAMPLE ID --->	950865-18	950865-17	950865-16	950865-15	950865-14	950865-13
	ID FROM REPORT -->	040MZ81301	040MZ81401	040MZ81501	040MZ81601	040MZ81701	040MZ81801
	SAMPLE DATE ----->	10/24/95	10/24/95	10/24/95	10/24/95	10/24/95	10/24/95
	DATE EXTRACTED -->	11/03/95	11/03/95	11/03/95	11/03/95	11/03/95	11/03/95
	DATE ANALYZED --->	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95
	MATRIX ---------->	Sediment	Sediment	sediment	Sediment	sediment	sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	EM0010	EM0010	EM0010	EM0010	EM0010	EM0010
999000-58-E	OLIDS	78.4	70.1	47.8	78.1	71.4	72.4

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2819-01	042-M-Z820-01	042-M-2821-01	042-H-Z822-01	042-M-Z823-01	042-M-2824-01
	ORIGINAL ID ----->	040MZ81901	040MZ82001	040NZ82101	040MZ82201	040MZ82301	040MZ82401
	LAB SAMPLE ID --->	950865-12	950865-11	950865-10	950865-09	950865-03	950865-04
	ID FROM REPORT -->	040MZ81901	040MZ82001	040MZ82101	040MZ82201	040MZ82301	04011282401
	SAMPLE DATE ----->	10/24/95	10/24/95	10/24/95	10/24/95	10/23/95	10/23/95
	DATE EXTRACTED -->	11/03/95	11/03/95	11/03/95	11/03/95	11/03/95	11/03/95
	DATE ANALYZED --->	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95	11/16/95
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	EM0010	EM0010	EM0010	EM0010	EM0010	EM0010
9999000-58-8	SOLIDS	80.9	60.8	62.2	69.	24.7	79.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-14-2825-01	042-M-2826-01	042-M-Z827-01	042-14-2901-01	042-M-Z902-01	042-M-Z903-01
	ORIGINAL ID ----->	040MZ82501	040MZ82601	040MZ82701	040MZ90101	040MZ90201	040MZ90301
	LAB SAMPLE ID --->	950865-05	950865-06	950865-07	960107-01	950930-06	950930-07
	ID FROM REPORT -->	040MZ82501	040MZ82601	040MZ82701	040MZ90101	040MZ90201	040MZ90301
	SAMPLE DATE ----->	10/23/95	10/23/95	10/23/95	02/09/96	11/13/95	11/13/95
	DATE EXTRACTED -->	11/03/95	11/03/95	11/03/95	03/04/96	12/17/95	12/17/95
	DATE ANALYZED --->	11/16/95	11/16/95	11/16/95	03/05/96	12/20/95	12/20/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	EM0010	EM0010	EM0010	MZ9010	241901	241901
999000-58-8	SOLIDS	78.6	17.5	18.6	52.7	63.8	57.1

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

% SOLID	SAMPLE ID ------->	042-M-2904-01	042-M-2905-01	042-M-2906-01			
	ORIGINAL ID ----->	040MZ90401	040MZ90501	040MZ90601			
	LAB SAMPLE ID --->	950930-08	950930-09	950930-10			
	ID FROM REPORT -->	040MZ90401	04011290501	040MZ90601			
	SAMPLE DATE ----->	11/13/95	11/13/95	11/13/95			
	DATE EXTRACTED -->	12/17/95	12/17/95	12/17/95			
	DATE ANALYZED --->	12/20/95	12/20/95	12/20/95			
	MATRIX ---------->	Sediment	Sediment	Sediment			
	UNITS ---------->	%	%	%			
CAS #	Parameter	241901	241901	241901			
9999000-58-8	SOLIDS	78.9	79.6	34.8			

PENSACOLA, SITE 42
PBNSACOLA, SITE 42, PHASE II
primary samples

GRAIN SIZE													
	SAMPLE ID ------->	042-M-Z513-01		042-M-Z537-01		042-M-Z541-01		042-M-Z613-01		042-W-2618-01		042-M-2620-01	
	ORIGINAL ID ----->	042MZ51301		042MZ53701		042MZ54101		042MZ61301		042MZ61801		042MZ62001	
	LAB SAMPLE ID --->	GTX-1021-08		GTX-1022-03		GTX-1022-20		CTX-1022-12		GTX-1022-13		GTX-1022-14	
	ID FROM REPORT -->	042MZ51301		042MZ53701		042MZ54101		042MZ61301		042MZ61801		042MZ62001	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	04/19/96		04/18/96		04/18/96		04/18/96		04/18/96		04/18/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	213601		230201		230201		230201		230201		Z30201	
999900-32-5	Seive Size 0.375"	NR		100.	SP	NR		NR		NR		WR	
999900-32-6	Seive Size #4	100.	SP	100.	SP	100.	SP	100.	NA	100.	NA	100.	SP
999900-32-7	Seive Size #10	100.	SP	99.	SP	100.	SP	100.	NA	100.	NA	100.	SP
999900-32-8	Scive Size #20	99.	SP	97.	SP	100.	SP	100.	NA	98.	NA	99.	SP
999900-32-9	Seive Size #40	70.	SP	78.	SP	94.	SP	94.	NA	85.	NA	86.	SP
999900-33-0	Seive Size #60	15.	SP	35.	SP	41.	SP	73.	NA	60.	NA	51.	SP
999900-33-1	Seive Size #100	1.	SP	6.	SP	4.	SP	34.	NA	23.	NA	9.	SP
999900-33-2	Seive Size #200	1.	SP	1.	SP	1.	SP	16.	NA	14.	NA	2.	SP
999900-33-3	Seive Size Pan	0.	SP	0.	SP	0.	SP	0.	NA	0.	NA	0.	SP

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

GRAIN SIZE

SAMPLE ID ------->	042-M-2714-01	042-M-Z735-01	042-M-Z807-01	042-M-Z812-01	042-M-Z821-01	042-M-2906-01
ORIGINAL ID ----->	042MZ71401	042MZ73501	042MZ80701	042MZ81201	042MZ82101	042MZ90601
LAB SAMPLE ID --->	GTX-1022-15	GTX-1022-17	GTX-1022-16	GTX-1022-19	GTX-1022-18	CTX-1022-10
ID FROM REPORT -->	042MZ71401	042MZ73501	042MZ80701	042MZ81201	042MZ82101	042MZ90601
SAMPLE DATE ----->						
DATE ANALYZED --->	04/18/96	04/18/96	04/18/96	04118/96	04/18/96	04/18/96
MATRIX ---------->	Sediment	sediment	sediment	Sediment	Sediment	Sediment
UNITS ---------->	%	%	%	%	%	%

CAS #	Parameter	230201		Z30201		Z30201		230201		230201		230201	
999900-32-5	Seive Size 0.375"	NR		NR		NR		NR		NR		NR	
999900-32-6	Seive Size #4	100.	SP	100.	SP	100.	NA	NR		NR		NR	
999900-32-7	Seive Size #10	100.	SP	100.	SP	100.	NA	100.	NA	100.	SP	100.	NA
999900-32-8	Seive Size #20	100.	SP	99.	SP	99.	NA	99.	NA	100.	SP	98.	NA
999900-32-9	Seive Sire #40	79.	SP	65.	SP	89.	NA	86.	NA	88.	SP	84.	NA
999900-33-0	Seive Size #60	27.	SP	11.	SP	59.	NA	45.	NA	42.	SP	36.	NA
999900-33-1	Seive Size #100	2.	SP	1.	SP	40.	MA	8.	NA	8.	SP	16.	NA
999900-33-2	Seive Size #200	1.	SP	1.	SP	35.	NA	6.	MA	4.	SP	15.	NA
999900-33-3	Seive Size Pan	0.	SP	0.	SP	0.	NA	0.	NA	0.	SP	0.	NA

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-Z501-01		042-M-Z502-01		042-M-Z503-01		042-M-Z504-01		042-M-Z505-01		042-M-Z506-01	
	ORIGINAL ID ----->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	LAB SAMPLE ID --->	951005-11		951005-22		951005-23		951005-12		951005-13		951005-24	
	ID FROM REPORT -->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	SAMPLE DATE ----->	12/04/95		12/05/95		12/05/95		12/04/95		12/04/95		12/05/95	
	DATE EXTRACTED -->	01/16/96		01/16/96		01/16/96		01/16/96		01/16/96		01/16/96	
	DATE ANALYZED --->	01/17/96		01/17/96		01/17/96		01/17/96		01/17/96		01/17/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	Z31001	VAL	Z31001	VAL	Z31001	VAL	Z31001	VAL	Z31001	VAL	Z31001	VAL
7429-90-5	Aluminum (Al)	88.7		52.	U	51.9	U	61.8		614.		65.6	
7440-36-0	Antimony (Sb)	0.69	UR	0.12	UR	0.13	UR	0.13	UR	1.1	UR	0.13	UR
7440-38-2	Arsenic (As)	0.14	U	0.29	U	0.33	U	0.26	U	3.1	U	0.3	U
7440-39-3	Barium (Ba)	0.3	J	0.37	J	0.4	J	0.23	J	5.6	J	0.43	J
7440-41-7	Beryllium (Be)	0.07	U	0.06	U	0.07	U	0.07	U	0.55	U	0.07	U
7440-43-9	Cadmium (Cd)	0.21	U	0.18	U	0.2	U	0.2	U	1.6	U	0.2	U
7440-70-2	Calcium (Ca)	120.	J	75.8	J	119.	J	67.2	J	6670.		98.6	J
7440-47-3	Chromium (Cr)	0.8	J	0.51	J	0.53	UJ	0.73	J	4.4	UJ	0.52	UJ
7440-48-4	Cobalt (Co)	0.21	U	0.18	U	0.2	U	0.2	U	1.6	U	0.2	U
7440-50-8	Copper (Cu)	0.47	J	0.4	J	0.27	J	0.27	UJ	3.3	J	4.5	J
57-12-5	Cyanide (CN)	0.62	U	0.58	U	0.59	U	0.61	U	5.2	U	0.58	U
7439-09-6	Iron (Fe)	113.		68.2		56.6		68.5		654.		59.3	
7439-92-1	Lead (Pb)	0.83	U	0.67	U	0.23	U	0.27	U	2.		1.6	
7439-95-4	Magnesium (Mg)	134.	J	161.	J	185.	J	111.	J	1500.	J	191.	J
7439-96-5	Manganese (Mn)	1.7		0.73	J	0.45	J	0.49	J	14.5		0.5	J
7439-97-6	Mercury (Hg)	0.07	U	0.06	U	0.05	U	0.05	U	0.5	U	0.05	U
7440-02-0	Nickel (Ni)	0.83	U	0.72	U	0.79	U	0.81	U	6.6	U	0.79	U
7440-09-7	Potassium (K)	48.8	J	55.9	J	88.8	J	37.9	J	610.	J	82.5	J
7782-49-2	Selenium (Se)	0.21	U	0.18	U	0.26	U	0.24	U	1.6	U	0.33	U
7440-22-4	Silver (Ag)	0.37	U	0.24	U	0.26	U	0.37	U	3.6	J	0.26	U
7440-23-5	Sodium (Na)	866.		1130.		1320.		714.		9860.		1380.	
7440-28-0	Thallium (Tl)	0.21	UJ	0.18	UJ	0.2	UJ	0.2	UJ	1.6	UJ	0.2	UJ
7440-62-2	Vanadium (V)	0.42	J	0.2	J	0.18	J	0.27	J	2.5	J	0.23	J
7440-66-6	Zinc (Zn)	1.1	U	1.6	U	0.82	U	0.71	U	9.1	J	0.71	U

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID -------:	042-M-2507-01		042-M-2508-01		042-M-2509-01		042-M-Z510-01		042-M-Z511-01		042-M-Z512-01	
	ORIGINAL ID -----:	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	LAB SAMPLE ID ---:	960093-09		960010-01		960010-02		960010-03		960010-04		960010-05	
	ID FROM REPORT --:	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	SAMPLE DATE -----:	02/06/96		01/10/96		01/10/96		01/10/96		01/10/96		01/10/96	
	DATE EXTRACTED --:	02/14/96		01/13/96		01/13/96		01/13/96		01/13/96		01/13/96	
	DATE ANALYZED ---:	02/14/96		01/15/96		01/15/96		01/15/96		01/15/96		01/15/96	
	MATRIX ----------:	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ----------:	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	MZ1010	VAL	250801	VAL	250801	VAL	Z50801	VAL	250801	VAL	250801	VAL
7429-90-5	Aluninun (Al)	63.		78.8		94.4		68.7		61.8		113.	
7440-36-0	Antimony (Sb)	0.12	UR	0.13	UJ	0.14	UJ	0.14	UJ	0.13	UJ	0.14	UJ
7440-38-2	Arsenic (As)	0.24	J	0.13	U	0.22	J	0.14	U	0.13	U	0.14	U
7440-39-3	Barium (Ba)	0.33	J	0.23	J	0.36	J	0.28	J	0.32	J	0.42	J
7440-41-7	Beryllium (Be)	0.06	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.12	U	0.2	U	0.21	U	0.21	U	0.2	U	0.21	U
7440-70-2	Calcium (Ca)	77.7	J	81.2	J	105.	J	84.7	J	81.8	J	134.	J
7440-47-3	Chromium (Cr)	0.46	J	0.54	U	0.55	U	0.56	U	0.53	U	0.56	U
7440-48-4	cobalt (Co)	0.12	U	0.2	U	0.21	U	0.21	U	0.2	U	0.21	U
7440-50-8	Copper (Cu)	0.24	U	0.27	U	0.38	J	0.28	U	0.26	U	0.34	J
57-12-5	Cyanide (CN)	0.63	U	0.65	U	0.65	U	0.69	U	0.65	U	0.66	U
7439-89-6	Iron (Fe)	130.		81.		81.9		52.3		47.5		68.1	
7439-92-1	Lead (Pb)	0.38		0.38	U	0.28	U	0.24	U	0.31	U	0.38	U
7439-95-4	Magnesium (Mg)	184.	J	195.	J	229.	J	198.	J	185.	J	228.	J
7439-96-5	Manganese (Mn)	1.3		0.67	J	0.64	J	0.35	J	0.39	J	0.63	J
7439-97-6	Hercury (Hg)	0.05	U	0.05	U	0.06	U	0.06	U	0.06	U	0.07	U
7440-02-0	Nickel (Ni)	0.54	U	0.81	U	0.82	U	0.84	U	0.79	U	0.84	U
7440-09-7	Potassium (K)	79.1	J	58.2	J	72.9	J	64.	J	55.	J	68.2	J
7782-49-2	Seleniun (Se)	0.24	U	0.2	UJ	0.21	UJ	0.21	UJ	0.2	UJ	0.21	UJ
7440-22-4	Silver (Ag)	0.3	U	0.27	U	0.27	U	0.28	U	0.26	U	0.28	U
7440-23-5	Sodium (Na)	1340.		1430.		1660.		1480.		1370.		1610.	
7440-28-0	Thallium (Tl)	0.24	U	0.75		0.21	U	0.21	U	0.2	U	0.21	U
7440-62-2	Vanadium (V)	0.23	J	0.32	J	0.32	J	0.2	J	0.36	J	0.52	J
7440-66-6	Zinc (Zn)	0.61	U	0.76	U	0.83	U	0.98	U	0.58	U	0.66	U

+*+ Validation Complete +++

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-H-2513-01		042-M-Z514-01		042-M-Z515-01		042-M-Z516-01		042-M-Z517-01		042-M-Z518-01	
	ORIGINAL ID ----->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	LAB SAMPLE ID --->	960010-06		960010-07		951029-09		960093-10		951029-10		951029-11	
	ID FROM REPORT -->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	SAMPLE DATE ----->	01/10/96		01/10/96		12/11/95		02/06/96		12/11/95		12/11/95	
	DATE EXTRACTED -->	01/13/96		01/13/96		01/03/96		02/16/96		01/03/96		01/03/96	
	DATE ANALYZED --->	01/15/96		01/15/96		01/03/96		02/16/96		01/03/96		01/03/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	250801	VAL	Z50801	VAL	EW0010	VAL	MZ1010	VAL	EW0010	VAL	EW0010	VAL
7429-90-5	Aluminum (Al)	68.7		173.		294.		42.1		83.4		204.	
7440-36-0	Antimony (Sb)	0.15	UJ	0.15	UJ	0.65	UR	0.13	UR	0.65	UR	0.67	UR
7440-38-2	Arsenic (As)	0.15	U	0.15	U	0.13	U	0.27	J	0.13	U	0.24	J
7440-39-3	Barium (Be)	0.33	J	0.62	J	0.61	U	0.36	J	0.25	U	1.	J
7440-41-7	Beryllium (Be)	0.08	U	0.07	U	0.07	U	0.06	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.23	U	0.22	U	0.2	U	0.13	U	0.2	U	0.2	U
7440-70-2	Calcium (Ca)	96.6	J	313.	J	228.	J	107.	J	91.1	J	7170.	
7440-47-3	Chromium (Cr)	0.6	U	0.58	U	1.5		0.47	J	0.52	U	1.1	
7440-48-4	Cobalt (Co)	0.23	U	0.22	U	0.2	U	0.15	J	0.2	U	0.2	U
7440-50-8	Copper (Cu)	0.3	U	0.37	J	0.92	J	0.51	J	0.35	J	4.	
57-12-5	Cyanide (CN)	0.68	U	0.67	U	0.62	U	0.61	U	0.62	U	0.62	U
7439-89-6	Iron (Fe)	45.9		134.		265.		70.2		45.8	U	179.	
7439-92-1	lead (Pb)	0.29	U	0.74		1.6		0.2		0.38	U	1.6	
7439-95-4	Magnesium (Mg)	195.	J	204.	J	221.	J	182.	J	198.	J	258.	J
7439-96-5	Manganese (Mn)	0.54	J	0.46	J	1.2		0.51	J	0.27	J	1.8	
7439-97-6	Mercury (Hg)	0.06	U	0.06	U	0.05	U	0.05	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	0.91	U	0.87	U	0.78	U	0.58	U	0.78	U	0.8	U
7440-09-7	Potassium (K)	58.	J	62.8	J	89.3	J	83.3	J	69.7	J	86.1	J
7782-49-2	Selenium (Se)	0.23	UJ	0.22	UJ	0.2	U	0.26	U	0.2	U	0.2	U
7440-22-4	Silver (Ag)	0.3	U	0.29	U	0.26	U	0.32	U	0.26	U	0.27	U
7440-23-5	Sodium (Na)	1440.		1470.		1390.		1340.		1530.		1670.	
7440-28-0	Thallium (Tl)	0.23	U	0.22	U	0.2	U	0.26	U	0.2	U	0.2	U
7440-62-2	Vanadium (V)	0.3	J	0.63	J	0.78	J	0.13	U	0.24	J	0.44	J
7440-66-6	Zinc (Zn)	0.57	U	0.99	U	1.5		0.3	U	0.59	J	1.7	

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary s unples

METAL															
	SAMPLE ID ------->	042-M-Z519-01		042-M-Z520-01		042-M-2521-01		042-M-Z522-01		042-W-2523-01		042-M-Z524-01	
	ORIGINAL ID ----->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	LAB SAMPLE ID --->	951029-12		951029-13		951021-12		951021-13		951021-14		960093-11	
	ID FROM REPORT -->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	SAMPLE DATE ----->	12/11/95		12/11/95		12/07/95		12/07/95		12/07/95		02/06/96	
	DATE EXTRACTED -->	01/03/96		01/03/96		01/16/96		01/16/96		01/16/96		02/16/96	
	DATE ANALYZED --->	01/03/96		01/03/96		01/18/96		01/18/96		01/18/96		02/16/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL	MZ1010	VAL
7429-90-5	Aluminum (Al)	306.		117.		239.		113.		223.		69.7	
7440-36-0	Antimony (Sb)	0.13	UR	0.65	UR	0.21	UJ	0.25	UJ	0.17	UJ	1.2	UR
7440-38-2	Arsenic (As)	0.13	U	0.13	U	0.13	U	0.12	J	0.28	J	0.12	U
7440-39-3	Barium (Ba)	0.65	U	0.33	U	0.74	J	0.24	J	0.55	J	0.82	J
7440-41-7	Beryllium (Be)	0.07	U	0.07	U	0.06	U	0.06	U	0.06	U	0.06	U
7440-43-9	Cadmium (Cd)	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.12	U
7440-70-2	Calcium (Ca)	609.		390.		9530.	J	84.3	J	4340.	J	13100.	
7440-47-3	Chromium (Cr)	1.2		0.52	U	0.94	J	0.72	J	0.68	J	0.39	J
7440-48-4	Cobalt (Co)	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.12	U
7440-50-8	Copper (Cu)	1.4	J	0.26	U	1.4	J	1.4	J	0.53	J	0.24	U
57-12-5	Cyanide (CN)	0.59	U	0.61	U	0.6	U	0.62	U	0.6	U	0.59	U
7439-89-6	Iron (Fe)	234.		76.3	U	175.		55.6		160.		143.	
7439-92-1	Lead (Pb)	1.4		0.47	U	0.73		0.27		0.74		0.45	
7439-95-4	Magnesium (Mg)	193.	J	202.	J	221.	J	181.	J	212.	J	211.	J
7439-96-5	Manganese (Mn)	1.6		0.48	J	1.8		0.48	J	1.6		1.3	
7439-97-6	Mercury (Hg)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.06	U
7440-02-0	Nickel (Ni)	0.78	U	0.78	U	0.76	U	0.71	U	0.75	U	0.54	U
7440-09-7	Potassium (K)	70.6	J	81.8	J	77.9	J	75.4	J	79.7	J	41.8	J
7782-49-2	Selenium (Se)	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.24	U
7440-22-4	silver (Ag)	0.26	U	0.26	U	14.8		0.24	UJ	0.25	UJ	0.3	U
7440-23-5	Sodium (Na)	1320.		1500.		1440.		1290.		1280.		1020.	
7440-28-0	Thallium (Tl)	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.24	U
7440-62-2	Vanadium (V)	0.62	J	0.21	J	0.66	J	0.39	J	0.52	J	0.12	U
7440-66-6	Zinc (Zn)	1.8		0.67	J	0.9	J	0.65	J	0.87	J	1.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL																		
	SAMPLE ID ------->	042-M-2525-01		042-M-2526-01		042-M-2527-01		042-M-2528-01		042-M-2529-01		042-H-2530-01	
	ORIGINAL ID ----->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	LAB SAMPLE ID --->	951005-14		951021-15		951005-15		951021-16		951021-17		951021-18	
	ID FROM REPORT -->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	SAMPLE DATE ----->	12/04/95		12/07/95		12/04/95		12/07/95		12/07/95		12/07/95	
	DATE EXTRACTED -->	01/16/96		01/16/96		01/16/96		01/16/96		01/16/96		01/16/96	
	DATE ANALYZED --->	01/17/96		01/18/96		01/17/96		01/18/96		01/18/96		01/18/96	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	Z31001	VAL	EM0050	VAL	Z31001	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL
7429-90-5	Aluminum (Al)	82.1		133.		68.1		62.3		110.		97.1	
7440-36-0	Antimony (Sb)	0.13	UR	0.12	UJ	0.13	UR	0.12	UJ	0.13	UJ	0.22	UJ
7440-38-2	Arsenic (As)	0.16	U	0.21	J	0.27	U	0.12	U	0.12	U	0.34	J
7440-39-3	Barium (Ba)	0.38	J	0.61	J	0.34	J	0.28	J	0.56	J	0.58	J
7440-41-7	Beryllium (Be)	0.07	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U
7440-43-9	Cadmium (Cd)	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U	0.19	U
7440-70-2	Calcium (Ca)	132.	J	5480.	J	84.5	J	112.	J	3650.	J	3460.	J
7440-47-3	Chromium (Cr)	0.59	J	1.1	J	0.62	J	0.49	UJ	0.64	J	0.5	UJ
7440-48-4	Cobalt (Co)	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U	0.19	U
7440-50-8	Copper (Cu)	0.43	J	0.86	J	0.3	J	0.44	J	0.37	J	0.26	J
57-12-5	Cyanide (CN)	0.62	U	0.59	U	0.64	U	0.61	U	0.61	U	0.61	U
7439-89-6	Iron (Fe)	83.3		126.		71.4		62.2		129.		133.	
7439-92-1	Lead (Pb)	0.24	U	0.69		0.4	U	0.15		0.47		0.31	
7439-95-4	Magnesium (Mg)	158.	J	263.	J	176.	J	241.	J	244.	J	320.	
7439-96-5	Manganese (Mn)	0.81	J	1.4		1.3		0.51	J	1.		1.1	
7439-97-6	Mercury (Hg)	0.05	U	0.05	U	0.06	U	0.05	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	0.8	U	0.73	U	0.77	U	0.73	U	0.73	U	0.75	U
7440-09-7	Potassium (K)	65.	J	93.4	J	63.	J	98.	J	81.6	J	110.	J
7782-49-2	Selenium (Se)	0.2	U	0.18	U	0.29	U	0.18	U	0.18	U	0.19	U
7440-22-4	Silver (Ag)	0.37	U	0.24	UJ	0.26	U	0.24	UJ	0.24	UJ	0.25	UJ
7440-23-5	Sodium (Na)	1040.		1730.		1210.		1730.		1620.		2070.	
7440-28-0	Thallium (Tl)	0.2	UJ	0.18	U	0.19	UJ	0.18	U	0.18	U	0.19	U
7440-62-2	Vanadium (V)	0.43	J	0.38	J	0.26	J	0.26	J	0.35	J	0.24	J
7440-66-6	Zinc (Zn)	0.68	U	1.2		0.88	U	0.51	J	0.79	J	0.77	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-2531-01		042-M-2532-01		042-11-2533-01		042-M-2534-01		042-M-Z535-01		042-M-Z536-01	
	ORIGINAL ID ----->	040MZ53101		040MZ53201		040MZ53301		04011253401		040MZ53501		040MZ53601	
	LAB SAMPLE ID --->	951005-16		951021-19		950983-01		950983-02		950983-03		950983-04	
	ID FROM REPORT -->	040MZ53101		040MZ53201		040MZ53301		04011253401		040MZ53501		040MZ53601	
	SAMPLE DATE ----->	12/04/95		12/07/95		11/28/95		11/28/95		11/28/95		11/28/95	
	DATE EXTRACTED -->	01/16/96		01/16/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/17/96		01/18/96		01/05/96		01/05/96		01/05/96		01/05/96	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	Z31001	VAL	EM0050	VAL	253301	VAL	253301	VAL	253301	VAL	253301	VAL
7429-90-5	Aluminum (Al)	84.3		87.3		65.		55.3		58.8		88.4	
7440-36-0	Antimony (Sb)	0.14	UR	0.24	UJ	0.67	UJ	0.13	UJ	0.14	UJ	0.13	UJ
7440-38-2	Arsenic (As)	0.29	U	0.13	U	0.18	J	0.13	U	0.14	U	0.22	J
7440-39-3	Barium (Be)	0.42	J	0.41	J	0.38	J	0.28	J	0.24	J	2.4	J
7440-41-7	Beryllium (Be)	0.07	U	0.06	U	0.07	U	0.06	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.21	U	0.19	U	0.2	U	0.19	U	0.21	U	0.2	U
7440-70-2	Celciun (Ca)	91.5	J	1040.	J	3030.	J	1770.	J	1970.	J	23700.	J
7440-47-3	Chromium (Cr)	0.84	J	0.69	J	0.54	J	0.57	J	0.66	J	1.	
7440-48-4	Cobalt (Co)	0.21	U	0.19	U	0.2	U	0.19	U	0.21	U	0.2	U
7440-50-8	Copper (Cu)	0.29	J	0.51	J	0.27	U	0.26	U	0.44	J	0.27	U
57-12-5	Cyanide (CN)	0.64	U	0.59	U	0.64	U	0.62	U	0.65	U	0.62	U
7439-89-6	Iron (Fe)	155.		150.		168.		130.		141.		236.	
7439-92-1	Lead (Pb)	0.55	U	0.63		0.82		0.4	U	0.41	U	0.47	U
7439-95-4	Magnesium (Mg)	181.	J	247.	J	195.	J	188.	J	248.	J	266.	J
7439-96-5	Manganese (Mn)	5.1		2.3		1.9		2.		1.	J	4.6	
7439-97-6	Mercury (Hg)	0.06	U	0.05	U	0.06	U	0.05	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	0.85	U	0.76	U	0.8	U	0.77	U	0.82	U	0.8	U
7440-09-7	Potessiun (K)	57.4	J	89.7	J	50.7	J	53.	J	72.7	J	36.	J
7782-49-2	Selenium (Se)	0.21	U	0.19	U	0.2	U	0.19	U	0.21	U	0.2	U
7440-22-4	Silver (Ag)	0.28	U	0.25	UJ	0.27	UJ	0.26	UJ	0.27	UJ	0.27	U
7440-23-5	Sodium (Na)	1010.		1550.		1240.		1130.		1630.		802.	
7440-28-0	Thallium (Tl)	0.21	UJ	0.19	U	0.51	J	0.19	UJ	0.21	UJ	0.2	UJ
7440-62-2	Vanadiun (V)	0.58	J	0.36	J	0.13	U	0.3	J	0.28	J	0.44	J
7440-66-6	Zinc (Zn)	1.2	U	1.	J	0.48	J	0.34	J	0.21	UJ	2.	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL															
	SAMPLE ID ------->	042-M-Z537-01		042-M-Z538-01		042-M-2539-01		142-M-2540-01		042-M-2541-01		042-M-2542-01	
	ORIGINAL ID ----->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	LAB SAMPLE ID --->	950983-05		950983-06		950930-12		960093-12		950930-13		950930-14	
	ID FROM REPORT -->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	SAMPLE DATE ----->	11/28/95		11/28/95		11/14/95		32/06/96		11/14/95		11/14/95	
	DATE EXTRACTED -->	01/05/96		31/05/96		12/17/95		02/16/96		12/17/95		12/17/95	
	DATE ANALYZED --->	01/05/96		01/05/96		12/20/95		02/16/96		12/20/95		12/20/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment				Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	253301	VAL	253301	VAL	241901	VAL	MZ1010	VAL	Z41901	VAL	241901	VAL
7429-90-5	Aluminum (Al)	60.8		372.		117.		49.6		150.		117.	
7440-36-0	Antimony (Sb)	0.13	UJ	0.7	UJ	0.12	UR	0.13	UR	0.13	UR	0.13	UR
7440-38-2	Arsenic (As)	0.13	U	0.67	J	0.28	J	0.13	U	0.26	J	0.34	J
7440-39-3	Barium (Ba)	0.41	J	1.4	J	0.42	J	0.18	J	0.43	J	0.49	J
7440-41-7	Beryllium (Be)	0.06	U	0.07	U	0.06	U	0.06	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.19	U	0.21	U	0.18	U	0.13	U	0.19	U	0.2	U
7440-70-2	Calcium (Ca)	3660.	J	9730.	J	721.	J	784.		475.	J	470.	J
7440-47-3	Chromium (Cr)	0.79		2.2		0.49	U	0.45	J	0.52	U	0.53	U
7440-48-4	Cobalt (Co)	0.19	U	0.21	U	0.18	U	0.13	U	0.19	U	0.2	U
7440-50-8	Copper (Cu)	0.45	J	1.5	J	0.59	J	0.25	U	0.74	J	0.54	J
57-12-5	Cyanide (CN)	0.63	U	0.66	U	0.61	U	0.59	U	0.62	U	0.6	U
7439-89-6	Iron (Fe)	119.		587.		213.		101.		226.		151.	
7439-92-1	Lead (Pb)	0.45	U	2.7		0.44	U	0.71		0.69	U	0.47	U
7439-95-4	Magnesium (Mg)	196.	J	343.	J	166.	J	160.	J	143.	J	135.	J
7439-96-5	Manganese (Mn)	1.	J	6.		3.6		0.6	J	6.6		2.8	
7439-97-6	Mercury (Hg)	0.06	U	0.06	U	0.05	U	0.06	U	0.06	U	0.06	U
7440-02-0	Nickel (Ni)	0.77	U	0.96	J	0.73	U	0.57	U	0.78	U	0.8	U
7440-09-7	Potassium (K)	56.6	J	105.	J	58.1	J	49.	J	57.	J	51.6	J
7782-49-2	Seleniun (Se)	0.19	U	0.21	U	0.18	U	0.25	U	0.19	U	0.2	U
7440-22-4	Silver (Ag)	0.26	UJ	0.28	UJ	0.24	UJ	0.31	U	0.26	UJ	0.26	UJ
7440-23-5	Sodium (Na)	1250.		1730.		982.		1100.		796.		815.	
7440-28-0	Thallium (Tl)	0.19	UJ	0.21	UJ	0.18	UJ	0.25	U	0.19	UJ	0.2	UJ
7440-62-2	Vanadium (V)	0.33	J	0.97	J	0.49	J	0.13	U	0.62	J	0.43	J
7440-66-6	Zinc (Zn)	0.54	J	3.6	J	1.2	U	0.72	U	1.2	U	1.1	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-2543-01		042-M-2544-01		042-M-2545-01		042-M-2601-01		042-M-2602-01		042-M-2603-01	
	ORIGINAL ID ----->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	LAB SAMPLE ID --->	950930-15		950930-16		950930-17		950930-18		960084-01		950930-19	
	ID FROM REPORT -->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/14/95		01/31/96		11/14/95	
	DATE EXTRACTED -->	12/17/95		12/17/95		12/17/95		12/17/95		02/12/96		12/17/95	
	DATE ANALYZED --->	12/20/95		12/20/95		12/20/95		12/20/95		02/13/96		12f20f95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL	241901	VAL	MZ6020	VAL	241901	VAL
7429-90-5	Aluninun (Al)	13600.		109.		113.		13900.		8160.		11000.	
7440-36-0	Antimony (Sb)	0.37	UR	0.13	UR	0.13	UR	0.5	UR	0.45	J	0.41	UR
7440-38-2	Arsenic (As)	16.3		0.24	J	0.38	J	19.6		8.8		17.3	
7440-39-3	Barium (Ba)	17.5	J	0.26	J	0.26	J	19.2	J	14.3	J	20.	J
7440-41-7	Beryllium (Be)	0.9	J	0.07	U	0.07	U	1.1	J	0.5	J	0.83	J
7440-43-9	Cadmium (Cd)	0.62	J	0.2	U	0.2	U	0.75	U	0.46	J	0.61	U
7440-70-2	Calcium (Ca)	29800.	J	200.	J	377.	J	27500.	J	47400.	J	39200.	J
7440-47-3	Chromium (Cr)	35.3		0.54	U	0.75		38.7		19.9		35.9	
7440-48-4	Cobalt (Co)	3.1	J	0.2	U	0.2	U	3.4	J	2.	J	2.7	J
7440-50-8	copper (Cu)	12.2		0.59	J	0.47	J	14.2		5.		30.4	
57-12-5	Cyanide (CN)	1.8	U	0.62	U	0.6	U	2.3	U	1.	U	2.	U
7439-89-6	Iron (Fe)	21400.		143.		171.		24100.		13500.		19700.	
7439-92-1	Lead (Pb)	20.6	J	0.41	U	0.41	U	23.6	J	7.6		43.9	J
7439-95-4	Magnesium (Mg)	8560.		151.	J	175.	J	10600.		6430.		8560.	
7439-96-5	Manganese (Mn)	351.		7.3		11.4		656.		149.		677.	
7439-97-6	Mercury (Hg)	0.17	J	0.06	U	0.05	U	0.64		0.09	U	0.2	U
7440-02-0	Nickel (Ni)	8.1		0.81	U	0.81	U	9.4	J	5.8		8.5	
7440-09-7	Potassium (K)	2470.		57.7	J	62.2	J	3500.		1610.		2540.	
7782-49-2	Selenium (Se)	0.93		0.2	U	0.2	U	0.77	J	0.42	UJ	0.82	J
7440-22-4	Silver (Ag)	0.74	UJ	0.27	UJ	0.27	UJ	1.	UJ	0.53	UJ	0.81	UJ
7440-23-5	Sodium (Na)	24600.		1020.		1150.		36800.		12600.		28600.	
7440-28-0	Thallium (Tl)	0.79	J	0.2	UJ	0.2	UJ	1.3	J	0.42	UJ	1.1	J
7440-62-2	Vanadium (V)	29.7		0.45	J	0.44	J	33.5		18.		29.6	
7440-66-6	Zinc (Zn)	49.2		0.9	U	1.1	U	54.9		20.1		60.9	

*** Validation Complete ***

DATALCP3
05/19/97

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-Z604-01		042-M-2605-01		042-M-2606-01		042-M-2607-01		042-M-2608-01		042-M-Z609-01	
	ORIGINAL ID ----->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	LAB SAMPLE ID --->	950922-10		950922-11		950922-12		950922-13		950922-14		950922-15	
	ID FROM REPORT -->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	SAMPLE DATE ----->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE EXTRACTED -->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
	DATE ANALYZED --->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		sediment		Sediment	
	UNITS --------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL
7429-90-5	Aluminum (Al)	907.		3570.		807.		270.		170.		286.	
7440-36-0	Antimony (Sb)	0.72	UR	0.13	UR	0.73	UR	0.68	UR	0.14	UR	0.77	UR
7440-38-2	Arsenic (As)	0.24	J	4.2		1.2		0.15	J	0.14	U	0.21	J
7440-39-3	Barium (Ba)	4.8	J	6.	J	1.9	J	0.5	J	0.61	J	99.3	
7440-41-7	Beryllium (Be)	0.21	J	0.3	J	0.07	U	0.07	U	0.07	U	0.08	U
7440-43-9	Cadmium (Cd)	0.22	U	0.2	U	0.22	U	0.2	U	0.21	U	0.23	U
7440-70-2	Calcium (Ca)	2180.		13700.		8650.		473.		144.	J	1230.	
7440-47-3	Chromium (Cr)	0.98		11.2		2.3		1.		0.84		1.	
7440-48-4	Cobalt (Co)	0.22	U	0.94	J	0.22	U	0.2	U	0.21	U	0.23	U
7440-50-8	Copper (Cu)	1.6	J	4.7	J	1.2	J	0.55	J	0.44	J	0.49	J
57-12-5	Cyanide (CN)	0.65	U	0.63	U	0.7	U	0.61	U	0.66	U	0.7	U
7439-89-6	Iron (Fe)	422.		7470.		1560.		369.		196.		521.	
7439-92-1	Lead (Pb)	1.3		7.1		1.6		0.7		1.3		1.1	
7439-95-4	Magnesium (Mg)	521.		2890.		811.		298.	J	252.	J	409.	
7439-96-5	Manganese (Mn)	24.9	J	87.	J	32.5	J	5.6	J	1.4	J	7.1	J
7439-97-6	Mercury (Hg)	0.06	UJ	0.06	UJ	0.06	UJ	0.05	UJ	0.05	UJ	0.06	UJ
7440-02-0	Nickel (Ni)	0.86	U	2.6	J	0.88	U	0.81	U	0.83	U	0.92	U
7440-09-7	Potassium (K)	314.	J	836.		241.	J	109.	J	89.	J	153.	J
7782-49-2	Selenium (Se)	0.22	U	0.22	J	0.22	U	0.2	U	0.21	U	0.23	U
7440-22-4	silver (Ag)	0.29	U	0.27	U	0.29	U	0.27	U	0.28	U	0.31	U
7440-23-5	Sodium (Na)	1650.		7050.		2950.		1630.		1550.		2290.	
7440-28-0	Thallium (Tl)	0.22	U	0.2	U	0.22	U	0.2	U	0.21	U	6.23	U
7440-62-2	Vanadium (V)	1.1	J	10.5		2.5	J	0.87	J	0.47	J	0.94	J
7440-66-6	Zinc (Zn)	4.4	J	17.	J	4.5	J	1.8	J	1.4	J	2.1	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
		SAMPLE ID ------->	042-M-2610-01		342-M-2611-01		042-M-2612-01		042-M-2613-01		042-M-2614-01		042-M-2615-01	
		ORIGINAL ID ----->	040MZ61001		040MZ61101		040MZ61201		040MZ61301		040MZ61401		040MZ61501	
		LAB SAMPLE ID --->	950922-16		950922-01		950922-02		950922-03		950922-04		950922-05	
		ID FROM REPORT -->	040MZ61001		04MZ61101		04MZ61201		04MZ61301		04MZ61401		04MZ61501	
		SAMPLE DATE ----->	11/09/95		11/08/95		11/08/95		11/08/95		11/08/95		11/08/95	
		DATE EXTRACTED -->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
		DATE ANALYZED --->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
		MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		261101	VAL	261101	VAL	Z61101	VAL	261101	VAL	261101	VAL	Z61101	VAL
7429-90-5	Aluminum (Al)		219.		206.		683.		4500.		348.		264.	
7440-36-0	Antimony (Sb)		0.65	UR	0.13	UR	0.16	UR	0.21	UR	0.75	UR	0.65	UR
7440-38-2	Arsenic (As)		0.13	U	0.16	J	0.92		3.9		0.3	J	0.15	J
7440-39-3	Barium (Ba)		0.44	J	0.5	J	1.3	J	6.4	J	0.65	J	0.64	J
7440-41-7	Beryllium (Be)		0.07	U	0.06	U	0.08	U	0.31	J	0.08	U	0.07	U
7440-43-9	Cadmium (Cd)		0.2	U	0.19	U	0.23	U	0.32	U	0.23	U	0.2	U
7440-70-2	Calcium (Ca)		1140.		727.		3890.		15200.		2010.		506.	
7440-47-3	Chromium (Cr)		0.69		0.61	J	2.		11.7		1.5		0.97	
7440-48-4	Cobalt (Co)		0.2	U	0.19	U	0.23	U	1.2	J	0.23	U	0.2	U
7440-50-8	Copper (Cu)		0.52	J	0.38	J	0.83	J	4.5	J	0.61	J	0.44	J
57-12-5	Cyanide (CN)		0.62	U	0.62	U	0.72	U	1.	U	0.74	U	0.61	U
7439-89-6	Iron (Fe)		204.		341.		1210.		7030.		668.		354.	
7439-92-1	Lead (Pb)		1.1		0.77		2.		7.9		1.6		0.8	
7439-95-4	Magnesium (Mg)		283.	J	263.	J	633.		3010.		472.		350.	
7439-96-5	Manganese (Mn)		2.2	J	11.4	J	24.7	J	77.2	J	8.8	J	8.6	J
7439-97-6	Mercury (Hg)		0.05	UJ	0.14	J	0.06	UJ	0.09	UJ	0.06	UJ	0.05	UJ
7440-02-0	Nickel (Ni)		0.78	U	0.77	U	0.94	U	1.8	J	0.9	U	0.78	U
7440-09-7	Potassiun (K)		84.1	J	96.8	J	196.	J	1000.		155.	J	99.1	J
7782-49-2	Seleniun (Se)		0.2	U	0.19	U	0.23	U	0.4	J	0.23	U	0.2	U
7440-22-4	SiLver (Ag)		0.26	U	0.26	U	0.31	U	0.43	U	0.3	U	0.26	U
7440-23-5	Sodium (Na)		1350.		1460.		2500.		9000.		2380.		1610.	
7440-28-0	Thallium (Tl)		0.2	U	0.45	J	0.23	U	0.32	U	0.23	U	0.2	U
7440-62-2	Vanadiun (V)		0.57	J	0.79	J	2.5	J	11.4		1.3	J	0.83	J
7440-66-6	Zinc (Zn)		1.7	J	1.2	J	3.4	J	16.8	J	2.5	J	1.7	J

*** Validation Complete ***

METAL													
	SAMPLE ID ------->	042-M-2616-01		042-M-2617-01		042-M-2618-01		042-M-2619-01		042-M-2620-01		042-M-2621-01	
	ORIGINAL ID ----->	040MZ61601		040MZ61701		040MZ61801		040MZ61901		040MZ62001		040MZ62101	
	LAB SAMPLE ID --->	950922-06		950922-07		950922-08		960084-02		950899-14		950899-15	
	ID FROM REPORT -->	04MZ61601		04MZ61701		04MZ61801		040MZ61901		040MZ62001		040MZ62101	
	SAMPLE DATE ----->	11/08/95		11/08/95		11/08/95		01/31/96		11/06/95		11/06/95	
	DATE EXTRACTED -->	12/05/95		12/05/95		12/05/95		02/12/96		12/04/95		12/04/95	
	DATE ANALYZED --->	12/05/95		12/05/95		12/05/95		02/13/96		12/05/95		12/05/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	MZ6020	VAL	040EM0	VAL	040EM0	VAL
7429-90-5	Aluminum (Al)	11900.		83.3		3250.		3740.		691.		86.9	
7440-36-0	Antimony (Sb)	0.39	UR	0.13	UR	0.98	UR	0.21	J	0.15	UR	0.12	UR
7440-38-2	Arsenic (As)	12.		0.13	U	4.5		4.1		1.		0.21	J
7440-39-3	Bariun (Be)	18.5	J	0.23	J	4.9	J	5.8	J	1.7	J	0.28	J
7440-41-7	Beryllium (Be)	0.98		0.06	U	0.26	J	0.24	J	0.07	U	0.06	U
7440-43-9	Cadmium (Cd)	0.58	U	0.19	U	0.32	J	0.21	J	0.22	U	0.18	U
7440-70-2	Calcium (Ca)	37700.		402.		13500.		11900.	J	6090.		133.	J
7440-47-3	Chromium (Cr)	34.9		0.51	U	10.1		9.4		1.7		0.48	U
7440-48-4	Cobalt (Co)	3.3	J	0.19	U	0.96	J	1.1	U	0.22	U	0.18	U
7440-50-8	Copper (Cu)	13.6	J	0.4	J	4.4	J	4.		0.71	J	2.1	
57-12-5	Cyanide (CN)	1.9	U	0.62	U	0.9	U	0.78	U	0.77	U	0.63	U
7439-89-6	Iron (Fe)	21900.		145.		5870.		5590.		1140.		105.	
7439-92-1	Lead (Pb)	19.3		0.86		6.6		6.3		1.7		0.44	
7439-95-4	Magnesium (Mg)	8670.		220.	J	2250.		2250.		766.		223.	J
7439-96-5	Manganese (Mn)	300.	J	3.3	J	68.9	J	78.2		19.8		0.93	J
7439-97-6	Mercury (Hg)	0.16	UJ	0.05	UJ	0.09	UJ	0.07	U	0.07	U	0.08	J
7440-02-0	Nickel (Ni)	6.3	J	0.77	U	3.1	J	3.1	J	0.88	U	0.72	U
7440-09-7	Potassium (K)	2770.		81.1	U	728.		764.		233.	J	76.6	J
7782-49-2	Seleniun (Se)	1.		0.19	U	0.29	U	0.34	J	0.22	U	0.18	U
7440-22-4	Silver (Ag)	0.78	U	0.26	U	0.39	U	0.41	UJ	0.29	U	0.24	U
7440-23-5	Sodium (Na)	23100.		1450.		6340.		7310.		3530.		1600.	
7440-28-0	Thallium (Tl)	0.58	U	0.19	U	0.29	U	0.33	UJ	0.22	U	0.18	U
7440-62-2	Vanadium (V)	37.4		0.35	J	11.		9.4		2.2	J	0.28	J
7440-66-6	Zinc (Zn)	48.7	J	0.78	J	18.4	J	23.2		3.5	J	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-Z622-01		042-M-Z623-01		042-M-2701-01		042-M-2702-01		042-M-Z703-01		042-M-2704-01	
	ORIGINAL ID ----->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	LAB SAMPLE ID --->	950899-16		950899-17		950899-18		950899-19		950899-20		950899-21	
	ID FROM REPORT -->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	SAMPLE DATE ----->	11/06/95		11/06/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE EXTRACTED -->	12/04/95		12/04/95		12/04/95		12/04/95		12/04/95		12/04/95	
	DATE ANALYZED --->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
7429-90-5	Aluminum (Al)	789.		55.1		39.4		27.4		41.1		76.	
7440-36-0	Antimony (Sb)	0.16	UR	0.13	UR	0.13	UR	0.11	UR	0.13	UR	0.12	UR
7440-38-2	Arsenic (As)	1.3		0.15	J	0.21	J	0.24	J	0.26	J	0.19	J
7440-39-3	Barium (Ba)	1.4	J	0.30	J	1.9	J	0.12	J	0.17	J	0.17	J
7440-41-7	Beryllium (Be)	0.08	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U
7440-43-9	Cadmium (Cd)	0.24	U	0.19	U	0.19	U	0.17	U	0.19	U	0.18	U
7440-70-2	Calcium (Ca)	4340.		3010.		155.	J	135.	J	133.	J	515.	
7440-47-3	Chromium (Cr)	2.7		0.51	U	0.5	U	0.46	U	0.51	U	0.6	J
7440-48-4	Cobalt (Co)	0.24	U	0.19	U	0.19	U	0.17	U	0.19	U	0.18	U
7440-50-8	Copper (Cu)	1.4	J	0.25	U	0.25	U	0.23	U	0.25	U	0.24	U
57-12-5	Cyanide (CN)	0.84	U	0.63	U	0.63	U	0.62	U	0.63	U	0.61	U
7439-89-6	Iron (Fe)	1480.		103.		63.7		50.		79.		136.	
7439-92-1	Lead (Pb)	2.6		0.41		0.75		0.22		0.24		0.29	
7439-95-4	Magnesium (Mg)	1020.		240.	J	182.	J	180.	J	175.	J	195.	J
7439-96-5	Manganese (Mn)	23.5		5.7		0.52	J	0.88	J	0.91	J	4.3	
7439-97-6	Mercury (Hg)	0.07	U	0.06	U	0.06	U	0.05	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	1.2	J	0.76	U	0.75	U	0.68	U	0.76	U	0.76	J
7440-09-7	Potassiun (K)	285.	J	67.2	J	65.4	J	61.7	J	62.6	J	67.1	J
7782-49-2	Selenium (Se)	0.24	U	0.19	U	0.19	U	0.17	U	0.19	U	0.18	U
7440-22-4	Silver (Ag)	0.31	U	0.25	U	0.25	U	0.23	U	0.25	U	0.24	U
7440-23-5	Sodium (Na)	4930.		1520.		1360.		1350.		1290.		1280.	
7440-28-0	Thallium (Tl)	0.24	U	0.19	U	0.19	U	0.17	U	0.19	U	6.18	U
7440-62-2	Vanadiun (V)	2.7	J	0.24	J	0.14	J	0.15	J	0.29	J	0.4	J
7440-66-6	Zinc (Zn)	5.9	J	0.74	J	0.66	J	0.6	U	0.57	U	0.83	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary a umples

METAL															
	SAMPLE ID ------->	042-M-2705-01		042-M-Z706-01		042-M-Z707-01		042-M-Z708-01		042-M-2709-01		042-M-2710-01	
	ORIGINAL ID ----->	040MZ70501		040MZ70601		040MZ70701		040MZ70801		040MZ70901		040MZ71001	
	LAB SAMPLE ID --->	950899-05		950899-06		950899-07		950899-08		950899-09		960093-13	
	ID FROM REPORT -->	040MZ70501		040MZ70601		040MZ70701		040MZ70801		040MZ70901		040MZ71001	
	SAMPLE DATE ----->	11/02/95		11/02/95		11/01/95		11/02/95		11/02/95		02/06/96	
	DATE EXTRACTED -->	12/04/95		12/04/95		12/04/95		12/04/95		12/04/95		02/16/96	
	DATE ANALYZED --->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95		02/16/96	
	MATRIX ---------->	sediment		Sediment		sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ1010	VAL
7429-90-5	Aluminum (Al)	104.		171.		50.5		104.		85.		110.	
7440-36-0	Antimony (Sb)	0.13	UR	0.12	UR	0.11	UR	0.12	UR	0.12	UR	0.13	UR
7440-38-2	Arsenic (As)	0.16	J	0.25	J	0.15	J	0.19	J	0.32	J	0.27	J
7440-39-3	Barium (Ba)	0.14	J	0.34	J	0.07	J	0.25	J	0.19	J	0.35	J
7440-41-7	Beryllium (Be)	0.07	U	0.06	U	0.06	U	0.06	U	0.06	U	0.07	U
7440-43-9	Cadmium (Cd)	0.2	U	0.18	U	0.17	U	0.18	U	0.18	U	0.13	U
7440-70-2	Calcium (Ca)	102.	J	302.	J	327.		127.	J	275.	J	1060.	
7440-47-3	Chromium (Cr)	0.53	U	0.49	U	0.44	U	0.48	U	0.47	U	0.47	J
7440-48-4	Cobalt (Co)	0.2	U	0.18	U	0.17	U	0.18	U	0.18	U	0.13	U
7440-50-8	Copper (Cu)	0.26	U	0.24	U	0.22	U	0.24	U	0.24	U	0.26	U
57-12-5	Cyanide (CN)	0.63	U	0.64	U	0.58	U	0.61	U	0.62	U	0.62	U
7439-89-6	Iron (Fe)	94.9		170.		83.9		101.		99.4		207.	
7439-92-1	Lead (Pb)	0.41		0.7		0.22		0.44		0.19		0.37	
7439-95-4	Magnesium (Mg)	172.	J	201.	J	167.	J	167.	J	233.	J	372.	
7439-96-5	Manganese (Mn)	0.41	J	1.4	J	3.		0.39	J	0.53	J	15.	
7439-97-6	Mercury (Hg)	0.05	U	0.06	U	0.05	U	0.06	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	0.79	U	0.73	U	0.66	U	0.73	U	0.71	U	0.59	U
7440-09-7	Potassium (K)	59.4	J	65.8	J	57.7	J	59.6	J	77.3	J	124.	J
7782-49-2	Selenium (Se)	0.2	U	0.18	U	0.17	U	0.18	U	0.18	U	0.26	U
7440-22-4	Silver (Ag)	0.26	U	0.24	U	0.22	U	0.24	U	0.24	U	0.33	U
7440-23-5	Sodium (Na)	1250.		1370.		1170.		1200.		1690.		2540.	
7440-28-0	Thallium (Tl)	0.2	U	0.18	U	0.17	U	0.18	U	0.18	U	0.26	U
7440-62-2	Vanadium (V)	0.21	J	0.47	J	0.25	J	0.39	J	0.23	J	0.55	J
7440-66-6	Zinc (Zn)	0.71	U	1.1	U	0.6	U	0.81	U	0.8	U	0.77	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-2711-01		042-M-2712-01		042-M-2713-01		042-M-2714-01		042-M-2715-01		042-M-2716-01	
	ORIGINAL ID ----->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	LAB SAMPLE ID --->	950899-10		950899-11		950899-12		950899-03		950887-10		950887-11	
	ID FROM REPORT -->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	SAMPLE DATE ----->	11/01/95		11/02/95		11/02/95		11/01/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	12/04/95		12/04/95		12/04/95		12/04/95		12/01/95		12/01/95	
	DATE ANALYZED --->	12/05/95		12/05/95		12/05/95		12/05/95		12/02/95		12/02/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
7429-90-5	Aluminum (Al)	68.1		39.5		31.1		58.4		87.2		145.	
7440-36-0	Antimony (Sb)	0.13	UR	0.11	UR	0.11	UR	0.11	UR	0.13	UR	0.14	UR
7440-38-2	Arsenic (As)	0.3	J	0.15	J	0.17	J	0.24	J	0.17	J	0.39	J
7440-39-3	Barium (Ea)	0.16	J	0.1	J	0.14	J	0.11	J	0.31	J	0.69	J
7440-41-7	Beryllium (Be)	0.07	U	0.06	U	0.06	U	0.06	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.19	U	0.17	U	0.39		0.17	U	0.2	U	0.21	U
7440-70-2	Calcium (Ca)	789.		136.	J	119.	J	410.		1140.		1300.	
7440-47-3	Chromium (Cr)	0.52	U	0.46	U	0.45	U	0.45	U	0.6	J	0.8	
7440-48-4	Cobalt (Co)	0.19	U	0.17	U	0.17	U	0.17	U	0.2	U	0.21	U
7440-50-8	Copper (Cu)	0.32	J	0.25	J	0.22	U	0.22	U	0.27	U	0.48	J
57-12-5	Cyanide (CN)	0.63	U	0.6	U	0.6	U	0.57	U	0.62	U	0.65	U
7439-89-6	Iron (Fe)	140.		42.4		52.1		98.6		127.		311.	
7439-92-1	Lead (Pb)	0.27		0.25		0.21		0.75		0.28	U	0.53	U
7439-95-4	Magnesium (Mg)	231.	J	157.	J	184.	J	183.	J	275.	J	348.	J
7439-96-5	Manganese (Mn)	6.		0.24	J	0.39	J	4.1		9.5		22.9	
7439-97-6	Hercury (Hg)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	0.78	U	0.69	U	0.67	U	0.67	U	0.8	U	0.84	U
7440-09-7	Potassium (K)	77.8	J	57.1	J	63.5	J	65.5	J	84.4	J	121.	J
7782-49-2	Selenium (Se)	0.19	U	0.17	U	0.17	U	0.3		0.2	U	0.21	U
7440-22-4	Silver (Ag)	0.26	U	0.23	U	0.22	U	0.22	U	0.27	U	0.28	U
7440-23-5	Sodium (Na)	1550.		1170.		1380.		1310.		1690.		2190.	
7440-28-0	Thallium (Tl)	0.19	U	0.17	U	0.17	U	0.37	J	0.2	UJ	0.21	UJ
7440-62-2	Vanadium (V)	0.53	J	0.2	J	0.24	J	0.34	J	0.52	J	0.99	J
7440-66-6	Zinc (Zn)	0.75	U	0.42	U	0.53	U	0.57	U	0.56	J	1.	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

		042-M-2717-01		042-M-2718-01		042-M-2719-01		042-M-2720-01		042-M-2721-01		042-M-2722-01	
		040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
		950887-12		950887-13		950887-14		950887-15		950887-16		950887-17	
		040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
		12/01/95		12/01/95		12/01/95		12/01/95		12/01/95		12/01/95	
		12/02/95		12/02/95		12/02/95		12/02/95		12/02/95		12/02/95	
	---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
7429-90-5	Aluminum (Al)	167.		137.		160.		33.		47.3		37.6	
7440-36-0	Antimony (Sb)	0.13	UR	0.13	UR	0.14	UR	0.14	UR	0.13	UR	0.13	UR
7440-38-2	Arsenic (As)	0.42	J	0.33	J	0.44	J	0.26	J	0.3	J	0.25	J
7440-39-3	Barium (Ba)	0.52	J	0.38	J	0.53	J	0.35	J	0.34	J	0.31	J
7440-41-7	Beryllium (Be)	0.06	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.19	U	0.2	U	0.21	U	0.2	U	0.2	U	0.19	U
7440-70-2	Calcium (Ca)	1540.		1060.		959.		122.	J	128.	J	127.	J
7440-47-3	Chromium (Cr)	0.7		0.53	U	0.56	U	0.54	U	0.53	U	0.52	U
7440-48-4	Cobalt (Co)	0.19	U	0.2	U	0.21	U	0.2	U	0.2	U	0.19	U
7440-50-8	Copper (Cu)	0.29	J	0.27	U	0.34	J	0.27	U	0.34	J	0.26	U
57-12-5	Cyanide (CN)	0.61	U	0.65	U	0.65	U	0.64	U	0.59	U	0.65	U
7439-89-6	Iron (Fe)	268.		231.		316.		47.5		69.5		54.3	
7439-92-1	Lead (Pb)	0.59	U	0.42	U	0.57	U	0.15	U	0.16	U	0.36	U
7439-95-4	Magnesium (Mg)	323.		321.	J	300.	J	184.	J	248.	J	192.	J
7439-96-5	Manganese (Mn)	5.7		9.8		12.9		0.38	J	0.76	J	0.39	J
7439-97-6	Mercury (Hg)	0.06	U	0.06	U	0.06	U	0.06	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	0.76	U	0.8	U	0.84	U	0.81	U	0.79	U	0.78	U
7440-09-7	Potassium (K)	111.	J	107.	J	102.	J	59.8	J	95.8	J	66.3	J
7782-49-2	Selenium (Se)	0.19	U	0.2	U	0.21	U	0.2	U	0.2	U	0.19	U
7440-22-4	Silver (Ag)	0.25	U	0.27	U	0.28	U	0.27	U	0.26	U	0.26	U
7440-23-5	Sodium (Na)	2100.		2090.		1820.		1380.		1880.		1440.	
7440-28-0	Thallium (Tl)	0.19	UJ	0.2	UJ	0.21	UJ	0.2	UJ	0.2	UJ	0.19	UJ
7440-62-2	Vanadium (V)	0.95	J	0.83	J	1.	J	0.14	U	0.31	J	0.13	U
7440-66-6	Zinc (Zn)	0.96	J	0.73	J	0.99	J	0.52	J	0.29	J	0.37	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-H-2723-01		042-M-2724-01		042-M-2725-01		042-M-2726-01		042-M-2727-01		042-M-2728-01	
	ORIGINAL ID ----->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	LAB SAMPLE ID --->	950887-01		950887-02		950887-03		950887-04		950887-05		950887-06	
	ID FROM REPORT -->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	SAMPLE DATE ----->	10/27/95		10/27/95		10/27/95		10/27/95		10f 27/95		10/27/95	
	DATE EXTRACTED -->	12/01/95		12/01/95		12/01/95		12/01/95		12/01f95		12/01/95	
	DATE ANALYZED --->	12/02/95		12/02/95		12/02/95		12/02/95		12/02/95		12/02/95	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
7429-90-5	Aluminum (Al)	21.6		17.6		25.3		36.7		28.1		34.5	
7440-36-0	Antimony (Sb)	0.13	UR	0.13	UR	0.13	UR	0.13	UR	0.13	UR	0.14	UR
7440-38-2	Arsenic (As)	0.25	J	0.15	J	0.29	J	0.4	J	0.22	J	0.31	J
7440-39-3	Barium (Ba)	0.19	J	0.2	J	0.23	J	0.27	J	0.24	J	0.26	J
7440-41-7	Beryllium (Be)	0.07	U	0.06	U	0.07	U	0.07	U	0.06	U	0.07	U
7440-43-9	cadmium (Cd)	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.21	U
7440-70-2	Calcium (Ca)	92.4	J	91.7	J	115.	J	110.	J	115.	J	264.	J
7440-47-3	Chromium (Cr)	0.53	U	0.51	U	0.54	U	0.53	U	0.51	U	0.57	U
7440-48-4	Cobalt (Co)	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.21	U
7440-50-8	Copper (Cu)	0.26	U	0.26	U	0.27	U	0.26	U	0.26	U	0.28	U
57-12-5	Cyanide (CN)	0.61	U	0.66	U	0.67	U	0.64	U	0.65	U	0.68	U
7439-89-6	Iron (Fe)	37.3		25.8		38.3		37.5		48.4		76.6	
7439-92-1	Lead (Pb)	0.26	U	0.17	U	0.27	U	0.07	U	0.22	U	0.24	U
7439-95-4	Magnesium (Mg)	186.	J	224.	J	236.	J	257.	J	227.	J	283.	J
7439-96-5	Manganese (Mn)	0.27	J	1.		0.47	J	0.46	J	1.2		1.9	
7439-97-6	Mercury (Hg)	0.05	U	0.06	U	0.06	U	0.06	U	0.05	U	0.06	U
7440-02-0	Nickel (Ni)	0.79	U	0.77	U	0.81	U	0.79	U	0.77	U	0.85	U
7440-09-7	Potassium (K)	56.6	J	76.2	J	72.8	J	84.1	J	79.2	J	90.	J
7782-49-2	Seleniun (Se)	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U	0.21	U
7440-22-4	Silver (Ag)	0.26	U	0.26	U	0.27	U	0.26	U	0.26	U	0.28	U
7440-23-5	Sodium (Na)	1440.		1770.		1830.		1950.		1750.		2140.	
7440-28-0	Thallium (Tl)	0.31	J	0.19	UJ	0.2	UJ	0.2	UJ	0.19	UJ	0.21	UJ
7440-62-2	Vanadiun (V)	0.13	U	0.13	J	0.18	J	0.13	U	0.13	U	0.32	J
7440-66-6	Zinc (Zn)	0.23	J	0.36	J	0.33	J	0.54	J	0.43	J	0.58	J

*** Validation Complete ***

#TAL													
	SAMPLE ID ------->	042-H-2729-01		042-M-2730-01		042-M-2731-01		042-M-2732-01		042-M-2733-01		042-M-2734-01	
	ORIGINAL ID ----->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	LAB SAMPLE ID --->	960093-14		950887-07		950887-08		950876-10		950876-11		950876-12	
	ID FROM REPORT -->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	SAMPLE DATE ----->	02/06/96		10/27/95		10/27/95		10/26/95		10/26/95		10/26/95	
	DATE EXTRACTED -->	02/29/96		12/01/95		12/01/95		11/13/95		11/13/95		11/13/95	
	DATE ANALYZED --->	03/01/96		12/02/95		12/02/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS --------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	MZ1010	VAL	MZ7230	VAL	MZ7230	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
7429-90-5	Aluminum (Al)	12.2	U	28.8		29.2		39.2		21.9		25.	
7440-36-0	Antimony (Sb)	0.13	UR	0.14	UR	0.13	UR	0.13	UJ	0.14	UJ	0.15	UJ
7440-38-2	Arsenic (As)	0.18	J	0.24	J	0.33	J	0.13	U	0.14	U	0.15	U
7440-39-3	Barium (Ba)	0.13	U	0.29	J	0.22	J	0.19	J	0.22	J	0.28	J
7440-41-7	Beryllium (Be)	0.06	U	0.07	U	0.06	U	0.07	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.13	U	0.21	U	0.19	U	0.2	U	0.21	U	0.22	U
7440-70-2	Celciun (Ca)	82.8	J	236.	J	94.6	J	78.	J	187.	J	1340.	
7440-47-3	Chromium (Cr)	0.32	U	0.55	U	0.52	U	0.52	U	0.56	U	0.58	U
7440-48-4	Cobalt (Co)	0.13	U	0.21	U	0.19	U	0.23	U	0.21	U	0.22	U
7440-50-8	Copper (Cu)	0.26	U	0.27	U	0.26	U	0.55	J	0.58	J	0.52	J
57-12-5	Cyanide (CN)	0.62	U	0.67	U	0.66	U	0.62	U	0.62	U	0.64	U
7439-89-6	Iron (Fe)	29.9		37.3		40.6		40.8		40.9		35.1	
7439-92-1	Lead (Pb)	0.24		0.29	U	0.16	U	0.22	U	0.2	U	0.25	U
7439-95-4	Magnesium (Mg)	218.	J	270.	J	238.	J	182.	J	240.	J	256.	J
7439-96-5	Manganese (Mn)	0.27	J	0.69	J	1.2		0.93	J	1.2	J	2.1	
7439-97-6	Mercury (Hg)	0.06	U	0.06	U	0.05	U	0.05	U	0.05	U	0.05	U
7440-02-0	Nickel (Ni)	0.57	U	0.82	U	0.77	U	0.78	U	1.	J	0.87	U
7440-09-7	Potassium (K)	75.8	J	89.3	J	78.9	J	66.4	J	84.8	J	87.5	J
7782-49-2	Selenium (Se)	0.26	U	0.21	U	0.19	U	0.2	U	0.21	U	0.22	U
7440-22-4	Silver (Ag)	0.32	U	0.27	U	0.26	U	0.26	U	0.28	U	0.29	U
7440-23-5	Sodium (Na)	1770.		2100.		1840.		1410.		1930.		2060.	
7440-28-0	Thallium (Tl)	0.26	U	0.21	UJ	0.19	UJ	0.2	U	0.21	U	0.22	U
7440-62-2	Vanadium (V)	0.13	U	0.14	U	0.21	J	0.32	J	0.29	J	0.24	J
		0.5	U	0.65	J	0.27	J	0.43	U	0.57	U	0.46	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-Z735-01		042-M-Z736-01		042-M-Z737-01		042-M-Z738-01		042-M-Z739-01		042-M-2740-01	
	ORIGINAL ID ----->	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	LAB SAMPLE ID --->	950876-13		950876-14		950876-15		960093-15		950876-16		950876-17	
	ID FROM REPORT -->	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	SAMPLE DATE ----->	10/26/95		10/26/95		10/26/95		02/06/96		10/26/95		10/26/95	
	DATE EXTRACTED -->	11/13/95		11/13/95		11/13/95		02/29/96		11/13/95		11/13/95	
	DATE ANALYZED --->	11/22/95		11/22/95		11/22/95		03/01/96		11/22/95		11/22/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	MZ8030	VAL	MZ8030	VAL
7429-90-5	Aluminum (Al)	19.6		19.8		22.		14.2	U	18.2		41.5	
7440-36-0	Antimony (Sb)	0.14	UJ	0.14	UJ	0.14	UJ	0.12	UR	0.14	UJ	0.12	UJ
7440-38-2	Arsenic (As)	0.14	U	0.14	U	0.14	U	0.12	U	0.14	U	0.12	U
7440-39-3	Barium (Ba)	0.2	J	0.2	J	0.22	J	0.12	U	0.25	J	0.21	J
7440-41-7	Beryllium (Be)	0.07	U	0.07	U	0.07	U	0.06	U	0.07	U	0.06	U
7440-43-9	Cadmium (Cd)	0.21	U	0.2	U	0.2	U	0.12	U	0.21	U	0.19	U
7440-70-2	Calcium (Ca)	160.	J	143.	J	128.	J	112.	J	73.3	J	99.1	J
7440-47-3	Chraniun (Cr)	0.56	U	0.54	U	0.54	U	0.31	U	0.55	U	0.5	U
7440-48-4	Cobalt (Co)	0.21	U	0.2	U	0.2	U	0.12	U	0.26	U	0.19	U
7440-50-8	Copper (Cu)	0.47	J	0.39	J	0.27	U	0.25	U	0.73	J	0.32	J
57-12-5	Cyanide (CN)	0.65	U	0.64	U	0.65	U	0.61	U	0.63	U	0.62	U
7439-89-6	Iron (Fe)	25.5		28.1		21.4		27.2		19.3		56.2	
7439-92-1	Lead (Pb)	0.12	U	0.35	U	0.13	U	0.12	U	0.28	U	0.18	U
7439-95-4	Magnesium (Mg)	254.	J	246.	J	249.	J	283.	J	198.	J	211.	J
7439-96-5	Manganese (Mn)	0.41	J	0.48	J	0.26	J	0.3	J	0.21	J	0.19	J
7439-97-6	Mercury (Hg)	0.05	U	0.06	U	0.06	U	0.05	U	0.07	U	0.05	U
7440-02-0	Nickel (Ni)	0.83	U	0.82	U	0.82	U	0.56	U	0.83	U	0.75	U
7440-09-7	Potassium (K)	87.4	J	84.2	J	86.4	J	93.8	J	72.3	J	73.9	J
7782-49-2	Selenium (Se)	0.21	U	0.2	U	0.2	U	0.25	U	0.21	U	0.19	U
7440-22-4	Silver (Ag)	0.28	U	0.27	U	0.27	U	0.31	U	0.28	U	0.25	U
7440-23-5	Sodium (Na)	2110.		2020.		2010.		2310.		1590.		1650.	
7440-28-0	Thallium (Tl)	0.21	U	0.2	U	0.2	U	0.25	U	0.21	U	0.19	U
7440-62-2	Vanadium (V)	0.28	J	0.28	J	0.15	J	0.12	U	0.36	J	0.23	J
7440-66-6	Zinc (Zn)	0.25	U	0.54	U	0.48	U	0.25	U	0.41	U	0.57	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-2801-01		042-M-Z802-01		042-M-2803-01		042-H-2804-01		042-M-2805-01		042-M-Z806-01	
	ORIGINAL ID ----->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	LAB SAMPLE ID --->	950930-05		950876-18		950876-01		950876-02		950876-03		950876-04	
	ID FROM REPORT -->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		04011280501		040MZ80601	
	SAMPLE DATE ----->	11/13/95		10/26/95		10/25/95		10/25/95		10f25/95		10/25/95	
	DATE EXTRACTED -->	12/17/95		11/13/95		11/13/95		11/13/95		11/13/95		11/13/95	
	DATE ANALYZED --->	12/20/95		11/22/95		11/22/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	241901	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
7429-90-5	Aluminum (Al)	688.		31.8		632.		113.		8610.		101.	
7440-36-0	Antimony (Sb)	0.16	UR	0.13	UJ	0.15	UJ	0.67	UJ	0.39	UJ	0.63	UJ
7440-38-2	Arsenic (As)	1.		0.13	U	0.96		0.13	U	10.8		0.28	J
7440-39-3	Barium (Ea)	1.2	J	0.29	J	0.86	J	0.35	J	10.7	J	0.38	J
7440-41-7	Beryllium (Be)	0.08	U	0.07	U	0.08	U	0.07	U	0.59	J	0.06	U
7440-43-9	Cadmium (Cd)	0.24	U	0.2	U	0.23	U	0.2	U	0.58	U	0.19	U
7440-70-2	Calcium (Ca)	470.	J	149.	J	242.	J	1380.		14100.		573.	
7440-47-3	Chromium (Cr)	2.		0.53	U	1.6		0.54	U	26.9		0.5	U
7440-48-4	Cobalt (Co)	0.24	U	0.25	U	0.47	U	0.31	U	2.3	J	0.24	U
7440-50-8	Copper (Cu)	1.7	J	0.47	J	1.3	J	0.57	J	13.1		0.45	J
57-12-5	Cyanide (CN)	0.77	U	0.61	U	0.75	U	0.66	U	1.9	U	0.63	U
7439-89-6	Iron (Fe)	1020.		66.6		841.		212.		13800.		226.	
7439-92-1	Lead (Pb)	2.	J	0.32	U	1.6		0.47	U	14.		0.45	U
7439-95-4	Magnesium (Mg)	652.		165.	J	460.		230.	J	5740.		254.	J
7439-96-5	Manganese (Mn)	21.3		1.7		5.4		1.8		126.		4.8	
7439-97-6	Mercury (Hg)	0.06	U	0.06	U	0.06	U	0.06	U	0.18	U	0.05	U
7440-02-0	Nickel (Ni)	0.94	U	0.8	U	0.91	U	0.81	U	6.8	J	0.76	U
7440-09-7	Potassium (K)	267.	J	60.4	J	236.	J	73.8	J	1840.		82.8	J
7782-49-2	Selenium (Se)	0.24	U	0.2	U	0.23	U	0.2	U	0.73	J	0.19	U
7440-22-4	Silver (Ag)	0.31	UJ	0.27	U	0.3	U	0.27	U	0.77	U	0.25	U
7440-23-5	Sodium (Na)	3400.		1240.		2100.		1340.		18600.		1640.	
7440-28-0	Thallium (Tl)	0.24	UJ	0.2	U	0.57	J	0.2	U	0.6	J	0.19	U
7440-62-2	Vanadium (V)	3.2	J	0.37	J	3.	J	0.48	J	21.9		0.57	J
7440-66-6	Zinc (Zn)	4.4		0.53	U	3.6		0.93	U	38.7		0.75	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL															
	SAMPLE ID ------->	042-M-2807-01		042-M-2808-01		042-M-2809-01		042-M-2810-01		042-M-2811-01		042-M-2812-01	
	ORIGINAL ID ----->	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	LAB SAMPLE ID --->	950876-05		950876-06		950876-07		950876-08		960093-16		950865-19	
	ID FROM REPORT -->	040MZ80701		0401280801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	SAMPLE DATE ----->	10/25/95		10/25/95		10/25/95		10/25/95		02/06/96		10/24/95	
	DATE EXTRACTED -->	11/13/95		11/13/95		11/13/95		11/13/95		02/29/96		11/03/95	
	DATE ANALYZED --->	11/22/95		11/22/95		11/22/95		11/22/95		03/01/96		11/16/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	EM0010	VAL
7429-90-5	Aluminum (Al)	6010.		357.		176.		604.		490.		480.	
7440-36-0	Antimony (Sb)	0.3	UJ	0.73	UJ	0.14	UJ	0.65	UJ	1.4	UR	0.75	UR
7440-38-2	Arsenic (As)	10.8		0.81		0.34	J	1.2		1.1		0.63	J
7440-39-3	Barium (Ba)	9.	J	0.55	J	0.46	J	0.71	J	0.75	J	0.5	J
7440-41-7	Beryllium (Be)	0.45	J	0.07	U	0.07	U	0.07	U	0.07	U	0.08	U
7440-43-9	Cadmium (Cd)	0.45	U	0.22	U	0.2	U	0.2	U	0.14	U	0.22	U
7440-70-2	Calcium (Ca)	10700.		757.		1300.		304.	J	576.		171.	J
7440-47-3	Chromium (Cr)	23.6		1.3		0.55	J	1.7		2.		1.2	
7440-48-4	Cobalt (Co)	1.9	J	0.56	U	0.21	U	0.37	U	0.33	J	0.29	J
7440-50-8	Copper (Cu)	10.6		1.5	J	0.59	J	1.4	J	1.1	J	0.99	J
57-12-5	Cyanide (CN)	1.4	U	0.69	U	0.65	U	0.62	U	0.75	U	0.71	U
7439-89-6	iron (Fe)	11200.		552.		356.		965.		946.		657.	J
7439-92-1	lead (Pb)	11.	U	1.1		0.99		1.4		1.3		1.2	
7439-95-4	Magnesium (Mg)	4010.		345.	J	288.	J	414.		737.		379.	
7439-96-5	Manganese (Mn)	82.5		2.4		9.9		4.7		15.5		2.8	
7439-97-6	Mercury (Hg)	0.11	U	0.07	U	0.05	U	0.05	U	0.07	U	0.06	U
7440-02-0	Nickel (Ni)	4.2	J	0.87	U	0.82	U	0.78	U	0.71	J	0.9	U
7440-09-7	Potassium (K)	1270.		165.	J	98.7	J	147.	J	467.		144.	J
7782-49-2	Selenium (Se)	0.58	J	0.22	U	0.2	U	0.3	J	0.29	U	0.22	U
7440-22-4	Silver (Ag)	0.6	U	0.29	U	0.27	U	0.26	U	0.36	U	0.3	UJ
7440-23-5	Sodium (Na)	11600.		1630.		1650.		1430.		3730.		1930.	
7440-28-0	Thallium (Tl)	0.45	U	0.22	U	0.2	U	0.2	U	0.29	U	0.22	UJ
7440-62-2	Vanadium (V)	17.2		3.4	J	0.76	J	3.7		2.2	J	2.5	J
7440-66-6	Zinc (Zn)	29.3		1.9		1.2	U	2.8		3.6	U	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL															
	SAMPLE ID ------->	042-M-2813-01		042-M-2814-01		042-M-2815-01		042-M-2816-01		042-M-2817-01		042-M-2818-01	
	ORIGINAL ID ----->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	LAB SAMPLE ID --->	950865-18		950865-17		950865-16		950865-15		950865-14		950865-13	
	ID FROM REPORT -->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	DATE EXTRACTED -->	11/03/95		11/03/95		11/03/95		11/03/95		11/03/95		11/03/95	
	DATE ANALYZED --->	11/16/95		11/16/95		11/16/95		11/16/95		11/16/95		11/16/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
7429-90-5	Aluninun (Al)	753.		751.		1410.		611.		89.6		457.	
7440-36-0	Antimony (Sb)	0.7	UR	0.71	U	1.1	UR	0.14	UR	0.14	UR	0.73	UR
7440-38-2	Arsenic (As)	0.86		1.1		1.8		0.75		0.21	J	0.5	J
7440-39-3	Barium (Ba)	1.1	J	0.81	UR	1.5	J	0.9	UJ	0.26	J	0.64	J
7440-41-7	Beryllium (Be)	0.07	U	0.07	U	0.11	U	0.07	U	0.07	U	0.07	U
7440-43-9	Cadmium (Cd)	0.21	U	0.21	U	0.32	U	0.21	U	0.21	U	0.22	U
7440-70-2	Calcium (Ca)	3100.	J	266.	J	1840.	J	1870.	J	421.	J	282.	J
7440-47-3	Chromium (Cr)	1.7		2.6		3.6		1.7		0.57	U	1.4	
7440-48-4	Cobalt (Co)	0.21	U	0.29	J	0.58	J	0.21	U	0.23	J	0.33	J
7440-50-8	Copper (Cu)	0.72	J	1.7	J	2.9		0.89	J	0.44	J	1.1	J
57-12-5	Cyanide (CN)	0.59	U	0.68	U	0.99	U	0.6	U	0.68	U	0.65	U
7439-89-6	iron (Fe)	1270.	J	1020.	J	2110.	J	1040.	J	122.	J	683.	J
7439-92-1	Lead (Pb)	1.1		1.6		3.		0.9		0.25		1.	
7439-95-4	Magnesium (Mg)	543.		479.		905.		440.		288.	J	412.	
7439-96-5	Manganese (Mn)	9.8		6.8		10.4		7.4		0.44	U	3.7	
7439-97-6	Mercury (Hg)	0.05	U	0.07	U	0.1	U	0.14		0.05	U	0.06	U
7440-02-0	Nickel (Ni)	0.84	U	1.	J	1.3	U	0.82	U	0.85	U	0.87	U
7440-09-7	Potassium (K)	164.	J	192.	J	351.	J	137.	J	94.8	J	176.	J
7782-49-2	Selenium (Se)	0.21	U	0.21	U	0.32	U	0.21	U	0.21	U	0.22	U
7440-22-4	Silver (Ag)	0.28	UJ	0.28	UJ	0.42	UJ	0.27	UJ	0.28	UJ	0.29	UJ
7440-23-5	Sodium (Na)	1920.		1990.		3590.		1560.		2060.		2120.	
7440-28-0	Thallium (Tl)	0.21	UJ	0.21	UJ	0.32	UJ	0.21	UJ	0.21	UJ	0.22	UJ
7440-62-2	Vanadium (V)	1.7	J	4.2	J	6.3	J	1.4	J	0.39	J	2.1	J
7440-66-6	Zinc (Zn)	3.3	J	3.5	J	17.3	J	2.5	J	0.77	J	2.4	J

*** Validation Complete ***

METAL													
	SAMPLE ID ------->	042-M-Z819-01		042-M-Z820-01		042-M-Z821-01		042-M-2822-01		042-M-2823-01		042-M-Z824-01	
	ORIGINAL ID ----->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	LAB SAMPLE ID --->	950865-12		950865-11		950865-10		950865-09		950865-03		950865-04	
	ID FROM REPORT -->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/23/95		10/23/95	
	DATE EXTRACTED -->	11/03/95		11/03/95		11/03/95		11/03/95		11/03/95		11/03/95	
	DATE ANALYZED --->	11/16/95		11/16/95		11/16/95		11/16/95		11/16/95		11/16/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
7429-90-5	Aluminum (Al)	152.		2930.		1030.		467.		14500.		113.	
7440-36-0	Antimony (Sb)	0.62	UR	0.17	UR	0.82	UR	0.72	UR	0.4	UR	0.12	UR
7440-38-2	Arsenic (As)	0.12	U	3.6		1.1		0.93		17.3		0.29	J
7440-39-3	Barium (Ba)	0.34	J	3.6	J	1.2	J	0.8	J	16.4	J	0.5	J
7440-41-7	Beryllium (Be)	0.06	U	0.17	J	0.08	U	0.07	U	0.86	J	0.04	U
7440-43-9	Cadmium (Cd)	0.18	U	0.25	U	0.25	U	0.22	U	0.6	U	0.19	U
7440-70-2	Calcium (Ca)	845.	J	5680.	J	305.	J	5620.	J	18900.	J	473.	J
7440-47-3	Chraniun (Cr)	0.49	U	8.1		2.7		1.9		39.6		0.5	U
7440-48-4	Cobalt (Co)	0.22	J	0.71	J	0.5	J	0.37	J	3.3	J	0.19	U
7440-50-8	Copper (Cu)	0.41	J	3.2		1.7	J	1.1	J	14.5		0.34	J
57-12-5	Cyanide (CN)	0.61	U	0.8	U	0.75	U	0.71	U	1.9	U	0.62	U
7439-89-6	Iron (Fe)	238.	J	4600.	J	1420.	J	1270.	J	21400.	J	216.	J
7439-92-1	Lead (Pb)	0.26		3.6		1.9		1.6		16.2		0.19	
7439-95-4	Magnesium (Mg)	200.	J	1650.		695.		599.		7650.		192.	J
7439-96-5	Manganese (Mn)	1.5		29.7		7.3		10.3		175.		2.2	
7439-97-6	Mercury (Hg)	0.05	U	0.07	U	0.08	U	0.06	U	0.18	U	0.05	U
7440-02-0	Nickel (Ni)	0.74	U	1.4	J	0.98	U	0.87	U	8.3		0.75	U
7440-09-7	Potassium (K)	67.8	J	545.		273.	J	168.	J	2550.		69.3	J
7782-49-2	Selenium (Se)	0.18	U	0.25	U	0.25	U	0.22	U	0.91	J	0.19	U
7440-22-4	Silver (Ag)	0.25	UJ	0.33	UJ	0.33	UJ	0.29	UJ	0.79	UJ	0.25	UJ
7440-23-5	Sodium (Na)	1170.		4530.		3020.		2610.		20100.		1190.	
7440-28-0	Thallium (Tl)	0.18	UJ	0.25	UJ	0.25	UJ	0.22	UJ	0.6	UJ	0.19	UJ
7440-62-2	Vanadium (V)	0.44	J	6.1	J	3.5	J	1.6	J	27.6	J	0.37	J
7440-66-6	Zinc (Zn)	0.95	U	10.9	J	5.	J	3.6	J	50.6	J	0.9	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

METAL													
	SAMPLE ID ------->	042-M-2825-01		042-M-2826-01		042-M-2827-01		042-M-2901-01		042-M-2902-01		042-M-2903-01	
	ORIGINAL ID ----->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	LAB SAMPLE ID --->	950865-05		950865-06		950865-07		960107-01		950930-06		950930-07	
	ID FROM REPORT -->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	SAMPLE DATE ----->	10/23/95		10/23/95		10/23/95		02/09/96		11/13/95		11/13/95	
	DATE EXTRACTED -->	11/03/95		11/03/95		11/03/95		02/13/96		12/17/95		12/17/95	
	DATE ANALYZED --->	11/16/95		11/16/95		11/16/95		02/13/96		12/20/95		12/20/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	MZ9010	VAL	241901	VAL	241901	VAL
7429-90-5	Aluminum (Al)	51.1		14600.		15900.		14400.		522.		1550.	
7440-36-0	Antimony (Sb)	0.13	UR	0.57	UR	0.54	UR	0.38	U	0.16	UR	0.9	UR
7440-38-2	Arsenic (As)	0.21	J	22.		22.3		3.8		1.3		1.5	
7440-39-3	Barium (Ba)	0.35	J	17.1	J	19.1	J	8.7	J	0.82	J	1.3	J
7440-41-7	Beryllium (Be)	0.06	U	1.1	J	1.1	J	0.76	J	0.08	U	0.09	J
7440-43-9	Cadmium (Cd)	0.19	U	0.86	U	0.9	J	0.92	J	0.24	U	0.27	U
7440-70-2	Calcium (Ca)	70.3	J	24500.	J	27400.	J	2120.		238.	J	493.	J
7440-47-3	Chromium (Cr)	0.51	U	46.2		48.4		84.		1.5		3.7	
7440-48-4	Cobalt (Co)	0.19	U	3.8	J	3.5	J	1.8	J	0.24	U	0.37	J
7440-50-8	Copper (Cu)	0.43	J	18.3		18.3		18.9		4.9		5.4	
57-12-5	Cyanide (CN)	0.62	U	2.8	U	2.6	U	0.92	U	0.78	U	0.86	U
7439-89-6	Iron (Fe)	51.6	J	26700.	J	26700.	J	21000.		867.		1500.	
7439-92-1	Lead (Pb)	0.22		20.7		20.3		11.9		3.9	J	8.2	J
7439-95-4	Magnesium (Mg)	180.	J	10700.		10800.		5760.		536.		970.	
7439-96-5	Manganese (Mn)	0.4	U	229.		250.		104.		3.5		6.6	
7439-97-6	Mercury (Hg)	0.06	U	0.23	U	0.26	U	0.08	U	0.07	U	0.13	J
7440-02-0	Nickel (Ni)	0.76	U	7.9	J	10.8		5.8	J	0.97	U	1.4	J
7440-09-7	Potassium (K)	64.9	J	3440.		3560.		2270.		195.	J	361.	J
7782-49-2	Selenium (Se)	0.19	U	1.2	J	0.81	U	0.76	U	0.24	U	0.31	J
7440-22-4	Silver (Ag)	0.25	UJ	1.1	UJ	1.1	UJ	0.95	U	0.32	UJ	0.36	UJ
7440-23-5	Sodium (Na)	1350.		34200.		34200.		17500.		2890.		5100.	
7440-28-0	Thallium (Tl)	0.19	UJ	0.86	UJ	0.97	J	0.76	U	0.24	UJ	0.27	UJ
7440-62-2	Vanadium (V)	0.28	J	32.2	J	33.1	J	27.6		2.3	J	5.8	
7440-66-6	Zinc (Zn)	0.65	U	60.8	J	59.8	J	84.4		11.3		13.8	

*** Validation Complete ***

METAL										
	SAMPLE ID ------->	042-M-Z904-01		042-M-2905-01		042-M-2906-01				
	ORIGINAL ID ----->	040MZ90401		040MZ90501		040MZ90601				
	LAB SAMPLE ID --->	950930-08		950930-09		950930-10				
	ID FROM REPORT -->	040MZ90401		040MZ90501		040MZ90601				
	SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95				
	DATE EXTRACTED -->	12/17/95		12/17/95		12/17/95				
	DATE ANALYZED --->	12/20/95		12/20/95		12/20/95				
	MATRIX ---------->	Sediment		Sediment		sediment				
	UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL			
7429-90-5	Aluminum (Al)	79.1		85.3		3490.				
7440-36-0	Antimony (Sb)	0.13	UR	0.14	UR	0.31	UR			
7440-38-2	Arsenic (As)	0.22	J	0.35	J	3.2				
7440-39-3	Barium (Ba)	0.28	J	0.26	J	3.	J			
7440-41-7	Beryllium (Be)	0.06	U	0.07	U	0.24	J			
7440-43-9	Cadmium (Cd)	0.19	U	0.2	U	0.47	U			
7440-70-2	Calcium (Ca)	1150.	J	748.	J	955.	J			
7440-47-3	Chromium (Cr)	0.57	J	0.54	U	10.4				
7440-48-4	Cobalt (Co)	0.19	U	0.2	U	0.97	J			
7440-50-8	Copper (Cu)	1.2	J	0.68	J	11.2				
57-12-5	Cyanide (CN)	0.62	U	0.6	U	1.3	U			
7439-89-6	Iron (Fe)	158.		165.		4430.				
7439-92-1	Lead (Pb)	0.57	U	0.47	U	16.3	J			
7439-95-4	Magnesiun (Mg)	249.	J	220.	J	2200.				
7439-96-5	Manganese (Mn)	0.66	J	0.81	J	18.9				
7439-97-6	Mercury (Hg)	0.06	U	0.05	U	0.17	J			
7440-02-0	Nickel (Ni)	0.76	U	0.81	U	3.	J			
7440-09-7	Potassium (K)	85.7	J	76.8	J	773.	J			
7782-49-2	Selenium (Se)	0.19	U	0.2	U	0.47	U			
7440-22-4	Silver (Ag)	0.25	UJ	0.27	UJ	0.62	UJ			
7440-23-5	Sodium (Na)	1680.		1570.		9610.				
7440-28-0	Thallium (Tl)	0.19	UJ	0.2	UJ	0.47	UJ			
7440-62-2	Vanadium (V)	0.36	J	0.27	J	12.7				
7440-66-6	Zinc (Zn)	23	U	1.5	U	29.4				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-2501-01		042-M-2502-01		042-M-2503-01		042-M-2504-01		042-M-2505-01		042-M-2506-01	
	ORIGINAL ID ----->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	LAB SAMPLE ID --->	951005-11		951005-22		951005-23		951005-12		951005-13		951005-24	
	ID FROM REPORT -->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	SAMPLE DATE ----->	12/04/95		12/05/95		12/05/95		12/04/95		12/04/95		12/05/95	
	DATE EXTRACTED -->	12/06/95		12/12/95		12/12/95		12/06/95		12/06/95		12/12/95	
	DATE ANALYZED --->	01/18/96		01/18/96		01/18/96		01/18/96		01/19/96		01/18/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL
319-84-6	alpha-BHC	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.11	UJ	0.1	UJ
319-85-7	beta-BHC	0.1	U	0.1	U	0.1	U	0.24	J	0.11	U	0.1	U
319-86-8	delta-BHC	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.11	UJ	0.1	UJ
58-89-9	gam-BHC (Lindane)	0.1	U	0.1	U	0.1	U	0.1	U	0.11	J	0.1	U
76-44-8	Heptachlor	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
309-00-2	Aldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
1024-57-3	Heptachlor epoxide	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
959-98-8	Endosulfan I	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
60-57-1	Dieldrin	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
72-55-9	4,4'-DDE	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
72-20-8	Endrin	0.21	U	0.27	J	0.21	U	0.21	U	0.22	U	0.25	J
33213-65-9	Endosulfan II	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
72-54-8	4,4'-DDD	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
1031-07-8	Endosulfan sulfate	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
50-29-3	4,4'-DDT	0.21	UJ	0.21	U	0.21	U	0.21	UJ	0.22	UJ	0.21	U
72-43-5	Hethoxychlor	1.	UJ	1.	U	1.	U	1.	UJ	1.1	UJ	1.	U
53494-70-5	Endrin ketone	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
7421-93-4	Endrin aldehyde	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
5103-71-9	alpha-Chlordane	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
5103-74-2	gamma-Chlordane	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
8001-35-2	Toxaphene	10.	U	10.	U	10.	U	10.	U	11.	U	10.	U
12674-11-2	Aroclor-1016	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	U
11104-28-2	Aroclor-1221	4.	U	4.1	U	4.1	U	4.1	U	4.3	U	4.1	U
11141-16-5	Aroclor-1232	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	U
53469-21-9	Aroclor-1242	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	U
12672-29-6	Aroclor-1248	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	U
11097-69-1	Aroclor-1254	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	U
11096-82-5	Aroclor-1260	2.1	U	0.52	J	0.73	J	0.81	J	2.2	U	0.83	J

*** Validation Complete *++

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST															
	SAMPLE ID ------->	042-M-2507-01		042-M-2508-01		042-M-2509-01		042-M-2510-01		042-M-2511-01		042-M-2512-01	
	ORIGINAL ID ----->	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	LAB SAMPLE ID --->	960093-09		960010-01		960010-02		960010-03		960010-04		960010-05	
	ID FROM REPORT -->	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	SAMPLE DATE ----->	02/06/96		01/10/96		01/10/96		01/10/96		01/10/96		01/10/96	
	DATE EXTRACTED -->	02/12/96		01/14/96		31/14/96		01/14/96		01/14/96		01/14/96	
	DATE ANALYZED --->	03/12/96		02/02/96		32/02/96		02/02/96		02/02/96		02/02/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		JG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	250801	VAL	250801	VAL	250801	VAL	250801	VAL	250801	VAL
319-84-6	alpha-BHC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
319-85-7	beta-BHC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
319-86-8	delta-BHC	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ
58-89-9	gam-BHC (Lindane)	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
76-44-8	Heptachlor	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
309-00-2	Aldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1024-57-3	Heptachlor epoxide	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
959-98-8	Endosulfan I	0.11	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
60-57-1	Dieldrin	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
72-55-9	4,4'-DDE	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
72-20-8	Endrin	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
33213-65-9	Endosulfan II	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
72-54-8	4,4'-DDD	0.21	U	0.21	UJ	0.21	UJ	0.21	UJ	0.21	UJ	0.3	J
1031-07-8	Endosulfan sulfate	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
50-29-3	4,4'-DDT	0.21	U	0.21	UJ	0.21	UJ	0.21	UJ	0.37	J	0.2	UJ
72-43-5	Methoxychlor	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53494-70-5	Endrin ketone	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
7421-93-4	Endrin aldehyde	0.21	U	0.21	UJ	0.21	UJ	0.21	UJ	0.21	UJ	0.2	UJ
5103-71-9	alpha-Chlordane	0.21	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-74-2	gamma-Chlordane	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8001-35-2	Toxaphene	21.	U	21.	U	21.	U	21.	U	21.	U	21.	U
12674-11-2	Aroclor-1016	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
11104-28-2	Aroclor-1221	4.1	U	4.2	U	4.1	U	4.1	U	4.2	U	4.	U
11141-16-5	Aroclor-1232	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
53469-21-9	Aroclor-1242	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
12672-29-6	Aroclor-1248	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
11097-69-1	Aroclor-1254	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
11096-82-5	Aroclor-1260	2.3	J	0.55	J	2.1	U	2.1	U	2.3	J	5.4	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-Z513-01		042-M-Z514-01		042-M-2515-01		042-M-Z516-01		042-M- ZSI7-01		042-M-Z518-01	
	ORIGINAL ID ----->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	LAB SAMPLE ID --->	960010-06		960010-07		951029-09		960093-10		951029-10		951029-11	
	ID FROM REPORT -->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	SAMPLE DATE ----->	01/10/96		01/10/96		12/11/95		02/06/96		12/11/95		12/11/95	
	DATE EXTRACTED -->	01/14/96		01/14/96		12/17/95		02/12/96		12/17/95		12/17/95	
	DATE ANALYZED --->	02/02/96		02/02/96		01/24/96		03/12/96		01/24/96		01/24/96	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	Z50801	VAL	250801	VAL	EW0010	VAL	MZ1010	VAL	EW0010	VAL	EW0010	VAL
319-84-6	alpha-BHC	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.17	J
319-85-7	beta-BHC	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U
319-86-8	delta-BHC	0.11	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.11	U
58-89-9	gamma-BHC (Lindane)	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U
76-44-8	Heptachlor	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U
309-00-2	Aldrin	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U
1024-57-3	Heptachlor epoxide	0.11	U	0.1	U	0.1	J	0.1	U	0.1	U	0.11	U
959-98-8	Endosulfan I	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U
60-57-1	Dieldrin	0.21	U	0.21	U	0.61	J	0.21	U	0.22	J	0.4	J
72-55-9	4,4'-DDE	0.21	U	0.29	J	1.1	J	0.21	U	0.21	U	0.22	U
72-20-8	Endrin	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U
33213-65-9	Endosulfan II	0.21	U	0.2	J	0.21	U	0.21	U	0.21	U	0.22	U
72-54-8	4,4'-DDD	0.31	J	0.41	J	1.	J	0.21	U	0.21	U	0.93	J
1031-07-8	Endosulfan sulfate	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U
50-29-3	4,4'-DDT	0.21	UJ	0.21	UJ	6.	J	0.21	U	0.21	U	0.64	J
72-43-5	Methoxychlor	1.1	U	1.	U	1.	U	1.	U	1.	U	1.1	U
53494-70-5	Endrin ketone	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U
7421-93-4	Endrin aldehyde	0.21	UJ	0.21	UJ	0.21	U	0.21	U	0.21	U	0.22	U
5103-71-9	alpha-Chlordane	0.11	U	0.1	U	0.1	U	0.21	U	0.1	U	0.11	U
5103-74-2	gem-Chlordane	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U
8001-35-2	Toxaphene	22.	U	21.	U	10.	U	21.	U	10.	U	11.	U
12674-11-2	Aroclor-1016	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U
11104-28-2	Aroclor-1221	4.2	U	4.1	U	4.1	U	4.	U	4.1	U	4.2	U
11141-16-5	Aroclor-1232	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U
53469-21-9	Aroclor-1242	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U
12672-29-6	Aroclor-1248	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.2	U
11097-69-1	Aroclor-1254	2.1	U	2.1	U	26.	J	2.1	U	2.1	U	10.	J
11096-82-5	Aroclor-1260	2.9	J	8.7	J	2.1	U	2.1	U	2.1	U	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST															
	SAMPLE ID ------->	042-M-2519-01		042-M-2520-01		042-M-2521-01		042-M-2522-01		042-M-2523-01		042-M-2524-01	
	ORIGINAL ID ----->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	LAB SAMPLE ID --->	951029-12		951029-13		951021-12		951021-13		951021-14		960093-11	
	ID FROM REPORT -->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	SAMPLE DATE ----->	12/11/95		12/11/95		12/07/95		12/07/95		12/07/95		02/06/96	
	DATE EXTRACTED -->	12/17/95		12/17/95		12/12/96		12/12/96		12/12/96		02/12/96	
	DATE ANALYZED --->	01/24/96		01/24/96		01/25/96		01/24/96		01/25/96		03/12/96	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL	MZ1010	VAL
319-84-6	alpha-BHC	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.099	U
319-85-7	beta-BHC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.099	U
319-86-8	delta-BHC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.099	U
58-89-9	gem-BHC (Lindane)	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.099	U
76-44-8	Heptachlor	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.099	U
309-00-2	Aldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.099	U
1024-57-3	Heptachlor epoxide	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.099	U
959-98-8	Endosulfan I	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.12	J
60-57-1	Dieldrin	0.78	J	0.21	U	0.21	U	0.21	U	0.2	U	0.2	U
72-55-9	4,4'-DDE	0.95		0.21	U	0.21	U	0.21	U	0.2	U	0.2	U
72-20-8	Endrin	0.22	U	0.21	U	0.21	U	0.23	J	0.2	U	0.2	U
33213-65-9	Endosulfan II	0.22	U	0.21	U	0.21	U	0.21	U	0.2	U	0.2	U
72-54-8	4,4'-DDD	1.2	J	0.19	J	0.21	U	0.21	U	0.2	U	0.2	U
1031-07-8	Endosulfan sulfate	0.22	U	0.21	U	0.21	U	0.21	U	0.2	U	0.2	U
50-29-3	4,4'-DDT	1.6	J	0.21	U	0.21	U	0.21	U	0.2	U	0.2	U
72-43-5	Methoxychlor	1.	U	1.	U	1.	U	1.	U	1.	U	0.99	U
53494-70-5	Endrin ketone	0.22	U	0.21	U	0.21	U	0.21	U	0.2	U	0.2	U
7421-93-4	Endrin aldehyde	0.22	U	0.21	U	0.21	U	0.21	U	0.2	U	0.2	U
5103-71-9	alpha-Chlordane	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	U
5103-74-2	gamma-Chlordane	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.099	U
8001-35-2	Toxaphene	10.	U	10.	U	10.	U	10.	U	10.	U	20.	U
12674-11-2	Aroclor-1016	2.2	U	2.1	U	2.1	U	2.1	U	2.	U	2.	U
11104-28-2	Aroclor-1221	4.2	U	4.1	U	4.	U	4.1	U	4.	U	3.9	U
11141-16-5	Aroclor-1232	2.2	U	2.1	U	2.1	U	2.1	U	2.	U	2.	U
53469-21-9	Aroclor-1242	2.2	U	2.1	U	2.1	U	2.1	U	2.	U	2.	U
12672-29-6	Aroclor-1248	2.2	U	2.1	U	2.1	U	2.1	U	2.	U	2.	U
11097-69-1	Aroclor-1254	23.	J	2.1	U	2.1	U	2.1	U	2.	U	2.	U
11096-82-5	Aroclor-1260	2.2	U	2.1	U	1.9	J	2.1	U	1.6	J	0.93	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST															
	SAMPLE ID ------->	042-H-2525-01		042-M-2526-01		042-M-Z527-01		042-M-2528-01		042-M-2529-01		042-M-Z530-01	
	ORIGINAL ID ----->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	LAB SAMPLE ID --->	951005-14		951021-15		951005-15		951021-16		951021-17		951021-18	
	ID FROM REPORT -->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	SAMPLE DATE ----->	12/04/95		12/07/95		12/04/95		12/07/95		12/07/95		12/07/95	
	DATE EXTRACTED -->	12/06/95		12/12/96		12/06/95		12/12/96		12/12/96		12/12/96	
	DATE ANALYZED --->	01/19/96		01/24/96		01/18/96		01/24/96		01/24/96		01/24/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	EM0050	VAL	231001	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL
319-84-6	alpha-BHC	0.1	UJ	0.1	UJ	0.11	UJ	0.1	UJ	0.1	UJ	0.11	UJ
319-85-7	beta-BHC	0.1	U	0.1	U	0.12	J	0.1	U	01	U	0.11	U
319-86-8	delta-BHC	0.1	UJ	0.1	U	0.11	UJ	0.1	U	0.1	U	0.11	U
58-89-9	gamma-BHC (Lindane)	0.1	U	0.1	U	0.13	J	0.1	U	0.1	U	0.11	U
76-44-8	Heptachlor	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U
309-00-2	Aldrin	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U
1024-57-3	Heptachlor epoxide	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U
959-98-8	Endosulfan I	0.21	U	0.1	U	0.22	U	0.1	U	01	U	0.11	U
60-57-1	Dieldrin	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U
72-55-9	4,4'-DDE	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U
72-20-8	Endrin	0.21	U	0.31	J	0.22	U	0.21	U	0.32	J	0.22	U
33213-65-9	Endosulfan II	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U
72-54-8	4,4'-DDD	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U
1031-07-8	Endosulfan solfate	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U
50-29-3	4,4'-DDT	0.36	J	0.21	U	0.22	UJ	0.21	U	0.21	U	0.22	U
72-43-5	Methoxychlor	1.	UJ	1.	U	1.1	UJ	1.	U	1.	U	1.1	U
53494-70-5	Endrin ketone	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U
7421-93-4	Endrin aldehyde	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U	0.22	U
5103-71-9	alpha-Chlordane	0.1	U	0.1	U	0.21	J	0.1	U	0.11	J	0.26	J
5103-74-2	gamma-Chlordane	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U
8001-35-2	Toxaphene	10.	U	10.	U	11.	U	10.	U	10.	U	11.	U
12674-11-2	Aroclor-1016	2.1	U	2.1	U	2.2	U	2.1	U	2.1	U	2.2	U
11104-28-2	Aroclor-1221	4.2	U	4.	U	4.2	U	4.	U	4.1	U	4.2	U
11141-16-5	Aroclor-1232	2.1	U	2.1	U	2.2	U	2.1	U	21	U	2.2	U
53469-21-9	Aroclor-1242	2.1	U	2.1	U	2.2	U	2.1	U	2.1	U	2.2	U
12672-29-6	Aroclor-1248	21	U	2.1	U	2.2	U	2.1	U	2.1	U	2.2	U
11097-69-1	Aroclor-1254	21	U	2.1	U	2.2	U	2.1	U	2.1	U	2.2	U
11096-82-5	Aroclor-1260	2.1	U	2.1	U	2.2	U	2.1	U	1.4	J	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-2531-01		042-M-2532-01		042-M-2533-01		042-M-2534-01		042-M-2535-01		042-M-2536-01	
	ORIGINAL ID ----->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	LAB SAMPLE ID --->	951005-16		951021-19		950983-01		950983-02		950983-03		950983-04	
	ID FROM REPORT -->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	SAMPLE DATE ----->	12/04/95		12/07/95		11/28/95		11/28/95		11/28/95		11/28/95	
	DATE EXTRACTED -->	12/06/95		12/12/96		11/30/95		11/30/95		11/30/95		11/30/95	
	DATE ANALYZED --->	01/19/96		01/24/96		01/10/96		01/10/96		01/10/96		01/10/96	
	MATRIX ---------->	Sediment		Sediment		sediment		sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	Z31001	VAL	EM0050	VAL	253301	VAL	253301	VAL	253301	VAL	253301	VAL
319-84-6	alpha-BHC	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.23	J	0.1	U
319-85-7	bets-BHC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
319-86-8	delta-BHC	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
58-89-9	gam-BHC (Lindane)	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
76-44-8	Heptachlor	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
309-00-2	Aldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1024-57-3	Heptachlor epoxide	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
959-98-8	Endosulfan I	0.21	U	0.1	U	0.21	U	0.21	U	0.21	U	0.2	U
60-57-1	Dieldrin	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
72-55-9	4,4'-DDE	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
72-20-8	Endrin	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
33213-65-9	Endosulfan II	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
72-54-8	4,4'-DDD	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
1031-07-8	Endosulfan sulfate	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
50-29-3	4,4'-DDT	0.21	UJ	0.21	U	0.21	UJ	0.21	UJ	0.7	J	0.2	UJ
72-43-5	Methoxychlor	1.	UJ	1.	U	1.	U	1.	U	1.	U	1.	U
53494-70-5	Endrin ketone	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.2	U
7421-93-4	Endrin aldehyde	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.61	J
5103-71-9	alpha-Chlordane	0.1	U	0.2	J	0.1	U	0.1	U	0.1	U	0.1	U
5103-74-2	gamma-Chlordane	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8001-35-2	Toxaphene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
12674-11-2	Aroclor-1016	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
11104-28-2	Aroclor-1221	4.1	U	4.1	U	4.1	U	4.	U	4.1	U	4.	U
11141-16-5	Aroclor-1232	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
53469-21-9	Aroclor-1242	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
12672-29-6	Aroclor-1248	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
11097-69-1	Aroclor-1254	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U
11096-82-5	Aroclor-1260	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-2537-01		042-M-2538-01		042-M-2539-01		042-M-2540-01		042-W-2541-01		042-M-2542-01	
	ORIGINAL ID ----->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	LAB SAMPLE ID --->	950983-05		950983-06		950930-12		960093-12		950930-13		950930-14	
	ID FROM REPORT -->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	SAMPLE DATE ----->	11/28/95		11/28/95		11/14/95		02/06/96		11/14/95		11/14/95	
	DATE EXTRACTED -->	11/30/95		11/30/95		11/19/95		02/12/96		11/19/95		11/19/95	
	DATE ANALYZED --->	01/10/96		01/11/96		12/09/95		03/11/96		12/09/95		12/09/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	253301	VAL	253301	VAL	Z41901	VAL	MZ1010	VAL	241901	VAL	241901	VAL
319-84-6	alpha-BHC	0.099	U	0.37	J	0.1	UJ	0.099	U	0.1	UJ	0.11	UJ
319-85-7	beta-BHC	0.099	U	0.1	UJ	0.1	U	0.099	U	0.1	U	0.11	U
319-86-8	delta-BHC	0.099	U	0.1	UJ	0.1	U	0.099	U	0.1	U	0.11	U
58-89-9	gamma-BHC (Lindane)	0.099	U	0.1	UJ	0.1	U	0.099	U	0.1	U	0.11	U
76-44-8	Heptachlor	0.099	U	0.1	UJ	0.1	U	0.099	U	0.1	U	0.11	U
309-00-2	Aldrin	0.099	U	0.1	UJ	0.1	U	0.099	U	0.1	U	0.11	U
1024-57-3	Heptachlor epoxide	0.099	U	0.1	UJ	0.1	U	0.099	U	0.1	U	0.11	U
959-98-8	Endosulfan I	0.2	U	0.21	UJ	0.1	U	0.1	J	0.1	U	0.11	U
60-57-1	Dieldrin	0.2	U	0.37	J	0.21	U	0.2	U	0.2	U	0.22	U
72-55-9	4,4'-DDE	0.2	U	0.37	J	0.21	U	0.2	U	0.2	U	0.22	U
72-20-8	Endrin	0.2	U	0.21	UJ	0.21	U	0.2	U	0.2	U	0.22	U
33213-65-9	Endosulfan II	0.2	U	0.21	UJ	0.21	U	0.2	U	0.2	U	0.22	U
72-54-8	4,4'-DDD	0.2	U	0.21	UJ	0.21	U	0.2	U	0.2	U	0.22	U
1031-07-8	Endosulfan sulfate	0.2	U	0.21	UJ	0.21	U	0.2	U	0.2	U	0.22	U
50-29-3	4,4'-DDT	0.2	UJ	0.84	J	0.21	UJ	0.2	U	0.2	UJ	0.22	UJ
72-43-5	MethoxychLor	0.99	U	1.	UJ	1.	U	0.99	U	1.	U	1.1	U
53494-70-5	Endrin ketone	0.2	U	0.21	UJ	0.21	U	0.2	U	0.2	U	0.22	U
7421-93-4	Endrin aldehyde	0.2	U	0.21	UJ	0.21	U	0.2	U	0.2	U	0.22	U
5103-71-9	alpha-Chlordane	0.099	U	0.1	UJ	0.1	U	0.2	U	0.1	U	0.11	U
5103-74-2	gamma-Chlordane	0.099	U	0.1	UJ	0.1	U	0.099	U	0.1	U	0.11	U
8001-35-2	Toxaphene	9.9	U	10.	UJ	21.	U	20.	U	20.	U	22.	U
12674-11-2	Aroclor-1016	2.	U	2.1	UJ	2.1	U	2.	U	2.	U	2.2	U
11104-28-2	Aroclor-1221	3.9	U	4.1	UJ	4.2	U	3.9	U	4.1	U	4.4	U
11141-16-5	Aroclor-1232	2.	U	2.1	UJ	2.1	U	2.	U	2	U	2.2	U
53469-21-9	Aroclor-1242	2.	U	2.1	UJ	2.1	U	2.	U	2.	U	2.2	U
12672-29-6	Aroclor-1248	2.	U	2.1	UJ	2.1	U	2.	U	2.	U	2.2	U
11097-69-1	Aroclor-1254	2.	U	2.1	UJ	2.1	U	2.	U	2.	U	2.2	U
11096-82-5	Aroclor-1260	2.	U	9.1	J	2.1	U	2.	U	2.	U	1.6	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-2543-01		042-M-2544-01		042-M-2545-01		042-M-2601-01		042-M-2602-01		042-M-2603-01	
	ORIGINAL ID ----->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	LAB SAMPLE ID --->	950930-15		950930-16		950930-17		950930-18		960084-01		950930-19	
	ID FROM REPORT -->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/14/95		01/31/96		11/14/95	
	DATE EXTRACTED -->	11/19/95		11/19/95		11/19/95		11/19/95		02/11/96		11/19/95	
	DATE ANALYZED --->	12/09/95		12/09/95		12/09/95		12/09/95		03/08/96		12/09/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL	241901	VAL	MZ6020	VAL	241901	VAL
319-84-6	alpha-BHC	0.48	J	0.1	UJ	0.1	UJ	2.1	J	1.6	U	1.6	J
319-85-7	beta-BHC	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
319-86-8	delta-BHC	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
58-89-9	gamma-BHC (Lindane)	0.28	J	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
76-44-8	Heptachlor	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
309-00-2	Aldrin	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
1024-57-3	Heptachlor epoxide	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
959-98-8	Endosulfan I	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
60-57-1	Dieldrin	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
72-55-9	4,4'-DDE	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
72-20-8	Endrin	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
33213-65-9	Endosulfan II	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
72-54-8	4,4'-DDD	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
1031-07-8	Endosulfan sulfate	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
50-29-3	4,4'-DDT	0.5	UJ	0.2	UJ	0.2	UJ	0.69	UJ	3.3	U	0.61	UJ
72-43-5	Methoxychlor	2.5	U	1.	U	1.	U	3.4	U	16.	U	3.	U
53494-70-5	Endrin ketone	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
7421-93-4	Endrin aldehyde	0.5	U	0.2	U	0.2	U	0.69	U	3.3	U	0.61	U
5103-71-9	alpha-Chlordane	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
5103-74-2	gam-Chlordane	0.25	U	0.1	U	0.1	U	0.34	U	1.6	U	0.3	U
8001-35-2	Toxaphene	50.	U	20.	U	20.	U	69.	U	330.	U	61.	U
12674-11-2	Aroclor-1016	5.	U	2.	U	2.	U	6.9	U	33.	U	6.1	U
11104-28-2	Aroclor-1221	10.	U	4.1	U	4.	U	14.	U	65.	U	12.	U
11141-16-5	Aroclor-1232	5.	U	2.	U	2.	U	6.9	U	33.	U	6.1	U
53469-21-9	Aroclor-1242	5.	U	2.	U	2.	U	6.9	U	33.	U	6.1	U
12672-29-6	Aroclor-1248	5.	U	2.	U	2.	U	6.9	U	33.	U	6.1	U
11097-69-1	Aroclor-1254	5.	U	2.	U	2.	U	6.9	U	33.	U	6.1	U
11096-82-5	Aroclor-1260	2.4	J	2.	U	2.	U	6.9	U	10.	DJ	3.9	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-2604-01		042-M-2605-01		042-M-Z606-01		362-M-Z607-01		042-M-Z608-01		042-M-Z609-01	
	ORIGINAL ID ----->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	LAB SAMPLE ID --->	950922-10		950922-11		950922-12		150922-13		150922-14		950922-15	
	ID FROM REPORT -->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	SAMPLE DATE ----->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE EXTRACTED -->	12/10/95		12/10/95		12/10/95		12/10/95		12/10/95		12/10/95	
	DATE ANALYZED --->	12/18/95		12/18/95		12/18/95		12/18/95		12/18/95		12/18/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL
319-84-6	alpha-BHC	0.11	UR	0.38	J	0.11	UR	0.1	UR	0.1	UR	0.11	UR
319-85-7	beta-BHC	0.11	UR	0.19	UR	0.11	UR	0.1	UR	0.1	UR	0.11	UR
319-86-8	delta-BHC	0.11	UR	0.19	UR	0.11	UR	0.1	UR	0.1	UR	0.11	UR
58-89-9	gamma-BHC (Lindane)	0.11	UR	1.3	J	0.11	UR	0.1	UR	0.1	UR	0.22	J
76-44-8	Heptachlor	0.11	UR	0.19	UR	0.11	UR	0.1	UR	0.1	UR	0.11	UR
309-00-2	Aldrin	0.11	UR	1.	J	0.11	UR	0.1	UR	0.1	UR	0.11	UR
1024-57-3	Heptachlor epoxide	0.11	UR	0.19	UR	0.11	UR	0.1	UR	0.1	UR	0.11	UR
959-98-8	Endosulfan I	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
60-57-1	Dieldrin	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
72-55-9	4,4'-DDE	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
72-20-8	Endrin	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
33213-65-9	Endosulfan II	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
72-54-8	4,4'-DDD	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
1031-07-8	Endosulfan sulfate	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
50-29-3	4,4'-DDT	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
72-43-5	Methoxychlor	1.1	UR	1.9	UR	1.1	UR	1.	UR	1.	UR	1.1	UR
53494-70-5	Endrin ketone	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
7421-93-4	Endrin aldehyde	0.22	UR	0.38	UR	0.23	UR	0.21	UR	0.21	UR	0.23	UR
5103-71-9	alpha-Chlordane	0.11	UR	0.19	UR	0.11	UR	0.1	UR	0.1	UR	0.11	UR
5103-74-2	gam-Chlordane	0.11	UR	0.19	UR	0.11	UR	0.1	UR	0.1	UR	0.11	UR
8001-35-2	Toxaphene	22.	UR	38.	UR	23.	UR	21.	UR	21.	UR	23.	UR
12674-11-2	Aroclor-1016	4.2	UR	7.4	UR	4.4	UR	4.1	UR	4.1	UR	4.4	UR
11104-28-2	Aroclor-1221	8.5	UR	15.	UR	8.9	UR	8.3	UR	8.3	UR	9.	UR
11141-16-5	Aroclor-1232	4.2	UR	7.4	UR	4.4	UR	4.1	UR	4.1	UR	4.4	UR
53469-21-9	Aroclor-1242	4.2	UR	7.4	UR	4.4	UR	4.1	UR	4.1	UR	4.7	J
12672-29-6	Aroclor-1248	4.2	UR	7.4	UR	4.4	UR	4.1	UR	4.1	UR	4.4	UR
11097-69-1	Aroclor-1254	2.4	J	5.	J	1.	J	1.5	J	4.1	UR	4.4	UR
11096-82-5	Aroclor-1260	4.2	UR	7.4	UR	4.4	UR	4.1	UR	4.1	UR	4.4	UR

*** Validation Complete *+*

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

		042-M-2610-01 040MZ61001 950922-16 040MZ61001 11/09/95 12/10/95 12/18/95 sediment UG/KG		042-M-2611-01 040MZ61101 950922-01 04MZ61101 11/08/95 12/10/95 12/18/95 Sediment UG/KG		042-M-2612-01 040MZ61201 950922-02 04MZ61201 11/08/95 12/10/95 12/18/95 sediment UG/KG		042-M-2613-01 040MZ61301 950922-03 04MZ61301 11/08/95 12/10/95 12/18/45 Sediment UG/KG		042-M-2614-01 040MZ61401 950922-04 04MZ61401 11/08/95 12/10/95 12/18/95 Sediment UG/KG		042-M-2615-01 040MZ61501 950922-05 04MZ61501 11/08/95 12/10/95 12/18/95 Sediment UG/KG	
UNITS ---------->													
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL
319-84-6	alpha-BHC	0.1	UR	0.1	UR	0.11	UR	0.22	UR	0.11	UR	0.093	UR
319-85-7	beta-BHC	0.1	UR	0.1	UR	0.11	UR	0.14	UR	0.11	UR	0.093	UR
319-86-8	delta-BHC	0.1	UR	0.1	UR	0.11	UR	0.14	J	0.11	UR	0.093	UR
58-89-9	gamma-BHC (Lindane)	0.1	UR	0.1	UR	0.11	UR	0.58	UR	0.4	J	0.093	UR
76-44-8	Heptachlor	0.1	UR	0.1	UR	0.11	UR	0.14	J	0.11	UR	0.093	UR
309-00-2	Aldrin	0.1	UR	0.1	UR	0.11	UR	0.3	UR	0.11	UR	0.093	UR
1024-57-3	Heptachlor epoxide	0.1	UR	0.1	UR	0.11	UR	0.14	UR	0.11	UR	0.093	UR
959-98-8	Endosulfan I	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
60-57-1	Dieldrin	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
72-55-9	4,4'-DDE	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
72-20-8	Endrin	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
33213-65-9	Endosulfan II	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
72-54-8	4,4'-DDD	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.41	J	0.19	UR
1031-07-8	Endosulfan sulfate	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
50-29-3	4,4'-DDT	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.4	J	0.19	UR
72-43-5	Methoxychlor	1.	UR	1.	UR	1.1	UR	1.4	UR	1.1	UI	0.93	UR
53494-70-5	Endrin ketone	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
7421-93-4	Endrin aldehyde	0.21	UR	0.21	UR	0.22	UR	0.29	UR	0.23	UR	0.19	UR
5103-71-9	alpha-Chlordane	0.1	UR	0.1	UR	0.11	UR	0.14	UR	0.11	UR	0.11	J
5103-74-2	gamma-Chlordane	0.1	UR	0.1	UR	0.11	UR	0.14	UR	0.11	UR	0.093	UR
8001-35-2	Toxaphene	21.	UR	21.	UR	22.	UR	29.	UR	23.	UR	19.	UR
12674-11-2	Aroclor-1016	4.1	UR	4.1	UR	4.3	UR	5.6	UR	4.4	UR	3.7	UR
11104-28-2	Aroclor-1221	8.4	UR	8.4	UR	8.6	UR	11.	UR	9.	UR	7.5	UR
11141-16-5	Aroclor-1232	4.1	UR	4.1	UR	4.3	UR	5.6	UR	4.4	UR	3.7	UR
53469-21-9	Aroclor-1242	4.1	UR	4.1	UR	4.3	UR	5.6	UR	4.4	UR	3.7	UR
12672-29-6	Aroclor-1248	4.1	UR	4.1	UR	4.3	UR	5.6	UR	4.4	UR	3.7	UR
11097-69-1	Aroclor-1254	2.	J	1.5	J	1.5	J	2.8	J	3.9	J	1.3	J
11096-82-5	Aroclor-1260	4.1	UR	4.1	UR	4.3	J	5.6	UR	4.4	UR	3.7	UR

++*Validation Complete +++

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID -------:	042-M-Z616-01		042-M-2617-01		042-M-Z618-01		042-M-2619-01		042-M-2620-01		042-M-Z621-01	
	ORIGINAL ID -----:	040MZ61601		040MZ61701		040MZ61801		040MZ61901		040MZ62001		040MZ62101	
	LAB SAMPLE ID ---:	950922-06		950922-07		950922-08		960084-02		950899-14		950899-15	
	ID FROM REPORT --:	04MZ61601		04MZ61701		04MZ61801		040MZ61901		040MZ62001		040MZ62101	
	SAMPLE DATE -----:	11/08/95		11/08/95		11/08/95		01/31/96		11/06/95		11/06/95	
	DATE EXTRACTED --:	12/10/95		12/10/95		12/10/95		02/ 11/%		11/09/95		11/09/95	
	DATE ANALYZED ---:	12/18/95		12/18/95		12/18/95		03/11/96		12/01/95		12/01/95	
	MATRIX ----------:	Sediment		Sediment		sediment		Sediment		sediment		Sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	Z61101	VAL	261101	VAL	MZ6020	VAL	040EM0	VAL	040EM0	VAL
319-84-6	alpha-BHC	0.44	J	0.1	UR	0.65	J	1.4	U	0.11	UJ	0.11	UJ
319-85-7	beta-BHC	0.26	UR	0.1	UR	0.14	UR	1.4	U	0.11	U	0.11	U
319-86-8	delta-BHC	0.26	UR	0.1	UR	0.14	UR	1.4	U	0.11	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.85	J	0.1	UR	0.85	J	0.48	DJ	1.2	J	0.11	U
76-44-8	Heptachlor	0.26	UR	0.1	UR	0.14	UR	1.4	U	0.11	U	0.11	U
309-00-2	Aldrin	0.26	UR	0.1	UR	0.41	J	1.4	U	0.11	U	0.11	U
1024-57-3	Heptachlor epoxide	0.26	UR	0.1	UR	0.14	UR	1.4	U	0.11	U	0.11	U
959-98-8	Endosulfan I	0.52	UR	0.21	UR	0.28	UR	1.4	U	0.11	U	0.28	J
60-57-1	Dieldrin	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
72-55-9	4,4'-DDE	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
72-20-8	Endrin	0.61	J	0.29	J	0.28	UR	2.8	U	0.23	U	0.21	U
33213-65-9	Endosulfan II	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
72-54-8	4,4'-DDD	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
1031-07-8	Endosulfan sulfate	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
50-29-3	4,4'-DDT	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
72-43-5	Methoxychlor	2.6	UR	1.	UR	1.4	UR	14.	U	1.1	U	1.1	U
53494-70-5	Endrin ketone	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
7421-93-4	Endrin aldehyde	0.52	UR	0.21	UR	0.28	UR	2.8	U	0.23	U	0.21	U
5103-71-9	alpha-Chlordane	0.46	J	0.1	UR	0.14	UR	1.4	U	0.11	U	0.11	U
5103-74-2	gamma-Chlordane	0.26	UR	0.1	UR	0.14	UR	1.4	U	0.11	U	0.11	U
8001-35-2	Toxaphene	52.	UR	21.	UR	28.	UR	280.	U	11.	U	11.	U
12674-11-2	Aroclor-1016	10.	UR	4.2	UR	5.5	UR	28.	U	23	U	2.1	U
11104-28-2	Aroclor-1221	21.	UR	8.5	UR	11.	UR	54.	U	4.5	U	4.1	U
11141-16-5	Aroclor-1232	10.	UR	4.2	UR	5.5	UR	28.	U	2.3	U	2.1	U
53469-21-9	Aroclor-1242	10.	UR	4.2	UR	5.5	UR	28.	U	2.3	U	2.1	U
12672-29-6	Aroclor-1248	10.	UR	4.2	UR	5.5	UR	28.	U	2.3	U	2.1	U
11097-69-1	Aroclor-1254	6.5	J	1.4	J	3.6	J	28.	U	2.3	U	2.1	U
11096-82-5	Aroclor-1260	10.	UR	4.2	UR	5.5	UR	28.	U	2.3	U	2.1	U

*** Validation Complete ***

primary samples

PEST													
	SAMPLE ID ------->	042-H-2622-01		042-H-2623-01		042-H-2701-01		042-H-2702-01		042-M-2703-01		042-H-2704-01	
	ORIGINAL ID ----->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	LAB SAMPLE ID --->	950899-16		950899-17		950899-18		950899-19		950899-20		950899-21	
	ID FROM REPORT -->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	SAMPLE DATE ----->	11/06/95		11/06/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE EXTRACTED -->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE ANALYZED --->	12/01/95		12/01/95		12/01/95		12/01/95		12/01/95		12/01/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
319-84-6	alpha-BHC	4.9	J	0.11	UJ	0.11	UJ	0.16	J	0.11	UJ	0.11	UJ
319-85-7	beta-BHC	0.12	J	0.11	U	0.11	U	0.11	U	0.11	U	0.11	UJ
319-86-8	delta-BHC	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.52	J	0.11	U	0.11	U	0.46	J	0.11	U	0.11	UJ
76-44-8	Heptachlor	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	UJ
309-00-2	Aldrin	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	UJ
1024-57-3	Heptachlor epoxide	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	UJ
959-98-8	Endosulfan I	0.11	U	0.38		0.21		0.35	J	0.11	U	0.23	J
60-57-1	Dieldrin	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
72-55-9	4,4'-DDE	0.2	J	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
72-20-8	Endrin	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
33213-65-9	Endosulfan II	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
72-54-8	4,4'-DDD	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
1031-07-8	Endosulfan sulfate	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
50-29-3	4,4'-DDT	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
72-43-5	Methoxychlor	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	UJ
53494-70-5	Endrin ketone	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
7421-93-4	Endrin aldehyde	0.23	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
5103-71-9	alpha-Chlordane	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	UJ
5103-74-2	gamma-Chlordane	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	UJ
8001-35-2	Toxaphene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	UJ
12674-11-2	Aroclor-1016	2.3	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	UJ
11104-28-2	Aroclor-1221	4.4	U	4.1	U	4.1	U	4.1	U	4.2	U	4.1	UJ
11141-16-5	Aroclor-1232	2.3	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	UJ
53469-21-9	Aroclor-1242	2.3	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	UJ
12672-29-6	Aroclor-1248	2.3	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	UJ
11097-69-1	Aroclor-1254	2.3	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	UJ
11096-82-5	Aroclor-1260	2.3	U	2.1	U	2.1	U	2.1	U	2.2	U	2.1	UJ

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST

SAMPLE ID ------->	042-M-Z705-01	042-M-Z706-01	042-M-Z707-01	042-M-Z708-01	042-M-Z709-01	042-M-Z710-01
ORIGINAL ID ----->	040MZ70501	040MZ70601	040MZ70701	040MZ70801	040MZ70901	040MZ71001
LAB SAMPLE ID --->	950899-05	950899-06	950899-07	950899-08	950899-09	960093-13
ID FROM REPORT -->	040MZ70501	040MZ70601	040MZ70701	040MZ70801	040MZ70901	040MZ71001
SAMPLE DATE ----->	11/02/95	11/02/95	11/01/95	11/02/95	11/02/95	02/06/96
DATE EXTRACTED -->	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95	02/12/96
DATE ANALYZED --->	11/30/95	11/30/95	11/30/95	11/30/95	11/30/95	03/11/96
MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ1010	VAL
319-84-6	alpha-BHC	0.18	J	0.11	UJ	0.1	UJ	0.15	J	0.36	J	0.11	U
319-85-7	beta-BHC	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U
319-86-8	delta-BHC	0.1	UJ	0.11	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.11	U
58-89-9	gamma-BHC (Lindane)	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U
76-44-8	Heptachlor	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U
309-00-2	Aldrin	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U
1024-57-3	Heptachlor epoxide	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U
959-98-8	Endosulfan I	0.1	U	0.26	J	0.36	J	0.57	J	0.28	J	0.11	U
60-57-1	Dieldrin	0.21	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
72-55-9	4,4'-DDE	0.21	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
72-20-8	Endrin	0.21	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
33213-65-9	Endosulfan II	0.21	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
72-54-8	4,4'-DDD	0.21	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
1031-07-8	Endosulfan sulfate	0.21	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
50-29-3	4,4'-DDT	0.21	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
72-43-5	Methoxychlor	1.	U	1.1	U	1.	U	1.	U	1.	U	1.1	U
53494-70-5	Endrin ketone	0.2	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
7421-93-4	Endrin aldehyde	0.2	U	0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
5103-71-9	alpha-Chlordane	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.22	U
5103-74-2	gamma-Chlordane	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U
8001-35-2	Toxaphene	10.	U	11.	U	10.	U	10.	U	10.	U	22.	U
12674-11-2	Aroclor-1016	2.1	U	2.1	U	2.1	U	2.	U	2.1	U	2.2	U
11104-28-2	Aroclor-1221	4.	U	4.1	U	4.	U	3.9	U	4.1	U	4.2	U
11141-16-5	Aroclor-1232	2.1	U	2.1	U	2.1	U	2.	U	2.1	U	2.2	U
53469-21-9	Aroclor-1242	2.1	U	2.1	U	2.1	U	2.	U	2.1	U	2.2	U
12672-29-6	Aroclor-1248	2.1	U	2.1	U	2.1	U	2.	U	2.1	U	2.2	U
11097-69-1	Aroclor-1254	2.1	U	2.1	U	2.1	U	2.	U	2.1	U	2.2	U
11096-82-5	Aroclor-1260	2.1	U	2.1	U	2.1	U	2.	U	2.1	U	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-Z711-01		042-M-2712-01		042-M-Z713-01		042-M-2714-01		042-M-2715-01		042-M-Z716-01	
	ORIGINAL ID ----->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	LAB SAMPLE ID --->	950899-10		950899-11		950899-12		950899-03		950887-10		950887-11	
	ID FROM REPORT -->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ7160I	
	SAMPLE DATE ----->	11/01/95		11/02/95		11/02/95		11/01/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	11/09/95		11/09/95		11/09/95		11/09/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/30/95		11/30/95		12/01/95		11/30/95		11/27/95		11/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	1427230	VAL
319-84-6	alpha-BHC	0.1	UJ	0.1	UJ	0.11	UJ	0.1	UJ	0.1	UJ	0.34	J
319-85-7	beta-BHC	0.1	U	0.1	U	0.11	U	0.1	U	0.1	UJ	0.11	U
319-86-8	delta-BHC	0.1	UJ	0.1	UJ	0.11	UJ	0.1	UJ	0.1	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.1	U	0.1	U	0.11	U	0.1	U	0.18	J	0.17	J
76-44-8	Heptachlor	0.1	U	0.1	U	0.11	U	0.1	U	0.1	UJ	0.11	U
309-00-2	Aldrin	0.1	U	0.1	U	0.11	U	0.1	U	0.1	UJ	0.11	U
1024-57-3	Heptachlor epoxide	0.1	U	0.1	U	0.11	U	0.1	U	0.1	UJ	0.11	U
959-98-8	Endosulfan I	0.35	J	0.62		0.33	J	0.35	J	0.41	UJ	0.41	J
60-57-1	Dieldrin	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
72-55-9	4,4'-DDE	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
72-20-8	Endrin	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
33213-65-9	Endosulfan II	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
72-54-8	4,4'-DDD	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
1031-07-8	Endosulfan sulfate	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
50-29-3	4,4'-DDT	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
72-43-5	Methoxychlor	1.	U	1.	U	1.1	U	1.	U	1.	UJ	1.1	U
53494-70-5	Endrin ketone	0.2	U	0.21	U	0.22	U	0.2	U	0.21	UJ	0.22	U
7421-93-4	Endrin aldehyde	0.2	U	0.21	U	0.22	U	0.2	U	0.3	J	0.22	U
5103-71-9	alpha-Chlordane	0.1	U	0.1	U	0.11	U	0.1	U	0.1	UJ	0.11	U
5103-74-2	gamma-Chlordane	0.1	U	0.1	U	0.11	U	0.1	U	0.1	UJ	0.11	U
8001-35-2	Toxaphene	10.	U	10.	U	11.	U	10.	U	10.	UJ	11.	U
12674-11-2	Aroclor-1016	2.	U	2.1	U	2.2	U	2.	U	2.1	UJ	2.2	U
11104-28-2	Aroclor-1221	3.9	U	4.1	U	4.4	U	4.	U	4.1	UJ	4.2	U
11141-16-5	Aroclor-1232	2.	U	2.1	U	2.2	U	2.	U	2.1	UJ	2.2	U
53469-21-9	Aroclor-1242	2.	U	2.1	U	2.2	U	2.	U	2.1	UJ	2.2	U
12672-29-6	Aroclor-1248	2.	U	2.1	U	2.2	U	2.	U	2.1	UJ	2.2	U
11097-69-1	Aroclor-1254	2.	U	2.1	U	2.2	U	2.	U	2.1	UJ	2.2	U
11096-82-5	Aroclor-1260	2.	U	2.1	U	2.2	U	2.	U	2.1	UJ	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-H-2717-01		042-M-2718-01		042-M-2719-01		042-M-2720-01		042-M-2721-01		042-M-2722-01	
	ORIGINAL ID ----->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	LAB SAMPLE ID --->	950887-12		950887-13		950887-14		950887-15		950887-16		950887-17	
	ID FROM REPORT -->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	SAMPLE DATE ----->	10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	11/07/95		11/07/95		11/07/95		11/07/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/27/95		11/27/95		11/27/95		11/27/95		11/27/95		11/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	1127230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	1127230	VAL	MZ7230	VAL
319-84-6	alpha-BHC	0.61	J	0.1	UJ	0.11	UJ	0.11	UJ	0.16	J	0.11	UJ
319-85-7	beta-BHC	0.11	UJ	0.1	U	0.11	UJ	0.11	U	0.11	U	0.11	U
319-86-8	delta-BHC	0.11	UJ	0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.19	J	0.15	J	0.15	J	0.11	U	0.3	J	0.24	J
76-44-8	Heptachlor	0.11	UJ	0.1	U	0.11	UJ	0.11	U	0.11	U	0.11	U
309-00-2	Aldrin	0.11	UJ	0.1	U	0.11	UJ	0.11	U	0.11	U	0.11	U
1024-57-3	Heptachlor epoxide	0.11	UJ	0.1	U	0.11	UJ	0.11	U	0.11	U	0.11	U
959-98-8	Endosulfan I	0.43	UJ	0.56	J	0.42	UJ	0.42	U	0.42	U	0.42	U
60-57-1	Dieldrin	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.21	U	0.21	U
72-55-9	4,4'-DDE	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.21	U	0.21	U
72-20-8	Endrin	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.13	J	0.21	U
33213-65-9	Endosulfan II	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.53	J	0.21	U
72-54-8	4,4'-DDD	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.21	U	0.21	U
1031-07-8	Endosulfan sulfate	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.21	U	0.21	U
50-29-3	4,4'-DDT	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.39	J	0.21	U
72-43-5	Methoxychlor	1.1	UJ	1.	U	1.1	UJ	1.1	U	1.1	U	1.1	U
53494-70-5	Endrin ketone	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.21	U	0.21	U
7421-93-4	Endrin aldehyde	0.22	UJ	0.2	U	0.22	UJ	0.22	U	0.21	U	0.21	U
5103-71-9	alpha-Chlordane	0.11	UJ	0.1	U	0.11	UJ	0.11	U	0.19	J	0.11	U
5103-74-2	gamma-Chlordane	0.11	UJ	0.1	U	0.11	UJ	0.11	U	0.11	U	0.11	U
8001-35-2	Toxaphene	11.	UJ	10.	U	11.	UJ	11.	U	11.	U	11.	U
12674-11-2	Aroclor-1016	2.2	UJ	2.	U	22	UJ	2.2	U	2.1	U	2.1	U
11104-28-2	Aroclor-1221	4.3	UJ	3.9	U	4.2	UJ	4.2	U	4.2	U	4.2	U
11141-16-5	Aroclor-1232	2.2	UJ	2.	U	2.2	UJ	2.2	U	2.1	U	2.1	U
53469-21-9	Aroclor-1242	2.2	UJ	2.	U	2.2	UJ	2.2	U	2.1	U	2.1	U
12672-29-6	Aroclor-1248	2.2	UJ	2.	U	2.2	UJ	2.2	U	2.1	U	2.1	U
11097-69-1	Aroclor-1254	2.2	UJ	2.	U	2.2	UJ	2.2	U	2.1	U	2.1	U
11096-82-5	Aroclor-1260	2.2	UJ	2.	U	2.2	UJ	2.2	U	2.1	U	2.1	U

*** Validation Complete ***

primary samples

PEST															
	SAMPLE ID ------->	042-H-2723-01		042-M-2724-01		042-M-2725-01		042-H-2726-01		042-M-2727-01		042-M-2728-01	
	ORIGINAL ID ----->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	LAB SAMPLE ID --->	950887-01		950887-02		950887-03		950887-04		950887-05		950887-06	
	ID FROM REPORT -->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	SAMPLE DATE ----->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	DATE EXTRACTED -->	11/07/95		11/07/95		11/07/95		11/07/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/27/95		11/27/95		11/27/95		11/27/95		11/27/95		11/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
319-84-6	alpha-BHC	0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.098	UJ	0.11	UJ
319-85-7	beta-BHC	0.1	U	0.11	UJ	0.11	U	0.11	U	0.15		0.11	U
319-86-8	delta-BHC	0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.098	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.1	U	0.11	UJ	0.11	U	0.11	U	0.41	J	0.11	U
76-44-8	Heptachlor	0.3		0.11	UJ	0.16	J	0.11	U	0.098	U	0.45	J
309-00-2	Aldrin	0.1	U	0.11	UJ	0.11	U	0.11	U	0.098	U	0.11	U
1024-57-3	Heptachlor epoxide	0.1	U	0.11	UJ	0.11	U	0.11	U	0.098	U	0.11	U
959-98-8	Endosulfan I	0.39	U	0.42	UJ	0.47		0.43	U	0.4	J	0.42	U
60-57-1	Dieldrin	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
72-55-9	4,4'-DDE	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
72-20-8	Endrin	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
33213-65-9	Endosulfan II	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
72-54-8	4,4'-DDD	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
1031-07-8	Endosulfan sulfate	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
50-29-3	4,4'-DDT	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
72-43-5	Hethoxychlor	1.	U	1.1	UJ	1.1	U	1.1	U	0.98	U	1.1	U
53494-70-5	Endrin ketone	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
7421-93-4	Endrin aldehyde	0.2	U	0.22	UJ	0.21	U	0.22	U	0.2	U	0.22	U
5103-71-9	alpha-Chlordane	0.1	U	0.11	UJ	0.11	U	0.11	U	0.098	U	0.11	U
5103-74-2	gamma-Chlordane	0.1	U	0.11	UJ	0.11	U	0.11	U	0.098	U	0.11	U
8001-35-2	Toxaphene	10.	U	11.	UJ	11.	U	11.	U	9.8	U	11.	U
12674-11-2	Aroclor-1016	2.	U	2.2	UJ	2.1	U	2.2	U	2.	U	2.2	U
11104-28-2	Aroclor-1221	3.9	U	4.2	UJ	4.1	U	4.3	U	3.8	U	4.2	U
11141-16-5	Aroclor-1232	2.	U	2.2	UJ	2.1	U	2.2	U	2.	U	2.2	U
53469-21-9	Aroclor-1242	2.	U	2.2	UJ	2.1	U	2.2	U	2.	U	2.2	U
12672-29-6	Aroclor-1248	2.	U	2.2	UJ	2.1	U	2.2	U	2.	U	2.2	U
11097-69-1	Aroclor-1254	2.	U	2.2	UJ	2.1	U	2.2	U	2.	U	2.2	U
11096-82-5	Aroclor-1260	2.	U	2.2	UJ	2.1	U	2.2	U	2.	U	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST															
	SAMPLE ID -------:	042-W-2729-01		042-M-2730-01		042-M-2731-01		042-M-2732-01		042-M-2733-01		042-M-2734-01	
	ORIGINAL ID -----:	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	LAB SAMPLE ID ---:	960093-14		950887-07		950887-08		950876-10		950876-11		950876-12	
	ID FROM REPORT --:	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	SAMPLE DATE -----:	02/06/96		10/27/95		10/27/95		10/26/95		10/26/95		10/26/95	
	DATE EXTRACTED --:	02/12/96		11/07/95		11/07/95		11/06/95		11/06/95		11/06/95	
	DATE ANALYZED ---:	03/11/96		11/27/95		11/27/95		11/30/95		11/30/95		11/30/95	
	MATRIX ----------:	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	MZ7230	VAL	MZ7230	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
319-84-6	alpha-BHC	0.1	U	0.19	J	0.11	UJ	0.1	UJ	0.11	UJ	0.11	UJ
319-85-7	beta-BHC	0.1	U	0.11	U	0.11	UJ	0.1	UJ	0.11	UJ	0.11	UJ
319-86-8	delta-BHC	0.1	U	0.11	UJ	0.11	UJ	0.4	J	0.11	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.1	U	0.4	J	0.11	UJ	0.47	J	0.15	J	0.11	U
76-44-8	Heptachlor	0.1	U	0.11	U	0.11	UJ	0.1	UJ	0.11	UJ	0.11	U
309-00-2	Aldrin	0.1	U	0.11	U	0.11	UJ	0.43	J	0.33	J	0.23	J
1024-57-3	Heptachlor epoxide	0.1	U	0.11	U	0.11	UJ	0.1	UJ	0.11	UJ	0.11	U
959-98-8	Endosulfan I	0.1	U	0.7		0.45	J	0.1	UJ	0.11	UJ	0.11	U
60-57-1	Dieldrin	0.21	U	0.22	U	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
72-55-9	4,4'-DDE	0.21	U	0.22	U	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
72-20-8	Endrin	0.21	U	0.22	U	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
33213-65-9	Endosulfan II	0.21	U	0.22	U	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
72-54-8	4,4'-DDD	0.21	U	0.22	U	0.22	UJ	0.19	J	0.22	UJ	0.22	U
1031-07-8	Endosulfan sulfate	0.21	U	0.24	J	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
50-29-3	4,4'-DDT	0.21	U	0.22	U	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
72-43-5	Hethoxychlor	1.	U	1.1	U	1.1	UJ	1.	UJ	1.1	UJ	1.1	U
53494-70-5	Endrin ketone	0.21	U	0.26	J	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
7421-93-4	Endrin aldehyde	0.21	U	0.37	J	0.22	UJ	0.2	UJ	0.22	UJ	0.22	U
5103-71-9	alpha-Chlordane	0.21	U	0.11	U	0.11	UJ	0.1	UJ	0.14	J	0.11	U
5103-74-2	gamma-Chlordane	0.1	U	0.11	U	0.11	UJ	0.1	UJ	0.11	UJ	0.11	U
8001-35-2	Toxaphene	21.	U	11.	U	11.	UJ	10.	UJ	11.	UJ	11.	U
12674-11-2	Aroclor-1016	2.1	U	2.2	U	2.2	UJ	2.	UJ	2.2	UJ	2.2	U
11104-28-2	Aroclor-1221	4.1	U	4.3	U	4.3	UJ	3.9	UJ	4.3	UJ	4.2	U
11141-16-5	Aroclor-1232	2.1	U	2.2	U	2.2	UJ	2.	UJ	22	UJ	2.2	U
53469-21-9	Aroclor-1242	2.1	U	2.2	U	2.2	UJ	81	J	6.9	J	2.2	U
12672-29-6	Aroclor-1248	2.1	U	2.2	U	2.2	UJ	2.	UJ	2.2	UJ	2.2	U
11097-69-1	Aroclor-1254	2.1	U	2.2	U	2.2	UJ	2.	UJ	2.2	UJ	2.2	U
11096-82-5	Aroclor-1260	2.1	U	2.2	U	2.2	UJ	2.	UJ	2.2	UJ	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID -------:	042-M-Z735-01		042-M-Z736-01		042-M-Z737-01		042-M-Z738-01		042-M-Z739-01		042-M-Z740-01	
	ORIGINAL ID -----:	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	LAB SAMPLE ID ---:	950876-13		950876-14		950876-15		960093-15		950876-16		950876-17	
	ID FROM REPORT --:	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	SAMPLE DATE -----:	10/26/95		10/26/95		10/26/95		02/06/96		10/26/95		10/26/95	
	DATE EXTRACTED --:	11/06/95		11/06/95		11/06/95		02/12/96		11/06/95		11/06/95	
	DATE ANALYZED ---:	11/30/95		11/30/95		11/30/95		03/11/96		11/30/95		11/30/95	
	MATRIX ----------:	Sediment		Sediment		Sediment		Sediment		sediment		sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	MZ8030	VAL	MZ8030	VAL
319-84-6	alpha-BHC	0.11	UJ	0.11	UJ	0.11	UJ	0.1	U	0.11	UJ	0.4	J
319-85-7	beta-BHC	0.11	U	0.11	UJ	0.11	U	0.1	U	0.11	UJ	0.11	U
319-86-8	delta-BHC	0.11	UJ	0.11	UJ	0.21	J	0.1	U	0.11	UJ	0.11	J
58-89-9	gamma-BHC (Lindane)	0.11	U	0.11	UJ	0.11	U	0.1	U	0.12	J	0.11	U
76-44-8	Heptachlor	0.11	U	0.11	UJ	0.11	U	0.1	U	0.11	UJ	0.11	U
309-00-2	Aldrin	0.11	U	0.11	UJ	0.11	U	0.1	U	0.11	UJ	0.11	U
1024-57-3	Heptachlor epoxide	0.11	U	0.11	UJ	0.11	U	0.1	U	0.11	UJ	0.11	U
959-98-8	Endosulfan I	0.11	U	0.11	UJ	0.11	U	0.15		0.11	UJ	0.11	U
60-57-1	Dieldrin	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
72-55-9	4,4'-DDE	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
72-20-8	Endrin	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
33213-65-9	Endosulfan II	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
72-54-8	4,4'-DDD	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
1031-07-8	Endosulfan sulfate	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
50-29-3	4,4'-DDT	0.47	J	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
72-43-5	Methoxychlor	1.1	U	1.1	UJ	1.1	U	1.	U	1.1	UJ	1.1	U
53494-70-5	Endrin ketone	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
7421-93-4	Endrin aldehyde	0.21	U	0.22	UJ	0.22	U	0.21	U	0.22	UJ	0.22	U
5103-71-9	alpha-Chlordane	0.11	U	0.11	UJ	0.11	U	0.21	U	0.11	UJ	0.11	U
5103-74-2	gamma-Chlordane	0.11	U	0.11	UJ	0.15	J	0.1	U	0.11	UJ	0.11	U
8001-35-2	Toxaphene	11.	U	11.	UJ	11.	U	21.	U	11.	UJ	11.	U
12674-11-2	Aroclor-1016	2.1	U	2.2	UJ	2.2	U	2.1	U	2.2	UJ	2.2	U
11104-28-2	Aroclor-1221	4.1	U	4.3	UJ	4.2	U	4.	U	4.3	UJ	4.2	U
11141-16-5	Arotlor-1232	2.1	U	2.2	UJ	2.2	U	2.1	U	2.2	UJ	2.2	U
53469-21-9	Aroclor-1242	2.1	U	2.2	UJ	2.2	U	2.1	U			2.2	U
12672-29-6	Aroclor-1248	2.1	U	2.2	UJ	22	U	2.1	U	22	UJ	2.2	U
11097-69-1	Aroclor-1254	2.1	U	2.2	UJ	2.2	U	2.1	U	2.2	UJ	2.2	U
11096-82-5	Aroclor-1260	2.1	U	2.2	UJ	2.2	U	2.1	U	2.2	UJ	2.2	U

*** Validation Complete ***

PEST															
	SAMPLE ID ------->	042-H-2801-01		042-M-2802-01		042-M-Z803-01		042-M-2804-01		042-M-Z805-01		042-M-2806-01	
	ORIGINAL ID ----->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	LAB SAMPLE ID --->	950930-05		950876-18		950876.0 1		350876-02		950876-03		950876-04	
	ID FROM REPORT -->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	SAMPLE DATE ----->	11/13/95		10/26/95		10/25/95		10/25/95		10/25/95		10/25/95	
	DATE EXTRACTED -->	11/19/95		11/06/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE ANALYZED --->	12/08/95		11/30/95		11/29/95		11/29/95		11/29/95		11/29/95	
	MATRIX ---------->	Sediment		Sediment		sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	MZ8030	VAL	I428030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
319-84-6	alpha-BHC	0.14	J	0.1	UJ	1.9	J	0.63	J	2.9	J	0.37	J
319-85-7	beta-BHC	0.13	U	0.1	UJ	0.12	U	0.11	U	0.35	U	0.11	U
319-86-8	delta-BHC	0.13	U	0.1	UJ	0.12	UJ	0.11	UJ	0.35	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.13	U	0.1	UJ	0.12	U	0.11	U	0.35	U	0.11	U
76-44-8	Heptachlor	0.13	U	0.1	UJ	0.12	U	0.11	U	0.35	U	0.11	U
309-00-2	Aldrin	0.13	U	0.1	UJ	0.12	U	0.11	U	0.77		0.11	U
1024-57-3	Heptachlor epoxide	0.13	U	0.1	UJ	0.12	U	0.11	U	0.35	U	0.11	U
959-98-8	Endosulfan I	0.13	U	0.1	UJ	0.12	U	0.11	U	0.35	U	0.11	U
60-57-1	Dieldrin	0.25	U	0.2	UJ	0.23	U	0.22	U	0.7	U	0.22	U
72-55-9	4,4'-DDE	0.25	U	0.2	UJ	0.23	U	0.22	U	0.7	U	0.22	U
72-20-8	Endrin	0.25	U	0.24	J	0.23	U	0.22	U	0.7	U	0.22	U
33213-65-9	Endosulfan II	0.25	U	0.2	UJ	0.23	U	0.22	U	0.7	U	0.22	U
72-54-8	4,4'-DDD	0.44		0.2	UJ	0.23	U	0.22	U	0.7	U	0.22	U
1031-07-8	Endosulfan sulfate	0.25	U	0.2	UJ	0.23	U	0.22	U	0.7	U	0.22	U
50-29-3	4,4'-DDT	0.25	UJ	0.23	J	1.2		0.22	U	0.7	U	0.22	U
72-43-5	Methoxychlor	1.3	U	1.	UJ	1.2	U	1.1	U	35	U	1.1	U
53494-70-5	Endrin ketone	0.25	U	0.2	UJ	0.23	U	0.22	U	0.7	U	0.22	U
7421-93-4	Endrin aldehyde	0.25	U	0.2	UJ	0.22	J	0.2	J	0.7	U	0.22	U
5103-71-9	alpha-Chlordane	0.13	U	0.14	J	0.12	U	0.11	U	0.35	U	0.11	U
5103-74-2	gamma-Chlordane	0.13	U	0.1	UJ	0.12	U	0.11	U	0.35	U	0.11	U
8001-35-2	Toxaphene	25.	U	10.	UJ	12.	U	11.	U	35.	U	11.	U
12674-11-2	Aroclor-1016	2.5	U	2.	UJ	2.3	U	2.2	U	7.	U	2.2	U
11104-28-2	Aroclor-1221	5.1	U	3.9	UJ	4.6	U	4.2	U	14.	U	4.2	U
11141-16-5	Aroclor-1232	2.5	U	2.	UJ	2.3	U	2.2	U	7.	U	2.2	U
53469-21-9	Aroclor-1242	2.5	U	2.	UJ	2.3	U	2.2	U	7.	U	2.2	U
12672-29-6	Aroclor-1248	2.5	U	2.	UJ	2.3	U	2.2	U	7.	U	2.2	U
11097-69-1	Aroclor-1254	2.5	U	2.	UJ	2.3	U	2.2	U	7.	U	2.2	U
11096-82-5	Aroclor-1260	2.5	U	2.	UJ	2.3	U	2.2	U	7.	U	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-Z807-01		042-M-2808-01		042-M-Z809-01		042-M-Z810-01		042-M-Z811-01		042-M-2812-01	
	ORIGINAL ID ----->	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	LAB SAMPLE ID --->	950876-05		950876-06		950876-07		950876-08		960093-16		950865-19	
	ID FROM REPORT -->	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	SAMPLE DATE ----->	10/25/95		10/25/95		10/25/95		10/25/95		02/06/96		10/24/95	
	DATE EXTRACTED -->	11/06/95		11/06/95		11/06/95		11/06/95		02/12/96		11/05/95	
	DATE ANALYZED --->	11/29/95		11/29/95		11/29/95		11/29/95		03/11/96		11/26/95	
	MATRIX ---------->	sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	EM0010	VAL
319-84-6	alpha-BHC	3.	J	1.1	J	0.11	UJ	0.95	J	0.13	U	1.5	J
319-85-7	beta-BHC	0.22	U	0.12	U	0.11	U	0.11	U	0.13	U	0.11	U
319-86-8	delta-BHC	0.22	UJ	0.12	UJ	0.17	J	0.11	UJ	0.13	U	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.22	U	0.12	U	0.11	U	0.2	J	0.13	U	0.11	U
76-44-8	Heptachlor	0.22	U	0.12	U	0.11	U	0.11	U	0.13	U	0.11	U
309-00-2	Aldrin	0.22	U	0.12	U	0.11	U	0.11	U	0.13	U	0.11	U
1024-57-3	Heptachlor epoxide	0.22	U	0.12	U	0.11	U	0.11	U	0.13	U	0.11	U
959-98-8	Endosulfan I	0.22	U	0.12	U	0.11	U	0.11	U	0.13	J	0.18	
60-57-1	Dieldrin	0.45	U	0.25	U	0.21	U	0.22	U	0.26	U	0.23	U
72-55-9	4,4'-DDE	0.45	U	0.25	U	0.21	U	0.22	U	0.26	U	0.23	U
72-20-8	Endrin	0.45	U	0.25	U	0.21	U	0.22	U	0.26	U	0.23	U
33213-65-9	Endosulfan II	0.45	U	0.25	U	0.21	U	0.22	U	0.26	U	0.23	U
72-54-8	4,4'-DDD	0.62	J	0.25	U	0.21	U	0.22	U	0.25	J	0.23	U
1031-07-8	Endosulfan sulfate	0.45	U	0.25	U	0.21	U	0.22	U	0.26	U	0.23	U
50-29-3	4,4'-DDT	0.45	U	0.25	U	0.21	U	0.22	U	0.58	J	0.23	U
72-43-5	Methoxychlor	2.2	U	1.2	U	1.1	U	1.1	U	1.3	U	1.1	U
53494-70-5	Endrin ketone	0.45	U	0.25	U	0.21	U	0.22	U	0.26	U	0.23	U
7421-93-4	Endrin aldehyde	0.45	U	0.25	U	0.21	U	0.22	U	0.26	U	0.23	U
5103-71-9	alpha-Chlordane	0.22	U	0.12	U	0.11	U	0.11	U	0.26	U	0.11	U
5103-74-2	gamma-Chlordane	0.22	U	0.12	U	0.11	U	0.11	U	0.13	U	0.11	U
8001-35-2	Toxaphene	22.	U	12.	U	11.	U	11.	U	26.	U	23.	U
12674-11-2	Aroclor-1016	4.5	U	2.5	U	2.1	U	2.2	U	2.6	U	4.4	U
11104-28-2	Aroclor-1221	8.7	U	4.8	U	4.1	U	4.3	U	5.	U	8.9	U
11141-16-5	Aroclor-1232	6.5	U	2.5	U	2.1	U	2.2	U	2.6	U	4.4	U
53469-21-9	Aroclor-1242	4.5	U	2.5	U	2.1	U	5.8	J	2.6	U	4.4	U
12672-29-6	Aroclor-1248	4.5	U	2.5	U	2.1	U	2.2	U	2.6	U	4.4	U
11097-69-1	Aroclor-1254	4.5	U	2.5	U	2.1	U	2.2	U	2.6	U	4.4	U
11096-82-5	Aroclor-1260	4.5	U	2.5	U	2.1	U	2.2	U	2.6	U	4.4	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST															
	SAMPLE ID ------->	042-M-Z813-01		042-M-Z814-01		042-M-Z815-01		042-M-2816-01		042-M-Z817-01		042-M-2818-01	
	ORIGINAL ID ----->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	LAB SAMPLE ID --->	950865-18		950865-17		950865-16		950865-15		950865-14		950865-13	
	ID FROM REPORT -->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		11/05/95		11/05/95		11/05/95	
	DATE ANALYZED --->	11/26/95		11/26/95		11/26/95		11/26/95		11/26/95		11/26/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
319-84-6	alpha-BHC	1.1	J	1.3	J	2.8	J	0.47	J	0.92	J	1.1	J
319-85-7	beta-BHC	0.11	U	0.11	U	0.13	U	0.17	J	0.11	U	0.11	UJ
319-86-8	delta-BHC	0.11	UJ	0.11	UJ	0.13	UJ	0.11	UJ	0.11	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.11	U	0.11	U	0.13	U	0.24	J	0.11	U	0.11	UJ
76-44-8	Heptachlor	0.11	U	0.11	U	0.13	U	0.11	U	0.11	U	0.11	UJ
309-00-2	Aldrin	0.11	U	0.11	J	0.17		0.11	U	0.11	U	0.11	UJ
1024-57-3	Heptachlor epoxide	0.11	U	0.11	U	0.13	U	0.11	U	0.11	U	0.11	UJ
959-98-8	Endosulfan 1	0.11	J	0.12		0.24	J	0.12	J	0.2	J	0.15	J
60-57-1	Dieldrin	0.22	U	0.22	U	0.25	U	0.22	U	0.22	U	0.23	UJ
72-55-9	4,4'-DDE	0.22	U	0.22	U	0.29	J	0.22	U	0.22	U	0.23	UJ
72-20-8	Endrin	0.22	U	0.22	U	0.25	U	0.22	U	0.22	U	0.23	UJ
33213-65-9	Endosulfan II	0.22	U	0.22	U	0.25	U	0.22	U	0.22	U	0.23	UJ
72-54-8	4,4'-DDD	0.22	U	0.22	U	0.25	U	0.22	U	0.22	U	0.23	UJ
1031-07-8	Endosulfan sulfate	0.22	U	0.22	U	0.25	U	6.22	U	0.22	U	0.23	UJ
50-29-3	4,4'-DDT	0.44		0.68		0.25	U	0.22	U	0.22	U	0.23	UJ
72-43-5	Methoxychlor	1.1	U	1.1	U	1.3	U	1.1	U	1.1	U	1.1	UJ
53494-70-5	Endrin ketone	0.22	U	0.22	U	0.25	U	0.22	U	0.22	U	0.23	UJ
7421-93-4	Endrin aldehyde	0.22	U	0.22	U	0.25	U	0.22	U	0.22	U	0.23	UJ
5103-71-9	alpha-Chlordane	0.11	U	0.11	U	0.13	U	0.11	U	0.11	U	0.11	UJ
5103-74-2	gamma-Chlordane	0.11	U	0.11	U	0.13	U	0.11	U	0.11	U	0.11	UJ
8001-35-2	Toxaphene	22.	U	22.	U	25.	U	22.	U	22.	U	23.	UJ
12674-11-2	Aroclor-1016	4.3	U	4.2	U	4.9	U	4.3	U	4.2	U	4.4	UJ
11104-28-2	Aroclor-1221	8.7	U	8.6	U	10.	U	8.6	U	8.6	U	9.	UJ
11141-16-5	Aroctor-1232	4.3	U	4.2	U	4.9	U	4.3	U	4.2	U	4.4	UJ
53469-21-9	Aroclor-1242	4.3	U	4.2	U	4.9	U	4.3	U	4.2	U	4.4	UJ
12672-29-6	Aroclor-1248	4.3	U	4.2	U	4.9	U	4.3	U	4.2	U	4.4	UJ
11097-69-1	Aroclor-1254	4.3	U	4.2	U	4.9	U	4.3	U	4.2	U	4.4	UJ
11096-82-5	Aroclor-1260	4.3	U	4.2	U	4.9	U	4.3	U	4.2	U	4.4	UJ

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST													
	SAMPLE ID ------->	042-M-Z819-01		042-M-2820-01		042-M-Z821-01		042-M-Z822-01		042-W-2623-01		042-M-Z824-01	
	ORIGINAL ID ----->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	LAB SAMPLE ID --->	950865-12		950865-11		950865-10		950865-09		950865-03		950865-04	
	ID FROM REPORT -->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/23/95		10/23/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		11/05/95		11/05/95		11/05/95	
	DATE ANALYZED --->	11/26/95		11/26/95		11/26/95		11/26/95		11/25/95		11/25/95	
	MATRIX ---------->	sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
319-84-6	alpha-BHC	0.12	J	5.	J	1.8	J	1.5	J	8.4	J	0.16	J
319-85-7	beta-BHC	0.1	U	0.13	U	0.13	U	0.11	U	0.27	U	0.11	U
319-86-8	delta-BHC	0.1	UJ	0.13	UJ	0.13	UJ	0.11	UJ	0.27	UJ	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.11	J	0.13	U	0.13	U	0.11	U	0.27	U	0.11	U
76-44-8	Heptachlor	0.1	U	0.13	U	0.13	U	0.11	U	0.27	U	0.11	U
309-00-2	Aldrin	0.1	U	0.13	U	0.13	U	0.11	U	0.27	U	0.11	U
1024-57-3	Heptachlor epoxide	0.1	U	0.13	U	0.13	U	0.11	U	0.27	U	0.11	U
959-98-8	Endosulfan I	0.11	J	0.13	U	0.17	J	0.11	U	0.27	U	0.11	U
60-57-1	Dieldrin	0.21	U	0.25	U	0.25	U	0.22	U	0.54	U	0.21	U
72-55-9	4,4'-DDE	0.21	U	0.25	U	0.25	U	0.22	U	0.54	U	0.21	U
72-20-8	Endrin	0.21	U	0.25	U	0.25	U	0.22	U	0.54	U	0.21	U
33213-65-9	Endosulfan II	0.21	U	0.25	U	0.25	U	0.22	U	0.54	U	0.21	U
72-54-8	4,4'-DDD	0.21	U	0.25	U	0.25	U	0.22	U	0.54	U	0.21	U
1031-07-8	Endosulfan sulfate	0.21	U	0.2s	U	0.25	U	0.22	U	0.54	U	0.21	U
50-29-3	4,4'-DDT	0.21	U	0.25	U	0.25	U	0.22	U	0.54	U	0.21	U
72-43-5	Hethoxychlor	1.	U	1.3	U	1.3	U	1.1	U	2.7	U	1.1	U
53494-70-5	Endrin ketone	0.21	U	0.25	U	0.25	U	0.22	U	0.54	U	0.21	U
7421-93-4	Endrin aldehyde	0.21	U	0.3		0.25	U	0.22	U	0.27	U	0.21	U
5103-71-9	alpha-Ch1ordane	0.1	U	0.13	U	0.13	U	0.11	U			0.11	U
5103-74-2	gamma-Chlordane	0.1	U	0.13	U	0.13	U	0.11	U	0.27	U	0.11	U
8001-35-2	Toxaphene	21.	U	25.	U	25.	U	22.	U	54.	U	21.	U
12674-11-2	Aroclor-1016	4.	U	4.9	U	4.9	U	4.3	U	11.	U	6.1	U
11104-28-2	Aroclor-1221	8.1	U	10.	U	9.9	U	6.8	U	21.	U	8.3	U
11141-16-5	Aroclor-1232	4.	U	4.9	U	4.9	U	4.3	U	11.	U	4.1	U
53469-21-9	Aroclor-1242	4.	U	4.9	U	4.9	U	4.3	U	11.	U	4.1	U
12672-29-6	Aroclor-1248	4.	U	4.9	U	4.9	U	4.3	U	11.	U	4.1	U
11097-69-1	Aroc1or-1254	4.	U	4.9	U	4.9	U	4.3	U	11.	U	4.1	U
11096-82-5	Aroclor-1260	4.	U	4.9	U	4.9	U	4.3	U	11.	U	4.1	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

PEST																	
	SAMPLE ID ------->	042-M-Z825-01				042-M-Z827-01		042-H-2901-01		042-M-Z902-01		042-M-2903-01	
	ORIGINAL ID ----->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	LAB SAMPLE ID --->	950865-05		950865-06		950865-07		960107-01		950930-06		950930-07	
	ID FROM REPORT -->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	SAMPLE DATE ----->	10/23/95		10/23/95		10/23/95		02/09/96		11/13/95		11/13/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		02/20/96		11/19/95		11/19/95	
	DATE ANALYZED --->	11/25/95		11/25/95		11/25/95		03/07/96		12/08/95		12/08/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	MZ9010	VAL	241901	VAL	241901	VAL
319-84-6	alpha-BHC	0.23	J	0.45	U	8.8	J	0.14	U	0.37	J		
319-85-7	beta-BHC	0.1	U			0.35	U	0.14	U	0.13	U		
319-86-8	delta-BHC	0.1	UJ	0.45	UJ	0.35	UJ	0.28	J	0.13	U		
58-89-9	gamma-BHC (Lindane)	0.19	J	0.45	U	0.35	U	0.32	J	0.13	U		
76-44-8	Heptachlor	0.1	U	0.45	U	0.35	U	0.14	U	0.13	U		
309-00-2	Aldrin	0.1	U	0.45	U	0.35	U	0.14	U	0.13	U		
1024-57-3	Heptachlor epoxide	0.1	U	0.45	U	0.35	U	0.14	U	0.13	U		
959-98-8	Endosulfan I	0.18	J	0.45	U	0.35	U	0.14	U	0.13	U		
60-57-1	Dieldrin	0.21	U	0.89	U	0.7	U	0.29	U	0.27	U		
72-55-9	4,4'-DDE	0.21	U	0.89	U	0.7	U	0.29	U	0.27	U		
72-20-8	Endrin	0.21	U	0.89	U	0.7	U	0.29	U	0.27	U		
33213-65-9	Endosulfan II	0.21	U	0.89	U	0.7	U	0.29	UJ	0.27	U		
72-54-8	4,4'-DDD	0.21	U	0.89	U	0.7	U	0.29	U	0.27	U		
1031-07-8	Endosulfan sulfate	0.21	U	0.89	U	0.7	U	0.29	U	0.27	U		
50-29-3	4,4'-DDT	0.21	U	0.89	U	0.7	U	0.29	U	0.27	UJ		
72-43-5	Methoxychlor	1.	U	4.5	U	3.5	U	1.4	U	1.3	U		
53494-70-5	Endrin ketone	0.21	U	0.89	U	0.7	U	0.29	U	0.27	U		
7421-93-4	Endrin aldehyde	0.21	U	0.89	U	0.7	U	0.29	U	0.27	U		
5103-71-9	alpha-Chlordane	0.1	U	0.45	U	0.35	U	0.14	U	0.13	U		
5103-74-2	gamma-Chlordane	0.1	U	0.45	U	0.35	U	0.14	U	0.13	U		
8001-35-2	Toxaphene	21.	U	89.	U	70.	U	29.	U	27.	U		
12674-11-2	Aroclor-1016	4.1	U	17.	U	14.	U	2.9	U	2.7	U		
11104-28-2	Aroclor-1221	8.2	U	35.	U	27.	U	5.6	U	5.4	U	5.4	U
11141-16-5	Aroclor-1232	4.1	U	17.	U	14.	U	2.9	U	2.7	U	2.7	U
53469-21-9	Aroclor-1242	4.1	U	17.	U	14.	U	2.9	U	2.7	U	2.7	U
12672-29-6	Aroclor-1248	4.1	U	17.	U	14.	U	2.9	U	2.7	U	2.7	U
11097-69-1	Aroclor-1254	4.1	U	17.	U	14.	U	2.9	U	2.7	U	2.7	U
11096-82-5	Aroclor-1260	4.1	U	17.	U	14.	U	2.9	U	2.7	U	2.7	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

		042-M-Z904-01 040MZ90401 950930-08 040MZ90401 11/13/95 11/19/95 12/09/95 Sediment		042-M-Z905-01 040MZ90501 950930-09 040MZ90501 11/13/95 11/19/95 12/09/95 Sediment		042-M-Z906-01 040MZ90601 950930-10 040MZ90601 11/13/95 11/19/95 12/09/95 Sediment				
UNITS ---------->		UG/KG		UG/KG		UG/KG				
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL			
319-84-6	alpha-BHC	0.1	J	0.14	J	0.15	UJ			
319-85-7	beta-BHC	0.1	U	0.1	U	0.15	U			
319-86-8	delta-BHC	0.1	U	0.1	U	0.15	U			
58-89-9	gamma-BHC (Lindane)	0.1	U	0.1	U	0.15	U			
76-44-8	Heptachlor	0.1	U	0.1	U	0.15	U			
309-00-2	Aldrin	0.1	U	0.1	U	0.15	U			
1024-57-3	Heptachlor epoxide	0.1	U	0.1	U	0.15	U			
959-98-8	Endosulfan I	0.1	U	0.1	U	0.15	U			
60-57-1	Dieldrin	0.2	U	0.21	U	0.31	U			
72-55-9	4,4'-DDE	0.49		0.21	U	0.6				
72-20-8	Endrin	0.2	U	0.21	U	0.31	U			
33213-65-9	Endosulfan II	0.2	U	0.21	U	0.31	U			
72-54-8	4,4'-DDD	0.2	U	0.21	U	0.31	U			
1031-07-8	Endosulfan sulfate	0.2	U	0.21	U	0.31	U			
50-29-3	4,4'-DDT	0.21	J	0.21	UJ	0.31	UJ			
72-43-5	Methoxychlor	1.	U	1.	U	1.5	U			
53494-70-5	Endrin ketone	0.2	U	0.21	U	0.31	U			
7421-93-4	Endrin aldehyde	0.2	U	0.21	U	0.31	U			
5103-71-9	alpha-Chlordane	0.1	U	0.1	U	0.15	U			
5103-74-2	gamma-Chlordane	0.1	U	0.1	U	0.15	U			
8001-35-2	Toxaphene	20.	U	21.	U	31.	U			
12674-11-2	Aroclor-1016	2.	U	2.1	U	3.1	U			
11104-28-2	Aroclor-1221	4.1	U	4.2	U	6.2	U			
11141-16-5	Aroclor-1232	2.	U	2.1	U	3.1	U			
53469-21-9	Aroclor-1242	2.	U	2.1	U	3.1	U			
12672-29-6	Aroclor-1248	2.	U	2.1	U	3.1	U			
11097-69-1	Aroclor-1254	2.	U	2.1	U	3.1	U			
11096-82-5	Aroclor-1260	2.	U	2.1	U	3.1	U			

*** Validation Complete ***

primary samples

SVOA													
	SAMPLE ID ------->	042-M-2501-01		042-M-Z502-01		042-M-2503-01		042-M-Z504-01		042-14-2505-01		042-M-Z506-01	
	ORIGINAL ID ----->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	LAB SAMPLE ID --->	951005-11		951005-22		951005-23		951005-12		951005-13		951005-24	
	ID FROM REPORT -->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	SAMPLE DATE ----->	12/04/95		12/05/95		12/05/95		12/04/95		12/04/95		12/05/95	
	DATE EXTRACTED -->	12/06/95		12/12/95		12/12/95		12/21/95		12/06/95		12/12/95	
	DATE ANALYZED --->	12/14/95		12/16/95		12/16/95		01/04/96		12/14/95		12/20/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL
108-95-2	Phenol	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
95-57-8	2-Chlorophenol	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
541-73-1	1,3-Dichlorobenzene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
106-46-7	1,4-Dichlorobenzene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
95-50-1	1,2-Dichlorobenzene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
95-48-7	2-Methylphenol (0-Cresol)	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
67-72-1	Hexachloroethane	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
98-95-3	Nitrobenzene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
78-59-1	Isophorone	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
88-75-5	2-Nitrophenol	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
105-67-9	2,4-Dimethylphenol	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
120-83-2	2,4-Dichlorophenol	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
91-20-3	Naphthalene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
106-47-8	4-Chloroaniline	400.	UR	410.	U	410.	U	410.	U	380.	UR	410.	U
87-68-3	Hexachlorobutadiene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
91-57-6	2-Methylnaphthalene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
77-47-4	Hexachlorocyclopentadiene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	970.	U	980.	U	990.	U	1000.	U	920.	U	990.	U
91-58-7	2-Chloronaphthalene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
88-74-4	2-Nitroaniline	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
131-11-3	Dimethyl phthalate	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
208-96-8	Acenaphthylene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
606-20-2	2,6-Dinitrotoluene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
99-09-2	3-Nitroaniline	970.	U	980.	U	990.	U	1000.	U	920.	U	990.	U
83-32-9	Acenaphthene	19.	U	20.	U	20.	U	20.	U	18.	U	20.	U
51-28-5	2,4-Dinitrophenol	970.	U	980.	U	990.	U	1000.	U	920.	U	990.	UJ
100-02-7	4-Nitrophenol	970.	U	980.	U	990.	U	1000.	U	920.	U	990.	U
132-64-9	Dibenzofuran	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID -------:	042-H-2501-01		042-M-2502-01		042-M-2503-01		042-M-2504-01		042-M-2505-01		042-M-2506-01	
	ORIGINAL ID -----:	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	LAB SAMPLE ID ---:	951005-11		951005-22		951005-23		951005-12		951005-13		951005-24	
	ID FROM REPORT --:	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	SAMPLE DATE -----:	12/04/95		12/05/95		12/05/95		12/04/95		12/06/95		12/05/95	
	DATE EXTRACTED --:	12/06/95		12/12/95		12/12/95		12/21/95		12/06/95		12/12/95	
	DATE ANALYZED ---:	12/14/95		12/16/95		12/16/95		01/04/96		12/14/95		12/20/95	
	MATRIX ----------:	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL
121-14-2	2,4-Dinitrotoluene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
84-66-2	Diethylphthalate	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
86-73-7	Fluorene	19.	U	20.	U	20.	U	20.	U	18.	U	20.	U
100-01-6	4-Nitroaniline	970.	U	980.	U	990.	U	1000.	U	920.	U	990.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	970.	U	980.	U	990.	U	1000.	U	920.	U	990.	U
86-30-6	N-Nitrosodiphenylamine	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
118-74-1	Hexachlorobenzene	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
87-86-5	Pentachlorophenol	970.	U	980.	U	990.	U	1000.	U	920.	U	990.	U
85-01-8	Phenanthrene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
120-12-7	Anthracene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
84-74-2	Di-n-butylphthalate	26.	J	22.	J	410.	U	25.	J	380.	U	25.	J
206-44-0	Fluoranthene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
86-74-8	Carbazole	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
129-00-0	Pyrene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
85-68-7	Butylbenzylphthalate	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
56-55-3	Benzo(a)anthracene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
218-01-9	Chrysene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
117-84-0	Di-n-octyl phthalate	400.	U	410.	U	410.	U	410.	U	380.	U	410.	U
205-99-2	Benzo(b)fluoranthene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
207-08-9	Benzo(k)fluoranthene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
50-32-8	Benzo(a)pyrene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
53-70-3	Dibenz(a,h)anthracene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	40.	U	41.	U	41.	U	41.	U	38.	U	41.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary a mples

SVOA													
	SAMPLE ID ------->	042-M-Z507-01		042-M-2508-01		042-M-Z509-01		042-M-2510-01		042-M-Z511-01		042-H-2512-01	
	ORIGINAL ID ----->	040MZ50701		040MZ50801		040NZ50901		040MZ51001		040MZ51101		040MZ51201	
	LAB SAMPLE ID --->	960093-09		960010-01		960010-02		960010-03		960010-04		960010-05	
	ID FROM REPORT -->	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	SAMPLE DATE ----->	02/06/96		01/10/96		01/10/96		01/10f 96		01/10f 96		01/10/96	
	DATE EXTRACTED -->	02/12/96		01/14/96		01/14/96		01/14/96		01/14/96		01/14/96	
	DATE ANALYZED --->	02/19/96		01/23/96		01/23/96		01/23/96		01/23/96		01/23/96	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	250801	VAL	250801	VAL	250801	VAL	250801	VAL	250801	VAL
108-95-2	Phenol	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
95-57-8	2-Chlorophenol	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
541-73-1	1,3-Dichlorobenzene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
106-46-7	1,4-Dichlorobenzene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
95-50-1	1,2-Dichlorobenzene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
95-48-7	2-Methylphenol (a-Cresol)	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
67-72-1	Hexachloroethane	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
98-95-3	Nitrobenzene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
78-59-1	Isophorone	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
88-75-5	2-Nitrophenol	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
105-67-9	2,4-Dimethylphenol	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
120-83-2	2,4-Dichlorophenol	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
91-20-3	Naphthalene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
106-47-8	4-Chloroaniline	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
87-68-3	Hexachlorobutadiene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
91-57-6	2-Methylnaphthalene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	990.	U	990.	U	1000.	U	1000.	U	1000.	U	970.	U
91-58-7	2-Chloronaphthalene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
88-74-4	2-Nitroaniline	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
131-11-3	Dimethyl phthalate	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
208-96-8	Acenaphthylene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
606-20-2	2,6-Dinitrotoluene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
99-09-2	3-Nitroaniline	990.	U	990.	U	1000.	U	1000.	U	1000.	U	970.	U
83-32-9	Acenaphthene	20.	U	20.	U	20.	U	20.	U	20.	U	19.	U
51-28-5	2,4-Dinitrophenol	990.	U	990.	U	1000.	U	1000.	U	1000.	U	970.	U
100-02-7	4-Nitrophenol	990.	U	990.	U	1000.	U	1000.	U	1000.	U	970.	U
132-64-9	Dibenzofuran	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

	SAMPLE ID ------->	042-M-Z507-01		042-M-2508-01		042-M-Z509-01		042-M-2510-01		042-M-Z511-01		042-M-2512-01	
	ORIGINAL ID ----->	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	LAB SAMPLE ID --->	960093-09		960010-01		960010-02		960010-03		960010-04		960010-05	
	ID FROM REPORT -->	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	SAMPLE DATE ----->	02/06/96		01/10/96		01/10/96		01/10/96		01/10/96		01/10/96	
	DATE EXTRACTED -->	02/12/96		01/14/96		01/14/96		01/14/96		01/14/96		01/14/96	
	DATE ANALYZED --->	02/19/96		01/23/96		01/23/96		01/23/96		01/23/96		01/23/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	250801	VAL	250801	VAL	250801	VAL	250801	VAL	250801	VAL
121-14-2	!,4-Dinitrotoluene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
84-66-2	)iethylphthalate	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
7005-72-3	-Chlorophenylphenylether	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
86-73-7	'luorene	20.	U	20.	U	20.	U	20.	U	20.	U	19.	U
100-01-6	-Nitroaniline	990.	U	990.	U	1000.	U	1000.	U	1000.	U	970.	U
534-52-1	!-Methyl-4,6-Dinitrophenol	990.	U	990.	U	1000.	U	1000.	U	1000.	U	970.	U
86-30-6	I-Nitrosodiphenylamine	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
101-55-3	-Bromophenyl-phenylether	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
118-74-1	lexachlorobenzene	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
87-86-5	'entachlorophenol	990.	U	990.	U	1000.	U	1000.	U	1000.	U	970.	U
85-01-8	'henanthrene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
120-12-7	nthracene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
84-74-2	i-n-butylphthalate	410.	U	24.	J	410.	U	410.	U	410.	U	400.	U
206-44-0	luoranthene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
86-74-8	arbazole	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
129-00-0	'yrene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
85-68-7	utylbenzylphthalate	410.	U	25.	J	410.	U	410.	U	410.	U	400.	U
91-94-1	,3'-Dichloroknzidine	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
56-55-3	enzo(a)anthracene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
218-01-9	hrysene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
117-81-7	is(2-Ethylhexyl)phthalate (BEHP)	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
117-84-0	i-n-octyl phthalate	410.	U	410.	U	410.	U	410.	U	410.	U	400.	U
205-99-2	enzo(b)fluoranthene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
207-08-9	enzo(k)fluoranthene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
50-32-8	enzo(a)pyrene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
193-39-5	ndeno(1,2,3-cd)pyrene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
53-70-3	ibenz(a,h)anthracene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U
191-24-2	enzo(g,h,i)perylene	41.	U	41.	U	41.	U	41.	U	41.	U	40.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2513-01		042-H-2514-01		042-M-Z515-01		042-M-Z516-01		042-M-2517-01		042-M-Z518-01	
	ORIGINAL ID ----->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	LAB SAMPLE ID --->	960010-06		960010-07		951029-09		960093-10				951029-11	
	ID FROM REPORT -->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	SAMPLE DATE ----->	01/10/96		01/10/96		12/11/95		02/06/96		12/11/95		12/11/95	
	DATE EXTRACTED -->	01/14/96		01/14/96		12/17/95		02/12/96		12/17/95		12/17/95	
	DATE ANALYZED --->	01/23/96		01/23/96		12/29/95		02/19/96		01/04/96		01/04/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	250801	VAL	250801	VAL	EW0010	VAL	MZ1010	VAL	EW0010	VAL	EW0010	VAL
108-95-2	Phenol	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
95-57-8	2-Chlorophenol	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
541-73-1	1,3-Dichlorobenzene	420.	U	410.	U	410.	U	460.	U	410.	U	410.	U
106-46-7	1,4-Dichlorobenzene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
95-50-1	1,2-Dichlorobenzene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
95-48-7	2-Methylphenol (0-Cresol)	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
67-72-1	Hexachloroethane	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
98-95-3	Nitrobenzene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
78-59-1	Isophorone	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
88-75-5	2-Nitrophenol	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
105-67-9	2,4-Dimethylphenol	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
120-83-2	2,4-Dichlorophenol	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
91-20-3	Naphthalene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
106-47-8	4-Chloroaniline	420.	U	410.	U	410.	UR	400.	U	410.	U	410.	U
87-68-3	Hexachlorobutadiene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
91-57-6	2-Methylnaphthalene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
77-47-4	Hexachlorocyclopentadiene	420.	U	410.	U	410.	UJ	400.	U	410.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U	990.	U	970.	U	1000.	U	1000.	U
91-58-7	2-Chloronaphthalene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
88-74-4	2-Nitroaniline	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
131-11-3	Dimethyl phthalate	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
208-96-8	Acenaphthylene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
606-20-2	2,6-Dinitrotoluene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
99-09-2	3-Nitroenfline	1000.	U	1000.	U	990.	U	970.	U	1000.	U	1000.	U
83-32-9	Acenaphthene	20.	U	20.	U	20.	U	19.	U	20.	U	20.	U
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U	990.	U	970.	UJ	1000.	U	1000.	U
100-02-7	4-Nitrophenol	1000.	U	1000.	U	990.	U	970.	UJ	1000.	U	1000.	U
132-64-9	Dibenrofuran	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

		042-M-2513-01 040MZ51301 960010-06 040MZ51301 01/10/96 01/14/96 01/23/96 Sediment		042-M-Z514-01 040MZ51401 960010-07 040MZ51401 01/10/96 01/14/96 01/23/96 Sediment		042-M-2515-01 040MZ51501 951029-09 040MZ51501 12/11/95 12/17/95 12/29/95 Sediment		042-M-2516-01 040MZ51601 960093-10 040MZ51601 02/06/96 02/12/96 02/19/96 Sediment		042-M-Z517-01 040MZ51701 951029-10 040MZ51701 12/11/95 12/17/95 01/04/96 Sediment		042-M-Z518-01 040MZ51801 951029-11 040MZ51801 12/11/95 12/17/95 01/04/96 sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	250801	VAL	250801	VAL	EW0010	VAL	MZ1010	VAL	EW0010	VAL	EUOOIO	VAL
121-14-2	2,4-Dinitrotoluene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
84-66-2	Diethylphthalate	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
86-73-7	Fluorene	20.	U	20.	U	20.	U	19.	U	20.	U	20.	U
100-01-6	4-Nitroaniline	1000.	U	1000.	U	990.	U	970.	UJ	1000.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1000.	U	990.	U	970.	U	1000.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
118-74-1	Hexachlorobenzene	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
87-86-5	Pentachlorophenol	1000.	U	1000.	U	990.	U	970.	U	1000.	U	1000.	U
85-01-8	Phenanthrene	42.	U	41.	U	21.	J	40.	U	41.	U	28.	J
120-12-7	Anthracene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
84-74-2	Di-n-butylphthalate	420.	U	410.	U	28.	J	400.	U	33.	J	23.	J
206-44-0	Fluoranthene	42.	U	41.	U	42.		40.	U	41.	U	82.	
86-74-8	Carbazole	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
129-00-0	Pyrene	42.	U	41.	U	39.	J	40.	U	41.	U	45.	
85-68-7	Butylbenzylphthalate	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	420.	U	410.	U	410.	U	400.	UJ	410.	U	410.	U
56-55-3	Benzo(a)anthracene	42.	U	41.	U	41.	U	40.	U	41.	U	49.	
218-01-9	Chrysene	42.	U	41.	U	23.	J	40.	U	41.	U	47.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U	410.	U	96.	J	400.	U	140.	J	83.	J
117-84-0	Di-n-octyl phthalate	420.	U	410.	U	410.	U	400.	U	410.	U	410.	U
205-99-2	Benzo(b)fluoranthene	42.	U	41.	U	28.	J	40.	U	41.	U	58.	
207-08-9	Benzo(k)fluoranthene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
50-32-8	Benzo(a)pyrene	42.	U	41.	U	41.	U	40.	U	41.	U	37.	J
193-39-5	Indeno(1,2,3-cd)pyrene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
53-70-3	Dibenz(a,h)anthracene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	42.	U	41.	U	41.	U	40.	U	41.	U	41.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA															
	SAMPLE ID ------->	042-M-Z519-01		042-M-2520-01		042-M-2521-01		042-M-Z522-01		042-M-2523-01		042-M-Z524-01	
	ORIGINAL ID ----->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	LAB SAMPLE ID --->	951029-12		951029-13		951021-12		951021-13		951021-14		960093-11	
	ID FROM REPORT -->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	SAMPLE DATE ----->	12/11/95		12/11/95		12/07/95		12/07/95		12/07/95		02/06/96	
	DATE EXTRACTED -->	12/17/95		12/17/95		12/12/95		12/12/95		12/12/95		02/12/96	
	DATE ANALYZED --->	01/04/96		01/04/96		12/28/95		12/27/95		12/28/95		02/19/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL	MZ1010	VAL
108-95-2	Phenol	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
111-44-4	bis(2-Chloroethyl)ether	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
95-57-8	2-Chlorophenol	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
541-73-1	1,3-Dichlorobenzene	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
106-46-7	1,4-Dichlorobenzene	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
95-50-1	1,2-Dichlorobenzene	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
95-48-7	2-Methylphenol (0-Cresol)	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
108-60-1	2,2'-oxybis(1-ChLoropropane)	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
621-64-7	N-Nitroso-di-n-propylamine	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
67-72-1	Hexachloroethane	420.	U	410.	U			410.	U	400.	U	390.	U
98-95-3	Nitrobenzene	420.	U	410.	U			410.	U	400.	U	390.	U
78-59-1	Isophorone	420.	U	410.	U			410.	U	400.	U	390.	U
88-75-5	2-Nitrophenol	420.	U	410.	U			410.	U	400.	U	390.	U
105-67-9	2,4-Dimethylphenol	420.	U	410.	U			410.	U	400.	U	390.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	410.	U			410.	U	400.	U	390.	U
120-83-2	2,4-Dichlorophenol	420.	U	410.	U			410.	U	400.	U	390.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U	410.	U			410.	U	400.	U	390.	U
91-20-3	Naphthalene	42.	U	41.	U			41.	U	40.	U	39.	U
106-47-8	4-Chloroaniline	420.	U	410.	U			410.	U	400.	UR	390.	U
87-68-3	Hexachlorobutadiene	420.	U	410.	U			410.	U	400.	U	390.	U
59-50-7	4-Chloro-3-methylphenol	420.	U	410.	U			410.	U	400.	U	390.	U
91-57-6	2-Methylnaphthalene	42.	U	41.	U			41.	U	40.	U	39.	U
77-47-4	Hexachlorocyclopentadiene	420.	U	410.	U			410.	U	400.	UJ	390.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	410.	U			410.	U	400.	U	390.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	980.	U			990.	U	960.	U	950.	U
91-58-7	2-Chloronaphthalene	420.	U	410.	U			410.	U	400.	U	390.	U
88-74-4	2-Nitroaniline	420.	U	410.	U			410.	U	400.	U	390.	U
131-11-3	Dimethyl phthalate	420.	U	410.	U			410.	U	400.	U	390.	U
208-96-8	Acenaphthylene	42.	U	41.	U			41.	U	40.	U	39.	U
606-20-2	2,6-Dinitrotoluene	420.	U	410.	U			410.	U	400.	U	390.	U
99-09-2	3-Nitroaniline	1000.	U	980.	U			990.	U	960.	U	950.	U
83-32-9	Acenaphthene	21.	U	20.	U			20.	U	19.	U	19.	U
51-28-5	2,4-Dinitrophenol	1000.	U	980.	U			990.	UR	960.	U	950.	U
100-02-7	4-Nitrophenol	1000.	U	980.	U			990.	U	960.	U	950.	U
132-64-9	Dibenrofuran	420.	U	410.	U			410.	U	400.	U	390.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-H-Z519-01		042-M-Z520-01		042-M-Z521-01		042-M-Z522-01		042-M-Z523-01		042-M-2524-01	
	ORIGINAL ID ----->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	LAB SAMPLE ID --->	951029-12		951029-13		951021-12		951021-13		951021-14		960093-11	
	ID FROM REPORT -->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	SAMPLE DATE ----->	12/11/95		12/11/95		12/07/95		12/07/95		12/07/95		02/06/96	
	DATE EXTRACTED -->	12/17/95		12/17/95		12/12/95		12/12/95		12/12/95		02/12/96	
	DATE ANALYZED --->	01/04/96		01/04/96		12/28/95		12/27/95		12/28/95		02/19/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL	MZ1010	VAL
121-14-2	2,4-Dinitrotoluene	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
84-66-2	Diethylphthalate	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
86-73-7	Fluorene	21.	U	20.	U	19.	U	20.	U	19.	U	19.	U
100-01-6	4-Nitroaniline	1000.	U	980.	U	970.	U	990.	U	960.	U	950.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	980.	U	970.	U	990.	UJ	960.	U	950.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
118-74-1	Hexachlorobenzene	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
87-86-5	Pentachlorophenol	1000.	U	980.	U	970.	U	990.	U	960.	U	950.	U
85-01-8	Phenanthrene	42.	U	41.	U	40.	U	32.	J	40.	U	39.	U
120-12-7	Anthracene	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
84-74-2	Di-n-butylphthalate	30.	J	410.	U	400.	U	410.	U	400.	U	20.	J
206-44-0	Fluoranthene	24.	J	41.	U	40.	U	55.		40.	U	39.	U
86-74-8	Carbazole	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
129-00-0	Pyrene	25.	J	41.	U	40.	U	33.	J	40.	U	39.	U
85-68-7	Butylbenzylphthalate	420.	U	410.	U	400.	U	410.	U	23.	J	390.	U
91-94-1	3,3'-Dichlorobenzidine	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
56-55-3	Benzo(a)anthracene	23.	J	41.	U	40.	U	41.	U	40.	U	39.	U
218-01-9	Chrysene	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	67.	J	110.	J	56.	J	410.	U	52.	J	390.	U
117-84-0	Di-n-octyl phthalate	420.	U	410.	U	400.	U	410.	U	400.	U	390.	U
205-99-2	Benzo(b)fluoranthene	26.	J	41.	U	40.	U	31.	J	40.	U	39.	U
207-08-9	Benzo(k)fluoranthene	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
50-32-8	Benzo(a)pyrene	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
193-39-5	Indeno(1,2,3-cd)pyrene	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
53-70-3	Dibenz(a,h)anthracene	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U
191-24-2	Benzo(g,h,i)perylene	42.	U	41.	U	40.	U	41.	U	40.	U	39.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2525-01		042-M-Z526-01		042-M-Z527-01		042-M-Z528-01		042-M-2529-01		042-M-2530-01	
	ORIGINAL ID ----->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	LAB SAMPLE ID --->	951005-14		951021-15		951005-15		951021-16		951021-17		951021-18	
	ID FROM REPORT -->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	SAMPLE DATE ----->	12/04/95		12/07/95		12/04/95		12/07/95		12/07/95		12/07/95	
	DATE EXTRACTED -->	12/06/95		12/12/95		12/06/95		12/12/95		12/12/95		12/12/95	
	DATE ANALYZED --->	12/14/95		12/30/95		12/14/95		12/29/95		12/27/95		12/28/95	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	Z31001	VAL	EM0050	VAL	231001	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL
108-95-2	Phenol	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
111-44-4	bis(2-Chloroethyl)ether	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
95-57-8	2-Chlorophenol	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
541-73-1	1,3-Dichlorobenzene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
106-46-7	1,4-Dichlorobenzene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
95-50-1	1,2-Dichlorobenzene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
95-48-7	2-Methylphenol (0-Cresol)	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
67-72-1	Hexachloroethane	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
98-95-3	Nitrobenzene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
78-59-1	Isophorone	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
88-75-5	2-Nitrophenol	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
105-67-9	2,4-Dimethylphenol	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
120-83-2	2,4-Dichlorophenol	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
91-20-3	Naphthalene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
106-47-8	4-thloroaniline	410.	UR	400.	U	420.	UR	400.	U	410.	U	420.	UR
87-68-3	Hexachlorobutadiene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
91-57-6	2-Methylnaphthalene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	UJ
88-06-2	2,4,6-Trichlorophenol	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	970.	U	1000.	U	980.	U	0.	U	0.	U
91-58-7	2-Chloronaphthalene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
88-74-4	2-Nitroaniline	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
131-11-3	Dimethyl phthalate	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
208-96-8	Acenaphthylene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
606-20-2	2,6-Dinitrotoluene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
99-09-2	3-Nitroaniline	1000.	U	970.	U	1000.	U	980.	U	0.	U	0.	U
83-32-9	Acenaphthene	20.	U	19.	U	20.	U	20.	U	20.	U	20.	U
51-28-5	2,4-Dinitrophenol	1000.	U	970.	UJ	1000.	U	980.	UJ	0.	UR	0.	UR
100-02-7	4-Nitrophenol	1000.	U	970.	U	1000.	U	980.	U	0.	U	0.	U
132-64-9	Dibenrofuran	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2525-01		042-M-2526-01		042-M-2527-01		042-M-2528-01		042-M-2529-01		042-M-2530-01	
	ORIGINAL ID ----->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	LAB SAMPLE ID --->	951005-14		951021-15		951005-15		951021-16		951021-17		951021-18	
	ID FROM REPORT -->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	SAMPLE DATE ----->	12/04/95		12/07/95		12/04/95		12/07/95		12/07/95		12/07/95	
	DATE EXTRACTED -->	12/06/95		12/12/95		12/06/95		12/12/95		12/12/95		12/12/95	
	DATE ANALYZED --->	12/14/95		12/30/95		12/14/95		12/29/95		12/27/95		12/28/95	
	MATRIX ---------->	Sediment		sediment		sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	EM0050	VAL	231001	VAL	EM0050	VAL	EM0050	VAL	EI40050	VAL
121-14-2	2,4-Dinitrotoluene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
84-66-2	Diethylphthalate	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
86-73-7	Fluorene	20.	U	19.	U	20.	U	20.	U	20.	U	20.	U
100-01-6	4-Nitroaniline	1000.	U	970.	U	1000.	U	980.	U	0.	U	0.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	970.	U	1000.	U	980.	U	0.	UJ	0.	UJ
86-30-6	N-Nitrosodiphenylamine	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
118-74-1	Hexachlorobenzene	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
87-86-5	Pentachlorophenol	1000.	U	970.	U	1000.	U	980.	U	0.	U	0.	U
85-01-8	Phenanthrene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
120-12-7	Anthracene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
84-74-2	Di-n-butylphthalate	410.	U	27.	J	420.	U	22.	J	410.	U	26.	J
206-44-0	Fluoranthene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
86-74-8	Carbazole	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
129-00-0	Pyrene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
85-68-7	Butylbenzylphthalate	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
56-55-3	Benzo(a)anthracene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
218-01-9	Chrysene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
117-84-0	Di-n-octyl phthalate	410.	U	400.	U	420.	U	400.	U	410.	U	420.	U
205-99-2	Benzo(b)fluoranthene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
207-08-9	Benzo(k)fluoranthene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
50-32-8	Benzo(a)pyrene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
193-39-5	Indeno(1,2,3-cd)pyrene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
53-70-3	Dibenz(a,h)anthracene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U
191-24-2	Benzo(g,h,i)perylene	41.	U	40.	U	42.	U	40.	U	41.	U	42.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2531-01		042-M-2532-01		042-M-2533-01		042-M-2534-01		042-M-2535-01		042-M-2536-01	
	ORIGINAL ID ----->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	LAB SAMPLE ID --->	951005-16		951021-19		950983-01		950983-02		950983-03		950983-04	
	ID FROM REPORT -->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	SAMPLE DATE ----->	12/04/95		12/07/95		11/28/95		11/28/95		11/28/95		11/28/95	
	DATE EXTRACTED -->	12/06/95		12/30/95		11/30/95		11/30/95		11/30/95		11/30/95	
	DATE ANALYZED --->	12/14/95		01/04/96		12/05/95		12/05/95		12/05/95		12/05/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	Z31001	VAL	EM0050	VAL	253301	VAL	253301	VAL	Z53301	VAL	253301	VAL
108-95-2	Phenol	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
95-57-8	2-Chlorophenol	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
541-73-1	1,3-Dichlorobenzene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
106-46-7	1,4-Dichlorobenzene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
95-50-1	1,2-Dichlorobenzene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
95-48-7	2-Methylphenol (0-Cresol)	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U	400.	UJ	410.	UJ	400.	UJ	410.	UJ	400.	UJ
106-44-5	4-Methylphenol (p-Cresol)	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
67-72-1	Hexachloroethane	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
98-95-3	Nitrobenzene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
78-59-1	Isophorone	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
88-75-5	2-Nitrophenol	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
105-67-9	2,4-Dimethylphenol	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
120-83-2	2,4-Dichlorophenol	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
91-20-3	Naphthalene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
106-47-8	4-Chloroaniline	410.	UR	400.	UJ	410.	U	400.	U	410.	U	400.	U
87-68-3	Hexachlorobutadiene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
91-57-6	2-Methylnaphthalene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
77-47-4	Hexbchlorocyclopentadiene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	990.	U	980.	UJ	990.	U	980.	U	980.	U	970.	U
91-58-7	2-Chloronaphthalene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
88-74-4	2-Nitroaniline	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
131-11-3	Dimethyl phthalate	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
208-96-8	Acenaphthylene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
606-20-2	2,6-Dinitrotoluene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
99-09-2	3-Nitroaniline	990.	U	980.	UJ	990.	UR	980.	UR	980.	UR	970.	UR
83-32-9	Acenaphthene	20.	U	20.	UJ	20.	U	20.	U	20.	U	19.	U
51-28-5	2,4-Dinitrophenol	990.	U	980.	UJ	990.	U	980.	U	980.	U	970.	U
100-02-7	4-Nitrophenol	990.	U	980.	UJ	990.	U	980.	U	980.	U	970.	U
132-64-9	Dibenzofuran	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2531-01		042-M-2532-01		042-M-2533-01		042-M-2534-01		042-M-2535-01		042-M-2536-01	
	ORIGINAL ID ----->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	LAB SAMPLE ID --->	951005-16		951021-19		950983-01		950983-02		950983-03		950983-04	
	ID FROM REPORT -->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	SAMPLE DATE ----->	12/04/95		12/07/95		11/28/95		11/28/95		11/28/95		11/28/95	
	DATE EXTRACTED -->	12/06/95		12/30/95		11/30/95		11/30/95		11/30/95		11/30/95	
	DATE ANALYZED --->	12/14/95		01/04/96		12/05/95		12/05/95		12/05/95		12/05/95	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	EM0050	VAL	253301	VAL	253301	VAL	253301	VAL	253301	VAL
121-14-2	2,4-Dinitrotoluene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
84-66-2	Diethylphthalate	410.	U	400.	UJ	410.	U	400.	U	410.	U	100.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
86-73-7	Fluorene	20.	U	20.	UJ	20.	U	20.	U	20.	U	19.	U
100-01-6	4-Nitroaniline	990.	U	980.	UJ	990.	UJ	980.	UJ	980.	UJ	970.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	990.	U	980.	UJ	990.	U	980.	U	980.	U	970.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
118-74-1	Hexachlorobenzene	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
87-86-5	Pentachlorophenol	990.	U	980.	UJ	990.	U	980.	U	980.	U	970.	U
85-01-8	Phenanthrene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
120-12-7	Anthracene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
84-74-2	Di-n-butylphthalate	410.	U	28.	J	410.	U	400.	U	410.	U	400.	U
206-44-0	Fluoranthene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
86-74-8	Carbazole	410.	U	400.	UJ	410.	U	400.	U	410.	U	400.	U
129-00-0	Pyrene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
85-68-7	Butylbenzylphthalate	410.	U	400.	UJ	410.	UJ	400.	UJ	410.	UJ	400.	UJ
91-94-1	3,3'-Dichlorobenzidine	410.	U	400.	UJ	410.	UJ	400.	UJ	410.	UJ	400.	UJ
56-55-3	Benzo(a)anthracene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
218-01-9	Chrysene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	70.	J	410.	UJ	400.	UJ	410.	UJ	400.	UJ
117-84-0	Di-n-octyl phthalate	410.	U	400.	UJ	410.	U	400.	U	410.	U	460.	U
205-99-2	Benzo(b)fluoranthene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
207-08-9	Benzo(k)fluoranthene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
50-32-8	Benzo(a)pyrene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
193-39-5	Indeno(1,2,3-cd)pyrene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
53-70-3	Dibenz(a,h)anthracene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U
191-24-2	Benzo(g,h,i)perylene	41.	U	40.	UJ	41.	U	40.	U	41.	U	40.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-H-2537-01		042-M-2538-01		042-M-Z539-01		042-M-2540-01		042-M-2541-01		042-M-2542-01	
	ORIGINAL ID ----->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	LAB SAMPLE ID --->	950983-05		950983-06		950930-12		960093-12		950930-13		950930-14	
	ID FROM REPORT -->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	SAMPLE DATE ----->	11/28/95		11/28/95		11/14/95		02/06/96		11/14/95		11/14/95	
	DATE EXTRACTED -->	11/30/95		11/30/95		11/19/95		02/12/96		11/19/95		11/19/95	
	DATE ANALYZED --->	12/05/95		12/08/95		11/28/95		02/19/96		11/28/95		11/28/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	253301	VAL	253301	VAL	241901	VAL	MZ1010	VAL	241901	VAL	241901	VAL
108-95-2	Phenol	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
111-44-4	bis(2-Chloroethyl)ether	39.	U	40.	U	41.	U	40.	U	40.	U	43.	U
95-57-8	2-Chlorophenol	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
541-73-1	1,3-Dichlorobenzene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
106-46-7	1,4-Dichlorobenzene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
95-50-1	1,2-Dichlorobenzene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
95-48-7	2-Methylphenol (0-Cresol)	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	UJ	400.	UR	410.	U	400.	U	400.	U	430.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
621-64-7	N-Nitroso-di-n-propylamine	39.	U	40.	U	41.	U	40.	U	40.	U	43.	U
67-72-1	Hexachloroethane	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
98-95-3	Nitrobenzene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
78-59-1	Isophorone	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
88-75-5	2-Nitrophenol	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
105-67-9	2,4-Dimethylphenol	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
120-83-2	2,4-Dichlorophenol	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
91-20-3	Naphthalene	39.	U	23.	J	41.	U	40.	U	40.	U	43.	U
106-47-8	4-Chloroeniline	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
87-68-3	Hexachlorobutadiene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
91-57-6	2-Methylnaphthalene	39.	U	40.	U	41.	U	40.	U	40.	U	43.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	400.	UJ	410.	U	400.	U	400.	U	430.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
95-95-4	2,4,5-Trichlorophenol	950.	U	980.	U	1000.	U	960.	U	980.	U	1100.	U
91-58-7	2-Chloronaphthalene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
88-74-4	2-Nitroaniline	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
131-11-3	Dimethyl phthalate	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
208-96-8	Acenaphthylene	39.	U	40.	U	410.	U	40.	U	400.	U	430.	U
606-20-2	2,6-Dinitrotoluene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
99-09-2	3-Nitroaniline	950.	UR	980.	UR	1000.	U	960.	U	980.	U	1100.	U
83-32-9	Acenaphthene	19.	U	20.	U	20.	U	19.	U	20.	U	21.	U
51-28-5	2,4-Dinitrophenol	950.	U	980.	UJ	1000.	U	960.	U	980.	U	1100.	U
100-02-7	4-Mitrophenol	950.	U	980.	U	1000.	U	960.	U	980.	U	1100.	U
132-64-9	Dibenzofuran	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2537-01		042-M-2538-01		042-M-2539-01		042-M-2540-01		042-M-2541-01		042-M-2542-01	
	ORIGINAL ID ----->	040MZ53701		040MZ53801		040MZ53901		04011254001		040MZ54101		040MZ54201	
	LAB SAMPLE ID --->	950983-05		950983-06		950930-12		960093-12		950930-13		950930-14	
	ID FROM REPORT -->	040MZ53701		040MZ53801		040MZ53901		04011254001		040MZ54101		040MZ54201	
	SAMPLE DATE ----->	11/28/95		11/28/95		11/14/95		02/06/96		11/14/95		11/14/95	
	DATE EXTRACTED -->	11/30/95		11/30/95		11/19/95		02/12/96		11/19/95		11/19/95	
	DATE ANALYZED --->	12/05/95		12/08/95		11/28/95		02/19/96		11/28/95		11/28/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	253301	VAL	253301	VAL	241901	VAL	MZ1010	VAL	241901	VAL	241901	VAL
121-14-2	,4-Dinitrotoluene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
84-66-2	iethylphthalate	390.	U	400.	U	410.	U	21.	J	400.	U	430.	U
7005-72-3	-Chlorophenylphenylether	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
86-73-7	luorene	19.	U	20.	U	20.	U	19.	U	20.	U	21.	U
100-01-6	-Nitroaniline	950.	UJ	980.	UJ	1000.	U	960.	U	980.	U	1100.	U
534-52-1	-Methyl-4,6-Dinitrophenol	950.	U	980.	U	1000.	U	960.	U	980.	U	1100.	U
86-30-6	-Nitrosodiphenylamine	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
101-55-3	-Bromophenyl-phenylether	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
118-74-1	exachlorobenzene	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
87-86-5	entachlorophenol	950.	U	980.	U	1000.	U	960.	U	980.	U	1100.	U
85-01-8	henanthrene	39.	U	22.	J	41.	U	40.	U	40.	U	43.	U
120-12-7	nthracene	39.	U	40.	U	41.	U	40.	U	40.	U	43.	U
84-74-2	i-n-butylphthalate	390.	U	400.	U	27.	J	24.	J	400.	U	430.	U
206-44-0	luoranthene	39.	U	52.		21.	J	40.	U	40.	U	43.	U
86-74-8	arbazole	390.	U	400.	U	410.	U	400.	U	400.	U	430.	U
129-00-0	yrene	39.	U	50.		24.	J	40.	U	40.	U	43.	U
85-68-7	uty benzylphthalate	390.	UJ	20.	J	410.	U	400.	U	400.	U	430.	U
91-94-1	,3'-Dichlorobenzidine	390.	UJ	400.	UJ	410.	U	400.	U	400.	U	430.	U
56-55-3	enzo(a)anthracene	39.	U	30.	J	41.	U	40.	U	40.	U	43.	U
218-01-9	hrysene	39.	U	35.	J	24.	J	40.	U	40.	U	43.	U
117-81-7	is(2-Ethylhexyl)phthalate (BEHP)	390.	UJ	400.	U	410.	U	400.	UJ	400.	U	430.	U
117-84-0	i-n-octyl phthalate	390.	U	400.	U	410.	UJ	400.	U	400.	UJ	430.	UJ
205-99-2	enzo(b)fluoranthene	39.	U	66.		69.		40.	U	40.	U	43.	U
207-08-9	enzo(k)fluoranthene	39.	U	21.	J	33.	J	40.	U	40.	U	43.	U
50-32-8	enzo(a)pyrene	39.	U	30.	J	29.	J	40.	U	40.	U	43.	U
193-39-5	ndeno(1,2,3-cd)pyrene	39.	U	33.	J	21.	J	40.	U	40.	U	43.	U
53-70-3	ibenz(a,h)anthracene	39.	U	40.	U	41.	U	40.	U	40.	U	43.	U
191-24-2	enzo(g,h,i)perylene	39.	U	36.	J	41.	U	40.	U	40.	U	43.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-H-2543-01		042-M-Z544-01		042-M-Z545-01		042-M-2601-01		042-M-Z602-01		042-N-Z603-01	
	ORIGINAL ID ----->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	LAB SAMPLE ID --->	950930-15		950930-16		950930-17		950930-18		960084-01		950930-19	
	ID FROM REPORT -->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/14/95		01/31/96		11/14/95	
	DATE EXTRACTED -->	11/19/95		11/19/95		11/19/95		11/19/95		02/11/96		11/19/95	
	DATE ANALYZED --->	11/28/95		11/28/95		11/28/95		11/28/95		02/14/96		11/28/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL	Z41901	VAL	MZ6020	VAL	241901	VAL
108-95-2	Phenol	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
111-44-4	bis(2-Chloroethyl)ether	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
95-57-8	2-Chlorophenol	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
541-73-1	1,3-Dichlorobenzene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
106-46-7	1,4-Dichlorobenzene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
95-50-1	1,2-Dichlorobenzene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
95-48-7	2-Methylphenol (0-Cresol)	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	990.	U	410.	U	360.	U	1400,	U	640.	U	1200.	U
106-44-5	4-Methylphenol (p-Cresol)	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
621-64-7	N-Nitroso-di-n-propylamine	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
67-72-1	Hexachloroethane	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
98-95-3	Nitrobenzene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
78-59-1	Isophorone	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
88-75-5	2-Nitrophenol	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
105-67-9	2,4-Dimethylphenol	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
111-91-1	bis(2-Chloroethoxy)methane	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
120-83-2	2,4-Dichlorophenol	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
120-82-1	1,2,4-Trichlorobenzene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
91-20-3	Naphthalene	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
106-47-8	4-Chloroaniline	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
87-68-3	Hexachlorobutadiene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
59-50-7	4-Chloro-3-mthylphenol	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
91-57-6	2-Methylnaphthalene	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
77-47-4	Hexachlorocyclopentadicne	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
88-06-2	2,4,6-Trichlorophenol	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
95-95-4	2,4,5-Trichlorophenol	2400.	U	980.	U	860.	U	3300.	U	1600.	U	2900.	U
91-58-7	2-Chloronaphthalene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
88-74-4	2-Nitroaniline	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
131-11-3	Dimethyl phthalate	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
208-96-8	Acenaphthylene	990.	U	410.	U	360.	U	1400.	U	64.	U	1200.	U
606-20-2	2,6-Dinitrotoluene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
99-09-2	3-Nitroaniline	2400.	U	980.	U	860.	U	3300.	U	1600.	U	2900.	U
83-32-9	Acenaphthene	48.	U	20.	U	17.	U	66.	U	31.	U	58.	U
51-28-5	2,4-Dinitrophenol	2400.	U	980.	U	860.	U	3300.	U	1600.	U	2900.	U
100-02-7	4-Mitrophenol	2400.	U	980.	U	860.	U	3300.	U	1600.	U	2900.	U
132-64-9	Dibenzofuran	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID -------:	042-M-2543-01		042-M-Z544-01		042-M-2545-01		042-H-2601-01		042-M-Z602-01		042-M-2603-01	
	ORIGINAL ID -----:	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	LAB SAMPLE ID ---:	950930-15		950930-16		950930-17		950930-18		960084-01		[illegible]	
	ID FROM REPORT --:	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201			
	SAMPLE DATE -----:	11/14/95		11/14/95		11/14/95		11/14/95		01/31/96		11/14/95	
	DATE EXTRACTED --:	11/19/95		11/19/95		11/19/95		11/19/95		02/11/96		11/19/95	
	DATE ANALYZED ---:	11/28/95		11/28/95		11/28/95		11/28/95		02/14/96		11/28/95	
	MATRIX ----------:	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	Z41901	VAL	241901	VAL	241901	VAL	Z41901	VAL	MZ6020	VAL	241901	VAL
121-14-2	2,4-Dinitrotoluene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
84-66-2	Diethylphthalate	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
7005-72-3	4-Chlorophenylphenylether	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
86-73-7	Fluorene	48.	U	20.	U	17.	U	66.	U	31.	U	58.	U
100-01-6	4-Nitroaniline	2400.	U	980.	U	860.	U	3300.	U	1600.	U	2900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2400.	U	980.	U	860.	U	3300.	U	1600.	U	2906.	U
86-30-6	N-Nitrosodiphenylamine	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
101-55-3	4-Bromophenyl-phenylether	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
118-74-1	Hexachlorobenzene	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
87-86-5	Pentachlorophenol	2400.	U	21.	J	860.	U	3300.	U	1600.	U	2900.	U
85-01-8	Phenanthrene	99.	U	33.	J	36.	U	140.	U	64.	U	120.	U
120-12-7	Anthracene	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
84-74-2	Di-n-butylphthalate	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
206-44-0	Fluoranthene	99.	U	53.		36.	U	140.	U	64.	U	190.	
86-74-8	Carbazole	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
129-00-0	Pyrene	99.	U	50.		36.	U	140.	U	64.	U	200.	
85-68-7	Butylbenzylphthalate	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
91-94-1	3,3'-Dichlorobenzidine	990.	U	410.	U	360.	U	1400.	U	640.	U	1200.	U
56-55-3	Benzo(a)anthracene	99.	U	27.	J	36.	U	140.	U	64.	U	130.	
218-01-9	Chrysene	99.	U	27.	J	36.	U	140.	U	64.	U	160.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	990.	U	410.	U	360.	U	1400.	U	92.	J	1200.	U
117-84-0	Di-n-octyl phthalate	990.	UJ	410.	UJ	360.	UJ	1400.	UJ	640.	U	1200.	UJ
205-99-2	Benzo(b)fluoranthene	99.	U	39.	J	36.	U	140.	U	64.	U	170.	
207-08-9	Benzo(k)fluoranthene	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
50-32-8	Benzo(a)pyrene	99.	U	25.	J	36.	U	140.	U	64.	U	120.	U
193-39-5	Indeno(1,2,3-cd)pyrene	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
53-70-3	Dibenz(a,h)anthracene	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U
191-24-2	Benzo(g,h,i)perylene	99.	U	41.	U	36.	U	140.	U	64.	U	120.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2604-01		042-M-2605-01		042-M-2606-01		042-M-2607-01		042-M-2608-01		042-H-2609-01	
	ORIGINAL ID ----->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	LAB SAMPLE ID --->	950922-10		950922-11		950922-12		950922-13		950922-14		950922-15	
	ID FROM REPORT -->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	SAMPLE DATE ----->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE EXTRACTED -->	11/14/95		11/14/95		11/14/95		11/14/95		11/14/95		11/14/95	
	DATE ANALYZED --->	11/25/95		11/25/95		11/25/95		11/25/95		11/25/95		11/25/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL
108-95-2	Phenol	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
111-44-4	bis(2-Chloroethyl)ether	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
95-57-8	2-Chlorophenol	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
541-73-1	1,3-Dichlorobenzene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
106-46-7	1,4-Dichlorobenzene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
95-50-1	1,2-Dichlorobenzene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
95-48-7	2-Methylphenol (0-Cresol)	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
621-64-7	N-Nitroso-di-n-propylamine	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
67-72-1	Hexachloroethane	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
98-95-3	Nitrobenzene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
78-59-1	Isophorone	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
88-75-5	2-Nitrophenol	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
105-67-9	2,4-Dimethylphenol	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
120-83-2	2,4-Dichlorophenol	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
91-20-3	Naphthalene	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
106-47-8	4-Chloroaniline	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
87-68-3	Hexachlorobutadiene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
59-50-7	4-Chloro-3-methylphenol	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
91-57-6	2-Methylnaphthalene	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
77-47-4	Hexachlorocyclopentadiene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	1800.	U	1100.	U	1000.	U	1000.	U	1100.	U
91-58-7	2-Chloronaphthalene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
88-74-4	2-Nitroaniline	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
131-11-3	Dimethyl phthalate	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
208-96-8	Acenaphthylene	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
606-20-2	2,6-Dinitrotoluene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
99-09-2	3-Nitroaniline	1000.	U	1800.	U	1100.	U	1000.	U	1000.	U	1100.	U
83-32-9	Acenaphthene	21.	U	36.	U	21.	U	20.	U	20.	U	22.	U
51-28-5	2,4-Dinitrophenol	1000.	U	1800.	U	1100.	U	1000.	U	1000.	U	1100.	U
100-02-7	4-Nitrophenol	1000.	U	1800.	U	1100.	U	1000.	U	1000.	U	1100.	U
132-64-9	Dibenzofuran	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA															
	SAMPLE ID ------->	042-M-2604-01		042-H-2605-01		042-M-2606-01		042-M-Z607-0I		042-M-Z608-01		042-M-Z609-01	
	ORIGINAL ID ----->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	LAB SAMPLE ID --->	950922-10		950922-11		950922-12		950922-13		950922-14		950922-15	
	ID FROM REPORT -->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	SAMPLE DATE ----->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE EXTRACTED -->	11/14/95		11/14/95		11/14/95		11/14/95		11/14/95		11/14/95	
	DATE ANALYZED --->	11/25/95		11/25/95		11/25/95		11/25/95		11/25/95		11/25/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	Z61101	VAL	261101	VAL	261101	VAL	261101	VAL	Z61101	VAL	261101	VAL
121-14-2	2,4-Dinitrotoluene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
84-66-2	Diethylphthalate	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
86-73-7	Fluorene	21.	U	36.	U	21.	U	20.	U	20.	U	22.	U
100-01-6	4-Nitroaniline	1000.	U	1800.	U	1100.	U	1000.	U	1000.	U	1100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1800.	U	1100.	U	1000.	U	1000.	U	1100.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
118-74-1	Hexachlorobenzene	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
87-86-5	Pentachlorophenol	1000.	U	1800.	U	1100.	U	1000.	U	1000.	U	1100.	U
85-01-8	Phenanthrene	42.	U	67.	J	44.	U	42.	U	42.	U	44.	U
120-12-7	Anthracene	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
84-74-2	Di-n-butylphthalate	30.	J	46.	J	31.	J	27.	J	24.	J	41.	J
206-44-0	Fluorenthene	23.	J	130.		44.	U	42.	U	42.	U	44.	U
86-74-8	Carbazole	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
129-00-0	Pyrene	22.	J	160.		44.	U	42.	U	42.	U	44.	U
85-68-7	Butylbenzylphthalate	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
91-94-1	3,3'-Dichlorobenzidine	420.	U	750.	U	440.	U	420.	U	420,	U	440.	U
56-55-3	Benzo(a)anthracene	42.	U	95.		44.	U	42.	U	42.	U	44.	U
218-01-9	Chrysene	120.		76.		44.	U	42.	U	42.	U	44.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U	750.	U	440.	U	420.	U	420.	U	440.	U
117-84-0	Di-n-octyl phthalate	420.	UJ	750.	UJ	440,	UJ	420.	UJ	420.	U	440.	UJ
205-99-2	Benzo(b)fluoranthene	24.	J	110.		44.	U	42.	U	42.	U	44.	U
207-08-9	Benzo(k)fluoranthene	42.	U	50.	J	44.	U	42.	U	42.	U	44.	U
50-32-8	Benzo(a)pyrene	42.	U	76.		44.	U	42.	U	42.	U	44.	U
193-39-5	Indeno(1,2,3-cd)pyrene	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
53-70-3	Dibenr(a,h)anthracene	42.	U	75.	U	44.	U	42.	U	42.	U	44.	U
191-24-2	Benzo(g,h,i)perylene	42.	U	43.	J	44.	U	42.	U	42.	U	44.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z610-01		042-M-Z611-01		042-M-2612-01		042-M-Z613-01		042-M-Z614-01		042-M-Z615-01	
	ORIGINAL ID ----->	040MZ61001		040MZ61101		040MZ61201		040MZ61301		040MZ61401		040MZ61501	
	LAB SAMPLE ID --->	950922-16		950922-01		950922-02		950922-03		950922-04		950922-05	
	ID FROM REPORT -->	040MZ61001		04MZ61101		04MZ61201		04MZ61301		04MZ61401		04MZ61501	
	SAMPLE DATE ----->	11/09/95		11/08/95		11/08/95		11/08/95		11/08/95		11/08/95	
	DATE EXTRACTED -->	11/14/95		11/14/95		11/14/95		11/14/95		11/14/95		11/14/95	
	DATE ANALYZED --->	11/25/95		11/22/95		11/22/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL
108-95-2	Phenol	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
111-44-4	bis(2-Chloroethyl)ether	42.	U	42.	U	43.	U	56.	U	45.	U	37.	U
95-57-8	2-Chlorophenol	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
541-73-1	1,3-Dichlorobenzene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
106-46-7	1,4-Dichlorobenzene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
95-50-1	1,2-Dichlorobenzene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
95-48-7	2-Methylphenol (0-Cresol)	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
621-64-7	N-Nitroso-di-n-propylamine	42.	U	42.	U	43.	U	56.	U	45.	U	37.	U
67-72-1	Hexachloroethane	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
98-95-3	Nitrobenzene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
78-59-1	lsophorone	420.	U	420.	U	430.	U	560.	U	450,	U	370.	U
88-75-5	2-Nitrophenol	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
105-67-9	2,4-Dimethylphenol	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
120-83-2	2,4-Dichlorophenol	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
91-20-3	Naphthalene	42.	U	42.	U	43.	U	56.	U	45.	U	37.	U
106-47-8	4-Chloroaniline	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
87-68-3	Hexachlorobutadiene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
59-50-7	4-Chloro-3-methytphenol	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
91-57-6	2-Methylnaphthalene	42.	U	42.	U	43.	U	56.	U	45.	U	37.	U
77-47-4	Hexachlorocyclopentadiene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U	1000.	U	1400.	U	1100.	U	910.	U
91-58-7	2-Chloronaphthalene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
88-74-4	2-Nitroaniline	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
131-11-3	Dimethyl phthalate	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
208-96-8	Acenaphthylene	42.	U	42.	U	43.	U	56.	U	45.	U	37.	U
606-20-2	2,6-Dinitrotoluene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
99-09-2	3-Nitroaniline	1000.	U	1000.	U	1000.	U	1400.	U	1100.	U	910.	U
83-32-9	Acenaphthene	20.	U	20.	U	21.	U	27.	U	22.	U	18.	U
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U	1000.	U	1400.	U	1100.	U	910.	U
100-02-7	4-Nitrophenol	1000.	U	1000.	U	1000.	U	1400.	U	1100.	U	910.	U
132-64-9	Dibenzofuran	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z610-01		042-M-Z611-01		042-M-Z612-01		042-M-2613-01		042-M-Z614-01		042-H-2615-01	
	ORIGINAL ID ----->	040MZ61001		040MZ61101		040MZ61201		040MZ61301		040MZ61401		040MZ61501	
	LAB SAMPLE ID --->	950922-16		950922-01		950922-02		950922-03		950922-04		950922-05	
	ID FROM REPORT -->	040MZ61001		04MZ61101		04MZ61201		04MZ61301		04MZ61401		04MZ61501	
	SAMPLE DATE ----->	11/09/95		11/08/95		11/08/95		11/08/95		11/08/95		11/08/95	
	DATE EXTRACTED -->	11/14/95		11/14/95		11/14/95		11/14/95		11/14/95		11/14/95	
	DATE ANALYZED --->	11/25/95		11/22/95		11/22/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL	Z61101	VAL
121-14-2	2,4-Dinitrotoluene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
84-66-2	Diethylphthalate	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
86-73-7	Fluorene	20.	U	31.		21.	U	27.	U	22.	U	18.	U
100-01-6	4-Nitroaniline	1000.	U	1000.	U	1000.	U	1400.	U	1100.	U	910.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1000.	U	1000.	U	1400.	U	1100.	U	910.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
118-74-1	Hexachlorobenzene	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
87-86-5	Pentachlorophenol	1000.	U	1000.	U	1000.	U	1400.	U	1100.	U	910.	U
85-01-8	Phenanthrene	42.	U	260.		43.	U	56.	U	75.		37.	U
120-12-7	Anthracene	42.	U	52.		43.	U	56.	U	45.	U	37.	U
84-74-2	Di-n-butylphthalate	33.	J	22.	J	430.	U	560.	U	31.	J	34.	J
206-44-0	Fluoranthene	24.	J	220.		43.	U	48.	J	140.		19.	J
86-74-8	Carbazole	420.	U	53.	J	430.	U	560.	U	450.	U	370.	U
129-00-0	Pyrene	42.	U	160.		43.	U	47.	J	110.		37.	U
85-68-7	Butylbenzylphthalate	420.	U	420.	U	430.	U	560.	U	30.	J	370.	U
91-94-1	3,3'-Dichlorobenzidine	420.	U	420.	UJ	430.	UJ	560.	UJ	450.	UJ	370.	UJ
56-55-3	Benzo(a)anthracene	42.	U	85.		43.	U	45.	J	53.		37.	U
218-01-9	Chrysene	42.	U	94.		43.	U	43.	J	63.		37.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP	420.	U	420.	U	430.	U	560.	U	450.	U	370.	U
117-84-0	Di-n-octyl phthalate	420.	UJ	420.	U	430.	U	560.	U	450.	U	370.	U
205-99-2	Benzo(b)fluoranthene	42.	U	110.		43.	U	62.		76.		37.	U
207-08-9	Benzo(k)fluoranthene	42.	U	52.		43.	U	56.	U	33.	J	37.	U
50-32-8	Benzo(a)pyrene	42.	U	68.		43.	U	52.	J	63.		37.	U
193-39-5	Indeno(1,2,3-cd)pyrene	42.	U	44.		43.	U	56.	U	28.	J	37.	U
53-70-3	Dibenz(a,h)anthracene	42.	U	42.	U	43.	U	56.	U	45.	U	37.	U
191-24-2	Benzo(g,h,i)perylene	42.	U	46.		43.	U	56.	U	27.	J	37.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2616-01		042-M-2617-01		042-M-2618-01		042-M-2619-01		042-M-2620-01		042-M-2621-01	
	ORIGINAL ID ----->	040MZ61601		040MZ61701		040MZ61801		040MZ61901		040MZ62001		040MZ62101	
	LAB SAMPLE ID --->	950922-06		950922-07		950922-08		960084-02		950899-14		950899-15	
	ID FROM REPORT -->	04MZ61601		04MZ61701		04MZ61801		04011261901		040MZ62001		040MZ62101	
	SAMPLE DATE ----->	11/08/95		11/08/95		11/08/95		01/31/96		11/06/95		11/06/95	
	DATE EXTRACTED -->	11/14/95		11/14/95		11/14/95		02/11/96		11/09/95		11/09/95	
	DATE ANALYZED --->	11/22/95		11/25/95		11/25/95		02/15/96		11/24/95		11/22/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	MZ6020	VAL	040EM0	VAL	040EM0	VAL
108-95-2	Phenol	1000.	U	410.	U	540.	U	540.	U	450.	U	38.	J
111-44-4	bis(2-Chloroethyl)ether	100.	U	41.	U	54.	U	54.	U	45.	U	41.	U
95-57-8	2-Chlorophenol	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
541-73-1	1,3-Dichlorobenzene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
106-46-7	1,4-Dichlorobenzene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
95-50-1	1,2-Dichlorobenzene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
95-48-7	2-Methylphenol (0-Cresol)	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	100.	U	41.	U	54.	U	54.	U	45.	U	41.	U
67-72-1	Hexachloroethane	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
98-95-3	Nitrobenzene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
78-59-1	Isophorone	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
88-75-5	2-Nitrophenol	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
105-67-9	2,4-Dimethylphenol	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
120-83-2	2,4-DichLorophenol	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
91-20-3	Naphthalene	100.	U	41.	U	54.	U	54.	U	45.	U	41.	U
106-47-8	4-Chloroaniline	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
87-68-3	Hexachlorobutadiene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
91-57-6	2-Methylnaphthalene	100.	U	41.	U	54.	U	54.	U	45.	U	41.	U
77-47-4	Hexechlorocyclopentadiene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	2500.	U	1000.	U	1300.	U	1300.	U	1100.	U	1000.	U
91-58-7	2-Chloronaphthalene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
88-74-4	2-Nitroanitine	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
131-11-3	Dimethyl phthalate	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
208-96-8	Acenaphthylene	100.	U	41.	U	54.	U	54.	U	450.	U	410.	U
606-20-2	2,6-Dinitrotoluene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
99-09-2	3-Nitroaniline	2500.	U	1000.	U	1300.	U	1300.	U	1100.	U	1000.	U
83-32-9	Acenaphthene	50.	U	20.	U	26.	U	26.	U	22.	U	20.	U
51-28-5	2,4-Dinitrophenol	2500.	U	1000.	U	1300.	U	1300.	U	1100.	U	1000.	U
100-02-7	4-Nitrophenol	2500.	U	1000.	U	1300.	U	1300.	U	1100.	U	1000.	U
132-64-9	Dibenzofuran	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

		042-M-2616-01 040MZ61601 950922-06 04MZ61601 11/08/95 11/14/95 11/22/95 Sediment UG/KG		042-M-2617-01 040MZ61701 950922-07 04MZ61701 11/08/95 11/14/95 11/25/95 Sediment UG/KG		042-H-2618-01 040MZ61801 950922-08 04MZ61801 11/08/95 11/14/95 11/25/95 Sediment UG/KG		042-M-2619-01 040MZ61901 960084-02 040MZ61901 01/31/96 02/11/96 02/15/96 Sediment UG/KG		042-M-2620-01 040MZ62001 950899-14 040MZ62001 11/06/95 11/09/95 11/24/95 Sediment UG/KG		042-M-Z621-01 040MZ62101 950899-15 040MZ62101 11/06/95 11/09/95 11/22/95 Sediment UG/KG	
	UNITS "--*------->												
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	ut6020	VAL	040EMO	VAL	040EMO	VAL
121-14-2	2,4-Dinitrotoluene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
84-66-2	Diethylphthalate	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
86-73-7	Fluorene	50.	U	20.	U	26.	U	26.	U	22.	U	20.	U
100-01-6	4-Nitroaniline	2500.	U	1000.	U	1300.	U	1300.	U	1100.	U	1000.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	2500.	U	1000.	U	1300.	U	1300.	U	1100.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
118-74-1	Hexachlorobenzene	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
87-86-5	Pentachlorophenol	2500.	U	1000.	U	1300.	U	1300.	U	1100.	U	1000.	U
85-01-8	Phenanthrene	59.	J	27.	J	48.	J	54.	U	98.		41.	U
120-12-7	Anthracene	100.	U	41.	U	54.	U	54.	U	45.	U	41.	U
84-74-2	Di-n-butylphthalate	1000.	U	410.	U	540.	U	540.	U	24.	J	410.	U
206-44-0	Fluoranthene	98.	J	68.		150.		120.		120.		41.	U
86-74-8	Carbazole	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
129-00-0	Pyrme	120.		61.		160.		120.		89.		41.	U
85-68-7	Butylbenzylphthalate	55.	J	410.	U	540.	U	540.	U	450.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	1000.	UJ	410.	U	540.	U	540.	U	450.	U	410.	U
56-55-3	Benzo(a)anthracene	89.	J	21.	J	84.		70.		30.	J	41.	U
218-01-9	Chrysene	74.	J	39.	J	92.		83.		40.		41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1000.	U	410.	U	540.	U	540.	U	450.	UJ	410.	U
117-84-0	Di-n-octyl phthalate	1000.	U	410.	U	540.	U	540.	U	450.	U	410.	U
205-99-2	Benzo(b)fluoranthene	140.		32.	J	140.		190.		62.		41.	U
207-08-9	Benzo(k)fluoranthcne	100.	U	27.	J	100.		62.		27.	J	41.	U
50-32-8	Benzo(a)pyrene	110.		41.	U	76.		140.		45.	U	41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	100.	U	41.	U	44.	J	60.		45.	U	41.	U
53-70-3	Dibenz(a,h)anthracene	100.	U	41.	U	54.	U	54.	U	45.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	100.	U	41.	U	51.	J	62.		45.	U	41.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2622-01		042-M-2623-01		042-H-2701-01		042-14-2702-01		042-M-2703-01		042-M-2704-01	
	ORIGINAL ID ----->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	LAB SAMPLE ID --->	950899-16		950899-17		950899-18		950899-19		950899-20		950899-21	
	ID FROM REPORT -->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	SAMPLE DATE ----->	11/06/95		11/06/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE EXTRACTED -->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE ANALYZED --->	11/20/95		11/18/95		11/24/95		11/18/95		11/18/95		11/18/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
108-95-2	Phenol	25.	J	410.	U	410.	U	410.	U	420.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	44.	U	41.	U	41.	U	41.	U	42.	U	41.	U
95-57-8	2-Chlorophenol	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
541-73-1	1,3-Dichlorobenzene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
106-46-7	1,4-Dichlorobenzene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
95-50-1	1,2-Dichlorobenzene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
95-48-7	2-Methylphenol (0-Cresol)	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	44.	U	41.	U	41.	U	41.	U	42.	U	41.	U
67-72-1	Hexachloroethane	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
98-95-3	Nitrobenzene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
78-59-1	Isophorone	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
88-75-5	2-Mitrophenol	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
105-67-9	2,4-Dimethylphenol	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
120-83-2	2,4-Dichlorophenol	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
91-20-3	Naphthalene	44.	U	41.	U	41.	U	41.	U	42.	U	41.	U
106-47-8	4-Chloroaniline	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
87-68-3	Hexachlorobutadiene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
91-57-6	2-Methylnaphthalene	44.	U	41.	U	41.	U	41.	U	42.	U	41.	U
77-47-4	Hexnchlorocyclopentadiene	440.	U	410.	UJ	410.	U	410.	UJ	420.	UJ	410.	UJ
88-06-2	2,4,6-Trichlorophenol	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
95-95-4	2,4,5-trichlorophenol	1100.	U	990.	U	1000.	U	1000.	U	1000.	U	1000.	U
91-58-7	2-Chloronaphthalene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
88-74-4	2-Nitroaniline	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
131-11-3	Dimethyl phthalate	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
208-96-8	Acenaphthylene	28.	J	410.	U	410.	U	410.	U	420.	U	410.	U
606-20-2	2,6-Dinitrotoluene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
99-09-2	3-NitroaniLine	1100.	U	990.	U	1000.	U	1000.	U	1000.	U	1000.	U
83-32-9	Acenaphthene	21.	U	20.	U	20.	U	20.	U	20.	U	20.	U
51-28-5	2,4-Dinitrophenol	1100.	U	990.	U	1000.	U	1000.	U	1000.	U	1000.	U
100-02-7	4-Nitrophenol	1100.	U	990.	U	1000.	U	1000.	U	1000.	U	1000.	U
132-64-9	Dibenzofuran	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-H-2622-01		042-M-2623-01		042-M-Z701-01		042-M-Z702-01		042-M-Z703-01		042-H-2704-01	
	ORIGINAL ID ----->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	LAB SAMPLE ID --->	950899-16		950899-17		950899-18		950899-19		950899-20		950899-21	
	ID FROM REPORT -->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	SAMPLE DATE ----->	11/06/95		11/06/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE EXTRACTED -->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE ANALYZED --->	11/20/95		11/18/95		11/24/95		11/18/95		11/18/95		11/18/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
121-14-2	2,4-Dinitrotoluene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
84-66-2	Diethylphthalate	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
86-73-7	Fluorene	46.		20.	U	20.	U	20.	U	20.	U	20.	U
100-01-6	4-Nitroani Line	1100.	U	990.	U	1000.	U	1000.	U	1000.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	U	990.	U	1000.	U	1000.	U	1000.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
101-55-3	4-Brmphenyl-phenylether	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
118-74-1	Hexachlorobenzene	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
87-86-5	Pentachlorophenol	1100.	U	990.	U	1000.	U	1000.	U	1000.	U	1000.	U
85-01-8	Phenanthrene	410.		41.	U	41.	U	41.	U	42.	U	41.	U
120-12-7	Anthracene	130.		41.	U	41.	U	41.	U	42.	U	41.	U
84-74-2	Di-n-butylphthalate	30.	J	410.	U	410.	U	410.	U	23.	J	410.	U
206-44-0	Fluoranthene	730.		41.	U	41.	U	41.	U	42.	U	41.	U
86-74-8	Carbazole	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
129-00-0	Pyrene	680.		41.	U	41.	U	41.	U	42.	U	41.	U
85-68-7	Butylbenzylphthalate	440.	U	410.	U	410.	U	410.	U	420.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	440.	UJ	410.	U	410.	U	410.	U	420.	U	410.	U
56-55-3	Benzo(a)anthracene	310.		41.	U	41.	U	41.	U	42.	U	41.	U
218-01-9	Chrysene	520.		41.	U	41.	U	41.	U	42.	U	41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1100.	J	410.	UJ	410.	UJ	530.	UJ	660.	UJ	410.	UJ
117-84-0	Di-n-octyl phthalate	440.	UJ	410.	U	410.	U	410.	U	420.	U	410.	U
205-99-2	Benzo(b)fluoranthene	460.	J	41.	U	41.	U	41.	U	42.	U	41.	U
207-08-9	Benzo(k)fluoranthene	200.	J	41.	U	41.	U	41.	U	42.	U	41.	U
50-32-8	Benzo(a)pyrene	330.	J	41.	U	41.	U	41.	U	42.	U	41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	130.	J	41.	U	41.	U	41.	U	42.	U	41.	U
53-70-3	Dibenz(a,h)anthracene	44.	UJ	41.	U	41.	U	41.	U	42.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	140.	J	41.	U	41.	U	41.	U	42.	U	41.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

		042-M-2705-01		042-M-2706-01		042-M-2707-01		042-M-2708-01		042-M-2709-01		042-M-2710-01	
		040MZ70501		040MZ70601		040MZ70701		040MZ70801		040MZ70901		040MZ71001	
		950899-05		950899-06		950899-07		950899-08		950899-09		960093-13	
		040MZ70501		040MZ70601		040MZ70701		040MZ70801		040MZ70901		040MZ71001	
		11/02/95		11/02/95		11/01/95		11/02/95		11/02/95		02/06/96	
		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		02/12/96	
		11/27/95		11/22/95		11/20/95		11/20/95		11/20/95		02/21/96	
		Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
UNITS ---------->		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ1010	VAL
108-95-2	Phenol	400.	U	410.	U	400.	U	24.	J	410.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
95-57-8	2-Chlorophenol	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
541-73-1	1,3-Dichlorobenzene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
106-46-7	1,4-Dichlorobenzene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
95-50-1	1,2-Dichlorobenzene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	UR	410.	U	400.	U	390.	U	410.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
67-72-1	Hexachloroethane	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
98-95-3	Nitrobenzene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
78-59-1	Isophorone	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
88-75-5	2-Nitrophenol	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
105-67-9	2,4-Dimethylphenol	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
120-83-2	2,4-Dichlorophenol	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
91-20-3	Naphthalene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
106-47-8	4-Chloroaniline	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
87-68-3	Hexachlorobutadiene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
91-57-6	2-Methylnaphthalene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
77-47-4	Hexachlorocyclopentadiene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	980.	U	1000.	U	970.	U	950.	U	980.	U	1000.	U
91-58-7	2-Chloronaphthalene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
88-74-4	2-Nitroaniline	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
131-11-3	Dimethyl phthalate	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
208-96-8	Acenaphthylene	400.	U	410.	U	400.	U	390.	U	410.	U	41.	U
606-20-2	2,6-Dinitrotoluene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
99-09-2	3-Nitroaniline	980.	U	1000.	U	970.	U	950.	U	980.	U	1000.	UJ
83-32-9	Acenaphthene	20.	U	20.	U	19.	U	19.	U	20.	U	20.	U
51-28-5	2,4-Dinitrophenol	980.	U	1000.	U	970.	U	950.	U	980.	U	1000.	UJ
100-02-7	4-Nitrophenol	980.	U	1000.	U	970.	U	950.	U	980.	U	1000.	U
132-64-9	Dibenzofuran	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PKNSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2705-01		042-M-2706-01		042-M-2707-01		042-M-2708-01		042-M-2709-01		042-H-2710-01	
	ORIGINAL ID ----->	040MZ70501		040MZ70601		040MZ70701		040MZ70801		040MZ70901		040MZ71001	
	LAB SAMPLE ID --->	950899-05		950899-06		950899-07		950899-08		950899-09		960093-13	
	ID FROM REPORT -->	040MZ70501		040MZ70601		040MZ70701		040MZ70801		040MZ70901		040MZ71001	
	SAMPLE DATE ----->	11/02/95		11/02/95		11/01/95		11/02/95		11/02/95		02/06/96	
	DATE EXTRACTED -->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		02/12/96	
	DATE ANALYZED --->	11/27/95		11/22/95		11/20/95		11/20/95		11/20/95		02/21/96	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ1010	VAL
121-14-2	2,4-Dinitrotoluene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
84-66-2	Diethylphthalate	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
86-73-7	Fluorene	20.	U	20.	U	19.	U	19.	U	20.	U	20.	U
100-01-6	4-Nitroaniline	980.	U	1000.	U	970.	U	950.	U	980.	U	1000.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	980.	U	1000.	U	970.	U	950.	U	980.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
118-74-1	Hexachlorobenzene	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
87-86-5	Pentachlorophenol	980.	U	1000.	U	970.	U	950.	U	980.	U	1000.	U
85-01-8	Phenanthrene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
120-12-7	Anthracene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
84-74-2	Di-n-butylphthalate	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
206-44-0	Fluoranthene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
86-74-8	Carbazole	400.	U	410.	U	400.	U	390.	U	410.	U	410.	UJ
129-00-0	Pyrene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
85-68-7	Butylbenzylphthalate	400.	U	410.	U	400.	U	390.	U	410.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	400.	U	410.	U	400.	UJ	390.	UJ	410.	UJ	410.	U
56-55-3	Benzo(a)anthracene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
218-01-9	Chrysene	40.	U	41.	U	40.	U	39.	U	41.	U	41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	410.	UJ	400.	UJ	350.	UJ	410.	UJ	410.	U
117-84-0	Di-n-octyl phthalate	400.	U	410.	U	400.	UJ	390.	UJ	410.	UJ	416.	U
205-99-2	Benzo(b)fluoranthene	40.	U	41.	U	40.	UJ	39.	UJ	41.	UJ	41.	U
207-08-9	Benzo(k)fluoranthene	40.	U	41.	U	40.	UJ	39.	UJ	41.	UJ	41.	U
50-32-8	Benzo(a)pyrene	40.	U	41.	U	40.	UJ	39.	UJ	41.	UJ	41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	40.	U	41.	U	40.	UJ	39.	UJ	41.	UJ	41.	U
53-70-3	Dibenz(a,h)anthracene	40.	U	41.	U	40.	UJ	39.	UJ	41.	UJ	41.	U
191-24-2	Benzo(g,h,i)perylene	40.	U	41.	U	40.	UJ	39.	UJ	41.	UJ	41.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA															
	SAMPLE ID ------->	042-M-Z711-01		042-M-Z712-01		042-M-Z713-01		042-M-2714-01		042-M-Z715-01		042-M-2716-01	
	ORIGINAL ID ----->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	LAB SAMPLE ID --->	950899-10		950899-11		950899-12		950899-03		950887-10		950887-11	
	ID FROM REPORT -->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	SAMPLE DATE ----->	11/01/95		11/02/95		11/02/95		11/01/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	11/09/95		11/09/95		11/09/95		11/09/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/22/95		11/20/95		11/20/95		11/24/95		11/19/95		11/22/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
108-95-2	Phenol	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
111-44-4	bis(2-Chloroethyl)ether	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
95-57-8	2-Chlorophenol	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
541-73-1	1,3-Dichlorobenzene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
106-46-7	1,4-Dichlorobenzene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
95-50-1	1,2-Dichlorobenzene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
95-48-7	2-Methylphenol (0-Cresol)	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
67-72-1	Hexachloroethane	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
98-95-3	Nitrobenzene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
78-59-1	Isophorone	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
88-75-5	2-Nitrophenol	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
105-67-9	2,4-Dimethylphenol	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
120-83-2	2,4-Dichlorophenol	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
91-20-3	Naphthalene	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
106-47-8	4-Chloroaniline	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
87-68-3	Hexachlorobutadiene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
91-57-6	2-Methylnaphthalene	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	950.	U	990.	U	1100.	U	960.	U	990.	U	1000.	U
91-58-7	2-Chloronaphthalene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
88-74-4	2-Nitroaniline	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
131-11-3	Dimethyl phthalate	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
208-96-8	Acenaphthylene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
606-20-2	2,6-Dinitrotoluene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
99-09-2	3-Nitroaniline	950.	U	990.	U	1100.	U	960.	U	990.	U	1000.	U
83-32-9	Acenaphthene	19.	U	20.	U	21.	U	19.	U	20.	U	21.	U
51-28-5	2,4-Dinitrophenol	950.	U	990.	U	1100.	U	960.	U	990.	U	1000.	U
100-02-7	4-Nitrophenol	950.	U	990.	U	1100.	U	960.	U	990.	U	1000.	U
132-64-9	Dibenzofuran	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z711-01		042-M-Z712-01		042-M-Z713-01		042-M-Z714-01		042-M-2715-01		042-M-2716-01	
	ORIGINAL ID ----->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	LAB SAMPLE ID --->	950899-10		950899-11		950899-12		950899-03		950887-10		950887-11	
	ID FROM REPORT -->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	SAMPLE DATE ----->	11/01/95		11/02/95		11/02/95		11/01/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	11/09/95		11/09/95		11/09/95		11/09/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/22/95		11/20/95		11/20/95		11/24/95		11/19/95		11/22/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
121-14-2	2,4-Dinitrotoluene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
84-66-2	Diethylphthalate	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
86-73-7	Fluorene	19.	U	20.	U	21.	U	19.	U	20.	U	21.	U
100-01-6	4-Nitroaniline	950.	U	990.	U	1100.	U	960.	U	990.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	950.	U	990.	U	1100.	U	960.	U	990.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
118-74-1	Hexachlorobenzene	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
87-86-5	Pentachlorophenol	950.	U	990.	U	1100.	U	960.	U	990.	U	1000.	U
85-01-8	Phenanthrene	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
120-12-7	Anthracene	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
84-74-2	Di-n-butylphthalate	390.	U	410.	U	440.	U	26.	J	410.	U	420.	U
206-44-0	Flwranthene	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
86-74-8	Carbazole	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
129-00-0	Pyrene	39.	U	41.	U	44.	U	40.	U	41.	U	42,	U
85-68-7	Butylbenzylphthalate	390.	U	410.	U	440.	U	400.	U	410.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	390.	U	410.	UJ	440.	UJ	400.	U	410.	U	420.	UJ
56-55-3	Benzo(a)anthracene	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
218-01-9	Chrysene	39.	U	41.	U	44.	U	40.	U	41.	U	42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	UJ	410.	UJ	440.	UJ	400.	UJ	410.	U	420.	U
117-84-0	Di-n-octyl phthalate	390.	U	410.	UJ	440.	UJ	400.	U	410.	UJ	420.	U
205-99-2	Benzo(b)fluoranthene	39.	U	41.	UJ	44.	UJ	40.	U	41.	U	42.	U
207-08-9	Benzo(k)fluoranthene	39.	U	41.	UJ	44.	UJ	40.	U	41.	U	42.	U
50-32-8	Benzo(a)pyrene	39.	U	41.	UJ	44.	UJ	40.	U	41.	U	42.	U
193-39-5	Indeno(1,2,3-cd)pyrene	39.	U	41.	UJ	44.	UJ	40.	U	41.	U	42.	U
53-70-3	Dibenz(a,h)anthracene	39.	U	41.	UJ	44.	UJ	40.	U	41.	U	42.	U
191-24-2	Benzo(g,h,i)perylene	39.	U	41.	UJ	44.	UJ	40.	U	41.	U	42.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA															
	SAMPLE ID ------->	042-H-2717-01		042-M-Z718-01		042-M-Z719-01		042-11-2720-01		042-M-Z721-01		042-H-2722-01	
	ORIGINAL ID ----->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	LAB SAMPLE ID --->	950887-12		950887-13		950887-14		950887-15		950887-16		950887-17	
	ID FROM REPORT -->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	SAMPLE DATE ----->	10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	11/07/95		12/05/95		11/07/95		11/07/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/18/95		12/08/95		11/21/95		11/21/95		11/19/95		11/17/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
108-95-2	Phenol	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
95-57-8	2-Chlorophenol	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
541-73-1	1,3-Dichlorobenzene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
106-46-7	1,4-Dichlorobenzene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
95-50-1	1,2-Dichlorobenzene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
95-48-7	2-Methylphenol (0-Cresol)	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
67-72-1	Hexachloroethane	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
98-95-3	Nitrobenzene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
78-59-1	Isophorone	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
88-75-5	2-Nitrophenol	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
105-67-9	2,4-Dimethylphenol	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	430.	U	390.	UR	426.	U	420.	U	420.	U	410.	U
120-83-2	2,4-Dichlorophenol	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
120-82-1	1,2,4-trichlorobenzene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
91-20-3	Naphthalene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
106-47-8	4-Chloroaniline	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
87-68-3	Hexachlorobutadiene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
91-57-6	2-Methylnaphthalene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
77-47-4	Hexachlorocyclopentadiene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	950.	UR	1000.	U	1000.	U	1000.	U	1000.	U
91-58-7	2-Chloronaphthalene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
88-74-4	2-Nitroaniline	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
131-11-3	Dimethyl phthalate	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
208-96-8	Acenaphthylene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
606-20-2	2,6-Dinitrotoluene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
99-09-2	3-Nitroaniline	1000.	U	950.	UR	1000.	U	1000.	U	1000.	U	1000.	U
83-32-9	Acenaphthene	21.	U	19.	UR	21.	U	21.	U	20.	U	20.	U
51-28-5	2,4-Dinitrophenol	1000.	U	950.	UR	1000.	U	1000.	U	1000.	U	1000.	U
100-02-7	4-Nitrophenol	1000.	U	950.	UR	1000.	U	1000.	U	1000.	U	1000.	U
132-64-9	Dibenzofuran	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2717-01		042-W-2718-01		042-M-2719-01		042-H-2720-01		042-H-2721-01		042-M-2722-01	
	ORIGINAL ID ----->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	LAB SAMPLE ID --->	950887-12		950887-13		950887-14		950887-15		950887-16		950887-17	
	ID FROM REPORT -->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	SAMPLE DATE ----->	10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	11/07/95		12/05/95		11/07/95		11/07/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/18/95		12/08/95		11/21/95		11/21/95		11/19/95		11/17/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	1127230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	127230	VAL	MZ7230	VAL
121-14-2	2,4-Dinitrotoluene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
84-66-2	Diethylphthalate	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
86-73-7	Fluorene	21.	U	19.	UR	21.	U	21.	U	20.	U	20.	U
100-01-6	4-Nitroaniline	1000.	U	950.	UR	1000.	UJ	1000.	UJ	1000.	UJ	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	950.	UR	1000.	U	1000.	U	1000.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
118-74-1	Hexachlorobenzene	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
87-86-5	Pentachlorophenol	1000.	U	950.	UR	1000.	U	1000.	U	1000.	U	1000.	U
85-01-8	Phenanthrene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
120-12-7	Anthracene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
84-74-2	Di-n-butylphthalate	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
206-44-0	Fluoranthene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
86-74-8	Carbazole	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
129-00-0	Pyrene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
85-68-7	Butylbenzylphthalate	430.	U	390.	UR	420.	U	420.	U	420.	U	410.	U
91-94-1	3,3'-Dichloroknridine	430.	U	390.	UR	420.	UJ	420.	UJ	420.	U	410.	U
56-55-3	Benzo(a)anthracene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
218-01-9	Chrysene	43.	U	39.	UR	42.	U	42.	U	42.	U	41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	430.	U	1400.	J	420.	U	420.	U	420.	U	410.	U
117-84-0	Di-n-octyl phthalate	430.	U	390.	UR	420.	U	420.	UJ	420.	U	410.	U
205-99-2	Benzo(b)fluoranthene	43.	U	39.	UR	42.	U	42.	UJ	42.	U	41.	U
207-08-9	Benzo(k)fluoranthene	43.	U	39.	UR	42.	U	42.	UJ	42.	U	41.	U
50-32-8	Benzo(a)pyrene	43.	U	39.	UR	42.	U	42.	UJ	42.	U	41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	43.	U	39.	UR	42.	U	42.	UJ	42.	U	41.	U
53-70-3	Dibenz(a,h)anthracene	43.	U	39.	UR	42.	U	42.	UJ	42.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	43.	U	39.	UR	42.	U	42.	UJ	42.	U	41.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z723-01		042-M-2724-01		042-M-Z725-01		042-M-Z726-01		042-M-Z727-01		042-M-2728-01	
	ORIGINAL ID ----->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	LAB SAMPLE ID --->	950887-01		950887-02		950887-03		950887-04		950887-05		950887-06	
	ID FROM REPORT -->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	SAMPLE DATE ----->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	DATE EXTRACTED -->	11/17/95		11/07/95		11/24/95		11/07/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/22/95		11/21/95		11/28/95		11/21/95		11/19/95		11/19/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
108-95-2	Phenol	390.	UJ	420.	U	410.	UJ	430.	UJ	380.	U	420.	U
111-44-4	bis(2-Chloroethyl)ether	39.	UJ	42.	U	41.	UJ	43.	U	38.	U	42.	U
95-57-8	2-Chlorophenol	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
541-73-1	1,3-Dichlorobenzene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
106-46-7	1,4-Dichlorobenzene	390.	UJ	420.		410.	UJ	430.	U	380.	U	420.	U
95-50-1	1,2-Dichlorobenzene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
95-48-7	2-Methylphenol (0-Cresol)	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	84.	J	420.	U	410.	UJ	430.	U	380.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	39.	UJ	42.	U	41.	UJ	43.	U	38.	U	42.	U
67-72-1	Hexachloroethane	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
98-95-3	Nitrobenzene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
78-59-1	Isophorone	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
88-75-5	2-Nitrophenol	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
105-67-9	2,4-Dimethylphenol	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
120-83-2	2,4-Dichlorophenol	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
91-20-3	Naphthalene	39.	UJ	42.	U	41.	UJ	43.	U	38.	U	42.	U
106-47-8	4-Chloroaniline	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
87-68-3	Hexachlorobutadiene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420,	U
91-57-6	2-Methylnaphthalene	39.	UJ	42.	U	41.	UJ	43.	U	38.	U	42.	U
77-47-4	Hexachlorocyclopentadicne	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
88-06-2	2,4,6-1richlorophenol	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
95-95-4	2,4,5-1richlorophenol	950.	UJ	1000.	U	1000.	UJ	1000.	U	920.	U	1000.	U
91-58-7	2-Chloronaphthalene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
88-74-4	2-Nitroaniline	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
131-11-3	Dimethyl phthalate	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
208-96-8	Acenaphthylene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
606-20-2	2,6-Dinitrotoluene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
99-09-2	3-Nitroaniline	950.	UR	1000.	U	1000.	UJ	1000.	U	920.	U	1000.	U
83-32-9	Acenaphthene	19.	UJ	20.	U	20.	UJ	21.	U	18.	U	20.	U
51-28-5	2,4-Dinitrophenol	950.	UJ	1000.	U	1000.	UJ	1000.	U	920.	U	1000.	U
100-02-7	4-Nitrophenol	950.	UJ	1000.	U	1000.	UJ	1000.	U	920.	U	1000.	U
132-64-9	Dibenzofuran	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2723-01		042-M-2724-01		042-M-2725-01		042-M-2726-01		042-M-2727-01		042-M-2728-01	
	ORIGINAL ID ----->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	LAB SAMPLE ID --->	950887-01		950887-02		950887-03		950887-04		950887-05		950887-06	
	ID FROM REPORT -->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	SAMPLE DATE ----->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	DATE EXTRACTED -->	11/17/95		11/07/95		11/24/95		11/07/95		11/07/95		11/07/95	
	DATE ANALYZED --->	11/22/95		11/21/95		11/28/95		11/21/95		11/19/95		11/19/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
121-14-2	2,4-Dinitrotoluene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
84-66-2	Diethylphthalate	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
86-73-7	Fluorene	19.	UJ	20.	U	20.	UJ	21.	U	18.	U	20.	U
100-01-6	4-Nitroaniline	950.	UJ	1000.	UJ	1000.	UJ	1000.	UJ	920.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	950.	UJ	1000.	U	1000.	UJ	1000.	U	920.	U	1000.	U
86-30-6	N-Nitrosodiphenylarnine	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
118-74-1	Hexachlorobenzene	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
87-86-5	Pentachlorophenol	950.	UJ	1000.	U	1000.	UJ	1000.	U	920.	U	1000.	U
85-01-8	Phenanthrene	39.	UJ	42.	U	95.	J	43.	U	38.	U	42.	U
120-12-7	Anthracene	39.	UJ	42.	U	51.	J	43.	U	38.	U	42.	U
84-74-2	Di-n-butylphthalate	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
206-44-0	Fluoranthene	39.	UJ	42.	U	210.	J	43.	U	36.	U	42.	U
86-74-8	Carbazole	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
129-00-0	Pyrene	39.	UJ	42.	U	190.	J	43.	U	38.	U	42.	U
85-68-7	Butylbenzylphthalate	390.	UJ	420.	U	410.	UJ	430.	U	380.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	390.	UR	420.	UJ	410.	UJ	430.	UJ	380.	U	420.	U
56-55-3	Benzo(a)anthracene	39.	UJ	42.	U	80.	J	43.	U	38.	U	42.	U
218-01-9	Chrysene	39.	UJ	42.	U	100.	J	43.	U	38.	U	42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	420.	U	410.	U	430.	U	380.	U	420.	U
117-84-0	Di-n-octyl phthalate	390.	UJ	420.	U	410.	UJ	430.	UJ	380.	UJ	420.	UJ
205-99-2	Benzo(b)fluoranthene	39.	UJ	42.	U	110.	J	43.	UJ	38.	U	42.	U
207-08-9	Benzo(k)fluoranthene	39.	UJ	42.	U	28.	J	43.	UJ	38.	U	42.	U
50-32-8	Benzo(a)pyrene	39.	UJ	42.	U	75.	J	43.	UJ	38.	U	42.	U
193-39-5	Indeno(1,2,3-cd)pyrene	39.	UJ	42.	U	36.	J	43.	UJ	38.	U	42.	U
53-70-3	Dibenz(a,h)anthracene	39.	UJ	42.	U	41.	UJ	43.	UJ	38.	U	42.	U
191-24-2	Benzo(g,h,i)perylene	39.	UJ	42.	U	37.	J	43.	UJ	38.	U	42.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z729-01		042-M-Z730-01		042-M-Z731-01		042-M-Z732-01		042-M-Z733-01		042-M-Z734-01	
	ORIGINAL ID ----->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	LAB SAMPLE ID --->	960093-14		950887-07		950887-08		950876-10		950876-11		950876-12	
	ID FROM REPORT -->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	SAMPLE DATE ----->	02/06/96		10/27/95		10/27/95		10/26/95		10/26/95		10/26/95	
	DATE EXTRACTED -->	02/12/96		11/07/95		11/17/95		11/06/95		11/16/95		11/16/95	
	DATE ANALYZED --->	02/19/96		11/18/95		11/26/95		11/15/95		11/21/95		11/21/95	
	MATRIX ---------->	sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	MZ7230	VAL	MZ7230	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
108-95-2	Phenol	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
111-44-4	bis(2-Chloroethyl)ether	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
95-57-8	2-Chlorophenol	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
541-73-1	1,3-Dichlorobenzene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
106-46-7	1,4-Dichlorobenzene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
95-50-1	1,2-Dichlorobenzene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U	430.	U	420.	UJ	400,	U	420.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
67-72-1	Hexachloroethane	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
98-95-3	Nitrobenzene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
78-59-1	Isophorone	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
88-75-5	2-Nitrophenol	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
105-67-9	2,4-Dimethylphenol	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
120-83-2	2,4-Dichlorophenol	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
91-20-3	Naphthalene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
106-47-8	4-Chloroaniline	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
87-68-3	Hexachlorobutadiene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
91-57-6	2-Methylnaphthalene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
77-47-4	Hexechlorocyclopentadiene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U	1000.	UJ	960.	U	1000.	U	1000.	U
91-58-7	2-Chloronaphthalene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
88-74-4	2-Nitromiline	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
131-11-3	Dimethyl phthalate	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
208-96-8	Acenaphthylene	41.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
606-20-2	2,6-Dinitrotoluene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
99-09-2	3-Nitroeniline	1000.	U	1000.	U	1000.	UJ	960.	U	1000.	U	1000.	U
83-32-9	Acenaphthene	20.	U	21.	U	21.	UJ	19.	U	21.	U	20.	U
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U	1000.	UJ	960.	U	1000.	U	1000.	U
100-02-7	4-Nitrophenol	1000.	U	1000.	U	1000.	UJ	960.	U	1000.	UJ	1000.	UJ
132-64-9	Dibenzofuran	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U

*** Validation Complete +**

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z729-01		042-M-Z730-01		042-M-Z731-01		042-M-Z732-01		042-M-Z733-01		042-M-Z734-01	
	ORIGINAL ID ----->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	LAB SAMPLE ID --->	960093-14		950887-07		950887-08		950876-10		950876-11		950876-12	
	ID FROM REPORT -->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	SAMPLE DATE ----->	02/06/96		10/27/95		10/27/95		10/26/95		10/26/95		10/26/95	
	DATE EXTRACTED -->	02/12/96		11/07/95		11/17/95		11/06/95		11/16/95		11/16/95	
	DATE ANALYZED --->	02/19/96		11/18/95		11/26/95		11/15/95		11/21/95		11/21/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	MZ7230	VAL	MZ7230	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
121-14-2	2,4-Dinitrotoluene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
84-66-2	Diethylphthalate	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
86-73-7	Fluorene	20.	U	21.	U	21.	UJ	19.	U	21.	U	20.	U
100-01-6	4-Nitroaniline	1000.	U	1000.	U	1000.	UJ	960.	U	1000.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1000.	U	1000.	UJ	960.	U	1000.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
118-74-1	Hexachlorobenzene	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
87-86-5	Pentachlorophenol	1000.	U	1000.	U	1000.	UJ	960.	U	1000.	U	1000.	U
85-01-8	Phenanthrene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
120-12-7	Anthracene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
84-74-2	Di-n-butylphthalate	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
206-44-0	Fluoranthene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
86-74-8	Carbazole	410.	U	430.	U	420.	UJ	400.	UJ	420.	U	420.	U
129-00-0	Pyrene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
85-68-7	Butylbenzylphthalate	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	410.	U	430.	U	420.	UJ	400.	U	420.	U	420.	U
56-55-3	Benzo(a)anthracene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
218-01-9	Chrysene	41.	U	43.	U	42.	UJ	40.	U	42.	U	42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	430.	U	420.	U	400.	U	420.	U	420.	U
117-84-0	Di-n-octyl phthalate	410.	U	430.	UJ	420.	UJ	400.	U	420.	U	426.	U
205-99-2	Benzo(b)fluoranthene	41.	U	43.	UJ	42.	UJ	40.	U	42.	U	42.	U
207-08-9	Benzo(k)fluoranthene	41.	U	43.	UJ	42.	UJ	40.	U	42.	U	42.	U
50-32-8	Benzo(a)pyrene	41.	U	43.	UJ	42.	UJ	400.	U	420.	U	420.	U
193-39-5	Indeno(1,2,3-cd)pyrene	41.	U	43.	UJ	42.	UJ	40.	U	42.	U	42.	U
53-70-3	Dibenz(a,h)anthracene	41.	U	43.	UJ	42.	UJ	400.	U	420.	U	420.	U
191-24-2	Benzo(g,h,i)perylene	41.	U	43.	UJ	42.	UJ	40.	U	42.	U	42.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA															
	SAMPLE ID ------->	042-M-2735-01				042-M-2737-01		042-M-2738-01		042-M-2739-01		042-M-2740-01	
	ORIGINAL ID ----->	040MZ73501				040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	LAB SAMPLE ID --->	950876-13				950876-15		960093-15		950876-16		950876-17	
	ID FROM REPORT -->	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	SAMPLE DATE ----->	10/26/95		10/26/95		10/26/95		02/06/96		10/26/95		10/26/95	
	DATE EXTRACTED -->	11/16/95		11/06/95		11/16/95		02112/96		11/06/95		11/06/95	
	DATE ANALYZED --->	11/22/95		11/15/95		11/22/95		02/19/96		11/21/95		11/ 16/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	128030	VAL	MZ8030	VAL
108-95-2	Phenol	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
111-44-4	bis(2-Chloroethyl)ether	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
95-57-8	2-Chlorophenol	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
541-73-1	1,3-Dichlorobenzene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
106-46-7	1,4-Dichlorobenzene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
95-50-1	1,2-Dichlorobenzene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	UJ	430.	U	420.	UJ	400.	U	430.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
67-72-1	Hexachloroethane	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
98-95-3	Nitrobenzene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
78-59-1	Isophorone	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
88-75-5	2-Nitrophenol	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
105-67-9	2,4-Dimethylphenol	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
120-83-2	2,4-Dichlorophenol	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
120-82-1	1,2,4-Trichlorobenzme	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
91-20-3	Naphthalene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
106-47-8	4-Chloroaniline	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
87-68-3	Hexachlorobutadiene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
59-50-7	4-Chloro-3-methyl phenol	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
91-57-6	2-Methylnaphthalene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	990.	U	1000.	U	1000.	U	980.	U	1000.	U	1000.	U
91-58-7	2-Chloronaphthalene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
88-74-4	2-Nitroaniline	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
131-11-3	Dimethyl phthalate	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
208-96-8	Acenaphthylene	410.	U	430.	U	420.	U	40.	U	430.	U	420.	U
606-20-2	2,6-Dinitrotoluene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
99-09-2	3-Witroaniline	990.	U	1000.	U	1000.	U	980.	U	1000.	U	1000.	U
83-32-9	Acenaphthene	20.	U	21.	U	20.	U	20.	U	21.	U	20.	U
51-28-5	2,4-Dinitrophenol	990.	U	1000.	U	1000.	U	980.	U	1000.	U	1000.	U
100-02-7	4-Nitrophenol	990.	U	1000.	U	1000.	U	980.	U	1000.	U	1000.	U
132-64-9	Dibenzofuran	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z735-01		042-M-Z736-01		042-M-Z737-01		042-M-Z738-01		042-M-Z739-01		042-M-2740-01	
	ORIGINAL ID ----->	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	LAB SAMPLE ID --->	950876-13		950876-14		950876-15		960093-15		950876-16		950876-17	
	ID FROM REPORT -->	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	SAMPLE DATE ----->	10/26/95		10/26/95		10/26/95		02/06/96		10/26/95		10/26/95	
	DATE EXTRACTED -->	11/16/95		11/06/95		11/16/95		02/12/96		11/06/95		11/06/95	
	DATE ANALYZED --->	11/22/95		11/15/95		11/22/95		02/19/96		11/21/95		11/16/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	MZ8030	VAL	MZ8030	VAL
121-14-2	2,4-Dinitrotoluene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
84-66-2	Diethylphthalate	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
86-73-7	Fluorene	20.	U	21.	U	20.	U	20.	U	21.	U	20.	U
100-01-6	4-Nitroaniline	990.	U	1000,	U	1000.	U	980.	U	1000.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	990.	U	1000.	U	1000.	U	980.	U	1000.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	410.	UJ	430.	U	420.	UJ	400.	U	430.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
118-74-1	Hexachlorobenzene	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
87-86-5	Pentachlorophenol	990.	U	1000.	U	1000.	U	980.	U	1000.	U	1000.	U
85-01-8	Phenanthrene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
120-12-7	Anthracene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
84-74-2	Di-n-butylphthalate	410.	U	430.	U	420.	U	400.	U	52.	J	420.	U
206-44-0	Fluoranthene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
86-74-8	Carbazole	410.	U	430.	UJ	420.	U	400.	U	430.	UJ	420.	UJ
129-00-0	Pyrene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
85-68-7	Butylbenzylphthalate	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	410.	UR	430.	U	420.	UR	400.	U	430.	U	420.	U
56-55-3	Benzo(a)anthracene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
218-01-9	chrysene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	430.	U	420.	U	400.	U	430.	U	420.	U
117-84-0	Di-n-octyl phthalate	410.	U	430.	U	420.	U	400.	U	430.	UJ	420.	U
205-99-2	Benzo(b)fluoranthene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
207-08-9	Benzo(k)fluoranthene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
50-32-8	Benzo(a)pyrene	410.	U	430.	U	420.	U	40.	U	430.	U	420.	U
193-39-5	Indeno(1,2,3-cd)pyrene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U
53-70-3	Dibenz(a,h)anthracene	410.	U	430.	U	420.	U	40.	U	430.	U	420.	U
191-24-2	Benzo(g,h,i)perylene	41.	U	43.	U	42.	U	40.	U	43.	U	42.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-H-2801-01		042-M-2802-01		042-M-2803-01		042-M-2804-01		042-M-Z805-01		042-M-2806-01	
	ORIGINAL ID ----->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	LAB SAMPLE ID --->	950930-05		950876-18		950876-01		950876-02		950876-03		950876-04	
	ID FROM REPORT -->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	SAMPLE DATE ----->	11/13/95		10/26/95		10/25/95		10/25/95		10/25/95		10/25/95	
	DATE EXTRACTED -->	11/19/95		11/16/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE ANALYZED --->	12/07/95		12/01/95		11/16/95		11/15/95		11/16/95		11/15/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
108-95-2	Phenol	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
111-44-4	bis(2-Chloroethyl)ether	50.	U	39.	U	46.	U	42.	U	140.	U	42.	U
95-57-8	2-Chlorophenol	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
541-73-1	1,3-Dichlorobenzene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
106-46-7	1,4-Dichlorobenzene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
95-50-1	1,2-Dichlorobenzene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
95-48-7	2-Methylphenol (0-Cresol)	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	500.	UR	390.	UR	460.	U	420.	U	1400.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	50.	U	39.	U	46.	U	42.	U	140.	U	42.	U
67-72-1	Hexachloroethane	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
98-95-3	Nitrobenzene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
78-59-1	lsophorone	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
88-75-5	2-Nitrophenol	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
105-67-9	2,4-Dimethylphenol	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
120-83-2	2,4-Dichlorophenol	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
91-20-3	Naphthalene	50.	U	39.	U	46.	U	42.	U	140.	U	42.	U
106-47-8	4-Chloroaniline	500.	UJ	390.	U	460.	UJ	420.	U	1400.	U	420.	U
87-68-3	Hexachlorobutadiene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
91-57-6	2-Methylnaphthalene	50.	U	39.	U	46.	U	42.	U	140.	U	42.	U
77-47-4	Hexachlorocyclopentadiene	500.	U	390.	UJ	460.	U	420.	U	1400.	U	420.	U
88-06-2	2,4,6-Trichlorophenol	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	1200.	U	950.	U	1100.	U	1000.	U	3300.	U	1000.	U
91-58-7	2-Chloronaphthalene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
88-74-4	2-Nitroenitine	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
131-11-3	Dimethyl phthalate	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
208-96-8	Acenaphthylene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
606-20-2	2,6-Dinitrotoluene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
99-09-2	3-Nitroaniline	1200.	U	950.	UJ	1100.	U	1000.	U	3300.	U	1000.	U
83-32-9	Acenaphthene	24.	U	19.	U	22.	U	21.	U	66.	U	20.	U
51-28-5	2,4-Dinitrophenol	1200.	U	950.	U	1100.	U	1000.	U	3300.	U	1000.	U
100-02-7	4-Nitrophenol	1200.	U	950.	U	1100.	U	1000.	U	3300.	U	1000.	U
132-64-9	Dibenrofuran	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z801-01		042-M-Z802-01		042-M-Z803-01		042-M-Z804-01		042-M-Z805-01		042-M-Z806-01	
	ORIGINAL ID ----->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	LAB SAMPLE ID --->	950930-05		950876-18		950876-01		950876-02		950876-03		950876-04	
	ID FROM REPORT -->	040MZ80101		040MZ80201		040MZ80301		04011280401		040MZ80501		040MZ80601	
	SAMPLE DATE ----->	11/13/95		10/26/95		10/25/95		10/25/95		10/25/95		10/25/95	
	DATE EXTRACTED -->	11/19/95		11/16/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE ANALYZED --->	12/07/95		12/01/95		11/16/95		11/15/95		11/16/95		11/15/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
121-14-2	2,4-Dinitrotoluene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
84-66-2	Diethylphthalate	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
86-73-7	Fluorene	24.	U	19.	U	22.	U	21.	U	66.	U	20.	U
100-01-6	4-Nitroaniline	1200.	U	950.	U	1100.	U	1000.	U	3300.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1200.	U	950.	U	1100.	U	1000.	U	3300.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
118-74-1	Hexachlorobenzene	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
87-86-5	Pentachlorophenol	1200.	U	950.	U	1100.	U	1000.	U	3300.	U	1000.	U
85-01-8	Phenanthrene	50.	U	39.	U	46.	U	42.	U	140.	U	42.	U
120-12-7	Anthracene	50.	U	39.	U	46.	U	42.	U	140.	U	42.	U
84-74-2	Di-n-butylphthalate	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
206-44-0	Fluoranthene	50.	U	39.	U	46.	U	42.	U	210.		42.	U
86-74-8	Carbazole	500.	U	390.	UJ	460.	U	420.	UJ	1400.	UJ	420.	UJ
129-00-0	Pyrene	50.	U	39.	U	46.	U	42.	U	230.		42.	U
85-68-7	Butylbenzylphthalate	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	500.	U	390.	U	460.	UJ	420.	U	1400.	U	420.	U
56-55-3	Benzo(a)anthracene	50.	U	39.	U	46.	U	42.	U	120.	J	42.	U
218-01-9	Chrysene	50.	U	39.	U	46.	U	42.	U	240.		42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	500.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
117-84-0	Di-n-octyl phthalate	500.	U	390.	U	460.	UJ	420.	U	1400.	U	420.	U
205-99-2	Benzo(b)fluoranthene	50.	U	39.	U	46.	U	42.	U	260.		42.	U
207-08-9	Benzo(k)fluoranthene	50.	U	39.	U	46.	U	42.	U	140.		42.	U
50-32-8	Benzo(a)pyrene	50.	U	390.	U	460.	U	420.	U	140.	J	420.	U
193-39-5	Indeno(1,2,3-cd)pyrene	50.	U	39.	U	46.	U	42.	U	73.	J	42.	U
53-70-3	Dibenz(a,h)anthracene	50.	U	390.	U	460.	U	420.	U	1400.	U	420.	U
191-24-2	Benzo(g,h,i)perylene	50.	U	39.	U	46.	U	42.	U	73.	J	42.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA															
	SAMPLE ID -------:	042-H-2807-01		042-M-Z808-01		042-M-2809-01		042-M-Z810-01		042-M-Z811-01		042-H-2812-01	
	ORIGINAL ID -----:	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	LAB SAMPLE ID ---:	950876-05		950876-06		950876-07		950876-08		960093-16		950865-19	
	ID FROM REPORT --:	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	SAMPLE DATE -----:	10/25/95		10/25/95		10/25/95		10/25/95		02/06/96		10/24/95	
	DATE EXTRACTED --:	11/06/95		11/06/95		11/06/95		11/06/95		02/12/96		11/05/95	
	DATE ANALYZED ---:	11/16/95		11/16/95		11/16/95		11/15/95		02/19/96		11/13/95	
	MATRIX ----------:	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	EM0010	VAL
108-95-2	Phenol	870.	U	480.	U	410.	U	430.	U	32.	J	440.	U
111-44-4	bis(2-Chloroethyl)ether	87.	U	48.	U	41.	U	43.	U	50.	U	44.	U
95-57-8	2-Chlorophenol	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
541-73-1	1,3-Dichlorobenzene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
106-46-7	1,4-Dichlorobenzene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
95-50-1	1,2-Dichlorobenzene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
95-48-7	2-Methylphenol (o-Cresol)	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
108-60-1	22 '-oxybis(1-Chloropropane)	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
106-44-5	4-Methylphenol (p-Cresol)	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
621-64-7	N-Nitroso-di-n-propylamine	87.	U	48.	U	41.	U	43.	U	50.	U	44.	U
67-72-1	Hexachloroethane	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
98-95-3	Nitrobenzene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
78-59-1	Isophorone	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
88-75-5	2-Nitrophenol	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
105-67-9	2,4-Dimethylphenol	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
111-91-1	bis(2-Chloroethoxy)methane	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
120-83-2	2,4-Dichlorophenol	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
120-82-1	1,2,4-Trichlorobenzene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
91-20-3	Waphthalene	87.	U	48.	U	41.	U	43.	U	50.	U	44.	U
106-47-8	4-Chloroaniline	870.	U	480.	U	410.	UJ	430.	U	500.	U	440.	U
87-68-3	Hexachlorobutadiene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
59-50-7	4-Chloro-3-methylphenol	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
91-57-6	2-Methylnaphthalene	87.	U	48.	U	41.	U	43.	U	50.	U	44.	U
77-47-4	Hexbchlorocyclopentadiene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
88-06-2	2,4,6-Trichlorophenol	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
95-95-4	2,4,5-Trichlorophenol	2100.	U	1200.	U	990.	U	1000.	U	1200.	U	1100.	U
91-58-7	2-Chloronaphthalene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
88-74-4	2-Nitroaniline	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
131-11-3	Dimethyl phthalate	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
208-96-8	Acenaphthylene	92.	J	480.	U	410.	U	430.	U	50.	U	440.	U
606-20-2	2,6-Dinitrotoluene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
99-09-2	3-Nitroaniline	2100.	U	1200.	U	990.	U	1000.	U	1200.	U	1100.	U
83-32-9	Acenaphthene	42.	U	23.	U	20.	U	21.	U	24.	U	21.	U
51-28-5	2,4-Dinitrophenol	2100.	U	1200.	U	990.	U	1000.	U	1200.	U	1100.	U
100-02-7	4-Nitrophenol	2100.	U	1200.	U	990.	U	1000.	U	1200.	U	1100.	U
132-64-9	Dibenzofuran	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U

+++ Validation Complete +*+

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-Z807-01		042-M-Z808-01		042-M-2809-01		042-M-Z810-01		042-M-Z811-01		042-M-2812-01	
	ORIGINAL ID ----->	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	LAB SAMPLE ID --->	950876-05		950876-06		950876-07		950876-08		960093-16		950865-19	
	ID FROM REPORT -->	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	SAMPLE DATE ----->	10/25/95		10/25/95		10/25/95		10/25/95		02/06/96		10/24/95	
	DATE EXTRACTED -->	11/06/95		11/06/95		11/06/95		11/06/95		02/12/96		11/05/95	
	DATE ANALYZED --->	11/16/95		11/16/95		11/16/95		11/15/95		02/19/96		11/13/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	EM0010	VAL
121-14-2	2,4-Dinitrotoluene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
84-66-2	Diethylphthalate	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
7005-72-3	4-Chlorophenylphenylether	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
86-73-7	Fluorene	63.	J	23.	U	20.	U	21.	U	24.	U	21.	U
100-01-6	4-Mitroaniline	2100.	U	1200.	U	990.	U	1000.	U	1200.	U	1100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2100.	U	1200.	U	990.	U	1000.	U	1200.	U	1100.	U
86-30-6	N-Nitrosodiphenylamine	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
101-55-3	4-Bromophenyl-phenylether	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
118-74-1	Hexachlorobenzene	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
87-86-5	Pentachlorophenol	2100.	U	1200.	U	990.	U	1000.	U	1200.	U	1100.	U
85-01-8	Phenanthrene	260.		48.	U	41.	U	43.	U	50.	U	44.	U
120-12-7	Anthracene	650.		48.	U	41.	U	43.	U	50.	U	44.	U
84-74-2	Di-n-butylphthalate	650.	U	480.	U	410.	U	430.	U	500.	U	440.	U
206-44-0	Fluoranthene	2600.		48.	U	41.	U	43.	U	50.	U	44.	U
86-74-8	Carbazole	100.	J	480.	UJ	410.	U	430.	UJ	500.	U	440.	U
129-00-0	Pyrene	2300.		48.	U	41.	U	43.	U	50.	U	44.	U
85-68-7	Butylbenzylphthalate	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
91-94-1	3,3'-Dichlorobenzidine	870.	U	480.	U	410.	UJ	430.	U	500.	U	440.	U
56-55-3	Benzo(a)anthracene	1800.		48.	U	41.	U	43.	U	50.	U	44.	U
218-01-9	Chrysene	2500.		48.	U	41.	U	43.	U	50.	U	44.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	870.	U	480.	U	410.	U	430.	U	500.	U	440.	U
117-84-0	Di-n-octyl phthalate	870.	U	480.	U	410.	UJ	430.	U	500.	U	440.	UJ
205-99-2	Benzo(b)fluoranthene	1700.		48.	U	41.	U	43.	U	50.	U	44.	U
207-08-9	Benzo(k)fluoranthene	870.		48.	U	41.	U	43.	U	50.	U	44.	U
50-32-8	Benzo(a)pyrene	1100.		480.	U	410.	U	430.	U	50.	U	44.	U
193-39-5	Indeno(1,2,3-cd)pyrene	480.		48.	U	41.	U	43.	U	50.	U	44.	U
53-70-3	Dibenz(a,h)anthracene	870.	U	480.	U	410.	U	430.	U	50.	U	44.	U
191-24-2	Benzo(g,h,i)perylene	470.		48.	U	41.	U	43.	U	50.	U	44.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA															
	SAMPLE ID ------->	042-M-2813-01		042-M-2814-01		042-M-2815-01		042-M-2816-01		042-M-2817-01		042-M-2818-01	
	ORIGINAL ID ----->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	LAB SAMPLE ID --->	950865-18		950865-17		950865-16		950865-15		950865-14		950865-13	
	ID FROM REPORT -->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		16/24/95		10/24/95		10/24/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		11/05/95		11/16/95		11/05/95	
	DATE ANALYZED --->	11/13/95		11/13/95		11/13/95		11/14/95		11/21/95		11/13/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
108-95-2	Phenol	430.	U	52.	J	71.	J	430.	U	430.	U	440.	U
111-44-4	bis(2-Chloroethyl)ether	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
95-57-8	2-Chlorophenol	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
541-73-1	1,3-Dichlorobenzene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
106-46-7	1,4-Dichlorobenzene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
95-50-1	1,2-Dichlorobenzene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
95-48-7	2-Methylphenol (o-Cresol)	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
106-44-5	4-Methylphenol (p-Cresol)	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
621-64-7	N-Nitroso-di-n-propylamine	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
67-72-1	Hexachloroethane	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
98-95-3	Nitrobenzene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
78-59-1	Isophorone	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
88-75-5	2-Nitrophenol	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
105-67-9	2,4-Dimethylphenol	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
111-91-1	bis(2-Chloroethoxy)methane	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
120-83-2	2,4-Dichlorophenol	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
120-82-1	1,2,4-Trichlorobenzene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
91-20-3	Naphthalene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
106-47-8	4-Chloroaniline	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
87-68-3	Hexachlorobutadiene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
59-50-7	4-Chloro-3-methylphenol	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
91-57-6	2-Methylnaphthalene	43,	U	42.	U	49.	U	43.	U	43.	U	44.	U
77-47-4	Hexachlorocyclopentadiene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
88-06-2	2,4,6-Trichlorophenol	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U	1200.	U	1000.	U	1000.	U	1100.	U
91-58-7	2-Chloronaphthalene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
88-74-4	2-Nitroaniline	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
131-11-3	Dimethyl phthalate	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
208-96-8	Acenaphthylene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
606-20-2	2,6-Dinitrotoluene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
99-09-2	3-Nitroaniline	1000.	U	1000.	U	1200.	U	1000.	U	1000.	U	1100.	U
83-32-9	Acenaphthene	21.	U	21.	U	24.	U	21.	U	21.	U	22.	U
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U	1200.	U	1000.	U	1000.	U	1100.	U
100-02-7	4-Nitrophenol	1000.	U	1000.	U	1200.	U	1000.	U	1000.	U	1100.	U
132-44-9	Dibenzofuran	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U

+** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-H-2813-01		042-M-2814-01		342-M-2815-01		042-M-2816-01		042-M-2817-01		042-M-2818-01	
	ORIGINAL ID ----->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	LAB SAMPLE ID --->	950865-18		950865-17		950865-16		950865-15		950865-14		950865-13	
	ID FROM REPORT -->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		11/05/95		11/16/95		11/05/95	
	DATE ANALYZED --->	11/13/95		11/13/95		11/13/95		11/14/95		11/21/95		11/13/95	
	MATRIX ---------->	Sediment		sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
121-14-2	2,4-Dinitrotoluene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
84-66-2	Diethylphthalate	430.	U	420.	U	490.	U	170.	J	430.	U	440.	U
7005-72-3	4-Chlorophenylphenylether	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
86-73-7	Fluorene	21.	U	21.	U	24.	U	21.	U	21.	U	22.	U
100-01-6	4-Nitroaniline	1000.	U	1000.	U	1200.	U	1000.	U	1000.	U	1100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1000.	U	1200.	U	1000.	U	1000.	U	1100.	U
86-30-6	N-Nitrosodiphenylamine	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
101-55-3	4-Bromophenyl-phenylether	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
118-74-1	Hexachlorobenzene	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
87-86-5	Pentachlorophenol	1000.	U	1000.	U	1200.	U	1000.	U	1000.	U	1100.	U
85-01-8	Phenanthrene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
120-12-7	Anthracene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
84-74-2	Di-n-butylphthalate	430.	U	420.	U	490.	U	430.	U	82.	J	440.	U
206-44-0	Fluoranthene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
86-74-8	Carbazole	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
129-00-0	Pyrene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
85-68-7	Butylbenzylphthalate	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
91-94-1	3,3'-Dichlorobenzidine	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
56-55-3	Benzo(a)anthracene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
218-01-9	Chrysene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	430.	U	420.	U	490.	U	430.	U	430.	U	440.	U
117-84-0	Di-n-octyl phthalate	430.	UJ	420.	UJ	490.	UJ	430.	U	430.	UJ	440.	U
205-99-2	Benzo(b)fluoranthene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
207-08-9	Benzo(k)fluoranthene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
50-32-8	Benzo(a)pyrene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
193-39-5	Indeno(1,2,3-cd)pyrene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
53-70-3	Dibenz(a,h)anthracene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U
191-24-2	Benzo(g,h,i)perylene	43.	U	42.	U	49.	U	43.	U	43.	U	44.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2819-01		042-M-Z820-01		042-M-2821-01		D42-M-2822-01		042-M-2823-01		042-M-2824-01	
	ORIGINAL ID ----->	040MZ81901		040MZ82001		D40MZ82101		D40MZ82201		D40MZ82301		040MZ82401	
	LAB SAMPLE ID --->	950865-12		950865-11		950865-10		950865-09		950865-03		950865-04	
	ID FROM REPORT -->	040MZ81901		040MZ82001		D40MZ82101		D40MZ82201		D40MZ82301		040MZ82401	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		16/24/95		10/23/95		10/23/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		11/05/95		11/05/95		11/05/95	
	DATE ANALYZED --->	11/13/95		11/13/95		11/13/95		11/13/95		11/14/95		11/13/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
108-95-2	Phenol	400.	U	490.	U	490.	U	430.	U	1100.	U	31.	J
111-44-4	bis(2-Chloroethyl)ether	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
95-57-8	2-Chlorophenol	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
541-73-1	1,3-Dichlorobenzene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
106-46-7	1,4-Dichlorobenzene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
95-50-1	1,2-Dichlorobenzene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U	490.	U	490.	U	430.	U	1100,	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
67-72-1	Hexachloroethane	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
98-95-3	Nitrobenzene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
78-59-1	lsophorone	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
88-75-5	2-Nitrophenol	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
105-67-9	2,4-Dimethylphenol	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
120-83-2	2,4-Dichlorophenol	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
91-20-3	Naphthalene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
106-47-8	4-Chloroaniline	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
87-68-3	Hexachlorobutadiene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
91-57-6	2-Methylnaphthalene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
77-47-4	Hexachlorocyclopehtadiene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	970.	U	1200.	U	1200.	U	1100.	U	2600.	U	990.	U
91-58-7	2-Chloronaphthalene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
88-74-4	2-Nitroaniline	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
131-11-3	Dimethyl phthalate	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
208-96-8	Acenaphthylene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
606-20-2	2,6-Dinitrotoluene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
99-09-2	3-Nitroaniline	970.	U	1200.	U	1200.	U	1100.	U	2600.	U	990.	U
83-32-9	Acenaphthene	19.	U	24.	U	24.	U	21.	U	51.	U	20.	U
51-28-5	2,4-Dinitrophenol	970.	U	1200.	U	1200.	U	1100.	U	2600.	U	990.	U
100-02-7	4-Nitrophenol	970.	U	1200.	U	1200.	U	1100.	U	2600.	U	990.	U
132-64-9	Dibenzofuran	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U

*** Validation Complete **+

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-M-2819-01		042-M-2820-01		042-M-2821-01		042-M-2822-01		042-M-2823-01		042-M-2824-01	
	ORIGINAL ID ----->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	LAB SAMPLE ID --->	950865-12		950865-11		950865-10		950865-09		950865-03		950865-04	
	ID FROM REPORT -->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/23/95		10/23/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		11/05/95		11/05/95		11/05/95	
	DATE ANALYZED --->	11/13/95		11/13/95		11/13/95		11/13/95		11/14/95		11/13/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
121-14-2	2,4-Dinitrotoluene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
84-66-2	Diethylphthalate	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
86-73-7	Fluorene	19.	U	24.	U	24.	U	21.	U	51.	U	20.	U
100-01-6	4-Nitroaniline	970.	U	1200.	U	1200.	U	1100.	U	2600.	U	990.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	970.	U	1200.	U	1200.	U	1100.	U	2600.	U	990.	U
86-30-6	N-Nitrosodiphenylamine	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
101-55-3	4-Bromophenyl-phehylether	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
118-74-1	Hexachlorobenzene	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
87-86-5	Pentachlorophenol	970.	U	1200.	U	1200.	U	1100.	U	2600.	U	990.	U
85-01-8	Phenanthrene	40.	U	49.	U	49.	U	43.	U	110.	U	23.	J
120-12-7	Anthracene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
84-74-2	Di-n-butylphthalate	400.	U	490.	U	490.	U	430.	U	100.	U	33.	J
206-44-0	Fluoranthene	40.	U	49.	U	49.	U	43.	U	110.	U	25.	J
86-74-8	Carbazole	400.	U	490.	U	490.	U	430.	U	100.	U	410.	U
129-00-0	Pyrene	40.	U	49.	U	49.	U	43.	U	110.	U	45.	J
85-68-7	Butylbenzylphthalate	400.	U	490.	U	490.	U	430.	U	100.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	400.	U	490.	U	490.	U	430.	U	100.	U	410.	U
56-55-3	Benzo(a)anthracene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
218-01-9	Chrysene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	490.	U	490.	U	430.	U	1100.	U	410.	U
117-84-0	Di-n-octyl phthalate	400.	UJ	490.	UJ	490.	UJ	430.	UJ	1100.	U	410.	U
205-99-2	Benzo(b)fluoranthene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
207-08-9	Benzo(k)fluoranthene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
50-32-8	Benzo(a)pyrene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
53-70-3	Dibenz(a,h)anthracene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	40.	U	49.	U	49.	U	43.	U	110.	U	41.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA													
	SAMPLE ID ------->	042-W-2825-01		042-M-2826-01		042-M-2827-01		042-W-2901-01		042-W-2902-01		042-M-2903-01	
	ORIGINAL ID ----->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	LAB SAMPLE ID --->	950865-05		950865-06		950865-07		960107-01		950930-06		950930-07	
	ID FROM REPORT -->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	SAMPLE DATE ----->	10/23/95		10/23/95		10/23/95		02/09/96		11/13/95		11/13/95	
	DATE EXTRACTED -->	11/05/95		11/05/95		11/05/95		02/20/96		11/19/95		12/04/95	
	DATE ANALYZED --->	11/14/95		11/13/95		11/13/95		02/23/96		12/07/95		12/07/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #]	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	MZ9010	VAL	241901	VAL	241901	VAL
108-95-2	Phenol	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
111-44-4	bis(2-Chloroethyl)ether	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
95-57-8	2-Chlorophenol	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
541-73-1	1,3-Dichlorobenzene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
106-46-7	1,4-Dichlorobenzene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
95-50-1	1,2-Dichlorobenzene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
95-48-7	2-Methylphenol (0-Cresol)	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U	1700.	U	1400.	U	550.	U	530.	UR	540.	UR
106-44-5	4-Methylphenol (p-Cresol)	410.	U	1700.	U	1400.	U	120.	J	530.	U	540.	U
621-64-7	N-Nitroso-di-n-propylamine	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
67-72-1	Hexachloroethane	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
98-95-3	Nitrobenzene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
78-59-1	Isophorone	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
88-75-5	2-Nitrophenol	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
105-67-9	2,4-Dimethylphenol	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
120-83-2	2,4-Dichlorophenol	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
91-20-3	Naphthalene	41.	U	170.	U	140.	U	41.	J	53.	U	54.	U
106-47-8	4-Chloroaniline	410.	U	1700.	U	1400.	U	550.	U	530.	UJ	540.	UJ
87-68-3	Hexachlorobutadiene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
91-57-6	2-Methylnaphthalene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
77-47-4	Hexachlorocyclopentediene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
95-95-4	2,4,5-Trichlorophenol	980.	U	4200.	U	3300.	U	1300.	U	1300.	U	1300.	U
91-58-7	2-Chloronaphthalene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
88-74-4	2-Nitroaniline	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
131-11-3	Dimethyl phthalate	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
208-96-8	Acensphthylene	410.	U	1700.	U	1400.	U	55.	U	530.	U	540.	U
606-20-2	2,6-Dinitrotoluene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
99-09-2	3-Nitroaniline	980.	U	4200.	U	3300.	U	1300.	U	1300.	U	1300.	U
83-32-9	Acenaphthene	20.	U	84.	U	66.	U	27.	U	26.	U	26.	U
51-28-5	2,4-Dinitrophenol	980.	U	4200.	U	3300.	U	1300.	UJ	1300.	U	1300.	U
100-02-7	4-Nitrophenol	980.	U	4200.	U	3300.	U	1300.	U	1300.	U	1300.	U
132-64-9	Dibenroforan	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PKNSACOLA, SITE 42, PHASE II
primary samples

		042-M-2825-01 040MZ82501 950865-05 040MZ82501 10/23/95 11/05/95 11/14/95 sediment		042-M-2826-01 040MZ82601 950865-06 040MZ82601 10/23/95 11/05/95 11/13/95 Sediment		042-M-Z827-01 040MZ82701 950865-07 040MZ82701 10/23/95 11/05/95 11/13/95 Sediment		042-H-2901-01 040MZ90101 960107-01 040MZ90101 02/09/96 02/20/96 02/23/96 Sediment		042-M-2902-01 040MZ90201 950930-06 040MZ90201 11/13/95 11/19/95 12/07/95 Sediment		042-M-2903-01 040MZ90301 950930-07 040MZ90301 11/13/95 12/04/95 12/07/95 Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	MZ9010	VAL	241901	VAL	Z41901	VAL
121-14-2	2,4-Dinitrotoluene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
84-66-2	Diethylphthalate	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
86-73-7	Fluorene	20.	U	84.	U	66.	U	27.	U	26.	U	26.	U
100-01-6	4-Nitroaniline	980.	U	4200.	U	3300.	U	1300.	UJ	1300.	U	1300.	U
534-52-1	2-Methyl-4.6-Di nitrophenol	980.	U	4200.	U	3300.	U	1300.	U	1300.	U	1300.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
118-74-1	Hexachlorobenzene	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
87-86-5	Pentachlorophenol	980.	U	4200.	U	3300.	U	1300.	U	1300.	U	1300.	U
85-01-8	Phenanthrene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
120-12-7	Anthracene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
84-74-2	Di-n-butylphthalate	410.	U	1700.	U	1400.	U	28.	J	530.	U	540.	U
206-44-0	Fluoranthene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
86-74-8	Carbazole	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
129-00-0	Pyrene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
85-68-7	Butylbenzylphthalate	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
91-94-1	3,3'-Dichlorobenzidine	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
56-55-3	Benzo(a)anthracene	41.	U	170.	U	140.	U	5s.	U	53.	U	54.	U
218-01-9	Chrysene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	1700.	U	1400.	U	82.	J	530.	U	540.	U
117-84-0	Di-n-octyl phthalate	410.	U	1700.	U	1400.	U	550.	U	530.	U	540.	U
205-99-2	Benzo(b)fluoranthene	41.	U	170.	U	70.	J	40.	J	35.	J	54.	U
207-08-9	Benzo(k)fluoranthene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
50-32-8	Benzo(a)pyrene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
193-39-5	Indeno(1,2,3-cd)pyrene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
53-70-3	Dibenz(a,h)anthracene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U
191-24-2	Benzo(g,h,i)perylene	41.	U	170.	U	140.	U	55.	U	53.	U	54.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

		042-M-Z904-01 040MZ90401 950930-08 040MZ90401 11/13/95 11/19/95 12/07/95 Sediment		042-M-2905-01 040MZ90501 950930-09 040MZ90501 11/13/95 11/19/95 12/02/95 Sediment		042-M-Z906-01 040MZ90601 950930-10 040MZ90601 11/13/95 11/19/95 12/02/95 Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL
108-95-2	Phenol	400.	U	410.	U	610.	U
111-44-4	bis(2-Chloroethyl)ether	40.	U	41.	U	61.	U
95-57-8	2-Chlorophenol	400.	U	410.	U	610.	U
541-73-1	1,3-Dichlorobenzene	400.	U	410.	U	610.	U
106-46-7	1,4-Dichlorobenzene	400.	U	410.	U	610.	U
95-50-1	1,2-Dichlorobenzene	400.	U	410.	U	610.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U	410.	U	610.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	UR	410.	U	610.	U
106-44-5	4-methyl phenol (p-Cresol)	400.	U	410.	U	610.	U
621-64-7	N-Nitroso-di-n-propylamine	40.	U	41.	U	61.	U
67-72-1	Hexachloroethane	400.	U	410.	U	610.	U
98-95-3	Nitrobenzene	400.	U	410.	U	610.	U
78-59-1	Isophorone	400.	U	410.	U	610.	U
88-75-5	2-Nitrophenol	400.	U	410.	U	610.	U
105-67-9	2,4-Dimethylphenol	400.	U	410.	U	610.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U	410.	U	610.	U
120-83-2	2,4-Dichlorophenol	400.	U	410.	U	610.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	410.	U	610.	U
91-20-3	Naphthalene	40.	U	41.	U	61.	U
106-47-8	4-Chloroaniline	400.	UJ	410.	U	610.	U
87-68-3	Hexachlorobutadiene	400.	U	410.	U	610.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	410.	U	610.	U
91-57-6	2-Methylnaphthalene	40.	U	41.	U	61.	U
77-47-4	Hexechlorocyclopentadiene	400.	U	410.	U	610.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	410.	U	610.	U
95-95-4	2,4,5-Trichlorophenol	980.	U	1000.	U	1500.	U
91-58-7	2-Chloronaphthalene	400.	U	410.	U	610.	U
88-74-4	2-Nitroaniline	400.	U	410.	U	610.	U
131-11-3	Dimethyl phthalate	400.	U	410.	U	610.	U
208-96-8	Acenaphthylene	400.	U	410.	U	610.	U
606-20-2	2,6-Dinitrotoluene	400.	U	410.	U	610.	U
99-09-2	3-Nitroaniline	980.	U	1000.	U	1500.	U
83-32-9	Acenaphthene	20.	U	20.	U	30.	U
51-28-5	2,4-Dinitrophenol	980.	U	1000.	U	1500.	U
100-02-7	4-Nitrophenol	980.	U	1000.	U	1500.	U
132-64-9	Dibenzofuran	400.	U	410.	U	610.	U

*** Validation Complete ***

PBNSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

SVOA										
	SAMPLE ID ------->	042-M-2904-01		042-M-2905-01		042-M-2906-01				
	ORIGINAL ID ----->	040MZ90401		040MZ90501		040MZ90601				
	LAB SAMPLE ID --->	950930-08		950930-09		950930-10				
	ID FROM REPORT -->	040MZ90401		040MZ90501		040MZ90601				
	SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95				
	DATE EXTRACTED -->	11/19/95		11/19/95		11/19/95				
	DATE ANALYZED --->	12/07/95		12/02/95		12/02/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL			
121-14-2	2,4-Dinitrotoluene	400.	U	410.	U	610.	U			
84-66-2	Diethylphthalate	400.	U	410.	U	610.	U			
7005-72-3	4-Chlorophenylphenylether	400.	U	410.	U	610.	U			
86-73-7	Fluorene	20.	U	20.	U	30.	U			
100-01-6	4-Nitroaniline	980.	U	1000.	U	1500.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	980.	U	1000.	U	1500.	U			
86-30-6	N-Nitrosodiphenylamine	400.	U	410.	U	610.	U			
101-55-3	4-Bromophenyl-phenylether	400.	U	410.	U	610.	U			
118-74-1	Hexachlorobenzene	400.	U	410.	U	610.	U			
87-86-5	Pentachlorophenol	980.	U	1000.	U	1500.	U			
85-01-8	Phenanthrene	40.	U	41.	U	61.	U			
120-12-7	Anthracene	40.	U	41.	U	61.	U			
84-74-2	Di-n-butylphthalate	400.	U	410.	U	610.	U			
206-44-0	Fluoranthene	40.	U	41.	U	61.	U			
86-74-8	Carbazole	400.	U	410.	U	610.	U			
129-00-0	Pyrene	40.	U	41.	U	61.	U			
85-68-7	Butylbenzylphthalate	400.	U	410.	U	610.	U			
91-94-1	3,3'-Dichlorobenzidine	400.	U	410.	U	610.	U			
56-55-3	Benzo(a)anthracene	40.	U	41.	U	61.	U			
218-01-9	Chrysene	40.	U	41.	U	61.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	410.	U	610.	U			
117-84-0	Di-n-octyl phthalate	400.	U	410.	U	610.	U			
205-99-2	Benzo(b)fluoranthene	40.	U	41.	U	61.	U			
207-08-9	Benzo(k)fluoranthene	40.	U	41.	U	61.	U			
50-32-8	Benzo(a)pyrene	40.	U	41.	U	61.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	40.	U	41.	U	61.	U			
53-70-3	Dibenz(a,h)anthracene	40.	U	41.	U	61.	U			
191-24-2	Benzo(g,h,i)perylene	40.	U	41.	U	61.	U			

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-H-2501-01	042-M-2502-01	042-M-2503-01	042-M-2504-01	342-M-2505-01	042-M-2506-01
	ORIGINAL ID ----->	040MZ50101	040MZ50201	040MZ50301	040MZ50401	040MZ50501	040MZ50601
	LAB SAMPLE ID --->	951005-11	951005-22	951005-23	951005-12	951005-13	951005-24
	ID FROM REPORT -->	040MZ50101	040MZ50201	040MZ50301	040MZ50401	040MZ50501	040MZ50601
	SAMPLE DATE ----->	12/04/95	12/05/95	12/05/95	12/04/95	12/04/95	12/05/95
	DATE EXTRACTED -->	12/28/96	12/27/96	12/27/96	12/28/96	12/27/96	12/27/96
	DATE ANALYZED --->	12/28/96	12/27/96	12/27/96	12/28/96	12/27/96	12/27/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	231001	231001	231001	231001	231001	231001
9999900-01-4	Total Organic Carbon (TOC)	392.	1220.	1870.	1120.	16500.	1590.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2507-01	042-M-2508-01	042-M-2509-01	042-M-2510-01	042-M-2511-01	042-M-2512-01
	ORIGINAL ID ----->	040MZ50701	040MZ50801	040MZ50901	040MZ51001	040MZ51101	040MZ51201
	LAB SAMPLE ID --->	960093-09	960010-01	960010-02	960010-03	960010-04	960010-05
	ID FROM REPORT -->	040MZ50701	040MZ50801	040MZ50901	040MZ51001	040MZ51101	040MZ51201
	SAMPLE DATE ----->	02/06/96	01/10/96	01/10/96	01/10/96	01/10/96	01/10/96
	DATE EXTRACTED -->	02/29/96	01/17/96	01/17/96	01/17/96	01/22/96	01/22/96
	DATE ANALYZED --->	02/29/96	01/17/96	01/17/96	01/17/96	01/22/96	01/22/96
	MATRIX ---------->	Sediment	Sediment	sediment	Sediment	sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	MZ1010	250801	250801	250801	250801	250801
9999900-01-4	otal Organic Carbon (TOC)	1380.	850.	1250.	1760.	800.	578.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-Z513-01	042-M-Z514-01	042-U-2515-01	042-M-Z516-01	042-M-2517-01	042-H-2518-01
	ORIGINAL ID ----->	040MZ51301	040MZ51401	040MZ51501	040MZ51601	040MZ51701	040MZ51801
	LAB SAMPLE ID --->	960010-06	960010-07	951029-09	960093-10	951029-10	951029-11
	ID FROM REPORT -->	040MZ51301	040MZ51401	040MZ51501	040MZ51601	040MZ51701	040MZ51801
	SAMPLE DATE ----->	01/10/96	01/10/96	12/11/95	02/06/96	12/11/95	12/11/95
	DATE EXTRACTED -->	01/22/96	01/22/96	01/03/96	03/02/96	01/03/96	01/03/96
	DATE ANALYZED --->	01/22/96	01/22/96	01/03/96	03/02/96	01/03/96	01/03/96
	MATRIX ---------->	Sediment	Sediment	Sediment	sediment	Sediment	sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	250801	250801	EW0010	ut1010	EW0010	EW0010
9999900-01-4	Total Organic Carbon (TOC)	845.	765.	1590.	1570.	791.	1350.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-H-2519-01	042-H-2520-01	042-M-2521-01	042-M-2522-01	042-M-2523-01	042-M-2524-01
	ORIGINAL ID ----->	040MZ51901	040MZ52001	040MZ52101	040MZ52201	040MZ52301	040MZ52401
	LAB SAMPLE ID --->	951029-12	951029-13	951021-12	951021-13	951021-14	960093-11
	ID FROM REPORT -->	040MZ51901	040MZ52001	040MZ52101	040MZ52201	040MZ52301	040MZ52401
	SAMPLE DATE ----->	12/11/95	12/11/95	12/07/95	12/07/95	12/07/95	02/06/96
	DATE EXTRACTED -->	01/03/96	01/03/96	01/02/96	01/02/96	01/02/96	03/02/96
	DATE ANALYZED --->	01/03/96	01/03/96	01/02/96	01/02/96	01/02/96	03/02/96
	MATRIX ---------->	sediment	Sediment	Sediment	sediment	Sediment	sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	EW0010	EW0010	EM0050	EM0050	EM0050	MZ1010
999900-01-4	otal Organic Carbon (TOC)	856.	1200.	943.	772.	60.	808.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2525-01	042-M-2526-01	042-M-2527-01	042-M-2528-01	042-M-2529-01	042-M-2530-01
	ORIGINAL ID ----->	040MZ52501	040MZ52601	040MZ52701	040MZ52801	040MZ52901	040MZ53001
	LAB SAMPLE ID --->	951005-14	951021-15	951005-15	951021-16	951021-17	951021-18
	ID FROM REPORT -->	040MZ52501	040MZ52601	040MZ52701	040MZ52801	040MZ52901	040MZ53001
	SAMPLE DATE ----->	12/04/95	12/07/95	12/04/95	12/07/95	12/01/95	12/07/95
	DATE EXTRACTED -->	12/27/96	01/02/96	12/27/96	01/02/96	01/02/96	01/02/96
	DATE ANALYZED --->	12/27/96	01/02/96	12/27/96	01/02/96	01/02/96	01/02/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	231001	EM0050	231001	EM0050	EM0050	EM0050
999900-01-4	otel Organic Carbon (TOC)	3000.	370.	1830.	792.	829.	721.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC	SAMPLE ID ------->	042-M-2531-01	042-M-2532-01	042-M-2533-01	042-M-2534-01	042-M-2535-01	042-M-2536-01
	ORIGINAL ID ----->	040MZ53101	040MZ53201	040MZ53301	040MZ53401	040MZ53501	040MZ53601
	LAB SAMPLE ID --->	951005-16	951021-19	950983-01	950983-02	950983-03	950983-04
	ID FROM REPORT -->	040MZ53101	040MZ53201	040MZ53301	040MZ53401	040MZ53501	040MZ53601
	SAMPLE DATE ----->	12/04/95	12/07/95	11/28/95	11/28/95	11/28/95	11/28/95
	DATE EXTRACTED -->	12/27/96	01/02/96	12/21/96	12/21/96	12/21/96	12/21/96
	DATE ANALYZED --->	12/27/96	01/02/96	12/21/96	12/21/96	12/21/96	12/21/96
	MATRIX ---------->	Sediment	sediment	Sediment	sediment	sediwt	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	Z31001	EM0050	253301	253301	253301	Z53301
999900-01-4	otal Organic Carbon (TOC)	1940.	653.	997.	1310.	1520.	1310.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2537-01	042-H-2538-01	042-M-Z539-01	042-M-Z540-01	042-M-Z541-01	042-M-Z542-01
	ORIGINAL ID ----->	040MZ53701	040MZ53801	040MZ53901	040MZ54001	040MZ54101	040MZ54201
	LAB SAMPLE ID --->	950983-05	950983-06	950930-12	960093-12	950930-13	950930-14
	ID FROM REPORT -->	040MZ53701	040MZ53801	040MZ53901	040MZ54001	040MZ54101	040MZ54201
	SAMPLE DATE ----->	11/28/95	11/28/95	11/14/95	02/06/96	11/14/95	11/14/95
	DATE EXTRACTED -->	12/21/96	12/21/96	11/27/95	03/02/96	11/27/95	11/27/95
	DATE ANALYZED --->	12/21/96	12/21/96	11/27/95	03/02/96	11/27/95	11/27/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	253301	253301	241901	MZ1010	241901	241901
9999900-01-4	Total Organic Carbon (TOC)	503.	1770.	1350.	854.	1420.	1420.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2543-01	042-M-2544-01	042-M-2545-01	042-M-2601-01	042-M-2602-01	042-H-2603-01
	ORIGINAL ID ----->	040MZ54301	040MZ54401	040MZ54501	040MZ60101	040MZ60201	040MZ60301
	LAB SAMPLE ID --->	950930-15	950930-16	950930-17	950930-18	960880001	950930-19
	ID FROM REPORT -->	040MZ54301	040MZ54401	040MZ54501	040MZ60101		040MZ60301
	SAMPLE DATE ----->	11/14/95	11/14/95	11/14/95	11/14/95	01/31/96	11/14/95
	DATE EXTRACTED -->	11/27/95	11/27/95	11/27/95	11/27/95	02/25/96	11/27/95
	DATE ANALYZED --->	11/27/95	11/27/95	11/27/95	11/27/95	02/25/96	11/27/94
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	241901	241901	241901	241901	MZ6020	241901
999900-01-4	otal Organic Carbon (TOC)	29700.	1010.	1360.	47800.	16200.	38000.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-Z604-01	042-M-2605-01	042-M-2606-01	042-M-Z607-01	042-M-Z608-01	042-M-2609-01
	ORIGINAL ID ----->	040MZ60401	040MZ60501	040MZ60601	040MZ60701	040MZ60801	040MZ60901
	LAB SAMPLE ID --->	950922-10	950922-11	950922-12	950922-13	950922.14	950922-15
	ID FROM REPORT -->	040MZ60401	040MZ60501	040MZ60601	040MZ60701	040MZ60801	040MZ60901
	SAMPLE DATE ----->	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95
	DATE EXTRACTED -->	11/20/95	11/20/95	11/21/95	11/21/95	11/21/95	11/21/95
	DATE ANALYZED --->	11/20/95	11/20/95	11/21/95	11/21/95	11/21/95	11/21/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	261101	261101	261101	261101	261101	261101
9999900-01-4	Total Organic Carbon (TOC)	2250.	10300.	3760.	1260.	1380.	1800.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-H-2610-01	042-M-2611-01	042-M-2612-01	042-M-2613-01	042-M-2614-01	042-M-2615-01
	ORIGINAL ID ----->	040MZ61001	040MZ61101	040MZ61201	040MZ61301	040MZ61401	040MZ61501
	LAB SAMPLE ID --->	950922-16	950922-01	950922-02	950922-03	950922-04	950922-05
	ID FROM REPORT -->	040MZ61001	04MZ61101	04MZ61201	04MZ61301	04MZ61401	04MZ61501
	SAMPLE DATE ----->	11/09/95	11/08/95	11/08/95	11/08/95	11/08/95	11/08/95
	DATE EXTRACTED -->	11/21/95	11/20/95	11/20/95	11/20/95	11/20/95	11/20/95
	DATE ANALYZED --->	11/21/95	11/20/95	11/20/95	11/20/95	11/20/95	11/20/95
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	261101	261101	261101	261101	261101	261101
999900-01-4	Total Organic Carbon (TOC)	1400.	1850.	3040.	13300.	3080.	1770.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-Z616-01	042-H-2617-01	042-M-2618-01	042-M-2619-01	042-M-2620-01	042-M-Z621-01
	ORIGINAL ID ----->	040MZ61601	040MZ61701	040MZ61801	040MZ61901	04011262001	040MZ62101
	LAB SAMPLE ID --->	950922-06	950922-07	950922-08	960086-02	950899-14	950899-15
	ID FROM REPORT -->	04MZ61601	04MZ61701	04MZ61801	040MZ61901	040MZ62001	040MZ62101
	SAMPLE DATE ----->	11/08/95	11/08/95	11/08/95	01/31/96	11/06/95	11/06/95
	DATE EXTRACTED -->	11/20/95	11/20/95	11/20/95	02/25/96	11/10/95	11/13/95
	DATE ANALYZED --->	11/20/95	11/20/95	11/20/95	02/25/96	11/10/95	11/13/95
	MATRIX ---------->	Sediment	Sediment	Sediment	sediment	Sediment	sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	'arameter	261101	261101	261101	MZ6020	040EM0	040EM0
999900-01-4	otal Organic Carbon (TOC)	34600.	1220.	9030.	12400.	2170.	975.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-Z622-01	042-M-2623-01	042-M-Z701-01	042-M-2702-01	042-M-Z703-01	042-M-2704-01
	ORIGINAL ID ----->	040MZ62201	040MZ62301	040MZ70101	040MZ70201	040MZ70301	040MZ70401
	LAB SAMPLE ID --->	950899-16	950899-17	950899-18	950899-19	950899.20	950899-21
	ID FROM REPORT -->	040MZ62201	040MZ62301	040MZ70101	040MZ70201	040MZ70301	040MZ70401
	SAMPLE DATE ----->	11/06/95	11/06/95	11/06/95	11/06/95	11/06/95	11/06/95
	DATE EXTRACTED -->	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95	11/14/95
	DATE ANALYZED --->	11/13/95	11/13/95	11/13/94	11/13/95	11/13/95	11/14/95
	MATRIX ---------->	Sediment	Sediment	sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	040EM0	040EM0	040EM0	040EM0	D40EM0	040EM0
999900-01-4	otal Organic Carbon (TOC)	3760.	1080.	798.	867.	1050.	896.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2705-01	042-M-2706-01	042-M-2707-01	042-M-2708-01	042-M-2709-01	042-M-2710-01
	ORIGINAL ID ----->	040MZ70501	040MZ70601	040MZ70701	040MZ70801	040MZ70901	040MZ71001
	LAB SAMPLE ID --->	950899-05	950899-06	950899-07	950899-08	950899-09	960093-13
	ID FROM REPORT -->	040MZ70501	040MZ70601	040MZ70701	040MZ70801	040MZ70901	040MZ71001
	SAMPLE DATE ----->	11/02/95	11/02/95	11/01/95	11/02/95	11/02/95	02/06/96
	DATE EXTRACTED -->	11/10/95	11/10/95	11/10/95	11/10/95	11/10/95	03/02/96
	DATE ANALYZED --->	11/10/95	11/10/95	11/10/95	11/10/95	11/10/95	03/02/96
	MATRIX ---------->	Sediment	Sediment	sediment	sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	040EM0	040EM0	040EM0	040EM0	040EM0	MZ1010
999900-01-4	Total Organic Carbon (TOC)	975.	899.	653.	738.	1050.	1360.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2711-01	042-M-2712-01	042-M-2713-01	042-M-2714-01	042-M-2715-01	042-M-Z716-01
	ORIGINAL ID ----->	040MZ71101	040MZ71201	040MZ71301	040MZ71401	040MZ71501	040MZ71601
	LAB SAMPLE ID --->	950899-10	950899-11	950899-12	950899-03	950887-10	950887-11
	ID FROM REPORT -->	040MZ71101	040MZ71201	040MZ71301	040MZ71401	040MZ71501	040MZ71601
	SAMPLE DATE ----->	11/01/95	11/02/95	11/02/95	11/01/95	10/30/95	10/30/95
	DATE EXTRACTED -->	11/10/95	11/10/95	11/10/95	11/10/95	11/09/95	11/09/95
	DATE ANALYZED --->	11/10/95	11/10/95	11/10/95	11/10/95	11/09/95	11/09/95
	MATRIX ---------->	sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	040EM0	040EM0	040EM0	040EM0	MZ7230	MZ7230
999900-01-4	otal Organic Carbon (TOC)	1140.	902.	772.	1130.	940.	1790.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2717-01	042-M-2718-01	042-M-2719-01	042-M-2720-01	042-M-2721-01	042-M-2722-01
	ORIGINAL ID ----->	040MZ71701	040MZ71801	040MZ71901	040MZ72001	040MZ72101	040MZ72201
	LAB SAMPLE ID --->	950887-12	950887-13	950887-14	950887-15	950887.16	950887-17
	ID FROM REPORT -->	040MZ71701	040MZ71801	040MZ71901	040MZ72001	040MZ72101	040MZ72201
	SAMPLE DATE ----->	10/30/95	10/30/95	10/30/95	10/30/95	10/30/95	10/30/95
	DATE EXTRACTED -->	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95
	DATE ANALYZED --->	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95	11/09/95
	MATRIX ---------->	Sediment	Sediment	sediment	sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	MZ7230	MZ7230	MZ7230	MZ7230	MZ7230	MZ7230
999900-01-4	otal Organic Carbon (TOC)	1590.	1420.	1350.	889.	898.	923.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-Z723-01	042-M-Z724-01	042-M-Z725-01	042-M-2726-01	042-M-Z727-01	042-H-2728-01
	ORIGINAL ID ----->	040MZ72301	040MZ72401	040MZ72501	040MZ72601	040MZ72701	040MZ72801
	LAB SAMPLE ID --->	950887-01	950887-02	950887-03	950887-04	950887-05	950887-06
	ID FROM REPORT -->	040MZ72301	040MZ72401	040MZ72501	040MZ72601	040MZ72701	040MZ72801
	SAMPLE DATE ----->	10/27/95	10/27/95	10/27/95	10/27/95	10/27/95	10/27/95
	DATE EXTRACTED -->	11/07/95	11/07/95	11/07/95	11/07/95	11/07/95	11/07/95
	DATE ANALYZED --->	11/07/95	11/07/95	11/07/95	11/07/95	11/07/95	11/07/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS A	arameter	MZ7230	MZ7230	MZ7230	MZ7230	MZ7230	MZ7230
999900-01-4	otal Organic Carbon (TOC)	558.	769.	765.	933.	678.	600.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-Z729-01	042-M-Z730-01	042-M-Z731-01	042-M-Z732-01	042-M-Z733-01	042-M-Z734-01
	ORIGINAL ID ----->	040MZ72901	040MZ73001	040MZ73101	040MZ73201	040MZ73301	040MZ73401
	LAB SAMPLE ID --->	960093-14	950887-07	950887-08	950876-10	950876-11	950876-12
	ID FROM REPORT -->	040MZ72901	040MZ73001	040MZ73101	040MZ73201	040MZ73301	040MZ73401
	SAMPLE DATE ----->	02/06/96	10/27/95	10/27/95	10/26/95	10/26/95	10/26/95
	DATE EXTRACTED -->	03/02/96	11/07/95	11/09/95	11/03/95	11/03/95	11/03/95
	DATE ANALYZED --->	03/02/96	11/07/95	11/09/95	11/03/95	11/03/95	11/03/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	MZ1010	MZ7230	MZ7230	MZ8030	428030	1128030
9999900-01-4	Total Organic Carbon (TOC)	877.	712.	966.	400.	634.	443.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC	SAMPLE ID ------->	042-M-Z735-01	042-M-Z736-01	042-M-Z737-01	042-M-Z738-01	042-M-Z739-01	042-M-2740-01
	ORIGINAL ID ----->	040MZ73501	040MZ73601	040MZ73701	040MZ73801	040MZ73901	040MZ74001
	LAB SAMPLE ID --->	950876-13	950876-14	950876-15	960093-15	950876-16	950876-17
	ID FROM REPORT -->	040MZ73501	040MZ73601	040MZ73701	040MZ73801	040MZ73901	040MZ74001
	SAMPLE DATE ----->	10/26/95	10/26/95	10/26/95	02/06/96	10/26/95	10/26/95
	DATE EXTRACTED -->	11/03/95	11/03/95	11/03/95	03/02/96	11/03/95	11/03/95
	DATE ANALYZED --->	11/03/95	11/03/95	11/03/95	03/02/96	11/03/95	11/03/95
	MATRIX ---------->	Sediment	Sediment	Sediment	sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	MZ8030	MZ8030	MZ8030	MZ1010	MZ8030	MZ8030
399900-01-4	otal Organic Carbon (TOC)	437.	468.	422.	836.	415.	663.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2801-01	042-M-2802-01	042-M-2803-01	042-M-2804-01	042-M-2805-01	042-M-2806-01
	ORIGINAL ID ----->	040MZ80101	040MZ80201	040MZ80301	040MZ80401	040MZ80501	040MZ80601
	LAB SAMPLE ID --->	950930-05	950876-18	950876-01	950876-02	950876-03	950876-04
	ID FROM REPORT -->	040MZ80101	040MZ80201	040MZ80301	040MZ80401	040MZ80501	040MZ80601
	SAMPLE DATE ----->	11/13/95	10/26/95	10/25/95	10/25/95	10/25/95	10/25/95
	DATE EXTRACTED -->	11/22/95	11/03/95	11/03/95	11/03/95	11/03/95	11/03/95
	DATE ANALYZED --->	11/22/95	11/03/95	11/03/95	11/03/95	11/03/95	11/03/95
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	sediment	sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	241901	MZ8030	MZ8030	MZ8030	MZ8030	MZ8030
9999900-01-4	otal Organic Carbon (TOC)	5180.	632.	4330.	864.	27200.	1000.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-H-2807-01	042-H-2808-01	042-M-2809-01	042-H-2810-01	042-H-2811-01	042-H-2812-01
	ORIGINAL ID ----->	040MZ80701	040MZ80801	040MZ80901	040MZ81001	040MZ81101	040MZ81201
	LAB SAMPLE ID --->	950876-05	950876-06	950876-07	950876-08	960093-16	950865-19
	ID FROM REPORT -->	040MZ80701	040MZ80801	040MZ80901	040MZ81001	040MZ81101	040MZ81201
	SAMPLE DATE ----->	10/25/95	10/25/95	10/25/95	10/25/95	02/06/96	10/24/95
	DATE EXTRACTED -->	11/03/95	11/03/95	11/03/95	11/03/95	03/02/96	
	DATE ANALYZED --->	11/03/95	11/03/95	11/03/95	11/03/95	03/02/96	11/22/95
	MATRIX ---------->	sediment	sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	MZ8030	MZ8030	MZ8030	MZ8030	MZ1010	EM0010
9999900-01-4	Total Organic Carbon (TOC)	22900.	3010.	1080.	3910.	4890.	3850.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC	SAMPLE ID ------->	042-M-Z813-01	042-M-Z814-01	042-M-Z815-01	042-M-Z816-01	042-M-Z817-01	042-M-Z818-01
	ORIGINAL ID ----->	040MZ81301	040MZ81401	040MZ81501	040MZ81601	040MZ81701	040MZ81801
	LAB SAMPLE ID --->	950865-18	950865-17	950865-16	950865-15	950865-14	950865-13
	ID FROM REPORT -->	040MZ81301	040MZ81401	040MZ81501	040MZ81601	040MZ81701	040MZ81801
	SAMPLE DATE ----->	10/24/95	10/24/95	10/24/95	10/24/95	10/24/95	10/24/95
	DATE ANALYZED --->	11/22/95	11/22/95	11/22/95	11/22/95	11/22/95	11/22/95
	MATRIX ---------->	Sediment	sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	EM0010	EM0010	EM0010	EM0010	EM0010	EM0010
999900-01-4	Total Organic Carbon (TOC)	1310.	4540.	7960.	2210.	973.	2910.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-H-2819-01	042-M-2820-01	042-M-Z821-01	042-M-Z822-01	042-M-2823-01	042-M-Z824-01
	ORIGINAL ID ----->	040MZ81901	040MZ82001	040MZ82101	040MZ82201	040MZ82301	040MZ82401
	LAB SAMPLE ID --->	950865-12	950865-11	950865-10	950865-09	950865-03	950865-04
	ID FROM REPORT -->	040MZ81901	040MZ82001	040MZ82101	040MZ82201	040MZ82301	040MZ82401
	SAMPLE DATE ----->	10/24/95	10/24/95	10/24/95	10/24/95	10/23/95	10/23/95
	DATE ANALYZED --->	11/22/95	11/22/95	11/22/95	11/22/95	11/22/95	11/22/95
	MATRIX ---------->	Sediment	Sediment	sediment	Sediment	Sediment	sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	EM0010	EM0010	EM0010	EM0010	EM0010	EM0010
999900-01-4	otal Organic Carbon (TOC)	965.	6510.	4230.	2250.	28000.	1080.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC							
	SAMPLE ID ------->	042-M-2825-01	042-M-2826-01	042-M-2827-01	042-M-2901-01	042-M-Z902-01	042-M-2903-01
	ORIGINAL ID ----->	040MZ82501	040MZ82601	040MZ82701	040MZ90101	040MZ90201	040MZ90301
	LAB SAMPLE ID --->	950865-05	950865-06	950865-07	960107-01	950930-06	950930-07
	ID FROM REPORT -->	040MZ82501	040MZ82601	040MZ82701	040MZ90101	040MZ90201	040MZ90301
	SAMPLE DATE ----->	10/23/95	10/23/95	10/23/95	02/09/96	11/13/95	11/13/95
	DATE EXTRACTED -->				03/02/96	11/22/95	11/22/95
	DATE ANALYZED --->	11/22/95	11/22/95	11/22/95	03/02/96	11/22/95	11/22/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	EM0010	EM0010	EM0010	MZ9010	241901	241901
999900-01-4	otal Organic Carbon (TOC)	746.	43500.	40100.	12800.	9040.	7680.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

TOC	SAMPLE ID ------->	042-M-2904-01	042-M-2905-01	042-M-2906-01			
	ORIGINAL ID ----->	040MZ90401	040MZ90501	040MZ90601			
	LAB SAMPLE ID --->	950930-08	950930-09	950930-10			
	ID FROM REPORT -->	040MZ90401	040MZ90501	040MZ90601			
	SAMPLE DATE ----->	11/13/95	11/13/95	11/13/95			
	DATE EXTRACTED -->	11/22/95	11/22/95	11/27/95			
	DATE ANALYZED --->	11/22/95	11/22/95	11/27/95			
	MATRIX ---------->	Sediment	Sediment	Sediment			
	UNITS ---------->	MG/KG	MG/KG	MG/KG			
CAS #	arameter	241901	241901	241901			
999900-01-4	otal Organic Carbon (TOC)	1600.	1340.	28400.			

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-Z501-01		042-M-2502-01		042-M-2503-01		042-M-Z504-01		042-M-2505-01		042-M-2506-01	
	ORIGINAL ID ----->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	LAB SAMPLE ID --->	951005-11		951005-22		951005-23		951005-12		951005-13		951005-24	
	ID FROM REPORT -->	040MZ50101		040MZ50201		040MZ50301		040MZ50401		040MZ50501		040MZ50601	
	SAMPLE DATE ----->	12/04/95		12/05/95		12/05/95		12/04/95		12/04/95		12/05/95	
	DATE ANALYZED --->	12/05/95		12/06/95		12/07/95		12/06/95		12/05/95		12/07/95	
	MATRIX ---------->	sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL
74-87-3	Chloromethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
74-83-9	Bromomethane	12.	U	12.	U	12.	U	4.	J	13.	U	13.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
75-09-2	Methylene chloride	21.	U	13.	U	15.	U	12.	U	20.	U	13.	U
67-64-1	Acetone	55.	U	160.	U	160.	U	12.	U	35.	U	86.	U
75-15-0	Carbon disulfide	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
67-66-3	Chloroform	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
78-93-3	2-Eutanone (MEK)	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
79-01-6	Trichloroethene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
71-43-2	Benzene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
75-25-2	Bromoform	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
591-78-6	2-Hexenone	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
108-88-3	Toluene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
108-90-7	Chlorobenzene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
100-41-4	Ethylbenzene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
100-42-5	Styrene	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	12.	U	12.	U	13.	U	13.	U

+** Validation Complete ***

primary samples

VOA															
	SAMPLE ID ------->	042-M-Z507-01		042-M-2508-01		042-M-2509-01		042-M-2510-01		042-M-2511-01		042-M-Z512-01	
	ORIGINAL ID ----->	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	LAB SAMPLE ID --->	960093-09		960010-01		960010-02		960010-03		960010-04		960010-05	
	ID FROM REPORT -->	040MZ50701		040MZ50801		040MZ50901		040MZ51001		040MZ51101		040MZ51201	
	SAMPLE DATE ----->	02/06/96		01/10/96		01/10/96		01/10/96		01/10/96		01/10/96	
	DATE ANALYZED --->	02/07/96		01/12/96		01/12/96		01/12/96		01/12/96		01/14/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	250801	VAL	Z50801	VAL	250801	VAL	250801	VAL	250801	VAL
74-87-3	Chloromethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
74-83-9	Bromomethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
75-09-2	Methylene chloride	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
67-64-1	Acetone	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
75-15-0	Carbon disulfide	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
75-35-4	1,l-Dichloroethene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
67-66-3	Chloroform	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
107-06-2	1,2-Dichloroethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
78-93-3	2-Butanone (MEK)	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
56-23-5	Carbon tetrachloride	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
75-27-4	Bromodichloromethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
78-87-5	1,2-Dichloropropane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
10061-01-5	cis-I,3-Dichloropropene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
79-01-6	Trichloroethene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
124-48-1	Dibromochloromethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
71-43-2	Benzene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
75-25-2	Bromoform	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentenone (MIBK)	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
591-78-6	2-Hcxenone	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
127-18-4	Tetrachloroethene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
108-88-3	Toluene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
108-90-7	Chlorobenrene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
100-41-4	Ethylbenzene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
100-42-5	Styrene	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U
1330-20-7	Xylene (Total)	12.	U	13.	U	13.	U	13.	U	12.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-Z513-01		042-M-2514-01		042-M-Z515-01		042-M-Z516-01		042-M-Z517-01		042-M-Z518-01	
	ORIGINAL ID ----->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	LAB SAMPLE ID --->	960010-06		960010-07		951029-09		960093-10		951029-10		951029-11	
	ID FROM REPORT -->	040MZ51301		040MZ51401		040MZ51501		040MZ51601		040MZ51701		040MZ51801	
	SAMPLE DATE ----->	01/10/96		01/10/96		12/11/95		02/06/96		12/11/95		12/11/95	
	DATE ANALYZED --->	01/12/96		01/12/96		12/14/95		02/07/96		12/14/95		12/14/95	
	MATRIX ---------->	sediment		Sediment		sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	250801	VAL	Z50801	VAL	EW0010	VAL	MZ1010	VAL	EW0010	VAL	EW0010	VAL
74-87-3	Chloromethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
75-09-2	Methylene chloride	90.	U	79.	U	12.	U	13.	U	12.	U	35.	U
67-64-1	Acetone	150.	U	110.	U	12.	UJ	13.	U	12.	UJ	20.	U
75-15-0	Carbon disulfide	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
67-66-3	Chloroform	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
79-01-6	Trichloroethene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
79-00-5	1,1,2-Trichloroethene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
71-43-2	Benzene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
75-25-2	Bromoform	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
591-78-6	2-Hexanone	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
108-88-3	Toluene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
108-90-7	Chlorobenzene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
100-41-4	Ethylbentene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
100-42-5	Styrene	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	12.	U	13.	U	12.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-Z519-01		042-M-Z520-01		042-M-Z521-01		042-M-2522-01		042-M-Z523-01		042-M-2524-01	
	ORIGINAL ID ----->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	LAB SAMPLE ID --->	951029-12		951029-13		951021-12		951021-13		951021-14		960093-11	
	ID FROM REPORT -->	040MZ51901		040MZ52001		040MZ52101		040MZ52201		040MZ52301		040MZ52401	
	SAMPLE DATE ----->	12/11/95		12/11/95		12/07/95		12/07/95		12/07/95		02/06/96	
	DATE ANALYZED --->	12/14/95		12/14/95		12/12/95		12/12/95		12/12/95		02/11/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL	MZ1010	VAL
74-87-3	Chloromethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-09-2	Methylene chloride	12.	U	12.	U	15.	U	15.	U	14.	U	12.	U
67-64-1	Acetone	12.	UJ	12.	UJ	12.	U	17.	U	12.	U	12.	U
75-15-0	Carbon disulfide	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
67-66-3	Chloroform	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
79-01-6	Trichloroethene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
71-43-2	Benzene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-25-2	Bromoform	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
591-78-6	2-Hexanone	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
108-88-3	Toluene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
108-90-7	Chlorobenzene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
100-41-4	Ethylbenzene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
100-42-5	styrene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-2525-01		042-M-2526-01		042-M-Z527-01		042-M-Z528-01		042-M-Z529-01		042-M-Z530-01	
	ORIGINAL ID ----->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901		040MZ53001	
	LAB SAMPLE ID --->	951005-14		951021-15		951005.15		951021-16		951021-17		9601253081	
	ID FROM REPORT -->	040MZ52501		040MZ52601		040MZ52701		040MZ52801		040MZ52901			
	SAMPLE DATE ----->	12/04/95		12/07/95		12/04/95		12/07/95		12/07/95		12/07/95	
	DATE ANALYZED --->	12/05/95		12/12/95		12/05/95		12/12/95		12/13/95		12/12/95	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	EM0050	VAL	231001	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL
74-87-3	Chloromethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
74-83-9	Bromomethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
75-09-2	Methylene chloride	24.	U	15.	U	22.	U	23.	U	9.	U	5.	U
67-64-1	Acetone	13.	U	12.	U	32.	U	12.	U	14.	U	12.	U
75-15-0	Carbon disulfide	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
75-35-4	1,1-Dichloroethene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
75-34-3	1,1-Dichloroethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
67-66-3	Chloroform	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
107-06-2	1,2-Dichloroethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
78-93-3	2-Butanone (MEK)	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
71-55-6	1,1,1-Trichloroethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
56-23-5	Carbon tetrachloride	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
75-27-4	Bromodichloromethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
78-87-5	1,2-Dichloropropane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
79-01-6	Trichloroethene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
124-48-1	Dibromochloromethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
79-00-5	1,1,2-Trichloroethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
71-43-2	Benzene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
75-25-2	Bromoform	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
591-78-6	2-Hexanone	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
127-18-4	Tetrachloroethene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
108-88-3	Toluene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
108-90-7	Chlorobenzene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
100-41-4	Ethylbenzene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
100-42-5	Styrene	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U
1330-20-7	Xylene (Total)	13.	U	12.	U	12.	U	12.	U	14.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PERISACOLA, SITE 42, PHASE II
primary samples

VOA															
	SAMPLE ID ------->	042-M-Z531-01		042-M-2532-01		042-M-Z533-01		042-M-2534-01		042-M-Z535-01		042-H-2536-01	
	ORIGINAL ID ----->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	LAB SAMPLE ID --->	951005-16		951021-19		950983.01		950983-02		950983-03		950983-04	
	ID FROM REPORT -->	040MZ53101		040MZ53201		040MZ53301		040MZ53401		040MZ53501		040MZ53601	
	SAMPLE DATE ----->	12/04/95		12/07/95		11/28/95		11/28/95		11/28/95		11/28/95	
	DATE ANALYZED --->	12/06/95		12/13/95		11/30/95		11/30/95		11/29/95		12/01/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	231001	VAL	EM0050	VAL	253301	VAL	253301	VAL	253301	VAL	Z53301	VAL
74-87-i	Chloromethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
74-83-9	Bromomethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
75-01-4	Vinyl chloride	4.	U	3.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
75-09-2	Methylene chLoride	12.	U	21.	U	14.	U	12.	U	14.	U	14.	U
67-64-1	ketone	12.	U	11.	U	13.	U	12.	U	23.	U	13.	U
75-15-0	Carbon disulfide	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
75-35-4	1,1-Dichloroethene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
75-34-3	1,1-Dichloroethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
67-66-!	Chloroform	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
107-06-2	1,2-Dichloroethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
78-93-3	2-Butanone (MEK)	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
71-55-t	1,1,1-Trichloroethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
56-23-5	Carbon tetrachloride	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
75-27-4	Bromodichloromethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
78-87-5	1, 2-Dichloropropane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
79-01-6	Trichloroethene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
124-48-1	Dibromochloromethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
79-00-5	1, 1,2-Trichloroethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
71-43-2	Benzene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
75-25-2	Bromoform	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
591-78-6	2-Hexanone	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
127-18-4	Tetrachloroethene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
108-88-3	Toluene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
108-90-7	Chlorobenzene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
100-41-4	Ethylbenzene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
100-42-5	Styrene	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U
1330-20-7	Xylene (Total)	12.	U	11.	U	13.	U	12.	U	12.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-2537-01		042-M-2538-01		042-M-2539-01		042-M-2540-01		042-M-2541-01		042-M-2542-01	
	ORIGINAL ID ----->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	LAB SAMPLE ID --->	950983-05		950983-06		950930-12		960093-12		950930-13		950930-14	
	ID FROM REPORT -->	040MZ53701		040MZ53801		040MZ53901		040MZ54001		040MZ54101		040MZ54201	
	SAMPLE DATE ----->	11/28/95		11/28/95		11/14/95		02/06/96		11/14/95		11/14/95	
	DATE ANALYZED --->	12/01/95		12/01/95		11/18/95		02/07/96		11/18/95		11/18/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	253301	VAL	253301	VAL	241901	VAL	MZ1010	VAL	Z41901	VAL	241901	VAL
74-87-3	Chloromethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
74-83-9	Bromomethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
75-09-2	Methylene chloride	14.	U	14.	U	16.	U	12.	U	12.	U	14.	U
67-64-1	Acetone	13.	U	14.	U	12.	U	12.	U	12.	U	14.	U
75-15-0	Carbon disulfide	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
75-35-4	1,1-Dichloroethene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
75-34-3	1,1-Dichloroethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
67-66-3	Chloroform	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
107-06-2	1,2-Dichloroethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
78-93-3	2-Butanone (MEK)	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
71-55-6	1,1,1-Trichloroethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
56-23-5	Carbon tetrachloride	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
75-27-4	Bromodichloromethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
78-87-5	1,2-Dichloropropane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
79-01-6	Trichloroethene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
124-48-1	Dibromochloromethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
79-00-5	1,1,2-Trichloroethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
71-43-2	Benzene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
75-25-2	Bromoform	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
591-78-6	2-Hexanone	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
127-18-4	Tetrachloroethene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
108-88-3	Toluene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
108-90-7	Chlorobenzene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
100-41-4	Ethylbenzene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
100-42-5	Styrene	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U
1330-20-7	Xylene (Total)	13.	U	13.	U	12.	U	12.	U	12.	U	14.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA															
	SAMPLE ID ------->	042-M-2543-01		042-M-2544-01		042-M-2545-01		042-M-2601-01		042-M-Z602-01		042-M-Z603-01	
	ORIGINAL ID ----->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	LAB SAMPLE ID --->	950930-15		950930-16		950930-17		950930-18		960084-01		950930-19	
	ID FROM REPORT -->	040MZ54301		040MZ54401		040MZ54501		040MZ60101		040MZ60201		040MZ60301	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/14/95		01/31/96		11/14/95	
	DATE ANALYZED --->	11/20/95		11/18/95		11/18/95		11/20/95		02/04/96		11/20/95	
	MATRIX ---------->	Sediment		Sediment		sediment		sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL	241901	VAL	MZ6020	VAL	241901	VAL
74-87-3	Chloromethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
74-83-9	Bromomethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
75-01-4	Vinyl chloride	9.	U	4.	U	4.	U	14.	U	8.	U	8.	U
75-00-3	Chloroethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
75-09-2	Methylene chloride	41.	U	12.	U	12.	U	60.	U	25.	U	34.	U
67-64-1	Acetone	240.	U	12.	U	12.	U	380.	U	94.	U	330.	U
75-15-0	Carbon disulfide	11.	J	12.	U	12.	U	21.	J	42.		28.	
75-35-4	1,1-Dichloroethene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
75-34-3	1,1-Dichloroethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
540-59-0	1,2-Dichloroethene (total)	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
67-66-3	Chloroform	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
107-06-2	1,2-Dichloroethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
78-93-3	2-Butanone (MEK)	31.	U	12.	U	12.	U	45.	U	25.	U	63.	
71-55-6	1,1,1-Trichloroethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
56-23-5	Carbon tetrachloride	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
75-27-4	Bromodichloromethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
78-87-5	1,2-Dichloropropane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
10061-01-5	cis-1,3-Dichloropropene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
79-01-6	Trichloroethene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
124-48-1	Dibromochloromethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
79-00-5	1,1,2-Trichloroethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
71-43-2	Benzene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
10061-02-6	trans-1,3-Dichloropropene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
75-25-2	Bromoform	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
591-78-6	2-Hexanone	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
127-18-4	Tetrachloroethene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
79-34-5	1,1,2,2-Tetrachloroethane	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
108-88-3	Toluene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
108-90-7	Chlorobenzene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
100-41-4	Ethylbenzene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
100-42-5	Styrene	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U
1330-20-7	Xylene (Total)	31.	U	12.	U	12.	U	45.	U	25.	U	27.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-2604-01		042-M-2605-01		042-M-2606-01		042-M-2607-01		042-M-Z608-01		042-M-Z609-01	
	ORIGINAL ID ----->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	LAB SAMPLE ID --->	950922-10		950922-11		950922-12		950922-13		950922-14		950922-15	
	ID FROM REPORT -->	040MZ60401		040MZ60501		040MZ60601		040MZ60701		040MZ60801		040MZ60901	
	SAMPLE DATE ----->	11/09/95		11/09/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE ANALYZED --->	11/12/95		11/13/95		11/12/95		11/12/95		11/12/95		11/12/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	Z61101	VAL	Z61101	VAL	261101	VAL	Z61101	VAL	Z61101	VAL
74-87-3	Chloromethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
74-83-9	Bromomethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
75-01-4	Vinyl chloride	4.	U	8.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
75-09-2	Methylene chloride	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
67-64-1	Acetone	13.	U	230.	U	13.	U	12.	U	13.	U	14.	U
75-15-0	Carbon disulfide	13.	U	20.	J	13.	U	12.	U	13.	U	14.	U
75-35-4	1,1-Dichloroethene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
75-34-3	1,1-Dichloroethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
67-66-3	Chloroform	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
107-06-2	1,2-Dichloroethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
78-93-3	2-Butanone (MEK)	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
71-55-6	1,1,1-Trichloroethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
56-23-5	Carbon tetrachloride	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
75-27-4	Bromodichloromethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
78-87-5	1,2-Dichloropropane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
79-01-6	Trichloroethene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
124-48-1	Dibromochloromethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
79-00-5	1,1,2-Trichloroethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
71-43-2	Benzene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
75-25-2	Bromoform	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
591-78-6	2-Hexanone	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
127-18-4	Tetrachloroethene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
108-88-3	Toluene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
108-90-7	Chlorobenzene	13.	U	26.	U	13.	U	12.	U	4.	J	14.	U
100-41-4	Ethylbenzene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
100-42-5	Styrene	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U
1330-20-7	Xylene (Total)	13.	U	26.	U	13.	U	12.	U	13.	U	14.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-2610-01		042-M-2611-01		042-M-2612-01		042-M-2613-01		042-M-2614-01		042-M-2615-01	
	ORIGINAL ID ----->	0401261001		040MZ61101		040MZ61201		04On261301		04On261401		040MZ61501	
	LAB SAMPLE ID --->	950922-16		950922-01		950922-02		950922-03		950922-04		950922-05	
	ID FROM REPORT -->	040MZ61001		04MZ61101		04MZ61201		04MZ61301		04MZ61401		04MZ61501	
	SAMPLE DATE ----->	11/09/95		11/08/95		11/08/95		11/08/95		11/08/95		11/08/95	
	DATE ANALYZED --->	11/13/95		11/13/95		11/12/95		11/12/95		11/12/95		11/12/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	Z61101	VAL	Z61101	VAL	261101	VAL	Z61101	VAL	Z61101	VAL
74-87-3	Chloromethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	5.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
75-09-2	Methylene chloride	12.	U	13.	U	14.	U	18.	U	13.	U	17.	U
67-64-1	Acetone	12.	U	12.	U	13.	U	32.	U	13.	U	12.	U
75-15-0	Carbon disulfide	12.	U	12.	U	13.	U	4.	J	13.	U	12.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
67-66-3	Chloroform	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	13.	U	8.	J	13.	U	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
79-01-6	Trichloroethene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
124-48-1	Dibromochlorunethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
71-43-2	Benzene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
75-25-2	Bromoform	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
108-10-1	4-Methyl-2-pent anone (MIBK)	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
591-78-6	2-Hexanone	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
108-88-3	Toluene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
108-90-7	Chlorobenzene	12.	U	5.	J	9.	J	18.	U	13.	U	9.	J
100-41-4	Ethylbenzene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
100-42-5	Styrene	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	13.	U	18.	U	13.	U	12.	U

*** Validation Complete ***

primary samples

VOA													
	SAMPLE ID ------->	042-M-2616-01		042-M-2617-01		042-M-2618-01		042-M-2619-01		042-14-2620-01		042-M-2621-01	
	ORIGINAL ID ----->	040MZ61601		040MZ61701		040MZ61801		040MZ61901		040MZ62001		040MZ62101	
	LAB SAMPLE ID --->	950922-06		950922-07		950922-08		960084-02		950899-14		950899-15	
	ID FROM REPORT -->	04MZ61601		04MZ61701		04MZ61801		040MZ61901		040MZ62001		040MZ62101	
	SAMPLE DATE ----->	11/08/95		11/08/95		11/08/95		01/31/96		11/06/95		11/06/95	
	DATE ANALYZED --->	11/13/95		11/12/95		11/13/95		02/04/96		11/08/95		11/08/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		sediment	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	MZ6020	VAL	040EM0	VAL	040EM0	VAL
74-87-3	Chloromethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	6.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
75-09-2	Methylene chloride	12.	U	12.	U	14.	U	20.	U	41.	U	39.	U
67-64-1	Acetone	110.	U	12.	U	20.	U	20.	U	18.	U	12.	U
75-15-0	Carbon disulfide	7.	J	12.	U	14.	U	5.	J	14.	U	12.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
67-66-3	Chloroform	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
78-93-3	2-Butanone (MEK)	18.		12.	U	14.	U	20.	U	14.	U	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
79-01-6	Trichloroethene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
71-43-2	Benzene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
75-25-2	Bromoform	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
591-78-6	2-Hexanone	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
108-88-3	Toluene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
108-90-7	Chlorobenzene	12.	U	12.	U	4.	J	20.	U	14.	U	12.	U
100-41-4	Ethylbenzene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
100-42-5	Styrene	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	14.	U	20.	U	14.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA															
	SAMPLE ID ------->	042-M-Z622-01		042-M-2623-01		042-M-2701-01		042-M-2702-01		042-M-Z703-01		042-M-2704-01	
	ORIGINAL ID ----->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	LAB SAMPLE ID --->	950899-16		950899-17		950899-18		950899-19		950899-20		950899-21	
	ID FROM REPORT -->	040MZ62201		040MZ62301		040MZ70101		040MZ70201		040MZ70301		040MZ70401	
	SAMPLE DATE ----->	11/06/95		11/06/95		11/06/95		11/06/95		11/06/95		11/06/95	
	DATE ANALYZED --->	11/08/95		11/08/95		11/08/95		11/08/95		11/09/95		11/08/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
74-87-3	Chloromethane	13.	U	12.	U	12.	U	12.	U	12.	U	30.	
74-83-9	Bromomethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-09-2	Methylene chloride	39.	U	36.	U	40.	U	32.	U	15.	U	29.	U
67-64-1	Acetone	13.	U	12.	U	12.	U	13.	U	12.	U	25.	U
75-15-0	Carbon disulfide	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-35-4	1,1-Dichloroethene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
67-66-3	Chloroform	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
107-06-2	1,2-Dichloroethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
78-93-3	2-Butenone (MEK)	13.	U	12.	U	12.	U	12.	U	12.	U	99.	
71-55-6	1,1,1-Trichloroethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
56-23-5	Carbon tetrachloride	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-27-4	Bromodichloromthane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
78-87-5	1,2-Dichloropropane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
79-01-6	Trichloroethene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
124-48-1	Dibromochloromethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
79-00-5	1,1,2-Trichloroethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
71-43-2	Benzene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-25-2	Bromoform	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
591-78-6	2-Hexanone	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
127-18-4	Tetrechloroethene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
108-88-3	Toluene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
108-90-7	Chlorobenzene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
100-41-4	Ethylbenzene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
100-42-5	Styrene	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
1330-20-7	Xylene (Total)	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U

*** Validation Complete **f

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA															
	SAMPLE ID ------->	042-M-2705-01		042-M-2706-01		042-M-2707-01		042-M-2708-01		042-M-Z709-01		042-M-Z710-01	
	ORIGINAL ID ----->	040MZ70501		040MZ70601		040MZ70701		040MZ70801		040MZ70901		040MZ71001	
	LAB SAMPLE ID --->	950899-05		950899-06		950899-07		950899-08		950899-09		960093-13	
	ID FROM REPORT -->	040MZ70501		040MZ70601		040MZ70701		04011270801		040MZ70901		040MZ71001	
	SAMPLE DATE ----->	11/02/95		11/02/95		11/01/95		11/02/95		11/02/95		02/06/96	
	DATE ANALYZED --->	11/05/95		11/05/95		11/05/95		11/06/95		11/06/95		02/11/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ1010	VAL
74-87-3	Chloromethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
74-83-9	Bromomethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
75-09-2	Methylene chloride	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
67-64-1	Acetone	12.	U	18.	U	12.	U	12.	U	12.	U	14.	U
75-15-0	Carbon disulfide	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
67-66-3	Chloroform	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
79-01-6	Trichloroethene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
71-43-2	Benzene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
75-25-2	Bromoform	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
591-78-6	2-Hexanone	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
108-88-3	Toluene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
108-90-7	Chlorobenzene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
100-41-4	Ethylbenzene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
100-42-5	Styrene	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	12.	U	12.	U	12.	U	14.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-Z711-01		042-M-Z712-01		042-M-2713-01		042-M-2714-01		042-M-2715-01		042-H-2716-01	
	ORIGINAL ID ----->	040MZ71101		040MZ71201		040~271301		040MZ71401		040MZ71501		040MZ71601	
	LAB SAMPLE ID --->	950899-10		950899-11		950899-12		950899-03		950887-10		950887-11	
	ID FROM REPORT -->	040MZ71101		040MZ71201		040MZ71301		040MZ71401		040MZ71501		040MZ71601	
	SAMPLE DATE ----->	11/01/95		11/02/95		11/02/95		11/01/95		10/30/95		10/30/95	
	DATE ANALYZED --->	11/06/95		11/06/95		11/06/95		11/05/95		11/04/95		11/02/95	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
74-87-3	Chloromethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
74-83-9	Bromomethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	3.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
75-09-2	Methylene chloride	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
67-64-1	Acetone	13.	U	12.	U	12.	U	12.	U	11.	U	13.	U
75-15-0	Carbon disulfide	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
67-66-3	Chloroform	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
79-01-6	Trichloroethene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
71-43-2	Benzene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
75-25-2	Bromoform	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
108-10-1	4-Methyl-2-pentanone (MIBK)	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
591-78-6	2-Hexanone	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
108-88-3	Toluene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
108-90-7	Chlorobenzene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
100-41-4	Ethylbenzene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
100-42-5	Styrene	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	12.	U	12.	U	11.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-Z717-01		042-M-2718-01		042-M-Z719-01		042-M-2720-01		042-M-Z721-01		042-M-2722-01	
	ORIGINAL ID ----->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	LAB SAMPLE ID --->	950887-12		950887-13		950887-14		950887-15		950887-16		950887-17	
	ID FROM REPORT -->	040MZ71701		040MZ71801		040MZ71901		040MZ72001		040MZ72101		040MZ72201	
	SAMPLE DATE ----->	10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
	DATE ANALYZED --->	11/02/95		11/02/95		11/02/95		11/03/95		11/03/95		11/03/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
74-87-3	Chloromethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
74-83-9	Bromomethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
75-09-2	Methylene chloride	13.	U	13.	U	13.	U	29.	U	27.	U	26.	U
67-64-1	Acetone	13.	U	13.	U	13.	U	14.	U	13.	U	13.	U
75-15-0	Carbon disulfide	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
75-35-4	1,1-Dichloroethene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
75-34-3	1,1-Dichloroethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
67-66-3	Chloroform	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
107-06-2	1,2-Dichloroethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
78-93-3	2-Butanone (MEK)	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
56-23-5	Carbon tetrachloride	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
75-27-4	Bromodichloromethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
78-87-5	1,2-Dichloropropane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
79-01-6	Trichloroethene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
124-48-1	Dibromochloromethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
71-43-2	Benzene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
75-25-2	Bromoform	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
591-78-6	2-Hexanone	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
127-18-4	Tetrachloroethene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
108-88-3	Toluene	13.	U	13.	U	13.	U	1.	J	1.	J	13.	U
108-90-7	Chlorobenzene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
100-41-4	Ethylbenzene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
100-42-5	Styrene	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U
1330-20-7	Xylene (Total)	13.	U	13.	U	13.	U	12.	U	13.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-H-2723-01		042-M-2724-01		042-M-2725-01		042-H-2726-01		042-M-2727-01		042-M-2728-01	
	ORIGINAL ID ----->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	LAB SAMPLE ID --->	950887-01		950887-02		950887-03		950887-04		950887-05		950887-06	
	ID FROM REPORT -->	040MZ72301		040MZ72401		040MZ72501		040MZ72601		040MZ72701		040MZ72801	
	SAMPLE DATE ----->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	DATE ANALYZED --->	11/03/95		11/03/95		11/03/95		11/01/95		11/01/95		11/01/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
74-87-3	Chlormethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
74-83-9	Bromomethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
75-09-2	Methylene chloride	60.	U	61.	U	49.	U	14.	U	16.	U	13.	U
67-64-1	Acetone	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
75-15-0	Carbon disulfide	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
75-34-3	1,l-Dichloroethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
540-59-0	1.2-D ichloroethene (total)	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
67-66-3	Chloroform	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
10061-01-5	cis-1,3-Dichloropropen	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
79-01-6	Trichloroethene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
71-43-2	Benzene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
75-25-2	Bromoform	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
591-78-6	2-Hexanone	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
108-88-3	Toluene	1.	J	1.	J	13.	U	13.	U	13.	U	13.	U
108-90-7	ChLorobenzene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
100-41-4	Ethylbenrene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
100-42-5	Styrene	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	13.	U	13.	U	13.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-2729-01		042-M-2730-01		042-M-2731-01		042-M-2732-01		042-M-2733-01		042-M-2734-01	
	ORIGINAL ID ----->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	LAB SAMPLE ID --->	960093-14		950887-07		950887-08		950876-10		950876-11		950876-12	
	ID FROM REPORT -->	040MZ72901		040MZ73001		040MZ73101		040MZ73201		040MZ73301		040MZ73401	
	SAMPLE DATE ----->	02/06/96		10/27/95		10/27/95		10/26/95		10/26/95		10/26/95	
	DATE ANALYZED --->	02/11/96		11/03/95		11/03/95		11/01/95		11/01/95		11/01/95	
	MATRIX ---------->	Sediment		sediment		sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	MZ7230	VAL	MZ7230	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
74-87-3	Chloromethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
74-83-9	Bromomethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	13.	U	12.	U	13.	U	12.	UJ	13.	UJ	12.	UJ
75-09-2	Methylene chloride	13.	U	87.	U	92.	U	12.	U	13.	U	13.	U
67-64-1	Acetone	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
75-15-0	Carbon disulfide	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
75-35-4	1,l-Dichloroethene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
75-34-3	1,1-Dichloroethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
67-66-3	Chloroform	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
107-06-2	1,2-Dichloroethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
78-93-3	2-Butanone (MEK)	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
71-55-6	1,1,1-Trfchloroethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
56-23-5	Carbon tetrachloride	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
75-27-4	Bromodichloromethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
78-87-5	1,2-Dichloropropane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
79-01-6	Trichloroethene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
124-48-1	Dibromochloromethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
79-00-5	1,1,2-Trichloroethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
71-43-2	Benzene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
75-25-2	Bromoform	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
591-78-6	2-Hexanone	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
127-18-4	Tetrachloroethene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
108-88-3	Toluene	13.	U	1.	J	13.	U	12.	U	13.	U	12.	U
108-90-7	Chlorobenzene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
100-41-4	Ethylbenzene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
100-42-5	Styrene	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
1330-20-7	Xylene (Total)	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U

*** Validation Complete ***

VOA															
	SAMPLE ID ------->	042-W-2735-01		042-M-2736-01		042-M-2737-01		042-M-2738-01		042-M-2739-01		042-M-2740-01	
	ORIGINAL ID ----->	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	LAB SAMPLE ID --->	950876-13		950876-14		950876-15		960093-15		950876-16		950876-17	
	ID FROM REPORT -->	040MZ73501		040MZ73601		040MZ73701		040MZ73801		040MZ73901		040MZ74001	
	SAMPLE DATE ----->	10/26/95		10/26/95		10/26/95		02/06/96		10/26/95		10/26/95	
	DATE ANALYZED --->	11/01/95		10/31/95		10/31/95		02/11/96		11/01/95		10/31/95	
	MATRIX ---------->	Sediment		sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	MZ8030	VAL	MZ8030	VAL
74-87-3	Chloromethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
74-83-9	Bromomethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	13.	UJ	13.	U	13.	U	13.	U	12.	U	13.	U
75-09-2	Methylene chloride	13.	U	13.	U	13.	U	13.	U	18.	U	13.	U
67-64-1	Acetone	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
75-15-0	Carbon disulfide	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
75-35-4	1,1-Dichloroethene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
75-34-3	1,1-Dichloroethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
67-66-3	Chloroform	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
107-06-2	1,2-Dichloroethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
78-93-3	2-Butanone (MEK)	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
56-23-5	Carbon tetrachloride	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
75-27-4	Bromodichloromethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
78-87-5	1,2-Dichloropropane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
79-01-6	Trichloroethene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
124-48-1	Dibromochloromethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
71-43-2	Benzene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
75-25-2	Bromoform	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
591-78-6	2-Hexanone	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
127-18-4	Tetrachloroethene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
108-88-3	Toluene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
108-90-7	Chlorobenzene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
100-41-4	Ethylbenzene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
100-42-5	Styrene	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U
1330-20-7	Xylene (Total)	13.	U	13.	U	13.	U	13.	U	12.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA															
	SAMPLE ID ------->	042-M-Z801-01		042-M-Z802-01		042-M-2803-01		042-M-Z804-01		042-M-2805-01		042-M-Z806-01	
	ORIGINAL ID ----->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	LAB SAMPLE ID --->	950930-05		950876-18		950876-01		950876-02		950876-03		950876-04	
	ID FROM REPORT -->	040MZ80101		040MZ80201		040MZ80301		040MZ80401		040MZ80501		040MZ80601	
	SAMPLE DATE ----->	11/13/95		10/26/95		10/25/95		16/25/95		10/25/95		10/25/95	
	DATE ANALYZED --->	11/19/95		10/31/95		10/31/95		11/01/95		11/01/95		11/01/95	
	MATRIX ---------->	Sediment		Sediment		sediment		Sediment		Sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL
74-87-3	Chloromethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
74-83-9	Bromomethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
75-01-4	Vinyl chloride	5.	U	4.	U	5.	U	4.	U	9.	U	4.	U
75-00-3	Chloroethane	18.	U	13.	U	15.	UJ	12.	UJ	30.	UJ	13.	UJ
75-09-2	Methylene chloride	22.	U	13.	U	15.	U	12.	U	30.	U	13.	U
67-64-1	Acetone	46.	U	13.	U	15.	U	12.	U	120.	U	13.	U
75-15-0	Carbon disulfide	3.	J	13.	U	15.	U	12.	U	30.	U	13.	U
75-35-4	1,1-Dichloroethene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
75-34-3	1,1-Dichloroethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
67-66-3	Chloroform	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
107-06-2	1,2-Dichloroethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
78-93-3	2-Butanone (MEK)	11.	J	13.	U	15.	U	12.	U	30.	U	13.	U
71-55-6	1,1,1-Trichloroethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
56-23-5	Carbon tetrachloride	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
75-27-4	Bromodichloromethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
78-87-5	1,2-Dichloropropane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
79-01-6	Trichloroethene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
124-48-1	Dibromochloromethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
79-00-5	1,1,2-Trichloroethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
71-43-2	Benzene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
75-25-2	Bromoform	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
591-78-6	2-Hexanone	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
127-18-4	Tetrachloroethene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
108-88-3	Toluene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
108-90-7	Chlorobenzene	5.	J	13.	U	15.	U	12.	U	30.	U	13.	U
100-41-4	Ethylbenzene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
100-42-5	Styrene	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U
1330-20-7	Xylene (Total)	18.	U	13.	U	15.	U	12.	U	30.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-H-Z807-01		042-M-2808-01		042-M-Z809-01		042-M-Z810-01		042-M-Z811-01		042-H-2812-01	
	ORIGINAL ID ----->	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	LAB SAMPLE ID --->	950876-05		950876-06		950876-07		950876-08		960093-16		950865-19	
	ID FROM REPORT -->	040MZ80701		040MZ80801		040MZ80901		040MZ81001		040MZ81101		040MZ81201	
	SAMPLE DATE ----->	10/25/95		10/25/95		10/25/95		10/25/95		02/06/96		10/24/95	
	DATE ANALYZED --->	11/01/95		11/01/95		11/01/95		11/01/95		02/11/96		10/31/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ1010	VAL	EM0010	VAL
74-87-3	Chloromethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
74-83-9	Bromomethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
75-01-4	Vinyl chloride	8.	U	4.	U	4.	U	4.	U	5.	U	4.	U
75-00-3	Chloroethane	25.	UJ	15.	UJ	12.	UJ	13.	UJ	18.	U	14.	U
75-09-2	Methylene chloride	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
67-64-1	Acetone	180.	U	17.	U	12.	U	22.	U	21.	U	14.	U
75-15-0	Carbon disulfide	15.	J	15.	U	12.	U	13.	U	18.	U	14.	U
75-35-4	1,1-Dichloroethene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
75-34-3	1,1-Dichloroethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
540-59-0	1,2-Dichloroethene (total)	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
67-66-3	Chloroform	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
107-06-2	1,2-Dichloroethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
78-93-3	2-Butanone (MEK)	34.		15.	U	12.	U	13.	U	18.	U	14.	U
71-55-6	1,1,1-Trichloroethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
56-23-5	Carbon tetrachloride	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
75-27-4	Bromodichloromethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
78-87-5	1,2-Dichloropropane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
10061-01-5	cis-1,3-Dichloropropene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
79-01-6	Trichloroethene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
124-48-1	Dibromochloromethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
79-00-5	1,1,2-Trichloroethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
71-43-2	Benzene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
10061-02-6	trans-1,3-Dichloropropene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
75-25-2	Bromoform	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
591-78-6	2-Hexanone	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
127-18-4	Tetrachloroethene	25.	U	15.	U	12.	U	2.	J	18.	U	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
108-88-3	Toluene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
108-90-7	Chlorobenzene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
100-41-4	Ethylbenzene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
100-42-5	Styrene	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U
1330-20-7	Xylene (Total)	25.	U	15.	U	12.	U	13.	U	18.	U	14.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-H-2813-01		042-H-2814-01		042-M-2815-01		042-M-2816-01		042-M-2817-01		042-M-2818-01	
	ORIGINAL ID ----->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	LAB SAMPLE ID --->	950865-18		950865-17		950865-16		950865-15		950865-14		950865-13	
	ID FROM REPORT -->	040MZ81301		040MZ81401		040MZ81501		040MZ81601		040MZ81701		040MZ81801	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	DATE ANALYZED --->	10/31/95		10/31/95		11/01/95		11/02/95		11/01/95		11/02/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		sediment		sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
74-87-3	Chloromethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
74-83-9	Bromomethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
75-09-2	Methylene chloride	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
67-64-1	Acetone	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
75-15-0	Carbon disulfide	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
75-35-4	1,1-Dichloroethene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
75-34-3	1,1-Dichloroethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
540-59-0	1.2-Dichloroethene (total)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
67-66-3	Chloroform	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
107-06-2	1,2-Dichloroethane	14.	U	14.	U	14.	U	14.	U	14.	U	16.	U
78-93-3	2-Butanone (MEK)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
71-55-6	1,1,1-Trichloroethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
56-23-5	Carbon tetrachloride	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
75-27-4	Bromodichloromethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
78-87-5	1,2-Dichloropropane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
79-01-6	Trichloroethene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
124-48-1	Dibromochloromethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
79-00-5	1,1,2-Trichloroethane	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
71-43-2	Benzene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
10061-02-6	trans-1,3-Dichloropropene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
75-25-2	Bromoform	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
108-10-1	4-Methyl-2-pent anone (MIBK)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
591-78-6	2-Hexanone	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
127-18-4	Tetrachloroethene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U	14.	U	14.	U	14.	U	14.	U	16.	U
108-88-3	Toluene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
108-90-7	Chlorobenzene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
100-41-4	Ethylbenzene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
100-42-5	Styrene	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
1330-20-7	Xylene (Total)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-2819-01		042-M-2820-01 RE		042-M-Z821-01		042-M-Z822-01 RE		042-M-Z823-01		042-M-2824-01	
	ORIGINAL ID ----->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	LAB SAMPLE ID --->	950865-12		950865-11		950865-10		950865-09		950865-03		950865-04	
	ID FROM REPORT -->	040MZ81901		040MZ82001		040MZ82101		040MZ82201		040MZ82301		040MZ82401	
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95		10/24/95		10/23/95		10/23/95	
	DATE ANALYZED --->	11/02/95		11/02/95		11/02/95		10/31/95		10/31/95		10/31/95	
	MATRIX ---------->	sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	arameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
74-87-3	hloromethane	12.	U	17.	UJ	14.	U	15.		40.	U	14.	U
74-83-9	romomethane	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
75-01-4	inyl chloride	4.	U	5.	UJ	4.	U	4.	U	12.	U	4.	U
75-00-3	hloroethane	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
75-09-2	ethylene chloride	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
67-64-1	cetone	12.	U	17.	UJ	30.	U	15.	U	100.	U	14.	U
75-15-0	arbon disulfide	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
75-35-4	,1-Dichloroethene	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
75-34-!	,1-Dichloroethane	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
540-59-0	,2-Dichloroethene (total)	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
67-66-3	hloroform	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
107-06-2	,2-Dichloroethane	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
78-93-3	-Butanone (MEK)	12.	U	17.	UJ	14.	U	15.	U	40.	U	14.	U
71-55-t	,1,1-Trichloroethane	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
56-23-5	arbon tetrachloride	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
75-27-4	romodichloromethane	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
78-87-5	,2-Dichloropropane	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
10061-01-5	is-1,3-Dichloropropene	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
79-01-6	richloroethene	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
124-48-1	ibromochloromethane	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
79-00-5	,1,2-Trichloroethane	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
71-43-2	enzene	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
10061-02-6	rans-1,3-Dichloropropene	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
75-25-2	romoform	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
108-10-1	-Methyl-2-Pentanone (MIBK)	12.	U	17.	U	14.	U	15.	U	40.	U	14.	U
591-78-6	-Hexanone	12.	U	17.	UJ	14.	U	15.	UJ	40.	U	14.	U
127-18-4	etrachloroethene	12.	U	17.	UJ	14.	U	15.	UJ	40.	U	14.	U
79-34-5	,1,2,2-Tetrachloroethane	12.	U	17.	UJ	14.	U	15.	UJ	40.	U	14.	U
108-88-3	oluene	12.	U	17.	UJ	3.	J	15.	UJ	40.	U	14.	U
108-90-7	hLorobenzene	12.	U	17.	UJ	14.	U	15.	UJ	40.	U	14.	U
100-41-4	thylbenzene	12.	U	17.	UJ	14.	U	15.	UJ	40.	U	14.	U
100-42-5	tyrcnc	12.	U	17.	UJ	14.	U	15.	UJ	40.	U	14.	U
1330-20-7	ylene (Total)	12.	U	17.	UJ	14.	U	15.	UJ	40.	U	14.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA													
	SAMPLE ID ------->	042-M-2825-01		042-M-2826-01		042-M-2827-01		042-M-2901-01		042-M-2902-01		042-M-2903-01	
	ORIGINAL ID ----->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	LAB SAMPLE ID --->	950865-05		950865-06		950865-07		960107-01		950930-06		950930-07	
	ID FROM REPORT -->	040MZ82501		040MZ82601		040MZ82701		040MZ90101		040MZ90201		040MZ90301	
	SAMPLE DATE ----->	10/23/95		10/23/95		10/23/95		02/09/96		11/13/95		11/15/95	
	DATE ANALYZED --->	10/31/95		10/31/95		10/31/95		02/13/96		11/19/95		11/16/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	MZ9010	VAL	241901	VAL	241901	VAL
74-87-3	Chloromethane	14.	U	59.	U	50.	U	18.	U	16.	U	5.	J
74-83-9	Bromomethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
75-01-4	Vinyl chloride	4.	U	18.	U	15.	U	5.	U	5.	U	4.	U
75-00-3	Chloroethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	UJ
75-09-2	Methylene chloride	14.	U	59.	U	50.	U	18.	U	16.	U	15.	U
67-64-1	Acetone	14.	U	59.	U	50.	U	18.	U	41.	U	15.	U
75-15-0	Carbon disulfide	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
75-35-4	1,1-Dichloroethene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
75-34-3	1,1-Dichloroethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
67-66-3	Chloroform	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
107-06-2	1,2-Dichloroethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
78-93-3	2-Butanone (MEK)	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
71-55-6	1,1,1-Trichloroethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
56-23-5	Carbon tetrachloride	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
75-27-4	Bromodichloromethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
78-87-5	1,2-Dichloropropane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
79-01-6	Trichloroethene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
124-48-1	Dibromochloromethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
79-00-5	1,1,2-Trichloroethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
71-43-2	Benzene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
75-25-2	Bromoform	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
591-78-6	2-Hexanone	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
127-18-4	Tetrachloroethene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
108-88-3	Toluene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
108-90-7	Chlorobenzene	14.	U	59.	U	50.	U	18.	U	2.	J	12.	U
100-41-4	Ethylbenzene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
100-42-5	Styrene	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U
1330-20-7	Xylene (Total)	14.	U	59.	U	50.	U	18.	U	16.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
primary samples

VOA										
	SAMPLE ID ------->	042-M-2904-01		042-M-2905-01		042-M-2906-01				
	ORIGINAL ID ----->	040MZ90401		040MZ90501		040MZ90601				
	LAB SAMPLE ID --->	950930-08		950930-09		950930-10				
	ID FROM REPORT -->	040MZ90401		040MZ90501		040MZ90601				
	SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95				
	DATE ANALYZED --->	11/19/95		11/20/95		11/18/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL			
74-87-3	Chloromethane	13.	U	12.	U	20.	U			
74-83-9	Bromomethane	13.	U	12.	U	20.	U			
75-01-4	Vinyl chloride	4.	U	4.	U	6.	U			
75-00-3	Chloroethane	13.	U	12.	U	20.	U			
75-09-2	Methylene chloride	13.	U	24.	U	20.	U			
67-64-1	Acetone	13.	U	14.	U	20.	U			
75-15-0	Carbon disulfide	13.	U	12.	U	20.	U			
75-35-4	1,1-Dichloroethene	13.	U	12.	U	20.	U			
75-34-3	1,1-Dichloroethane	13.	U	12.	U	20.	U			
540-59-0	1,2-Dichloroethene (total)	13.	U	12.	U	20.	U			
67-66-3	Chloroform	13.	U	12.	U	20.	U			
107-06-2	1,2-Dichloroethane	13.	U	12.	U	20.	U			
78-93-3	2-Eutanone (MEK)	13.	U	12.	U	20.	U			
71-55-6	1,1,1-Trichloroethane	13.	U	12.	U	20.	U			
56-23-5	Carbon tetrachloride	13.	U	12.	U	20.	U			
75-27-4	Bromodichloromethane	13.	U	12.	U	20.	U			
78-87-5	1,2-Dichloropropane	13.	U	12.	U	20.	U			
10061-01-5	cis-1,3-Dichloropropene	13.	U	12.	U	20.	U			
79-01-6	Trichloroethene	13.	U	12.	U	20.	U			
124-48-1	Dibromochloromethane	13.	U	12.	U	20.	U			
79-00-5	1,1,2-Trichloroethane	13.	U	12.	U	20.	U			
71-43-2	Benzene	13.	U	12.	U	20.	U			
10061-02-6	trans-1,3-Dichloropropene	13.	U	12.	U	20.	U			
75-25-2	Bromoform	13.	U	12.	U	20.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	12.	U	20.	U			
591-78-6	2-Hexenone	13.	U	12.	U	20.	U			
127-18-4	Tetrachloroethene	13.	U	12.	U	20.	U			
79-34-5	1,1,2,2-Tetrachloroethane	13.	U	12.	U	20.	U			
108-88-3	Toluene	13.	U	12.	U	20.	U			
108-90-7	Chlorobenzene	13.	U	12.	U	20.	U			
100-41-4	Ethylbenzene	13.	U	12.	U	20.	U			
100-42-5	Styrene	13.	U	12.	U	20.	U			
1330-20-7	Xylene (Total)	13.	U	12.	U	20.	U			

*** Validation Complete ***

Appendix C
QA/QC Data

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

% SOLID	SAMPLE ID ------->	042-M-2513-01	042-N-Z530-01	042-M-2537-01	042-M-Z541-01	042-M-Z613-01	042-M-Z618-01
	ORIGINAL ID ----->	040MZ51301	0401253001	040MZ53701	040MZ54101	040MZ61301	040MZ61801
	LAB SAMPLE ID --->	960182-08	951021-20	960183-03	960183-20	960183-12	960183-13
	ID FROM REPORT -->	040MZ51301	040NZ53001	040MZ53701	040MZ54101	040MZ61301	040MZ61801
	SAMPLE DATE ----->	01/10/96	12/07/95	11/28/95	11/14/95	11/08/95	11/08/95
	DATE EXTRACTED -->	03/22/96	01/16/96	03/27/96	03/27/96	03/27/96	03/27/96
	DATE ANALYZED --->	04/11/96	01/18/96	04/11/96	04/11/96	04/11/96	04/11/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS 1	Parameter	213601	EM0050	230201	230201	Z30201	230201
999000-58-1	SOLIDS	81.9 R	80.6	83.2	86.6 R	62.8 R	65.3 R

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

% SOLID	SAMPLE ID ------->	042-M-2620-01	042-N-2622-01	042-M-Z714-01	042-N-Z720-01	042-M-Z735-01	042-N-Z739-01
	ORIGINAL ID ----->	040MZ62001	040NZ62201	040MZ71401	040NZ72001	040MZ73501	040NZ73901
	LAB SAMPLE ID --->	960183-14	950899-22	960183-15	950887-18	960183-17	950876-19
	ID FROM REPORT -->	040MZ62001	040NZ62201	040MZ71401	040NZ72001	040MZ73501	040NZ73901
	SAMPLE DATE ----->	11/06/95	11/06/95	11/01/95	10/30/95	10/26/95	10/26/95
	DATE EXTRACTED -->	03/27/96	12/04/95	03/27/96	12/01/95	03/27/96	11/13/95
	DATE ANALYZED --->	04/11/96	12/05/95	04/11/96	12/02/95	04/11/96	11/22/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	arameter	230201	040EM0	230201	MZ7230	230201	MZ8030
999000-58-8	OLIDS	81. R	49.9	84.6 R	78.	82.1 R	77.4

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

% SOLID							
	SAMPLE ID ------->	042-M-Z807-01	042-M-Z812-01	042-M-2821-01	042-M-2906-01		
	ORIGINAL ID ----->	040MZ80701	040MZ81201	040MZ82101	040MZ90601		
	LAB SAMPLE ID --->	960183-16	960183-19	960183-18	960183-10		
	ID FROM REPORT -->	040MZ80701	040MZ81201	040MZ82101	040MZ90601		
	SAMPLE DATE ----->	10/25/95	10/24/95	10/24/95	11/13/95		
	DATE EXTRACTED -->	03/27/96	03/27/96	03/27/96	03/27/96		
	DATE ANALYZED --->	04/11/96	04/ 11/96	04/11/96	04/11/96		
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment		
	UNITS ---------->	%	%	%	%		
CAS #	Parameter	230201	230201	230201	230201		
999000-58-8	SOLIDS	43.8	71.3 R	71.4 R	52.6		

PENSACOLA, SITE 42
PBNSACOLA, SITE 42, PHASE II
QA/QC Data

HARDNESS	SAMPLE ID ------->	PBW-2-0000-00					
	ORIGINAL ID ----->	PBU					
	LAB SAMPLE ID --->	PBW					
	ID FROM REPORT -->	PBU					
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	01/22/96					
	DATE ANALYZED --->	01/16/96					
	MATRIX ---------->	Uater					
	UNITS ---------->	MG/L					
CAS #	'arameter	EM0050					
9999900-03-3	lerdness as CaCO3	2. U					

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

LOWSVOA									
	SAMPLE ID ------->	040-E-MOOS-01		040-F-MOOS-01					
	ORIGINAL ID ----->	040EM00501		040FM00501					
	LAB SAMPLE ID --->	951021-01		951021-02					
	ID FROM REPORT -->	040EM00501		040FM00501					
	SAMPLE DATE ----->	12/06/95		12/06/95					
	DATE EXTRACTED -->	12/13/95		12/13/95					
	DATE ANALYZED --->	12/22/95		12/22/95					
	MATRIX ---------->	Uater		Uater					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EM0050	VAL	EM0050	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (a-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Mitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichloropheno1	20.	U	20.	U				
91-58-7	2-Chloronaphthalenc	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethyl phthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Mitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chloropheny1phenylether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

LOWSVOA

	SAMPLE ID ------->	040-E-M005-01		040-F-M005-01					
	ORIGINAL ID ----->	040EM00501		040FM00501					
	LAB SAMPLE ID --->	951021-01		951021-02					
	ID FROM REPORT -->	040EM00501		040FM00501					
	SAMPLE DATE ----->	12/06/95		12/06/95					
	DATE EXTRACTED -->	12/13/95		12/13/95					
	DATE ANALYZED --->	12/22/95		12/22/95					
	MATRIX ---------->	water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EM0050	VAL	EM0050	VAL				
86-73-7	Fluorene	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U				
87-86-5	Pentachloropheno1	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	5.	U	5.	U				
206-44-0	Fluoranthene	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U				
85-68-7	Butylbenzylphtha1ate	5.	U	5.	U				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U				
56-55-3	Benzo(a)anthracene	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U				
117-84-0	Di-n-octyl phthalate	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U				
53-70-3	Dibenr(a,h)anthracene	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

LOWVOA											
	SAMPLE ID ------->	040-E-M005-01		040-F-M005-01		040-T-M017-01		040-T-M023-01		040-T-M024-01	
	ORIGINAL ID ----->	040EM00501		040FM00501		040TM01701		040TM02301		040TM02401	
	LAB SAMPLE ID --->	951021-01		951021-02		950983-07		951029-08		951029-14	
	ID FROM REPORT -->	040EM00501		040FM00501		040TM01701		040TM02301		040TM02401	
	SAMPLE DATE ----->	12/06/95		12/06/95		11/28/95		12/07/95		12/11/95	
	DATE ANALYZED --->	12/12/95		12/11/95		12/04/95		12/13/95		12/17/95	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0050	VAL	EM0050	VAL	253301	VAL	EW0010	VAL	EW0010	VAL
74-87-3	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U
74-83-9	Bromomethane	1.	U	1.	U	1.	U	1.	U		
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	1.	U
75-00-3	Chloroethane	1.	U	1.	U	1.	U	1.	U	1.	U
75-09-2	Methylene chloride	4.	B	4.		4.		8.		2.	U
67-64-1	ketone	23.	B	11.	B	8.	B	19.		25.	
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U
75-35-4	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U
75-34-3	1,1-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U
67-66-3	Chloroform	1.	U	1.	U	1.	U	1.	U	1.	U
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U
78-93-3	2-Butanone (MEK)	5.	U	5.	U	5.	U	5.	U	5.	U
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U
56-23-5	Carbon tetrachloride	1.	U	1.	U	1.	U	1.	U	1.	U
75-27-4	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U	1.	U
78-87-5	1,2-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U
79-01-6	Trichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U
71-43-2	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U		
75-25-2	Bromoform	1.	U	1.	U	1.	U	1.	U	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U	1.	U	1.	U	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	5.	U	5.	U	5.	U	5.	U	5.	U
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U	1.	U
108-88-3	Toluene	1.	U	1.	U	1.	U	1.	U	1.	U
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U
100-42-5	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U
1330-20-7	Xylene (Total)	1.	U	1.	U	1.	U			1.	U
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

LOWVOA												
	SAMPLE ID ------->	040-E-M005-01		040-F-M005-01		040-t-M017-01		040-T-M023-01		040-T-M024-01		
	ORIGINAL ID ----->	040EM00501		040FM00501		040TM01701		040TM02301		040TM02401		
	LAB SAMPLE ID --->	951021-01		951021-02		950983-07		951029-08		951029-14		
	ID FROM REPORT -->	040EM00501		040FM00501		040TM01701		040TM02301		040TM02401		
	SAMPLE DATE ----->	12/06/95		12/06/95		11/28/95		12/07/95		12/11/95		
	DATE ANALYZED --->	12/12/95		12/11/95		12/04/95		12/13/95		12/17/95		
	MATRIX ---------->	Water		Water		Water		Uater		Water		
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter	EM0050	VAL	EM0050	VAL	253301	VAL	EW0010	VAL	EW0010	VAL	
95-50-1	1,2-Dichlorobenzene	1.	u	1.	u	1.	u	1.	u	1.	u	
74-97-5	Chlorobromomethane	1.	u	1.	u	1.	u	1.	u	1.	u	
106-93-4	1,2-Dibromoethane	1.	u	1.	u	1.	u	1.	u	1.	u	

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

		040-E-M001-01 040EM00101 950865-01 040EM00101 10/23/95 11/03/95 11/16/95 Uater UG/L		040-F -M001-01 040FM00101 950865-02 040FM00101 10/23/95 11/03/95 11/16/95 Water UG/L		040-E-H002-01 040EM00201 950899-01 040EM00201 11/01/95 12/04/95 12/05/95 Water UG/L		040-F-M002-01 040FM00201 950899-02 040FM00201 11/01/95 12/04/95 12/05/95 Water UG/L		040-E-M003-01 040EM00301 950922-18 040EM00301 11/10/95 12/05/95 12/05/95 Uater UG/L		040-F-M003-01 040FM00301 950922-19 040FM00301 11/10/95 12/05/95 12/05/95 Water UG/L	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	040EM0	VAL	040EM0	VAL	261101	VAL	261101	VAL
7429-90-5	Aluminum (Al)	36.1	J	18.	U	18.	U	18.	U	40.8	J	18.	U
7440-36-0	Antimony (Sb)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7440-38-2	Arsenic (As)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7440-39-3	Barium (Ba)	3.8	J	1.7	J	1.8	J	1.7	J	3.7	J	1.	U
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-70-2	Calcium (Ca)	511.	J	221.	J	105.	J	283.	J	121.	J	11.	U
7440-47-3	Chromium (Cr)	8.	U	8.	U	8.	U	8.	U	8.	U	8.	U
7440-48-4	Cobalt (Co)	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-50-8	Copper (Cu)	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
57-12-5	Cyanide (CN)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7439-89-6	Iron (Fe)	3.	U	3.	U	14.6	J	3.	U	7.5	J	9.8	J
7439-92-1	Lead (Pb)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7439-95-4	Magnesium (Mg)	44.3	J	33.	U	33.	U	33.	U	33.	U	33.	U
7439-96-5	Manganese (Mn)	1.	U	1.	U	1.	U	1.	U	2.	J	1.	U
7439-97-6	Mercury (Hg)	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
7440-02-0	Nickel (Ni)	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
7440-09-7	Potassium (K)	100.	J	96.	U	96.	U	96.	U	189.	J	126.	J
7782-49-2	Selenium (Se)	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-22-4	SiLver (Ag)	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
7440-23-5	Sodium (Na)	140.	J	116.	J	39.	U	39.	U	65.	J	47.1	J
7440-28-0	Thallium (Tl)	6.2	J	5.	J	3.	U	3.	U	3.3	J	3.	U
7440-62-2	Vanadiun (V)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7440-66-6	Zinc (Zn)	56	J	14.	J	4.6	J	5.8	J	3.	U	3.1	J

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

METAL															
	SAMPLE ID ------->	040-E-M005-01		040-F-M005-01		040-E-M008-01		040-F-M008-01		040-E-Moll-01		040-F-Moll-01	
	ORIGINAL ID ----->	040EM00501		040FM00501		040EM00801		040FM00801		040EM01101		040FM01101	
	LAB SAMPLE ID --->	951021-01		951021-02		960010-09		960010-10		960093-18		960093-19	
	ID FROM REPORT -->	040EM00501		040FM00501		040EM00801		040FM00801		040EM01101		040FM01101	
	SAMPLE DATE ----->	12/06/95		12/06/95		01/11/96		01/11/96		02/08/96		02/08/96	
	DATE EXTRACTED -->	01/16/96		01/16/96		01/14/96		01/14/96		02/14/96		02/14/96	
	DATE ANALYZED --->	01/18/96		01/18/96		01/15/96		01/15/96		02/16/96		02/16/96	
	MATRIX ---------->	Water		Water		Uater		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0050	VAL	EM0050	VAL	250801	VAL	250801	VAL	MZ1010	VAL	MZ1010	VAL
7429-90-5	Aluminum (Al)	19.7	J	32.	J	164.	B	35.7	B	22.2	B	19.	U
7440-36-0	Antimony (Sb)	26	J	2.	U	2.	U	2.	U	2.	UW	2.	U
7440-38-2	Arsenic (As)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7440-39-3	Barium (Ba)	24	J	3.3	J	2.5	B	2.	B	6.	B	3.8	B
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	3.	U	3.	U	3.	U	3.	U	2.	U	2.	U
7440-70-2	Calcium (Ca)	174.	J	16.6	J	72.3	B	50.9	B	169.	B	137.	B
7440-47-3	Chromium (Cr)	8.	U	8.	U	8.	U	8.	U	5.	U	5.	U
7440-48-4	Cobalt (Co)	3.	U	3.	U	3.	U	3.	U	2.	U	3.9	B
7440-50-8	Copper (Cu)	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
57-12-5	Cyanide (CN)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7439-89-6	Iron (Fe)	10.6	J	31.6	J	42.7	B	7.7	B	17.2	B	16.5	B
7439-92-1	Lead (Pb)	1.	U	1.	U	1.	U	1.	U	2.	U	2.	U
7439-95-4	Magnesium (Mg)	33.	U	33.	U	33.	U	33.	U	20.	U	20.	U
7439-96-5	Manganese (Mn)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7439-97-6	Mercury (Hg)	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
7440-02-0	Nickel (Ni)	12.	U	12.	U	12.	U	12.	U	9.	U	9.	U
7440-09-7	Potassium (K)	96.	U	96.	U	96.	U	96.	U	116.	U	116.	U
7782-49-2	Selenium (Se)	3.	U	3.	U	3.	U	3.	U	4.	U	4.	U
7440-22-4	Silver (Ag)	4.	U	4.	U	4.	U	4.	U	5.	U	5.	U
7440-23-5	Sodium (Na)	39.	U	39.	U	39.	U	39.	U	39.7	B	60.7	0
7440-28-0	Thallium (Tl)	3.	U	3.	U	3.	U	3.4	B	4.	U	4.	U
7440-62-2	Vanadium (V)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7440-66-6	Zinc (Zn)	3.	U	34.		5.2	B	3.	U	8.	B	4.	U

*** Validation Complete *+*

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

METAL											
	SAMPLE ID ------->	042-N-2530-01		042-N-2622-01		042-N-2720-01		042-N-2739-01			
	ORIGINAL ID ----->	040NZ53001		040NZ62201		040NZ72001		040NZ73901			
	LAB SAMPLE ID --->	951021-20		950899-22		950887-18		950876-19			
	ID FROM REPORT -->	040NZ53001		040NZ62201		040NZ72001		040NZ73901			
	SAMPLE DATE ----->	12/07/95		11/06/95		10/30/95		10/26/95			
	DATE EXTRACTED -->	01/16/96		12/04/95		12/01/95		11/13/95			
	DATE ANALYZED --->	01/18/96		12/05/95		12/02/95		11/22/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	EM0050	VAL	WOEHO	VAL	MZ7230	VAL	MZ8030	VAL		
7429-90-5	Aluminum (Al)	112.		894.		28.9		25.1			
7440-36-0	Antimony (Sb)	1.2	UJ	0.2	UR	0.12	UR	0.66	UJ		
7440-38-2	Arsenic (As)	0.23	J	15		0.29	J	0.13	U		
7440-39-3	Barium (Ba)	0.48	J	1.8	J	0.33	J	0.2	J		
7440-41-7	Beryllium (Be)	0.06	U	0.1	U	0.06	U	0.07	U		
7440-43-9	Cadmium (Cd)	0.19	U	0.3	U	0.18	U	0.2	U		
7440-70-2	Calciun (Ca)	2020.	J	6790.		123.	J	79.1	J		
7440-47-3	Chromium (Cr)	0.51	UJ	3.5		0.48	U	0.53	U		
7440-48-4	Cobalt (Co)	0.19	U	0.3	U	0.18	U	0.2	U		
7440-50-8	Copper (Cu)	0.26	UJ	2.	J	0.28	J	0.35	J		
57-12-5	Cyanide (CN)	0.62	U	0.99	U	0.63	U	0.62	U		
7439-89-6	Iron (Fe)	135.		1730.		40.		27.4			
7439-92-1	Lead (Pb)	0.4		3.7		0.14	U	0.4	U		
7439-95-4	Magnesium (Mg)	272.	J	906.		204.	J	210.	J		
7439-96-5	Manganese (Mn)	0.9	J	27.		0.33	J	0.34	J		
7439-97-6	Mercury (Hg)	0.05	U	0.09	U	0.06	U	0.07	J		
7440-02-0	Nickel (Ni)	0.77	U	1.4	J	0.72	U	0.8	U		
7440-09-7	Potassium (K)	101.	J	249.	J	75.1	J	69.4	J		
7782-49-2	Selenium (Se)	0.19	U	0.3	U	0.18	U	0.2	U		
7440-22-4	Silver (Ag)	0.27	J	0.4	U	0.24	U	0.26	U		
7440-23-5	Sodium (Na)	1830.		3650.		1550.		1680.			
7440-28-0	Thelliun (Tl)	0.19	U	0.3	U	0.18	UJ	0.2	U		
7440-62-2	Vanadiun (V)	0.37	J	3.1	J	0.18	J	0.25	J		
7440-66-6	Zinc (Zn)	0.67	J	7.1	J	0.46	J	0.41	U		

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

PEST													
	SAMPLE ID ------->	040-E-M001-01		040-F-M001-01		D40-E-M002-01		040-F-M002-01		040-E-M003-01		040-F-M003-01	
	ORIGINAL ID ----->	040EM00101		040FM00101		040EM00201		040FM00201		040EM00301		040FM00301	
	LAB SAMPLE ID --->	950865-01		950865-02		950899-01		950899-02		950922-18		950922-19	
	ID FROM REPORT -->	040EM00101		040FM00101		040EM00201		040FM00201		040EM00301		040FM00301	
	SAMPLE DATE ----->	10/23/95		10/23/95		11/01/95		11/01/95		11/10/95		11/10/95	
	DATE EXTRACTED -->	10/26/95		10/26/95		11/07/95		11/07/95		11/15/95		11/15/95	
	DATE ANALYZED --->	11/25/95		11/25/95		12/01/95		11/30/95		12/02/95		12/02/95	
	MATRIX ---------->	Uater		Water		dater		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		JG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	040EM0	VAL	040EM0	VAL	261101	VAL	261101	VAL
319-84-6	alpha-EHC	0.05	UJ	0.05	UJ	0.005	UJ	0.005	UJ	0.05	UJ	0.05	UJ
319-85-7	beta-BHC	0.05	UJ	0.05	U	0.005	U	0.005	U	0.05	U	0.05	U
319-86-8	delta-EHC	0.05	U	0.05	UJ	0.005	UJ	0.005	UJ	0.05	UJ	0.05	UJ
58-89-9	gamma-BHC (Lindane)	0.05	UJ	0.05	U	0.005	U	0.005	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.005	U	0.005	U	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.00s	U	0.005	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.005	U	0.005	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.005	U	0.005	U	0.05	U	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
72-54-8	4,4'-DDO	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U		
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
72-43-5	Methoxychlor	0.5	U	0.5	U	0.05	U	0.05	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.01	U	0.01	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.005	U	0.005	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.0036	J	0.005	U	0.05	U	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U	0.5	U	0.5	U	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	0.1	U	0.1	U	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	0.2	U	0.2	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	0.1	U	0.1	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	0.1	U	0.1	U	1.	U	0.58	JP
12672-29-6	Aroclor-1248	1.	U	1.	U	0.1	U	0.1	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	0.1	U	0.1	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	0.1	U	0.1	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

PEST													
	SAMPLE ID ------->	040-E-M005-01		040-F-M005-01		040-E-M008-01		040-F-M008-01		040-E-M011-01		040-F-M011-01	
	ORIGINAL ID ----->	040EM00501		040FM00501		040EM00801		040FM00801		040EM01101		040FM01101	
	LAB SAMPLE ID --->	951021-01		951021-02		960010-09		960010-10		960093-18		960093-19	
	ID FROM REPORT -->	040EM00501		040FM00501		040EM00801		040FM00801		040EM01101		040FM01101	
	SAMPLE DATE ----->	12/06/95		12/06/95		01/11/96		01/11/96		02/08/96		02/08/96	
	DATE EXTRACTED -->	12/11/96		12/11/96		01/13/96		01/13/96		02/12/96		02/12/96	
	DATE ANALYZED --->	01/24/96		01/24/96		01/30/96		01/30/96		03/11/96		03/11/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0050	VAL	EM0050	VAL	Z50801	VAL	Z50801	VAL	MZ1010	VAL	MZ1010	VAL
319-84-6	alpha-BHC	0.05	UJ	0.05	UJ	0.05	U	0.05	U	0.005	U	0.005	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.05	U	0.05	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.005	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	0.5	U	0.5	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	0.1	U	0.1	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	0.2	U	0.2	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	0.1	U	0.1	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	0.1	U	0.1	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	0.1	U	0.1	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	0.1	U	0.1	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	0.1	U	0.1	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

PEST											
	SAMPLE ID ------->	042-N-2530-01		042-N-2622-01		042-N-2720-01		042-N-2739-01			
	ORIGINAL ID ----->	0401253001		040NZ62201		040NZ72001		040NZ73901			
	LAB SAMPLE ID --->	951021-20		950899-22		950887-18		950876-19			
	ID FROM REPORT -->	0401253001		040NZ62201		040NZ72001		040NZ73901			
	SAMPLE DATE ----->	12/07/95		11/06/95		10/30/95		10/26/95			
	DATE EXTRACTED -->	12f12/96		11/09/95		11/07/95		11/06/95			
	DATE ANALYZED --->	01/24/96		12/01/95		11/27/95		11/30/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	EM0050	VAL	040EM0	VAL	MZ7230	VAL	MZ8030	VAL		
319-84-6	alpha-BHC	0.1	UJ	3.9	J	0.11	UJ	0.11	UJ		
319-85-7	beta-BHC	0.1	U	0.11	U	0.11	U	0.11	U		
319-86-8	delta-BHC	0.1	U	0.11	UJ	0.11	UJ	0.11	UJ		
58-89-9	gamma-BHC (Lindane)	0.1	U	1.6	J	0.22	J	0.11	U		
76-44-8	Heptachlor	0.1	U	0.11	U	0.11	U	0.11	U		
309-00-2	Aldrin	0.1	U	0.13	J	0.11	U	0.11	U		
1024-57-3	Heptachlor epoxide	0.1	U	0.11	U	0.11	U	0.11	U		
959-98-8	Endosulfan I	0.1	U	0.11	U	0.5	J	0.12	J		
60-57-1	Dieldrin	0.21	U	0.21	U	0.22	U	0.22	U		
72-55-9	4,4'-DDE	0.21	U	0.21	U	0.22	U	0.22	U		
72-20-8	Endrin	0.21	U	2.6		0.22	U	0.22	U		
33213-65-9	Endosulfan II	0.21	U	0.74	J	0.22	U	0.22	U		
72-54-8	4,4'-DDD	0.21	U	0.21	U	0.22	U	0.22	U		
1031-07-8	Endosulfan sulfate	0.21	U	0.21	U	0.22	U	0.22	U		
50-29-3	4,4'-DDT	0.21	U	0.21	U	0.22	U	0.22	U		
72-43-5	Methoxychlor	1.	U	1.1	U	1.1	U	1.1	U		
53494-70-5	Endrin ketone	0.21	U	0.21	U	0.22	U	0.22	U		
7421-93-4	Endrin aldehyde	0.21	U	0.21	U	0.29	J	0.22	U		
5103-71-9	alpha-Chlordane	0.21	J	0.11	U	0.11	U	0.11	U		
5103-74-2	gamma-Chlordane	0.1	U	0.11	U	0.11	U	0.11	U		
8001-35-2	Toxaphene	10.	U	11.	U	11.	U	11.	U		
12674-11-2	Aroclor-1016	2.1	U	2.1	U	2.2	U	2.2	U		
11104-28-2	Aroclor-1221	4.1	U	4.1	U	4.3	U	4.3	U		
11141-16-5	Aroclor-1232	2.1	U	2.1	U	2.2	U	2.2	U		
53469-21-9	Aroclor-1242	2.1	U	2.1	U	2.2	U	2.2	U		
12672-29-6	Aroclor-1248	2.1	U	2.1	U	22	U	2.2	U		
11097-69-1	Aroclor-1254	2.1	U	2.1	U	2.2	U	2.2	U		
11096-82-5	Aroclor-1260	2.1	U	2.1	U	22	U	2.2	U		

*** Validation Complete ***

SVOA															
	SAMPLE ID ------->	040-E-M001-01		040-F-M001-01		040-E-M002-01		040-F-M002-01		040-E-M003-01		D40-F-M003-01 RE	
	ORIGINAL ID ----->	040EM00101		040FM00101		040EM00201		040FM00201		040EM00301		040FM00301	
	LAB SAMPLE ID --->	950865-01		950865-02		950899-01		950899-02		950922-18		940922-19	
	ID FROM REWRT -->	040EM00101		040FM00101		040EM00201		040FM00201		040EM00301		D40FM00301	
	SAMPLE DATE ----->	10/23/95		10/23/95		11/01195		11/01195		11/10/95		11/10/95	
	DATE EXTRACTED -->	10f 26/95		10f 26/95		11/06/95		11/06/95		11/14/95		11/14/95	
	DATE ANALYZED --->	10/27/95		10127195		11/11195		11/12/95		11/21/95		11/21/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	040EM0	VAL	040EM0	VAL	Z61101	VAL	261101	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U	1	U	1.	U	1	U	1.	U
95-57-8	2-Ch1orophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobentene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (0-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylpheno1 (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dich1orophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphtha1ene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
77-47-4	Hexach1orocyclopentrdiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	1.	U	1.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
83-32-9	Acenaphthene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
100-02-7	4-11trophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

SVOA															
	SAMPLE ID ------->	040-E-M001-01		040-F-M001-01		040-E-M002-01		040-F-M002-01		040-E-14003-01		040-F-H003-01 RE	
	ORIGINAL ID ----->	040EM00101		040FM00101		040EM00201		040FM00201		040EM00301		D40FM00301	
	LAB SAMPLE ID --->	950865-01		950865-02		950899-01		950899-02		950922-18		940922-19	
	ID FROM REPORT -->	040EM00101		040FM00101		040EM00201		040FM00201		040EM00301		040FM00301	
	SAMPLE DATE ----->	10/23/95		10/23/95		11/01/95		11/01/95		11/10/95		11/10/95	
	DATE EXTRACTED -->	10/26/95		10/26/95		11/06/95		11/06/95		11/14/95		11/14/95	
	DATE ANALYZED --->	10/27/95		10/27/95		11/11/95		11/12/95		11/21/95		11/21/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	040EM0	VAL	040EM0	VAL	261101	VAL	261101	VAL
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-01-6	4-Nitroaniline	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
85-01-8	Phenanthrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
120-12-7	Anthracene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
86-74-8	Carbazole	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrcne	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	UJ	10.	UJ	10.	UJ
56-55-3	Benzo(a)anthracene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
218-01-9	Chrysene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	UJ	10.	UJ	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	UJ	10.	UJ	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
50-32-8	Benzo(a)pyrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

SVOA													
	SAMPLE ID ------->	040-E-M008-01		040-F-M008-01		040-E-Moll-01		040-F-Moll-01		042-N-2530-01		042-N-2622-01	
	ORIGINAL ID ----->	040EM00801		040FM00801		040EM01101		040FM01101		040N253001		040NZ62201	
	LAB SAMPLE ID --->	960010-09		960010-10		960093-18		960093-19		951021-20		950899-22	
	ID FROM REPORT -->	040EM00801		040FM00801		040EM01101		040FM01101		040NZ53001		040NZ62201	
	SAMPLE DATE ----->	01/11/96		01/11/96		02/08/96		02/08/96		12/07/95		11/06/95	
	DATE EXTRACTED -->	01/13/96		01/13/96		02/10/96		02/10/96		12/12/95		11/09/95	
	DATE ANALYZED --->	01/18/96		01/18/96		02/14/96		02/14/96		12/28/95		11/19/95	
	MATRIX ---------->	Uater		Uater		Water		Water		sediment		Sediment	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/KG		UG/KG	
CAS #	Parameter	250801	VAL	250801	VAL	MZ1010	VAL	MZ1010	VAL	EM0050	VAL	040EM0	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U	1.	U	1.	U	40.	U	41.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
95-48-7	2-Methylphenol (0-Cresol)	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	1.	U	1.	U	1.	U	1.	U	40.	U	41.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
120-83-2	2,4-Dichloropheno1	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
91-20-3	Naphthalene	1.	U	1.	U	1.	U	1.	U	40.	U	41.	U
106-47-8	4-ChloroaniLine	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
91-57-6	2-Methylnaphthalene	1.	U	1.	U	1.	U	1.	U	40.	U	39.	J
77-47-4	Hexach1orocyc 1opentad iene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U	980.	U	1000.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
88-74-4	2-Nitroanitine	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
208-96-8	Acenaphthylene	1.	U	1.	U	1.	U	1.	U	40.	U	52.	J
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
99-09-2	3-Nitroaniline	25.	U	25.	U	25.	U	25.	U	980.	U	1000.	U
83-32-9	Acenaphthene	0.5	U	0.5	U	0.5	U	0.5	U	20.	U	38.	
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	980.	U	1000.	U
100-02-7	4-Nitrophenol	25.	U	25.	U	25.	U	25.	U	980.	U	1000.	U
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	400.	U	26.	J

*** Validation Complete *+*

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

SVOA															
	SAMPLE ID ------->	040-E-M008-01		040-F-M008-01		040-E-M011-01		040-f-Moll-01		042-N-2530-01		042-N-2622-01	
	ORIGINAL ID ----->	040EM00801		040FM00801		040EM01101		040FM01101		040NZ53001		040NZ62201	
	LAB SAMPLE ID --->	960010-09		960010-10		960093-18		960093-19		951021-20		950899-22	
	ID FROM REPORT -->	040EM00801		040FM00801		040EM01101		040FM01101		040NZ53001		0401262201	
	SAMPLE DATE ----->	01/11/96		01/11/96		02/08/96		02/08/96		12/07/95		11/06/95	
	DATE EXTRACTED -->	01/13/96		01/13/96		02/10/96		02/10/96		12/12/95		11/09/95	
	DATE ANALYZED --->	01/18/96		01/18/96		02/14/96		02/14/96		12/28/95		11/19/95	
	MATRIX ---------->	Uater		Uater		Uater		Water		sediment		sediment	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/KG		UG/KG	
CAS #	Parameter	250801	VAL	250801	VAL	MZ1010	VAL	MZ1010	VAL	EM0050	VAL	040EM0	VAL
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
7005-72-3	4-Chlorophenylpheny1ether	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
86-73-7	Fluorene	0.5	U	0.5	U	0.5	U	0.5	U	20.	U	130.	
100-01-6	4-Nitroaniline	25.	U	25.	U	25.	U	25.	U	980.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	980.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
101-55-3	4-Bromophenyl-pheny1ether	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
118-74-1	Hexachlorobenrene	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
87-86-5	Pentach Lorophenol	25.	U	25.	U	25.	U	25.	U	980.	U	1000.	U
85-01-8	Phenanthrene	1.	U	1.	U	1.	U	1.	U	40.	U	830.	
120-12-7	Anthracene	1.	U	1.	U	1.	U	1.	U	40.	U	67.	
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	24.	J	23.	J
206-44-0	Fluoranthene	1.	U	1.	U	1.	U	1.	U	40.	U	780.	
86-74-8	Carbazole	10.	U	10.	U	10.	U	10.	U	400.	U	22.	J
129-00-0	Pyrene	1.	U	1.	U	1.	U	1.	U	40.	U	740.	
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	U	400.	U	410.	U
56-55-3	Benzo(a)anthracene	1.	U	1.	U	1.	U	1.	U	40.	U	300.	
218-01-9	Chrysene	1.	U	1.	U	1.	U	1.	U	40.	U	380.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	7.	BJ	34.	B	68.		0.6		56.	J	410.	UJ
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U	400.	U	410.	UJ
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U	1.	U	1.	U	40.	U	280.	
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U	1.	U	1.	U	40.	U	250.	
50-32-8	Benzo(a)pyrene	1.	U	1.	U	1.	U	1.	U	40.	U	240.	
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U	1.	U	1.	U	40.	U	130.	
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U	1.	U	1.	U	40.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U	1.	U	1.	U	40.	U	140.	

*** Validation Complete ***

QA/QC Data

SVOA								
	SAMPLE ID ------->	042-N-2720-01		042-N-Z739-01				
	ORIGINAL ID ----->	0401272001		040NZ73901				
	LAB SAMPLE ID --->	950887-18		950876-19				
	ID FROM REPORT -->	040NZ72001		040NZ73901				
	SAMPLE DATE ----->	10/30/95		10/26/95				
	DATE EXTRACTED -->	11/07/95		11/06/95				
	DATE ANALYZED --->	11/17/95		11/16/95				
	MATRIX	Sediment		Sediment				
	UNITS -------->	UG/KG		UG/KG				
CAS #	Parameter	MZ7230	VAL	MZ8030	VAL			
108-95-2	Phenol	430.	U	430.	U			
111-44-4	bis(2-Chloroethyl)ether	43.	U	43.	U			
95-57-8	2-Chlorophenol	430.	U	430.	U			
541-73-1	1,3-Dichlorobenzene	430.	U	430.	U			
106-46-7	1,4-Dichlorobenzene	430.	U	430.	U			
95-50-1	1,2-Dichlorobenzene	430.	U	430.	U			
95-48-7	2-Methylphenol (0-Cresol)	430.	U	430.	U			
108-60-1	2,Z'-oxybis(1-Chloropropane)	430.	U	430.	U			
106-44-5	4-Methylphenol (p-Cresol)	430.	U	430.	U			
621-64-7	N-Nitroso-di-n-propylamine	43.	U	43.	U			
67-72-1	Hexachloroethane	430.	U	430.	U			
98-95-3	Nitrobenzene	430.	U	430.	U			
78-59-1	lsophorone	430.	U	430.	U			
88-75-5	2-Nitrophenol	430.	U	430.	U			
105-67-9	2,4-Dimethylphenol	430.	U	430.	U			
111-91-1	bis(2-Chloroethoxy)methane	430.	U	430.	U			
120-83-2	2,4-Dichlorophenol	430.	U	430.	U			
120-82-1	1,2,4-Trichlorobenzene	430.	U	430.	U			
91-20-3	Naphthalene	43.	U	43.	U			
106-47-8	4-Chloroaniline	430.	U	430.	U			
87-68-3	Hexachlorobutadiene	430.	U	430.	U			
59-50-7	4-chtaro-3-methyl phenol	430.	U	430.	U			
91-57-6	2-Methylnaphthalene	43.	U	43.	U			
77-47-4	HexachLorocyclopentadiene	430.	U	430.	U			
88-06-2	2,4,6-Trichlorophenol	430.	U	430.	U			
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U			
91-58-7	2-Chloronaphthalene	430.	U	430.	U			
88-74-4	2-Nitroanitine	430.	U	430.	U			
131-11-3	Dimethyl phthalate	430.	U	430.	U			
208-96-8	Acenaphthylene	430.	U	430.	U			
606-20-2	2,6-Dinitrotoluene	430.	U	430.	U			
99-09-2	3-Nitroaniline	1000.	U	1000.	U			
83-32-9	Acenaphthene	21.	U	21.	U			
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U			
100-02-7	4-Nitrophenol	1000.	U	1000.	U			
132-64-9	Dibenzofuran	430.	U	430.	U			

+*+ Validation Complete *+*

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

SVOA									
	SAMPLE ID ------->	042-N-2720-01		042-N-Z739-01					
	ORIGINAL ID ----->	040NZ72001		040NZ73901					
	LAB SAMPLE ID --->	950887-18		950876-19					
	ID FROM REPORT -->	040NZ72001		040NZ73901					
	SAMPLE DATE ----->	10/30/95		10/26/95					
	DATE EXTRACTED -->	11/07/95		11/06/95					
	DATE ANALYZED --->	11/17/95		11/16/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	MZ7230	VAL	MZ8030	VAL				
121-14-2	2,4-Dinitrotoluene	430.	U	430.	U				
84-66-2	Diethylphthalate	430.	U	430.	U				
7005-72-3	4-Chlorophenylphenylether	430.	U	430.	U				
86-73-7	Fluorene	21.	U	21.	U				
100-01-6	4-Nitroaniline	1000.	U	1000.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1000.	U				
86-30-6	N-Nitrosodiphenylamine	430.	U	430.	U				
101-55-3	4-Bromophenyl-phenylether	430.	U	430.	U				
118-74-1	Hexachlorobenzene	430.	U	430.	U				
87-86-5	Pentachlorophenol	1000.	U	1000.	U				
85-01-8	Phenanthrene	43.	U	43.	U				
120-12-7	Anthracene	43.	U	43.	U				
84-74-2	Di-n-butylphthalate	430.	U	29.	J				
206-44-0	Fluoranthene	43.	U	43.	U				
86-74-8	Carbazole	430.	U	430..	UJ				
129-00-0	Pyrene	43.	U	43.	U				
85-68-7	Butylbenzylphthalate	430.	U	430.					
91-94-1	3,3'-Dichlorobenzidine	430.	U	430.	U				
56-55-3	Benzo(a)anthracene	43.	U	43.					
218-01-9	Chrysene	43.	U	43.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	430.	U	430.					
117-84-0	Di-n-octyl phthalate	430.	U	430.	U				
205-99-2	Benzo(b)fluoranthene	43.	U	43.	U				
207-08-9	Benzo(k)fluoranthene	43.	U	43.	U				
50-32-8	Benzo(a)pyrene	43.	U	430.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	43.	U	43.	U				
53-70-3	Dibenz(a,h)anthracene	43.	U	430.	U				
191-24-2	Benzo(g,h,i)perylene	43.	U	43.	U				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

TOC							
	SAMPLE ID ------->	042-N-Z530-01	042-N-2622-01	042-N-2720-01	042-N-Z739-01		
	ORIGINAL ID ----->	040NZ53001	040NZ62201	040NZ72001	040NZ73901		
	LAB SAMPLE ID --->	951021-20	950899-22	950887-18	950876-19		
	ID FROM REPORT -->	040NZ53001	040NZ62201	040NZ72001	040NZ73901		
	SAMPLE DATE ----->	12/07/95	11/06/95	10/30/95	10/26/95		
	DATE EXTRACTED -->	01/02/96	11/14/95	11/09/95	11/03/95		
	DATE ANALYZED --->	01/02/96	11/14/95	11/09/95	11/03/95		
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment		
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG		
CAS #	Parameter	EM0050	040EM0	MZ7230	MZ8030		
9999900-01-4	Total Organic Carbon (TOC)	815.	4770.	936.	401.		

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

VOA													
	SAMPLE ID ------->	040-E-M001-01		040-F-M001-01		040-T-M001-01		040-E-M002-01		040-F-M002-01		040-T-M002-01	
	ORIGINAL ID ----->	040EM00101		040FM00101		040TM00101		040EM00201		040FM00201		040TM00201	
	LAB SAMPLE ID --->	950865-01		950865-02		950865-08		950899-01		950899-02		950865-20	
	ID FROM REPORT -->	040EM00101		040FM00101		040TM00101		040EM00201		040FM00201		040TM00201	
	SAMPLE DATE ----->	10/23/95		10/23/95		10/23/95		11/01/95		11/01/95		10/24/95	
	DATE ANALYZED --->	10/30/95		10/28/95		10/29/95		11/04/95		11/04/95		10/30/95	
	MATRIX ---------->	Uater		Water		Water		Water		Uater		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	040EM0	VAL	040EM0	VAL	EM0010	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	UJ	10.	U	10.	UJ	10.	U	10.	U	10.	UJ
75-09-2	Methylene chloride	2.	J	10.	U	10.	U	4.	J	10.	U	10.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	33.		10.	U	9.	J
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,l-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (tota1)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

VOA													
	SAMPLE ID ------->	040-E-M003-01		040-F-M003-01		040-T-M003-01		040-T-H004-01		040-T-M005-01		040-T-M006-01	
	ORIGINAL ID ----->	040EM00301		040FM00301		040TM00301		040TM00401		040TM00501		040TM00601	
	LAB SAMPLE ID --->	950922-18		950922-19		950876-09		950876-20		950807-09		950887-19	
	ID FROM REPORT -->	040EM00301		040FM00301		040TM00301		040TM00401		040TM00501		040TM00601	
	SAMPLE DATE ----->	11/10/95		11/10/95		10/25/95		10f26/95		10/27/95		10/30/95	
	DATE ANALYZED --->	11/12/95		11/12/95		10/30/95		10/30/95		10/30/95		11/02/95	
	MATRIX ---------->	Water		Uater		Water		Uater		Water		Uater	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	261101	VAL	261101	VAL	MZ8030	VAL	MZ8030	VAL	MZ7230	VAL	MZ7230	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	UJ	10.	UJ	10.	UJ	10.	UJ
75-09-2	Methylene chloride	11.		10.		10.	U	10.	U	10.	U	4.	J
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dich1oroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dich1oropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Ch1orobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

VOA													
	SAMPLE ID ------->	040-T-M007-01		040-E-M008-01		040-F-M008-01		040-T-M008-01		040-T-M009-01		040-T-M010-01	
	ORIGINAL ID ----->	040TM00701		040EM00801		040FM00801		040TM00801		040TM00901		040TM01001	
	LAB SAMPLE ID --->	950899-04		960010-09		960010-10		950899-13		950899-23		950922-09	
	ID FROM REPORT -->	040TM00701		040EM00801		040FM00801		040TM00801		040TM00901		040TM01001	
	SAMPLE DATE ----->	11/01/95		01/11/96		01/11/96		11/02/95		11/06/95		11/08/95	
	DATE ANALYZED --->	11/04/95		01/15/96		01/16/96		11/04/95		11/09/95		11/12/95	
	MATRIX ---------->	Uater		Water		Uater		Water		Water		Uater	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	040EM0	VAL	250801	VAL	250801	VAL	040EM0	VAL	040EM0	VAL	Z61101	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
75-09-2	Methylene chloride	10.	U	7.	J	9.	BJ	3.	J	8.		13.	
67-64-1	Acetone	10.	U	12.	B	10.	B	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-D	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

VOA															
	SAMPLE ID ------->	040-E-Moll-01		040-F-Moll-01		040-T-M011-01		040-T-M012-01		040-T-M013-01		040-T-M014-01	
	ORIGINAL ID ----->	040EM01101		040FM01101		040TM01101		040TM01201		040TM01301		040TM01401	
	LAB SAMPLE ID --->	960093-18		960093-19		950922-17		950930-04		950930-11		950930-20	
	ID FROM REPORT -->	040EM01101		040FM01101		040TM01101		040TM01201		040TM01301		040TM01401	
	SAMPLE DATE ----->	02/08/96		02/08/96		11/09/95		11/10/95		11/13/95		11/14/95	
	DATE ANALYZED --->	02/13/96		02/13/96		11/12/95		11/12/95		11/18/95		11/18/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	MZ1010	VAL	MZ1010	VAL	261101	VAL	241901	VAL	241901	VAL	Z41901	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	2.	J	2.	J	13.		6.		9.		7.	
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

VOA															
	SAMPLE ID ------->	040-T-M020-01		040-T-M021-01		040-T-M022-01		040-T-M031-01		040-T-M032-01		040-T-M038-01	
	ORIGINAL ID ----->	040TM02001		040TM02101		040TM02201		040TM03101		04011103201		040TM03801	
	LAB SAMPLE ID --->	951005-09		951005-17		951005-25		960010-08		960010-16		960084-03	
	ID FROM REPORT -->	040TM02001		040TM02101		040TM02201		040TM03101		040TM03201		040TM03801	
	SAMPLE DATE ----->	12/01/95		12/04/95		12/05/95		01/10/96		01/11/96		01/31/96	
	DATE ANALYZED --->	12/07/95		12/07/95		12/07/95		01/11/96		01/15/96		02/05/96	
	MATRIX ---------->	Uater		Uater		Uater		Ueter		Ueter		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	231001	VAL	231001	VAL	231001	VAL	250801	VAL	Z50801	VAL	MZ6020	VAL
74-87-3	Chloromethane	10.	U	2.	J	1.	J	10.	U	1.	J	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	6.	BJ	7.	BJ	7.	BJ	2.	BJ	5.	J	6.	
67-64-1	Acetone	14.	B	12.	B	17.	B	10.	B	8.	BJ	31.	
75-15-0	Carbon disulfide	10.	U	10.	U	2.	J	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	3.	J	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

VOA															
	SAMPLE ID ------->	040-1-M039-01		040-T-M040-01		040-T-M041-01		040-T-M042-01		040-T-M043-01		042-N-2530-01	
	ORIGINAL ID ----->	040TM03901		040TM04001		040TM04101		040TM04201		040TM04301		040NZ53001	
	LAB SAMPLE ID --->	960084-15		960093-07		960093-17		960093-20		960107-02		951021-20	
	ID FROM REPORT -->	040TM03901		040TM04001		040TM04101		040TM04201		040TM04301		040NZ53001	
	SAMPLE DATE ----->	02/01/96		02/05/96		02/06/96		02/08/96		02/09/96		12/07/95	
	DATE ANALYZED --->	02/05/96		02/08/96		02/08/96		02/13/96		02/13/96		12/13/95	
	MATRIX ---------->	Uater		Uater		Uater		Water		Uater		Sediment	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/KG	
CAS #	Parameter	MZ6020	VAL	MZ1010	VAL	MZ1010	VAL	MZ1010	VAL	MZ9010	VAL	EM0050	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	4.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
75-09-2	Methylene chloride	5.		3.		3.		3.	J	6.	J	7.	J
67-64-1	Rcetone	24.		21.		13.		10.	U	15.		18.	
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
75-34-3	1,l-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
108-88-3	loluene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
QA/QC Data

VOA											
	SAMPLE ID ------->	042-1-2622-01		042-N-2720-01		042-N-2739-01					
	ORIGINAL ID ----->	040NZ62201		040NZ72001		040NZ73901					
	LAB SAMPLE ID --->	950899-22		950887-18		950876-19					
	ID FROM REPORT -->	040NZ62201		0401272001		040NZ73901					
	SAMPLE DATE ----->	11/06/95		10/30/95		10/26/95					
	DATE ANALYZED --->	11/08/95		11/03/95		11/01/95					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	040EM0	VAL	MZ7230	VAL	MZ8030	VAL				
74-87-3	Chloromethane	17.	U	13.	U	12.	U				
74-83-9	Bromomethane	17.	U	13.	U	12.	U				
75-01-4	Vinyl chloride	5.	U	4.	U	4.	U				
75-00-3	Chloroethane	17.	U	13.	U	12.	U				
75-09-2	Methylene chloride	45.	U	26.	U	12.	U				
67-64-1	Acetone	31.	U	13.	U	12.	U				
75-15-0	Carbon disulfide	4.	J	13.	U	12.	U				
75-35-4	1,l-Dichloroethene	17.	U	13.	U	12.	U				
75-34-3	1,1-Dichloroethane	17.	U	13.	U	12.	U				
540-59-0	1.2-Dichloroethene (total)	17.	U	13.	U	12.	U				
67-66-3	Chloroform	17.	U	13.	U	12.	U				
107-06-2	1,2-Dichloroethane	17.	U	13.	U	12.	U				
78-93-3	2-Butanone (MEK)	17.	U	13.	U	12.	U				
71-55-6	1,1,1-Trichloroethane	17.	U	13.	U	12.	U				
56-23-5	Carbon tetrachloride	17.	U	13.	U	12.	U				
75-27-4	Bromodichloromethane	17.	U	13.	U	12.	U				
78-87-5	1,2-Dichloropropane	17.	U	13.	U	12.	U				
10061-01-5	cis-1,3-Dichloropropene	17.	U	13.	U	12.	U				
79-01-6	Trichloroethene	17.	U	13.	U	12.	U				
124-48-1	Dibromochloromethane	17.	U	13.	U	12.	U				
79-00-5	1,1,2-Trichloroethane	17.	U	13.	U	12.	U				
71-43-2	Benzene	17.	U	13.	U	12.	U				
10061-02-6	trans-1,3-Dichloropropene	17.	U	13.	U	12.	U				
75-25-2	Bromoform	17.	U	13.	U	12.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	17.	U	13.	U	12.	U				
591-78-6	2-Hexanone	17.	U	13.	U	12.	U				
127-18-4	Tetrachloroethene	17.	U	13.	U	12.	U				
79-34-5	1,1,2,2-Tetrachloroethane	17.	U	13.	U	12.	U				
108-88-3	Toluene	17.	U	13.	U	12.	U				
108-90-7	Chlorobenzene	17.	U	13.	U	12.	U				
100-41-4	Ethylbenzene	17.	U	13.	U	12.	U				
100-42-5	Styrene	17.	U	13.	U	12.	U				
1330-20-7	Xylene (Total)	17.	U	13.	U	12.	U				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

HARDNESS							
	SAMPLE ID ------->	BLK-E-W001-03	PBU-0-0036-01				
	ORIGINAL ID ----->	PEW	PBU				
	LAB SAMPLE ID --->	PBW	PBW				
	ID FROM REPORT -->	PBW	PBW				
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	01/22/96	01/06/96				
	DATE ANALYZED --->	01/18/96	01/05/96				
	MATRIX ---------->	Water	Uater				
	UNITS ---------->	MG/L	MG/L				
CAS #	arameter	EW0010	253301				
999900-03-3	ardness as CaCO3	2. U	2. U				

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

LOWSVOA												
	SAMPLE ID ------->	BLK-E-W001-06		BLK-E-W001-07		SBL-K-CM00-00		SBL-K-DT00-00		SBL-K-DT11-29		
	ORIGINAL ID ----->	SBLKDM		SBLKDT		SBLKDH		SBLKDT		SBLKDT		
	LAB SAMPLE ID --->	S1213-B2		S1228-B1		S1213-B2		S1228-B1		S1129-B1		
	ID FROM REPORT -->	SBLKDM		SBLKDT		SBLKDM		SBLKDT		SBLKDT		
	SAMPLE DATE ----->											
	DATE EXTRACTED -->	12/13/95		12/28/95		12/13/95		12/28/95		11/29/95		
	DATE ANALYZED --->	12/22/95		01/04/96		12/22/95		01/04/96		12/04/95		
	MATRIX ---------->	Water		Water		Uater		Water		Water		
	UNITS ---------->	UG/ L		UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EM0050	VAL	EM0050	VAL	Z53301	VAL	
108-95-2	Phenol	5.	u	5.	u	5.	u	5.	u	5.	u	
111-44-4	bis(2-Chloroethyl)ether	1.	u	1.	u	1.	u	1.	u	1.	u	
95-57-8	2-Chlorophenol	5.	u	5.	u	5.	u	5.	u	5.	u	
95-48-7	2-Methylphenol (o-Cresol)	5.	u	5.	u	5.	u	5.	u	5.	u	
108-60-1	2,2'-oxybis(1-Chloropropane)	5.	u	5.	u	5.	u	5.	u	5.	u	
106-44-5	4-methyl phenol (p-Cresol)	5.	u	5.	u	5.	u	5.	u	5.	u	
621-64-7	N-Nitroso-di-n-propylamine	5.	u	5.	u	5.	u	5.	u	5.	u	
67-72-1	Hexachloroethane	5.	u	5.	u	5.	u	5.	u	5.	u	
98-95-3	Nitrobenzene	5.	u	5.	u	5.	u	5.	u	5.	u	
78-59-1	Isophorone	5.	u	5.	u	5.	u	5.	u	5.	u	
88-75-5	2-Nitrophenol	5.	u	5.	u	5.	u	5.	u	5.	u	
105-67-9	2,4-Dimethylphenol	5.	u	5.	u	5.	u	5.	u	5.	u	
111-91-1	bis(2-Chloroethoxy)methane	5.	u	5.	u	5.	u	5.	u	5.	u	
120-83-2	2,4-Dichlorophenol	5.	u	5.	u	5.	u	5.	u	5.	u	
120-82-1	1,2,4-Trichlorobenzene	5.	u	5.	u	5.	u	5.	u	5.	u	
91-20-3	Naphthalene	1.	u	1.	u	1.	u	1.	u	1.	u	
106-47-8	4-Chloroaniline	5.	u	5.	u	5.	u	5.	u	5.	u	
87-68-3	Hexachlorobutadiene	5.	u	5.	u	5.	u	5.	u	5.	u	
59-50-7	4-Chloro-3-methylphenol	5.	u	5.	u	5.	u	5.	u	5.	u	
91-57-6	2-Methylnaphthalene	1.	u	1.	u	1.	u	1.	u	1.	u	
77-47-4	Hexachlorocyclopentadiene	5.	u	5.	u	5.	u	5.	u	5.	u	
88-06-2	2,4,6-Trichlorophenol	5.	u	5.	u	5.	u	5.	u	5.	u	
95-95-4	2,4,5-Trichlorophenol	20.	u	20.	u	20.	u	20.	u	20.	u	
91-58-7	2-Chloronaphthelene	5.	u	5.	u	5.	u	5.	u	5.	u	
88-74-4	2-Nitroaniline	5.	u	5.	u	5.	u	5.	u	5.	u	
131-11-3	Dimethyl phthalate	5.	u	5.	u	5.	u	5.	u	5.	u	
208-96-8	Acenaphthylene	1.	u	1.	u	1.	u	1.	u	1.	u	
606-20-2	2,6-Dinitrotoluene	5.	u	5.	u	5.	u	5.	u	5.	u	
99-09-2	3-Nitroaniline	20.	u	20.	u	20.	u	20.	u	20.	u	
83-32-9	Acenaphthene	1.	u	1.	u	1.	u	1.	u	1.	u	
51-28-5	2,4-Dinitrophenol	20.	u	20.	u	20.	u	20.	u	20.	u	
100-02-7	4-Nitrophenol	20.	u	20.	u	20.	u	20.	u	20.	u	
132-64-9	Dibenzofuran	5.	u	5.	u	5.	u	5.	u	5.	u	
121-14-2	2,4-Dinitrotoluene	5.	u	5.	u	5.	u	5.	u	5.	u	
84-66-2	Diethylphthalate	5.	u	5.	u	5.	u	5.	u	5.	u	
7005-72-3	4-Chlorophenylphenylether	5.	u	5.	u	5.	u	5.	u	5.	u	

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

LOWSVOA											
	SAMPLE ID ------->	BLK-E-W001-06		BLK-E-W001-07		SBL-K-CM00-00		SBL-K-DT00-00		SBL-K-Dfll-29	
	ORIGINAL ID ----->	SBLKDM		SBLKDT		SBLKDM		SBLKDT		SBLKOT	
	LAB SAMPLE ID --->	S1213-B2		S1228-B1		S1213-B2		S1228-B1		S1129-B1	
	ID FROM REPORT -->	SBLKDM		SBLKDT		SBLKDM		SBLKDT		SBLKDT	
	SAMPLE DATE ----->										
	DATE EXTRACTED -->	12/13/95		12/28/95		12/13/95		12/28/95		11/29/95	
	DATE ANALYZED --->	12/22/95		01/04/96		12/22/95		01/04/96		12/04/95	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EM0050	VAL	EM0050	VAL	253301	VAL
86-73-7	Fluorene	1.	U	1.	U	1.	U	1.	U	1.	U
100-01-6	4-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U	5.	U	5.	U	5.	U
101-55-3	4-Brmphenyl-phenylether	5.	U	5.	U	5.	U	5.	U	5.	U
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U
87-86-5	Pentachlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U
85-01-8	Phenanthrene	1.	U	1.	U	1.	U	1.	U	1.	U
120-12-7	Anthracene	1.	U	1.	U	1.	U	1.	U	1.	U
84-74-2	Di-n-butylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U
206-44-0	Fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U
129-00-0	Pyrene	1.	U	1.	U	1.	U	1.	U	1.	U
85-68-7	Butylbenzylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U	5.	U	5.	U
56-55-3	Benzo(a)anthracene	1.	U	1.	U	1.	U	1.	U	1.	U
218-01-9	Chrysene	1.	U	1.	U	1.	U	1.	U	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U	5.	U	5.	U	5.	U
117-84-0	Oi-n-octyl phthalate	5.	U	5.	U	5.	U	5.	U	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U	1.	U.	1.	U	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U
50-32-8	Benzo(a)pyrene	1.	U	1.	U	1.	U	1.	U	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U	1.	U	1.	U	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U	1.	U	1.	U	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

LOWVOA													
	SAMPLE ID -------:	BLK-E-W001-11		BLK-E-W001-12		VBL-K-1130-B2		VBL-K-1204-B3		VBL-K-FE00-00		VBL-K-FH00-00	
	ORIGINAL ID -----:	VBLKFH		VBLKFN		VBLKFP		VELKFV		VBLKFE		VBLKFH	
	LAB SAMPLE ID ---:	V61212-B6		V61217-B2		V61130-B2		V61204-B3		V61211-B2		V61212-86	
	ID FROM REPORT --:	VBLKFH		VBLKFN		VBLKFP		VBLKFV		VBLKFE		VBLKFH	
	SAMPLE DATE -----:												
	DATE ANALYZED ---:	12/12/95		12/17/95		11/30/95		12/04/95		12/11/95		12/12/95	
	MATRIX ----------:	Water		Water		Uater		Water		Water		Uater	
	UNITS ----------:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EW0010	VAL	EW0010	VAL	253301	VAL	253301	VAL	EM0050	VAL	EM0050	VAL
74-87-3	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
74-83-9	Bromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-00-3	Chloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-09-2	Methylene chloride	2.		2.	U	2.	U	2.	U	2.	U	2.	
67-64-1	Acetone	7.		9.		5.		7.		9.		7.	
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-35-4	1,l-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-34-3	1,1-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
67-66-3	Chloroform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
78-93-3	2-Butanone (MEK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
56-23-5	carbon tetrachloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-27-4	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
78-87-5	1,2-Dichloropropane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
79-01-6	frichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
71-43-2	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-25-2	Bromoform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexenone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
108-88-3	Toluene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
100-42-5	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
1330-20-7	Xylene (Total)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

LOWVOA													
	SAMPLE ID ------->	BLK-E-W001-11		BLK-E-W001-12		VBL-K-1130-B2		UBL-K-1204-B3		VBL-K-FE00-00		/BL-K-FHOO-00	
	ORIGINAL ID ----->	VBLKFH		VBLKFN		VBLKFQ		VBLKFV		VBLKFE		/BLKFH	
	LAB SAMPLE ID --->	V61212-B6		V61217-B2		V61130-B2		V61204-B3		V61211-B2		$61212-B6	
	ID FROM REPORT -->	VBLKFH		VBLKFN		UBLKFP		VBLKFV		VBLKFE		/BLKFH	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	12/12/95		12/17/95		11/30/95		12/04/95		12/11/95		12/12/95	
	MATRIX ---------->	Water		Uater		Water		Water		Uater		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		JG/L	
CAS #	arameter	EW0010	VAL	EW0010	VAL	253301	VAL	253301	VAL	EM0050	VAL	EM0050	VAL
95-50-1	,2-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
74-97-5	hlorobromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
106-93-4	,2-Dibromoethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

LOWVOA							
	SAMPLE ID ------->	VBL-K-FM00-00					
	ORIGINAL ID ----->	VBLKFM					
	LAB SAMPLE ID --->	V61216-B3					
	ID FROM REPORT -->	VBLKFM					
	SAMPLE DATE ----->						
	DATE ANALYZED --->	12/16/95					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	Parameter	EM0050	VAL				
74-87-3	Chloromethane	1.	U				
74-83-9	Bromomethane	1.	U				
75-01-4	Vinyl chloride	1.	U				
75-00-3	Chloroethane	1.	U				
75-09-2	Methylene chloride	3.					
67-64-1	Acetone	11.					
75-15-0	Carbon disulfide	1.	U				
75-35-4	1,1-Dichloroethene	1.	U				
75-34-3	1,1-Dichloroethane	1.	U				
156-59-2	cis-1,2-Dichloroethene	1.	U				
156-60-5	trans-1,2-Dichloroethene	1.	U				
67-66-3	Chloroform	1.	U				
107-06-2	1,2-Dichloroethane	1.	U				
78-93-3	2-Butanone (MEK)	5.	U				
71-55-6	1,1,1-Trichloroethane	1.	U				
56-23-5	Carbon tetrachloride	1.	U				
75-27-4	Bromodichloromethane	1.	U				
78-87-5	1,2-Dichloropropane	1.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U				
79-01-6	Trichloroethene	1.	U				
124-48-1	Dibromochloromethane	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U				
71-43-2	Benzene	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U				
75-25-2	Bromoform	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U				
108-10-1	4-Uethyl-2-Pentanone (MIBK)	5.	U				
591-78-6	2-Hexanone	5.	U				
127-18-4	Tetrachloroethene	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U				
108-88-3	Toluene	1.	U				
108-90-7	Chlorobenzene	1.	U				
100-41-4	Ethylbenzene	1.	U				
100-42-5	Styrene	1.	U				
1330-20-7	Xylene (Total)	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U				
106-46-7	1,4-Dichlorobenzene	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

LOWVOA							
	SAMPLE ID ------->	VBL-K-FM00-00					
	ORIGINAL ID ----->	VBLKFM					
	LAB SAMPLE ID --->	V61216-83					
	ID FROM REPORT -->	VBLKFM					
	SAMPLE DATE ----->						
	DATE ANALYZED --->	12/16/95					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	arameter	EM0050	VAL				
95-50-1	,2-Dichlorobenzene	1.	U				
74-97-5	hlorobromomethane	1.	U				
106-93-4	,2-Dibromoethane	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

METAL											
	SAMPLE ID ------->	BLK-0-2401-04		BLK-0-2401-05		ELK-0-2401-06		BLK-0-2401-07			
	ORIGINAL ID ----->	BLANK1		BLANK2		BLANK3		BLANK4			
	LAB SAMPLE ID --->	BLANK1		BLANK2		BLANK3		BLANK4			
	ID FROM REPORT -->	BLANK1		BLANK2		BLANK3		BLANK4			
	SAMPLE DATE ----->										
	MATRIX ---------->	Soil		Water		Soil		soil			
	UNITS ---------->	MG/KG		UG/L		MG/KG		MG/KG			
CAS #	Parameter	250801	VAL	250801	VAL	250801	VAL	250801	VAL		
7429-90-5	Aluminum (Al)	12.2	B	56.5	B	NR		NR			
7440-36-0	Antimony (Sb)	0.23	B	2.	U	NR		NR			
7440-38-2	Arsenic (As)	0.2	U	2.	U	NR		NR			
7440-39-3	Barium (Ba)	0.1	U	1.	U	NR		NR			
7440-41-7	Beryllium (Be)	0.1	U	1.	U	NR		NR			
7440-43-9	Cadmium (Cd)	0.3	U	3.	U	NR		NR			
7440-70-2	Calcium (Ca)	1.6	B	11.	U	NR		NR			
7440-47-3	Chromium (Cr)	0.8	U	8.	U	NR		NR			
7440-48-4	Cobalt (Co)	0.3	U	3.	U	NR		NR			
7440-50-8	Copper (Cu)	0.4	U	4.	U	NR		NR			
57-12-5	Cyanide (CN)	0.5	U	5.	U	0.5	U	0.5	U		
7439-89-6	Iron (Fe)	3.9	B	22.6	B	NR		NR			
7439-92-1	Lead (Pb)	0.12	B	1.	U	NR		NR			
7439-95-4	Magnesium (Mg)	3.3	U	33.	U	NR		NR			
7439-96-5	Manganese (Mn)	0.1	U	1.	U	NR		NR			
7439-97-6	Mercury (Hg)	0.05	U	0.1	U	NR		NR			
7440-02-0	Nickel (Ni)	1.2	U	12.	U	NR		NR			
7440-09-7	Potassium (K)	9.6	U	96.	U	NR		NR			
7782-49-2	Seleniun (Se)	0.3	U	3.	U	NR		NR			
7440-22-4	Silver (Ag)	0.4	U	4.	U	NR		NR			
7440-23-5	Sodium (Na)	9.2	B	96.5	B	NR		NR			
7440-28-0	Thallium (Tl)	0.3	U	3.	U	NR		NR			
7440-62-2	Venadiun (V)	0.2	U	2.	U	NR		NR			
7440-66-6	Zinc (Zn)	1.1	B	4.6	B	NR		NR			

*** validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

PEST													
	SAMPLE ID ------->	BLK-0-1101-01		BLK-0-1101-02		BLK-0-1101-03		3LK-0- 1101-04		BLK-0-1901-01		BLK-0-1901-02	
	ORIGINAL ID ----->	PBLK01		PBLK02		PBLK03		PBLK04		PBLK01		PBLK02	
	LAB SAMPLE ID --->	P1114-B2		P1115-B5		P1210-B2		21210-B3		P1114-B2		P1119-B2	
	ID FROM REPORT -->	PBLK01		PBLK02		PBLK03		PBLK04		PBLK01		PBLK02	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/14/95		11/15/95		12/10/95		12/10/95		11/14/95		11/19/95	
	DATE ANALYZED --->	12/06/95		12/02/95		12/18/95		12/18/95		12/08/95		12/08/95	
	MATRIX ---------->	Soil		Water		soil		Soil		soi1		soi1	
	UNITS ----------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	241901	VAL	241901	VAL
319-84-6	alpha-BHC	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
319-85-7	beta-BHC	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
319-86-8	delta-BHC	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
58-89-9	gamma-BHC (Lindane)	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
76-44-8	Heptachlor	0.44	P	0.05	U	0.083	U	0.083	U	0.19	PB	0.083	U
309-00-2	Aldrin	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
1024-57-3	Heptachlor epoxide	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
959-98-8	Endosulfan I	0.17	U	0.05	U	0.17	U	0.17	U	0.083	U	0.083	U
60-57-1	Dieldrin	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
72-55-9	4,4'-DDE	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
72-20-8	Endrin	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
33213-65-9	Endosulfan II	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
72-54-8	4,4'-DDD	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
1031-07-8	Endosulfan sulfate	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
50-29-3	4,4'-DDT	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
72-43-5	Methoxychlor	0.83	U	0.5	U	0.83	U	0.83	U	0.83	U	0.83	U
53494-70-5	Endrin ketone	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
7421-93-4	Endrin aldehyde	0.17	U	0.1	U	0.17	U	0.17	U	0.17	U	0.17	U
5103-71-9	alpha-Chlordane	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
5103-74-2	gam-Chlordane	0.083	U	0.05	U	0.083	U	0.083	U	0.083	U	0.083	U
8001-35-2	Toxaphene	17.	U	5.	U	17.	U	17.	U	17.	U	17.	U
12674-11-2	Aroclor-1016	3.3	U	1.	U	3.3	U	3.3	U	1.7	U	1.7	U
11104-28-2	Aroclor-1221	6.7	U	2.	U	6.7	U	6.7	U	3.3	U	3.3	U
11141-16-5	AroclLor-1232	3.3	U	1.	U	3.3	U	3.3	U	1.7	U	1.7	U
53469-21-9	Aroclor-1242	3.3	U	1.	U	3.3	U	3.3	U	1.7	U	1.7	U
12672-29-6	Aroclor-1248	3.3	U	1.	U	3.3	U	3.3	U	1.7	U	1.7	U
11097-69-1	AroclLor-1254	3.3	U	1.	U	3.3	U	3.3	U	1.7	U	1.7	U
11096-82-5	Aroclor-1260	3.3	U	1.	U	3.3	U	3.3	U	1.7	U	1.7	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

PEST															
	SAMPLE ID ------->	BLK-0-8030-01		BLK-E-W001-01		BLK-E-W001-02		LCS-0-M001-01		LCS-0-M001-02		PBL-K-0001-00	
	ORIGINAL ID ----->	PBLK01		PBLK01		PBLK02		PLCS01		PLCS02		PBLK01	
	LAB SAMPLE ID --->	P1106-B4		P1212-B10		P1217-B3		P1026-LCS4		P1105-LCS2		P1211-B1	
	ID FROM REPORT -->	PBLK01		PBLK01		PBLKOZ		PLCS01		PLCS02		PBLK01	
	SAMPLE DATE ----->											12/07/95	
	DATE EXTRACTED -->	11/06/95		12/12/95		12/17/95		10/26/95		11/05/95		12/11/96	
	DATE ANALYZED --->	11/30/95		01/23/96		01/23/96		11/25/95		11/25/95		01/23/96	
	MATRIX ---------->	Soil		Water		soi l		uater		Soi l		Water	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/L		UG/KG		UG/L	
CAS #	Parameter	MZ8030	VAL	EW0010	VAL	EW0010	VAL	EM0010	VAL	EM0010	VAL	EM0050	VAL
319-84-6	alpha-BHC	0.085	U	0.05	U	0.83	U	0.05	U	0.085	U	50.	U
319-85-7	beta-BHC	0.085	U	0.05	U	0.83	U	0.05	U	0.085	U	SO.	U
319-86-8	delta-BHC	0.085	U	0.05	U	0.83	U	0.05	U	0.085	U	50.	U
58-89-9	gamma-BHC (Lindane)	0.085	U	0.05	U	0.83	U	0.54	P	1.	P	50.	U
76-44-8	Heptachlor	0.085	U	0.05	U	0.83	U	0.53		0.51	P	50.	U
309-00-2	Aldrin	0.085	U	0.05	U	0.83	U	0.66		0.56		50.	U
1024-57-3	Heptachlor epoxide	0.085	U	0.05	U	0.83	U	0.05	U	0.085	U	50.	U
959-98-8	Endosulfan I	0.085	U	0.05	U	0.83	U	0.05	U	0.085	U	SO.	U
60-57-1	Dieldrin	0.17	U	0.1	U	1.7	U	1.1	P	0.91	P	0.1	U
72-55-9	4,4'-DDE	0.17	U	0.1	U	1.7	U	0.1	U	0.53	P	0.1	U
72-20-8	Endrin	0.17	U	0.1	U	1.7	U	1.4		1.5		0.1	U
33213-65-9	Endosulfan II	0.17	U	0.1	U	1.7	U	0.1	U	0.17	U	0.1	U
72-54-8	4,4'-DDD	0.17	U	0.1	U	1.7	U	0.1	U	0.17	U	0.1	U
1031-07-8	Endosulfan sulfate	0.17	U	0.1	U	1.7	U	0.1	U	0.17	U	0.1	U
50-29-3	4,4'-DDT	0.17	U	0.1	U	1.7	U	1.3		1.4		0.1	U
72-43-5	Methoxychlor	0.85	U	0.5	U	8.3	U	0.5	U	0.85	U	0.5	U
53494-70-5	Endrin ketone	0.17	U	0.1	U	1.7	U	0.1	U	0.17	U	0.1	U
7421-93-4	Endrin aldehyde	0.17	U	0.1	U	1.7	U	0.1	U	0.17	U	0.1	U
5103-71-9	alpha-Chlordane	0.085	U	0.05	U	0.83	U	0.05	U	0.085	U	50.	U
5103-74-2	gamma-Chlordane	0.085	U	0.05	U	0.83	U	0.05	U	0.085	U	50.	U
8001-35-2	Toxaphene	8.5	U	5.	U	83.	U	5.	U	17.	U	5.	U
12674-11-2	Aroclor-1016	1.7	U	1.	U	17.	U	1.	U	3.3	U	1.	U
11104-28-2	Aroclor-1221	3.3	U	2.	U	33.	U	2.	U	6.7	U	2.	U
11141-16-5	Aroclor-1232	1.7	U	1.	U	17.	U	1.	U	3.3	U	1.	U
53469-21-9	Aroclor-1242	1.7	U	1.	U	17.	U	1.	U	3.3	U	1.	U
12672-29-6	Aroclor-1248	1.7	U	1.	U	17.	U	1.	U	3.3	U	1.	U
11097-69-1	Aroclor-1254	1.7	U	1.	U	17.	U	1.	U	3.3	U	1.	U
11096-82-5	Aroclor-1260	1.7	U	1.	U	17.	U	1.	U	3.3	U	1.	U

*** Validation Complete ***

Laboratory blanks

PEST															
	SAMPLE ID ----->	PBL-K-0002-00		PBL-0-0EM0-01		PBL-0-0EM0-02		PBL-0-1001-01		PBL-0-1001-02		PBL-0-1010-02	
	ORIGINAL ID ----->	PBLK02		PBLKOI		PBLK02		PBLK01		PBLK02		PBLKOI	
	LAB SAMPLE ID --->	P1212-B3		P1107-B9		P1109-B1		P1206-64		P1212-B8		P0212-82	
	ID FROM REPORT -->	PBLK02		PBLKOI		PBLK02		PBLKOI		PBLK02		PBLKOI	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	12/12/96		11/07/95		11/09/95		12/06/95		12/12/95		02/12/96	
	DATE ANALYZED --->	01/23/96		11/30/95		11/30/95		01/18/96		01/18/96		03/10/96	
	MATRIX	Soil		Water		soil		Soil		Soil		Soil	
	UNITS --------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0050	VAL	040EM0	VAL	040EM0	VAL	231001	VAL	231001	VAL	MZ1010	VAL
319-84-6	alpha-BHC	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
319-85-7	beta-BHC	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
319-86-8	delta-BHC	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
58-89-9	gam-BHC (Lindane)	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
76-44-8	Heptachlor	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
309-00-2	Aldrin	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
1024-57-3	Heptachlor epoxide	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
959-98-8	Endosulfan I	83.	U	0.005	U	0.085	U	0.17	U	0.17	U	0.083	U
60-57-1	Dieldrin	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
72-55-9	4,4'-DDE	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
72-20-8	Endrin	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
33213-65-9	Endosulfan II	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
72-54-8	4,4'-DDD	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
1031-07-8	Endosulfan sulfate	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
50-29-3	4,4'-DDT	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
72-43-5	Methoxychlor	0.83	U	0.05	U	0.85	U	0.83	U	3.4	8	0.83	U
53494-70-5	Endrin ketone	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
7421-93-4	Endrin aldehyde	0.17	U	0.01	U	0.17	U	0.17	U	0.17	U	0.17	U
5103-71-9	alpha-Chlordane	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.17	U
5103-74-2	gamma-Chlordane	83.	U	0.005	U	0.085	U	0.083	U	0.083	U	0.083	U
8001-35-2	Toxaphene	8.3	U	0.5	U	8.5	U	8.3	U	8.3	U	17.	U
12674-11-2	Aroclor-1016	1.7	U	0.1	U	1.7	U	1.7	U	1.7	U	1.7	U
11104-28-2	Aroclor-1221	3.3	U	0.2	U	3.3	U	3.3	U	3.3	U	3.3	U
11141-16-5	Aroclor-1232	1.7	U	0.1	U	1.7	U	1.7	U	1.7	U	1.7	U
53469-21-9	Aroclor-1242	1.7	U	0.1	U	1.7	U	1.7	U	1.7	U	1.7	U
12672-29-6	Aroclor-1248	1.7	U	0.1	U	1.7	U	1.7	U	1.7	U	1.7	U
11097-69-1	Aroclor-1254	1.7	U	0.1	U	1.7	U	1.7	U	1.7	U	1.7	U
11096-82-5	Aroclor-1260	1.7	U	0.1	U	1.7	U	1.7	U	1.7	U	t.7	U

*** Validation Complete ***

Laboratory blanks

PEST													
	SAMPLE ID ------->	PEL-0-1010-03		PEL-0-1130-64		PEL-K-1201-E1		PEL-0-2301-01		PEL-0-2401-08		PEL-0-2401-09	
	ORIGINAL ID ----->	PBLK02		PBLK01		PBLK02		PBLK01		PBLK01		PBLK02	
	LAB SAMPLE ID --->	P0212-B4		P1130-B4		P1201-B1		P1107-B1		P0113-B3		PO114-El	
	ID FROM REPORT -->	PBLK02		PBLK01		PBLK02		PBLK01		PBLK01		PBLK02	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	02/12/96		11/30/95		12/01/95		11/07/95		01/13/96		01/14/96	
	DATE ANALYZED --->	03/11/96		01/10/96		01/10/96		11/27/95		01/30/96		01/30/96	
	MATRIX ---------->	Water		soil		Uater		Soil		Water		soi 1	
	UNITS ---------->	UG/L		UG/KG		UG/L		UG/KG		UG/L		UG/KG	
CAS #	Parameter	MZ1010	VAL	253301	VAL	253301	VAL	MZ7230	VAL	250801	VAL	250801	VAL
319-84-6	alpha-EHC	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
319-85-7	beta-EHC	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
319-86-8	delta-EHC	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
58-89-9	gamma-BHC (Lindane)	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
76-44-8	Heptachlor	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
309-00-2	Aldrin	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
1024-57-3	Heptachlor epoxide	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
959-98-8	Endosulfan I	0.005	U	0.17	U	0.05	U	0.33	U	0.05	U	0.083	U
60-57-1	Dieldrin	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
72-55-9	4,4'-DDE	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
72-20-8	Endrin	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
33213-65-9	Endosulfan II	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
72-54-8	4,4'-DDD	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
1031-07-8	Endosulfan sulfate	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
50-29-3	4,4'-DDT	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
72-43-5	Methoxychlor	0.05	U	0.83	U	05	U	0.85	U	0.5	U	0.83	U
53494-70-5	Endrin ketone	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
7421-93-4	Endrin aldehyde	0.01	U	0.17	U	0.1	U	0.17	U	0.1	U	0.17	U
5103-71-9	alpha-Chlordane	0.00s	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
5103-74-2	gamma-Chlordane	0.005	U	0.083	U	0.05	U	0.085	U	0.05	U	0.083	U
8001-35-2	Toxaphene	0.5	U	8.3	U	5.	U	8.5	U	5.	U	17.	U
12674-11-2	Aroclor-1016	0.1	U	1.7	U	1.	U	1.7	U	1.	U	1.7	U
11104-28-2	Aroclor-1221	0.2	U	3.3	U	2.	U	33	U	2.	U	3.3	U
11141-16-5	Aroclor-1232	0.1	U	1.7	U	1.	U	1.7	U	1.	U	1.7	U
53469-21-9	Aroclor-1242	0.1	U	1.7	U	1.	U	1.7	U	1.	U	1.7	U
12672-29-6	Aroclor-1248	0.1	U	1.7	U	1.	U	1.7	U	1.	U	1.7	U
11097-69-1	Aroclor-1254	0.1	U	1.7	U	1.	U	1.7	U	1.	U	1.7	U
11096-82-5	Aroclor-1260	0.1	U	1.7	U	1.	U	1.7	U	1.	U	1.7	U

*** Validation Complete ***

DATALCP3
05/19/97

PENS

Laboratory blanks

PEST													
	SAMPLE ID ------->	PBL-0-2401-10		PBL-0-6020-04		PBL-0-M001-01		PBL-0-M001-02		PIB-0-0EM0-01		P IB-0-0EM0-02	
	ORIGINAL ID ----->	PBLK03		PBLKOI		PBLK01		PBLK02		PIBLK00		PIBLKOA	
	LAB SAMPLE ID --->	P0116-B2		PO211-B4		P1026-B4		P1105-B2		PIBLK00		PIBLKOA	
	ID FROM REPORT -->	PBLK03		PBLK01		PBLK01		PBLK02		PIBLK00		P IBLKOA	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	01/16/96		02/11/96		10/26/95		11/05/95					
	DATE ANALYZED --->	01/30/96		03/08/96		11/27/95		11/25/95		11/28/95		11/29/95	
	MATRIX ---------->	soi l		Soil		Water		Soil		Uater		Yater	
	UNITS ---------->	UG/KG		UG/KG		UG/L		UG/KG		UG/L		UG/L	
CAS #	Parameter	250801	VAL	MZ6020	VAL	EM0010	VAL	EM0010	VAL	040EM0	VAL	040EM0	VAL
319-84-6	alpha-BHC	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
319-86-8	delta-BHC	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
58-89-9	gam-BHC (Lindane)	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
309-00-2	Aldrin	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
60-57-1	Dieldrin	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
72-20-8	Endrin	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
1031-07-8	Endosulfen sulfate	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
72-43-5	Methoxychlor	0.83	U	0.83	U	05	U	0.85	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.17	U	0.17	U	0.1	U	0.17	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
5103-74-2	gama-Chlordane	0.083	U	0.083	U	0.05	U	0.085	U	0.05	U	0.05	U
8001-35-2	Toxaphene	17.	U	17.	U	5.	U	17.	U	5.	U	5.	U
12674-11-2	Aroclor-1016	1.7	U	1.7	U	1	U	3.3	U	1.	U	1.	U
11104-28-2	Aroclor-1221	3.3	U	3.3	U	2.	U	6.7	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.7	U	1.7	U	1.	U	3.3	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.7	U	1.7	U	1.	U	3.3	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.7	U	1.7	U	1.	U	3.3	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.7	U	1.7	U	1.	U	3.3	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.7	U	1.7	U	1.	U	3.3	U	1.	U	1.	U

*** Validation Complete ***

PEST															
	SAMPLE ID ------->	PIB-0-OEMO-03		PIB-0-OEMO-04		PIB-0-OEMO-05		PIB-0-OEMO-06		PIB-0-OEMO-07		PIB-0-OEMO-08	
	ORIGINAL ID ----->	PIBLK0B		PIBLK0C		PIBLK0D		PIBLK10		PIBLK1A		PIBLK1B	
	LAB SAMPLE ID --->	PIBLK0B		PIBLK0C		PIBLK0D		PIBLK10		PIBLK1A		PIBLK1B	
	ID FROM REPORT -->	PIBLK0B		PIBLK0C		PIBLK0D		PIBLK10		PIBLK1A		PIBLK1B	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/30/95		11/30/95		12/01/95		11/28/95		11/29/95		11/30/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Uater	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	040EMO	VAL	040EMO	VAL	040EMO	VAL	040EMO	VAL	040EMO	VAL	040EMO	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Hcthoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
12674-11-2	AroclOr-1016	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

PEST													
	SAMPLE ID ------->	PIB-0-0EM0-09		PIB-0-0EM0-10		PIB-0-2301-01		PIE-0-2301-02		PIB-0-2301-03		PIB-0-2301-04	
	ORIGINAL ID ----->	PIBLK1C		PIBLK1D		PIBLKOO		PIBLKOA		PIBLKOF		PIBLKOG	
	LAB SAMPLE ID --->	PIBLK1C		P1BLK1D		PIBLKOO		PIBLKOA		PIBLKOF		PIBLKOG	
	ID FROM REPORT -->	PIBLK1C		PIBLK1D		PIBLKOO		PIBLKOA		PIBLKOF		PIBLKOG	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/30/95		12/01/95		11/24/95		11/25/95		11/27/95		11/27/95	
	MATRIX ---------->	Water		Uater		Uater		Uater		Uater		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
319-a4-6	ılpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	ɜeta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-a	lel ta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	ıamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	leptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	ıldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	leptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	ndosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	ɜieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	ndrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	ndosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	ndosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	lethoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	ndrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	ndrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	ılpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	ıamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	oxaphene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
12674-11-2	roclor-1016	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	roclor-1221	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
11141-16-5	roclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	roclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	roclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	roclor-1254	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11096-82-5	roclor-1260	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

PEST													
	SAMPLE ID -------:	PIB-0-2301-05		PIB-0-2301-06		PIB-0-2301-07		PIB-0-2301-08		PIB-0-2301-09		PIE-0-2301-10	
	ORIGINAL ID -----:	PIBLKOH		PIBLK10		PIBLK1A		PIBLK1F		PIBLK1G		PIBLK1H	
	LAB SAMPLE ID ---:	PIBLKOH		PIBLK10		PIBLK1A		PIBLK1F		PIBLK1G		PIBLK1H	
	ID FROM REPORT --:	PIBLKOH		PIBLK10		PIBLK1A		PIBLK1F		PIBLK1G		PIBLK1H	
	SAMPLE DATE -----:												
	DATE ANALYZED ---:	11/27/95		11/24/95		11/25/95		11/27/95		11/27/95		11/27/95	
	MATRIX ----------:	Water		Water		Water		Water		Water		Water	
	UNITS ----------:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	nethoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	05	U	0.5	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

PEST													
	SAMPLE ID	PIB-0-M001-01		PIB-0-M001-02		PIB-0-M001-03		PIB-0-M001-04		PIB-0-M001-05		PIB-0-M001-06	
	ORIGINAL ID	PIBLK00		PIBLK0A		PIBLK0B		PIBLK0C		PIBLK0D		PIBLK0E	
	LAB SAMPLE ID	PIBLK00		PIBLK0A		PIBLK0B		PIBLK0C		PIBLK0D		PIBLK0E	
	ID FROM REPORT	PIBLK00		PIBLK0A		PIBLK0B		PIBLK0C		PIBLK0D		PIBLK0E	
	SAMPLE DATE												
	DATE ANALYZED	11/24/95		11/25/95		11/25/95		11/26/95		11/26/95		11/27/95	
	MATRIX	Uater		Uater		Uater		Uater		Water		Uater	
	UNITS	[illegible]		[illegible]		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0010		EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

PEST													
	SAMPLE ID ------->	PIB-0-M001-07		PIB-0-M001-08		PIB-0-M001-09		PIB-0-M001-10		PIS-0-MOO1-11		PIE-0-M001-12	
	ORIGINAL ID ----->	PIBLK0F		PIBLKOG		PIBLK10		PIBLK1A		PIBLK1B		PIBLK1C	
	LAB SAMPLE ID --->	PIBLKOF		PIBLKOG		PIBLK10		PIBLK1A		PIBLK1B		PIBLK1C	
	ID FROM REPORT -->	PIBLKOF		PIBLK0G		PIBLK10		PIBLK1A		PIBLK1B		PIBLK1C	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/27/95		11/27/95		11/24/95		11/25/95		11/25/95		11/26/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Uater	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EI40010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gam-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4.4'-DOE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan I I	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychtor	0.5	U	0.5	U	05	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE :2, PHASE II
Laboratory blanks

PEST													
	SAMPLE ID ------->	PIB-0-M001-13		PIB-0-M001-14		PIB-0-M001-15		PIB-0-M001-16		PIB-0-M001-17		PIB-0-M001-18	
	ORIGINAL ID ----->	PIBLK1D		PIBLK1E		PIBLK1F		PIBLK1G		PIBLK20		PIBLK2A	
	LAB SAMPLE ID --->	PIBLK1D		PIBLK1E		PIBLK1F		PIBLK1G		PIBLK20		PIBLKU	
	ID FROM REPORT -->	PIBLK1D		PIBLK1E		PIBLK1F		PIBLK1G		PIBLK20		PIBLK2A	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/26/95		11/27/95		11/27/95		11/27/95		11/28/95		11/29/95	
	MATRIX ---------->	Uater		Water		Uater		Uater		Uatrr		Uatrr	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	05	U	0.5	U	0.5	U	0.5	U	05	U	0.5	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE :2, PHASE II
Laboratory blanks

PEST													
	SAMPLE ID ------->	PIB-0-M001-19		PIB-0-MOO1-20		PIB-0-M001-21		PIB-0-MOO1-22		PLC-0-0EM0-01		PLC-0-0EM0-03	
	ORIGINAL ID ----->	PIBLK2B		PIBLK30		PIBLK3A		PIBLK3B		PLCS01		PLCS02	
	LAB SAMPLE ID --->	PIBLK2B		PIBLK30		PIBLK3A		PIBLK3B		P1107-LCS9		P1109-LCS1	
	ID FROM REPORT -->	PIBLK2B		PIBLK30		PIBLK3A		PIBLK3B		PLCS01		PLCS02	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->									11/07/95		11/09/95	
	DATE ANALYZED --->	11/29/95		11/28/95		11/29/95		11/29/95		11/30/95		11/30/95	
	MATRIX ---------->	Uater		Uater		Uater		Water		Water		Soil	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/KG	
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	040EM0	VAL	D40EM0	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.085	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.085	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.085	U
58-89-9	gam-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.036		2.4	
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.032		0.82	P
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.03		Q.87	
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.085	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.18	P
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.06	P	1.5	P
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.17	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.079		2.5	
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.17	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.17	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.17	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.073		2.4	
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.05	U	0.85	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.17	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.01	U	0.17	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.085	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.005	U	0.085	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	0.5	U	8.5	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	0.1	U	1.7	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	0.2	U	3.3	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	0.1	U	1.7	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	0.1	U	1.7	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	0.1	U	1.7	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	0.1	U	1.7	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	0.1	U	1.7	U

+ Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

PEST							
	SAMPLE ID ------->	PLC-0-2301-01					
	ORIGINAL ID ----->	PLCS01					
	LAB SAMPLE ID --->	P1107-LCS1					
	ID FROM REPORT -->	PLCS01					
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/07/95					
	DATE ANALYZED --->	11/27/95					
	MATRIX ---------->	Soil					
	UNITS ---------->	UG/KG					
CAS #	Parameter	MZ7230	VAL				
319-84-6	alpha-EHC	0.085	U				
319-85-7	beta-EHC	0.085	U				
319-86-8	delta-EHC	0.085	U				
58-89-9	gamma-BHC (Lindane)	0.085	U				
76-44-8	Heptachlor	0.43	P				
309-00-2	Aldrin	0.72	P				
1024-57-3	Heptachlor epoxide	0.085	U				
959-98-8	Endosulfah I	0.33	U				
60-57-1	Dieldrin	1.5	P				
72-55-9	4,4'-DDE	0.17	U				
72-20-8	Endrin	2.1					
33213-65-9	Endosulfan II	0.17	U				
72-54-8	4,4'-DDD	0.17	U				
1031-07-8	Endosulfan sulfate	0.17	U				
50-29-3	4,4'-DDT	2.3					
72-43-5	Methoxychlor	0.85	U				
53494-70-5	Endrin ketone	0.17	U				
7421-93-4	Endrin aldehyde	0.17	U				
5103-71-9	alpha-Chlordane	0.085	U				
5103-74-2	gamma-Chlordane	0.085	U				
8001-35-2	Toxaphene	8.5	U				
12674-11-2	Aroclor-1016	1.7	U				
11104-28-2	Aroclor-1221	3.3	U				
11141-16-5	Armlor-1232	1.7	U				
53469-21-9	Aroclor-1242	1.7	U				
12672-29-6	Aroclor-1248	1.7	U				
11097-69-1	Aroclor-1254	1.7	U				
11096-82-5	Aroclor-1260	1.7	U				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	BKL-E-W001-08		BLK-0-1901-09		BLK-0-1901-10		BLK-0-1901-11		BLK-0-1901-12		ELK-0-1901-13	
	ORIGINAL ID ----->	SBLKIR		SBLKII		SBLKDE		SBLKDO		SBLKIJ		SBLKJF	
	LAB SAMPLE ID --->	S1217-B2B		S1204-B3		SP1114-B2		SP1119-B2		SP1119-B2B		SP1119-B2C	
	ID FROM REWRT -->	SBLKIR		SBLKII		SBLKDE		SBLKDO		SBLKIJ		SBLKJF	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	12/17/95		12/04/95		11/14/95		11/19/95		11/19/95		11/19/95	
	DATE ANALYZED --->	12/28/95		12/07/95		11/21/95		11/28/95		12/07/95		12/03/95	
	MATRIX ---------->	Soil		soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EW0010	VAL	241901	VAL	241901	VAL	241901	VAL	241901	VAL	241901	VAL
108-95-2	Phenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
111-44-4	bis(2-Chloroethyl)ether	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
95-57-8	2-Chlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-48-7	2-Methylphenol (o-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
67-72-1	Hexachloroethane	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
98-95-3	Nitrobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
78-59-1	Isophorone	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-75-5	2-Nitrophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
105-67-9	2,4-Dimethylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
120-83-2	2,4-Dichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-20-3	Naphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
106-47-8	4-Chloroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
87-68-3	Hexachlorobutadiene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-57-6	2-Methylnaphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
77-47-4	Hexachlorocyclopentadiene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
91-58-7	2-Chloronaphthalene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-74-4	2-Nitroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
131-11-3	Dimethyl phthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
208-96-8	Acenaphthylene	33.	U	330.	U	330.	U	330.	U	330.	U	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
99-09-2	3-Nitroaniline	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
83-32-9	Acenaphthene	16.	U	16.	U	16.	U	16.	U	16.	U	16.	U
51-28-5	2,4-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
100-02-7	4-Nitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
132-64-9	Dibenzofuran	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

		BKL-E-W001-08		BLK-0-1901-09		BLK-0-1901-10		BLK-0-1901-11		BLK-0-1901-12		BLK-0-1901-13	
		SBLKIR		SBLKII		SBLKDE		SBLKDO		SBLKIJ		SBLKJF	
		S1217-B2B		S1204-B3		SP1114-B2		SP1119-B2		SP1119-B2B		SP1119-B2C	
		SBLKIR		SBLKII		SBLKDE		SBLKDO		SBLKIJ		SBLKJF	
		12/17/95		12/04/95		11/14/95		11/19/95		11/19/95		11/19/95	
		12/28/95		12/07/95		11/21/95		11/28/95		12/07/95		12/03/95	
		Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EW0010	VAL	241901	VAL	241901	VAL	241901	VAL	241901	VAL	241901	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
84-66-2	Diethylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
7005-72-3	4-Chlorophenyl phenylether	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
86-73-7	Fluorene	16.	U	16.	U	16.	U	16.	U	16.	U	16.	U
100-01-6	4-Nitroaniline	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
86-30-6	N-Nitrosodiphenylamine	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
118-74-1	Hexachlorobenrene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
87-86-5	Pentachlorophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
85-01-8	Phenanthrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
120-12-7	Anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
84-74-2	Di-n-butylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
206-44-0	Fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
86-74-8	Carbazole	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
129-00-0	Pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
85-68-7	Butylbenzylphthalate	330.	U	330.	U	330.	U	44.	J	40.	J	54.	J
91-94-1	3,3'-Dichlorobenzidine	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
56-55-3	Benzo(a)anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
218-01-9	Chrysene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U	330.	U	67.	J	160.	J	130.	J	170.	J
117-84-0	Di-n-octyl phthalate	330.	U	330.	U	330.	U	330.	U	330.	U	70.	J
205-99-2	Benzo(b)fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
207-08-9	Benzo(k)fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
50-32-8	Benzo(a)pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
53-70-3	Dibenz(a,h)anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
191-24-2	Benzo(g,h,i)perylene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	BLK-0-8030-08		BLK-0-8030-09		BLK-0-8030-10		BLK-E-W001-05		BLK-E-W001-07		SBL-0-DEMO-01	
	ORIGINAL ID ----->	SBLKDU		SBLKDF		SBLKII		SBLKJR		SBLKAQ		SBLKDN	
	LAB SAMPLE ID --->	SP1106-B4		SP1116-B6		SP1116-B6B		S1217-B2C		S1217-B2		S1106-B5	
	ID FROM REPORT -->	SBLKDU		SBLKDF		SBLKII		SBLKJR		SBLKAQ		SBLKDN	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/06/95		11/16/95		11/16/95		12/17/95		12/17/95		11/06/95	
	DATE ANALYZED --->	11/15/95		11/21/95		11/21/95		01/03/96		12/28/95		11/08/95	
	MATRIX ---------->	Soil		soil		soil		Soil		Soil		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/L	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	EW0010	VAL	EW0010	VAL	040EMO	VAL
108-95-2	Phenol	330.	U	330.	U	330.	U	330.	U	330.	U	1.	J
111-44-4	bis(2-Chloroethyl)ether	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
95-57-8	2-Chlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	1.	J
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
95-50-1	1,2-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
95-48-7	2-Methylphenol (0-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
67-72-1	Hexachloroethane	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
98-95-3	Nitrobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
78-59-1	Isophorone	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
88-75-5	2-Nitrophenol	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
105-67-9	2,4-Dimethylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
120-83-2	2,4-Dichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
91-20-3	Naphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
106-47-8	4-Chloroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
87-68-3	Hexachlorobutadiene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
91-57-6	2-Methylnaphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
77-47-4	Hexbchlorocyclopentadiene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	800.	U	800.	U	800.	U	800.	U	25.	U
91-58-7	2-Chloronaphthalene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
88-74-4	2-Nitroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
131-11-3	Dimethyl phthalate	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
208-96-8	Acenaphthylene	330.	U	330.	U	330.	U	33.	U	33.	U	10.	U
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
99-09-2	3-Nitroaniline	800.	U	800.	U	800.	U	800.	U	800.	U	25.	U
83-32-9	Acenaphthene	16.	U	16.	U	16.	U	16.	U	16.	U	0.5	U
51-28-5	2,4-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	25.	U
100-02-7	4-Nitrophcnol	800.	U	800.	U	800.	U	800.	U	800.	U	25.	U
132-64-9	Dibenzofuran	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

		ELK-0-8030-08		BLK-0-8030-09		ELK-0-8030-10		ELK-E-Wool-05		BLK-E-W001-07		SBL-0-0EMO-01	
		SBLKDW		SBLKDF		SBLKII		SBLKJR		SBLKAP		SBLKDN	
		SP1106-B4		SP1116-B6		SP1116-B6B		S1217-B2C		S1217-B2		S1106-B5	
		SBLKDU		SBLKDF		SBLKII		SBLKJR		SELKAP		SBLKDN	
		11/06/95		11/16/95		11/16/95		12/17/95		12/17/95		11/06/95	
		11/15/95		11/21/95		11/21/95		01/03/96		12/28/95		11/08/95	
		Soil		Soll		Soil		Soil		Soil		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/L	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	EW0010	VAL	EW0010	VAL	040EMO	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
84-66-2	Dicthylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
86-73-7	Fluorene	16.	U	16.	U	16.	U	16.	U	16.	U	0.5	U
100-01-6	4-Nitroaniline	800.	U	800.	U	800.	U	800.	U	800.	U	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	25.	U
86-30-6	N-Nitrosodiphenylamine	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
118-74-1	Hexachlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
87-86-5	Pentachlorophenol	800.	U	800.	U	800.	U	800.	U	800.	U	25.	U
85-01-8	Phenanthrene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
120-12-7	Anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
84-74-2	Di-n-butylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
206-44-0	Flwranthene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
86-74-8	Carbazole	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
129-00-0	Pyrcnc	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
85-68-7	Butylbenzylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	330.	U	330.	U	330.	U	330.	U	330.	U	10.	U
56-55-3	Benzo(a)anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
218-01-9	Chrysene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	66.	J	110.	J	74.	J	330.	U	330.	U	10.	U
117-84-0	Di-n-octyl phthalate	330.	U	330.	U	330.	U	330.	U	330,	U	10.	U
205-99-2	Benzo(b)fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
207-08-9	Benzo(k)fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
50-32-8	Benzo(a)pyrene	330.	U	330.	U	330.	U	33.	U	33.	U	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U
53-70-3	Dibenz(a,h)anthracene	330.	U	330.	U	330.	U	33.	U	33.	U	1.	U
191-24-2	Benzo(g,h,i)perylene	33.	U	33.	U	33.	U	33.	U	33.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA															
	SAMPLE ID ------->	SBL-0-OEMO-02		SBL-0-OEHO-03		SBL-0-1001-01		SBL-0-1001-02		SBL-0-1001-03		SBL-0-1001-04	
	ORIGINAL ID ----->	SBLKDH		SBLKIJ		SBLKAY		SBLKID		SBLKAC		SBLKJQ	
	LAB SAMPLE ID --->	SP1109-B1		SP1109-B1B		S1206-B3		S1206-B3B		S1212-B9		S1221-B4	
	ID FROM REPORT -->	SBLKDH		SBLKIJ		SBLKAY		SBLKID		SBLKAC		SBLKJQ	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/06/95		11/09/95		12/06/95		12/06/95		12/12/95		12/21/95	
	DATE ANALYZED --->	11/21/95		11/21/95		12/12/95		12/19/95		12/16/95		01/04/96	
	MATRIX ---------->	Soil		Soil		soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EMO	VAL	040EMO	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL
108-95-2	Phenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
111-44-4	bis(2-Chloroethyl)ether	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
95-57-8	2-Chlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-48-7	2-Methylphenol (o-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
67-72-1	Hexachloroethane	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
98-95-3	Nitrobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
78-59-1	Isophorone	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-75-5	2-Nitrophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
105-67-9	2,4-Dimethylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
120-83-2	2,4-Dichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-20-3	Naphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
106-47-8	4-Chloroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
87-68-3	Hexechlorobutadiene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-57-6	2-Methylnaphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
77-47-4	Hexachlorocyclopentadiene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
91-58-7	2-Chloronephthalene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-74-4	2-Nitroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
131-11-3	Dimethyl phthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
208-96-8	Acenaphthylene	330.	U	330.	U	33.	U	33.	U	33.	U	33.	U
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
99-09-2	3-Witroanilinc	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
83-32-9	Acenaphthene	16.	U	16.	U	16.	U	16.	U	16.	U	16.	U
51-28-5	2,4-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
100-02-7	4-Nitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
132-64-9	Dibenzofuran	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U

*** Validation Complete *+*

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	SBL-0-0EM0-02		SBL-0-DEM0-03		SBL-0-1001-01		SBL-0-1001-02		SBL-0-1001-03		SBL-0-1001-04	
	ORIGINAL ID ----->	SBLKDH		SBLKIJ		SBLKAY		SBLKID		SBLKAC		SBLKJQ	
	LAB SAMPLE ID --->	SP1109-B1		SP1109-B1B		S1206-B3		S1206-B3B		S1212-B9		S1221-B4	
	ID FROM REPORT -->	SBLKDH		SBLKIJ		SBLKAY		SBLKID		SBLKAC		SBLKJQ	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/06/95		11/09/95		12/06/95		12/06/95		12/12/95		12/21/95	
	DATE ANALYZED --->	11/21/95		11/21/95		12/12/95		12/19/95		12/16/95		01/04/96	
	MATRIX ---------->	Soil		Soil		Soil		soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	231001	VAL	231001	VAL	231001	VAL	231001	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
84-66-2	Diethylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
7005-72-3	4-Chlorophenylphenylether	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
86-73-7	Fluorene	16.	U	16.	U	16.	U	16.	U	16.	U	16.	U
100-01-6	4-Nitroaniline	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
86-30-6	N-Nitrosodiphenylamine	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
118-74-1	Hexachlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
87-86-5	Pentachlorophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
85-01-8	Phenanthrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
120-12-7	Anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
84-74-2	Di-n-butylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
206-44-0	Fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
86-74-8	Carbazole	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
129-00-0	Pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
85-68-7	Butylbenzylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-94-1	3,3'-Dichlorobenzidine	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
56-55-3	Benzo(a)anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
218-01-9	Chrysene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	100.	J	66.	J	49.	J	55.	J	40.	J	52.	J
117-84-0	Di-n-octyl phthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
205-99-2	Benzo(b)fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
207-08-9	Benzo(k)fluoranthme	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
50-32-8	Benzo(a)pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
53-70-3	Dibenz(a,h)anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
191-24-2	Benzo(g,h,i)perylene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA															
	SAMPLE ID -------->	SBL-0-1010-01		SBL-0-1010-10		SBL-0-1010-11		SBL-0-2301-01		SBL-0-2301-02		SBL-0-2301-03	
	ORIGINAL ID ----->	SBLKJU		SBLKJX		SBLKDS		SBLKDM		SBLKII		SBLKDG	
	LAB SAMPLE ID --->	BS0212-B1		S0210-B1		SO212-B1		S1124-B1		S1205-B2		SP1107-B1	
	ID FROM REPORT -->	SBLKJU		SBLKJX		SBLKDS		SBLKDM		SBLKII		SBLKDG	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	02/12/96		02/10/96		02/12/96		11/24/95		11/17/95		11/07/95	
	DATE ANALYZED --->	02/19/96		02/21/96		02/19/96		11/28/95		12/07/95		11/22/95	
	MATRIX ---------->	Soil		Water		soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	MZ1010	VAL	MZ1010	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
108-95-2	Phenol	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
111-44-4	bis(2-Chloroethyl)ether	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
95-57-8	2-Chlorophenol	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
95-48-7	2-Methylphenol (O-Cresol)	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
67-72-1	Hexachloroethane	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
98-95-3	Nitrobenzene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
78-59-1	Isophorone	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
88-75-5	2-Nitrophenol	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
105-67-9	2,4-Dimethylphenol	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
120-83-2	2,4-Dichlorophenol	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
91-20-3	Naphthalene	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
106-47-8	4-Chloroaniline	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
87-68-3	Hexachlorobutadiene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
91-57-6	2-Methylnaphthalene	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
77-47-4	Hexachlorocyclopentadiene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	25.	U	800.	U	800.	U	800.	U	800.	U
91-58-7	2-Chloronaphthalene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
88-74-4	2-Nitroaniline	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
131-11-3	Dimethyl phthalate	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
208-96-8	Acenaphthylene	33.	U	1.	U	33.	U	330.	U	330.	U	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
99-09-2	3-Nitroaniline	800.	U	25.	U	800.	U	800.	U	800.	U	800.	U
83-32-9	Acenaphthene	16.	U	0.5	U	16.	U	16.	U	16.	U	16.	U
51-28-5	2,4-Dinitrophenol	800.	U	25.	U	800.	U	800.	U	800.	U	800.	U
100-02-7	4-Nitrophenol	800.	U	25.	U	800.	U	800.	U	800.	U	800.	U
132-64-9	Dibenzofuran	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA															
	SAMPLE ID ------->	SBL-0-1010-01		SBL-0-1010-10		SBL-0-1010-11		SBL-0-2301-01		SBL-0-2301-02		SBL-0-2301-03	
	ORIGINAL ID ----->	SBLKJU		SBLKJX		SBLKDS		SBLKDM		SBLKII		SBLKDG	
	LAB SAMPLE ID --->	BS0212-B1		S0210-B1		S0212-B1		S1124-B1		S1205-B2		SP1107-B1	
	ID FROM REPORT -->	SBLKJU		SBLKJX		SBLKDS		SBLKDM		SBLKII		SBLKDG	
	SAMPLE MTE ----->												
	DATE EXTRACTED -->	02/12/96		02/10/96		02/12/96		11/24/95		11/17/95		11/07/95	
	DATE ANALYZED --->	02/19/96		02/21/96		02/19/96		11/28/95		12/07/95		11/22/95	
	MATRIX ---------->	Soil		Water		Soil		Soil		Snil		soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	MZ1010	VAL	MZ1010	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
84-66-2	Diethylphthalate	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
7005-72-3	4-Chlorophenylphenylether	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
86-73-7	Fluorene	16.	U	0.5	U	16.	U	16.	U	16.	U	16.	U
100-01-6	4-Nitroaniline	800.	U	25.	U	800.	U	800.	U	800.	U	800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	25.	U	800.	U	800.	U	800.	U	800.	U
86-30-6	N-Nitrosodiphenylamine	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
118-74-1	Hexachlorobenzene	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
87-86-5	Pentachlorophenol	800.	U	25.	U	800.	U	800.	U	800.	U	800.	U
85-01-8	Phenanthrene	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
120-12-7	Anthracene	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
84-74-2	Di-n-butylphtha1ate	330.	U	10.	U	21.	J	330.	U	330.	U	330.	U
206-44-0	Fluorsnthene	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
86-74-8	Carbazole	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
129-00-0	Pyrene	33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
85-68-7	Butylbenzylphtha1ate	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
91-94-1	3,3'-Dichlorobenzidine	330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
		93.	J	2.	J	71.	J	150.	J	45.	J	83.	J
		330.	U	10.	U	330.	U	330.	U	330.	U	330.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U
		33.	U	1.	U	33.	U	33.	U	33.	U	33.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE :2, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	SBL-0-2301-04		SBL-0-2301-05		SBL-0-2301-06		SBL-0-2301-07		SBL-0-2401-17		SBL-0-2401-18	
	ORIGINAL ID ----->	SELKJR		SBLKAL		SBLKIH		SBLKJV		SBLKIF		SBLKJJ	
	LAB SAMPLE ID --->	SP1107-B1B		SP1107-B1C		SP1117-B5		SP1117-B5B		S0113-B1		S0114-B2	
	ID FROM REPORT -->	SBLKJR		SELKAL		SBLKIM		SBLKJV		SBLKIF		SBLKJJ	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/17/95		11/07/95		11/17/95		11/17/95		01/13/96		01/14/96	
	DATE ANALYZED --->	11/21/95		12/04/95		11/22/95		11/24/95		01/17/96		01/23/96	
	MATRIX ---------->	Soil		Soi1		Soi1		Soil		Water		soi1	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/L		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	Z50801	VAL	250801	VAL
108-95-2	Phenol	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
111-44-4	bis(2-Chloroethyl)ether	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
95-57-8	2-Chlorophenol	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
95-48-7	2-Methylphenol (o-Cresol)	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
67-72-1	Hexachloroethane	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
98-95-3	Nitrobenzene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
78-59-1	Isophorone	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
88-75-5	2-Nitrophenol	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
105-67-9	2,4-Dimethylphenol	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
120-83-2	2,4-Dichlorophenol	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
91-20-3	Naphthalene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
106-47-8	4-Chloroaniline	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
87-68-3	Hexachlorobutadiene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
91-57-6	2-Methylnaphthalene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
77-47-4	Hexachlorocyclopentadiene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	800.	U	800.	U	800.	U	25.	U	800.	U
91-58-7	2-Chloronaphthalene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
88-74-4	2-Nitroaniline	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
131-11-3	Dimethyl phthalate	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
208-96-8	Acenaphthylene	330.	U	330.	U	330.	U	330.	U	1.	U	33.	U
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
99-09-2	3-Nitroaniline	800.	U	800.	U	800.	U	800.	U	25.	U	800.	U
83-32-9	Acenaphthene	16.	U	16.	U	16.	U	16.	U	0.5	U	16.	U
51-28-5	2,4-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	2s.	U	800.	U
100-02-7	4-Nitrophenol	800.	U	800.	U	800.	U	800.	U	2s.	U	800.	U
132-64-9	Dibenzofuran	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	SBL-0-2301-04		SBL-0-2301-05		SBL-0-2301-06		SBL-0-2301-07		SBL-0-2401-17		SBL-0-2401-18	
	ORIGINAL ID ----->	SBLKJR		SBLKAL		SBLKIM		SBLKJV		SBLKIF		SBLKJJ	
	LAB SAMPLE ID --->	SP1107-B1B		SP1107-B1C		SP1117-65		SP1117-B5B		S0113-E1		S0114-E2	
	ID FROM REPORT -->	SBLKJR		SBLKAL		SBLKIM		SBLKJV		SBLKIF		SBLKJJ	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/17/95		11/07/95		11/17/95		11/17/95		01/13/96		01/14/96	
	DATE ANALYZED --->	11/21/95		12/04/95		11/22/95		11/24/95		01/17/96		01/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Water		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/L		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	Z50801	VAL	Z50801	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
84-66-2	Diethylphthalate	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
7005-72-3	4-Chlorophenylphenylether	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
86-73-7	Fluarene	16.	U	16.	U	16.	U	16.	U	0.5	U	16.	U
100-01-6	4-Nitroaniline	800.	U	800.	U	800.	U	800.	U	25.	U	800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	25.	U	800.	U
86-30-6	N-Nitrosdiphenylamine	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
118-74-1	Hexachlorobenzene	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
87-86-5	Pentachlorophenol	800.	U	800.	U	800.	U	800.	U	25.	U	800.	U
85-01-8	Phenanthrene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
120-12-7	Anthracene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
84-74-2	Di-n-butylphthalate	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
206-44-0	Fluoranthene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
86-74-8	Carbazole	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
129-00-0	Pyrene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
85-68-7	Butylbenzylphthalate	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
91-94-1	3,3'-Dichlorobenzidine	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
56-55-3	Benzo(a)anthracene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
218-01-9	Chrysene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	100.	J	83.	J	69.	J	78.	J	1.	J	330.	U
117-84-0	Di-n-octyl phthalate	330.	U	330.	U	330.	U	330.	U	10.	U	330.	U
205-99-2	Benzo(b)fluoranthene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
207-08-9	Benzo(k)fluoranthene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
50-32-8	Benzo(a)pyrene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
53-70-3	Dibenz(a,h)anthracene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U
191-24-2	Benzo(g,h,i)perylene	33.	U	33.	U	33.	U	33.	U	1.	U	33.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	SBL-0-2401-19		SBL-0-6020-01		SBL-0-6020-02		SBL-0-6020-03		SBL-0-6020-14		SBL-K-AR00-00	
	ORIGINAL ID ----->	SBLKDH		SBLKDW		SBLKIF		SBLKJP		SBLKAB		SBLKAR	
	LAB SAMPLE ID --->	S0116-B1		BS0211-B2		CS0211-B2		CS0211-B2B		S0211-B2		S1212-B2	
	ID FROM REPORT -->	SBLKDH		SBLKDW		SBLKIF		SBLKJP		SBLKAB		SBLKAR	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	01/16/96		32/ 11/96		02/11/96		02/11/96		12/11/96		12/12/95	
	DATE ANALYZED --->	01/23/96		32/22/96		02/14/96		02/15/96		12/14/96		12/28/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		soil	
	UNITS ---------->	UG/KG		JG/KG		UG/KG		UG/KG		JG/KG		UG/KG	
CAS #	Parameter	250801	VAL	1126020	VAL	MZ6020	VAL	MZ6020	VAL	126020	VAL	EM0050	VAL
108-95-2	Phenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
111-44-4	bis(2-Chloroethyl)ether	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
95-57-8	2-Chlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-48-7	2-Methylphenol (a-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
67-72-1	Hexachloroethane	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
98-95-3	Nitrobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
78-59-1	Isophorone	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-75-5	2-Nitrophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
105-67-9	2,4-Dimethylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
120-83-2	2,4-Dichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-20-3	Naphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
106-47-8	4-Chloroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
87-68-3	Hexachlorobutadiene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-57-6	2-Methylnaphthalene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
77-47-4	Hexachlorocyclopentadiene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
91-58-7	2-Chloronaphthalene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
88-74-4	2-Nitroaniline	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
131-11-3	Dimethyl phthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
208-96-8	Acenaphthylene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
99-09-2	3-Nitroaniline	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
83-32-9	Acenaphthene	16.	U	16.	U	16.	U	16.	U	16.	U	16.	U
51-28-5	2,4-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
100-02-7	4-Nitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
132-64-9	Dibenzofuren	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	SBL-0-2401-19		SBL-0-6020-01		SBL-0-6020-02		SBL-0-6020-03		SBL-0-6020-14		SBL-K-AR00-00	
	ORIGINAL ID ----->	SBLKDH		SBLKDU		SBLKIF		SBLKJP		SBLKAB		SBLKAR	
	LAB SAMPLE ID --->	S0116-B1		BS0211-e2		CS0211-B2		CS0211-B2B		S0211-B2		S1212-B2	
	ID FROM REPORT -->	SBLKDH		SBLKDU		SBLKIF		SBLKJP		SBLKAB		SBLKAR	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	01/16/96		02/11/96		02/11/96		02/11/96		02/11/96		12/12/95	
	DATE ANALYZED --->	01/23/96		02/22/96		02/14/96		02/15/96		02/14/96		12/28/95	
	MATRIX ---------->	Soil		Soil		soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	250801	VAL	MZ6020	VAL	MZ6020	VAL	MZ6020	VAL	MZ6020	VAL	EM0050	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
84-66-2	Diethylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
7005-72-3	4-Chlorophenylphenylether	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
86-73-7	Fluorene	16.	U	16.	U	16.	U	16.	U	16.	U	16.	U
100-01-6	4-Nitroaniline	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
86-30-6	N-Nitrosodiphenylamine	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
118-74-1	Hexachlorobenzene	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
87-86-5	Pentachlorophenal	800.	U	800.	U	800.	U	800.	U	800.	U	800.	U
85-01-8	Phenanthrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
120-12-7	Anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
84-74-2	Di-n-butylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
206-44-0	Fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
86-74-8	Carbazole	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
129-00-0	Pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
85-68-7	Butylbenzylphthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
91-94-1	3,3'-Dichlorobenzidine	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
56-55-3	Benzo(a)anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
218-01-9	Chrysene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	33.	J	330.	U	330.	U	330.	U	330.	U	61.	J
117-84-0	Di-n-octyl phthalate	330.	U	330.	U	330.	U	330.	U	330.	U	330.	U
205-99-2	Benzo(b)fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
207-08-9	Benzo(k)fluoranthene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
50-32-8	Benzo(a)pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
53-70-3	Dibenz(a,h)anthracene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U
191-24-2	Benzo(g,h,i)perylene	33.	U	33.	U	33.	U	33.	U	33.	U	33.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA															
	SAMPLE ID ------->	SBL-K-IG11-30		SBL-K-IP00-00		SBL-K-JP00-00		SBL-0-M001-01		SBL-0-M001-02		SBL-0-M001-03	
	ORIGINAL ID ----->	SBLKIG		SBLKIP		SBLKJP		SBLKID		SBLKDT		SBLKJF	
	LAB SAMPLE ID --->	S1130-B5		S1212-B2B		S1230-B2		S0126-B3		S1105-B2		S1105-B2B	
	ID FROM REPORT -->	SBLKIG		SBLKIP		SBLKJP		SBLKID		SBLKDT		SBLKJF	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/30/95		12/12/95		12/30/95		10/26/95		11/05/95		11/03/95	
	DATE ANALYZED --->	12/05/95		01/04/96		01/03/96		10/27/95		11/13/95		11/13/95	
	MATRIX ---------->	soil		Soil		Soil		Water		Soil		soi1	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/L		UG/KG		UG/KG	
CAS #	Parameter	253301	VAL	EM0050	VAL	EM0050	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
108-95-2	Phenol	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
111-44-4	bis(2-Chloroethyl)ether	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
95-57-8	2-Chlorophenol	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
95-48-7	2-Methylphenol (0-Cresol)	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
67-72-1	Hexachloroethane	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
98-95-3	Nitrobenzene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
78-59-1	Isophorone	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
88-75-5	2-Nitrophenol	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
105-67-9	2,4-Dimethylphenol	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
120-83-2	2,4-Dichlorophenol	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
91-20-3	Naphthalene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
106-47-8	4-Chloroaniline	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
87-68-3	Hexachlorobutadiene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
91-57-6	2-Methylnaphthalene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
77-47-4	Hexachlorocyclopentadiene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	800.	U	800.	U	25.	U	800.	U	800.	U
91-58-7	2-Chloronaphthalene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
88-74-4	2-Nitroaniline	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
131-11-3	Dimethyl phthalate	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
208-96-8	Acenaphthylene	33.	U	33.	U	33.	U	10.	U	330.	U	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
99-09-2	3-Nitroaniline	800.	U	800.	U	800.	U	25.	U	800.	U	800.	U
83-32-9	Acenaphthene	16.	U	16.	U	16.	U	0.5	U	16.	U	16.	U
51-28-5	2,4-Dinitrophenol	800.	U	800.	U	800.	U	25.	U	800.	U	800.	U
100-02-7	4-Nitrophenol	800.	U	800.	U	800.	U	25.	U	800.	U	800.	U
132-64-9	Dibenzofuran	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	SBL-K-IG11-30		SBL-K-IP00-00		SBL-K-JP00-00		SBL-0-M001-01		SBL-0-M001-02		SBL-0-M001-03	
	ORIGINAL ID ----->	SBLKIG		SBLKIP		SBLKJP		SBLKID		SBLKDT		SBLKJF	
	LAB SAMPLE ID --->	S1130-B5		S1212-B2B		S1230-B2		S0126-B3		S1105-B2		S1105-B2B	
	ID FROM REPORT -->	SBLKIG		SBLKIP		SBLKJP		SBLKID		SBLKDT		SBLKJF	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/30/95		12/12/95		12/30/95		10/26/95		11/05/95		11/03/95	
	DATE ANALYZED --->	12/05/95		01/04/96		01/03/96		10/27/95		11/13/95		11/13/95	
	MATRIX ---------->	Soil		soil		soil		Water		soil		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/L		UG/KG		UG/KG	
CAS #	Parameter	Z53301	VAL	EM0050	VAL	EM0050	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
84-66-2	Diethylphthalate	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
7005-72-3	4-Chlorophenylphenylether	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
86-73-7	fluorene	16.	U	16.	U	16.	U	0.5	U	16.	U	16.	U
100-01-6	4-Nitroaniline	800.	U	800.	U	800.	U	25.	U	800.	U	800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	800.	U	800.	U	25.	U	800.	U	800.	U
86-30-6	N-Nitrosodiphenylamine	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
118-74-1	Hexachlorobenzene	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
87-86-5	Pentachlorophenol	800.	U	800.	U	800.	U	25.	U	800.	U	800.	U
85-01-8	Phenanthrene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
120-12-7	Anthracene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
84-74-2	Di-n-butylphthalate	25.	J	330.	U	330.	U	10.	U	330.	U	330.	U
206-44-0	Fluoranthene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
86-74-8	Carbazole	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
129-00-0	Pyrene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
85-68-7	Butylbenzylphthalate	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
91-94-1	3,3'-Dichlorobenzidine	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
56-55-3	Benzo(a)anthracene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
218-01-9	Chrysene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	17.	J	330.	U	330.	U	1.	J	150.	J	110.	J
117-84-0	Di-n-octyl phthalate	330.	U	330.	U	330.	U	10.	U	330.	U	330.	U
205-99-2	Benzo(b)fluoranthene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
207-08-9	Benzo(k)fluoranthene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
50-32-8	Benzo(a)pyrene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
53-70-3	Dibenz(a,h)anthracene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U
191-24-2	Benzo(g,h,i)perylene	33.	U	33.	U	33.	U	1.	U	33.	U	33.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA															
	SAMPLE ID ------->	SBL-0-M001-04		SLC-0-0EM0-01		SLC-0-0EM0-02		SLC-0-2301-01		SLC-0-M001-01		SLC-0-M001-02	
	ORIGINAL ID ----->	SBLKDF		SLCSOI		SLCS02		SLCSOI		SLCS02		SLCS01	
	LAB SAMPLE ID --->	SP1116-B6		S1106-MBS5		SP1109LCS1		SP1107LCS1		S1026-LCS3		S1105-LCS2	
	ID FROM REPORT -->	SBLKDF		SLCSOI		SLCS02		SLCS01		SLCS02		SLCS01	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/16/95		11/06/95		11/09/95		11/07/95		10/26/95		11/05/95	
	DATE ANALYZED --->	11/21/95		11/08/95		11/20/95		11/21/95		10/27/95		11/13/95	
	MATRIX ---------->	Soil		Water		Soil		Soi1		Uater		Soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/L		UG/KG	
CAS #	Parameter	EM0010	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	EM0010	VAL	EM0010	VAL
108-95-2	Phenol	330.	U	40.	B	1400.		1100.		49.		1700.	
111-44-4	bis(2-Chloroethyl)ether	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
95-57-8	2-Chlorophenol	330.	U	41.	B	1300.		1200.		49.		1600.	
541-73-1	1,3-Dichlorobenzene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U	27.		940.		890.		31.		1200.	
95-50-1	1,2-Dichlorobenzene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
95-48-7	2-Methylphenol (0-Cresol)	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
106-44-5	4-Methylphenol (p-Cresol)	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	33.	U	37.		770.		600.		34.		1100.	
67-72-1	Hexachloroethane	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
98-95-3	Nitrobenzene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
78-59-1	Isophorone	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
88-75-5	2-Nitrophenol	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
105-67-9	2,4-Dimethylphenol	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
120-83-2	2,4-Dichlorophenol	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	29.		1000.		980.		34.		1200.	
91-20-3	Naphthalene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
106-47-8	4-Chloroaniline	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
87-68-3	Hexachlorobutadiene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U	46.		1200.		1100.		67.		1500.	
91-57-6	2-Methylnaphtha1ene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
77-47-4	Hexachlorocyclopentaditne	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	25.	U	800.	U	800.	U	25.	U	800.	U
91-58-7	2-Chloronaphthalene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
88-74-4	2-Nitroaniline	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
131-11-3	Dimethyl phthalate	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
208-96-8	Acenaphthylene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
99-09-2	3-Nitroaniline	800.	U	25.	U	800.	U	800.	U	25.	U	800.	U
83-32-9	Acenaphthene	16.	U	30.		1100.		950.		36.		1200.	
51-28-5	2,4-Dinitrophenol	800.	U	25.	U	800.	U	800.	U	25.	U	800.	U
100-02-7	4-Mitrophenol	800.	U	47.		1500.		1100.		56.		1600.	
132-64-9	Dibenzofuran	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

SVOA													
	SAMPLE ID ------->	SBL-0-MOO1-04		SLC-0-OEMO-01		SLC-0-OEMO-02		SLC-0-2301-01		SLC-0-M001-01		SLC-0-M001-02	
	ORIGINAL ID ----->	SBLKDF		SLCS01		SLCS02		SLCS01		SLCS02		SLCS01	
	LAB SAMPLE ID --->	SP1116-B6		S1106-MBS5		SP1109LCS1		SP1107LCS1		S1026-LCS3		S1105-LCS2	
	ID FROM REPORT -->	SBLKDF		SLCS01		SLCS02		SLCS01		SLCS02		SLCS01	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	11/16/95		11/06/95		11/09/95		11/07/95		10/26/95		11/05/95	
	DATE ANALYZED --->	11/21/95		11/08/95		11/20/95		11/21/95		10/27/95		11/13/95	
	MATRIX ---------->	Soil		Water		soil		Soil		Water		Soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/L		UG/KG	
CAS #	Parameter	EM0010	VAL	040EMO	VAL	040EMO	VAL	MZ7230	VAL	EM0010	VAL	EM0010	VAL
121-14-2	2,4-Dinitrotoluene	330.	U	31.		1000.		780.		35.		1200.	
84-66-2	Diethylphthalate	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
7005-72-3	4-Chlorophenylphenylether	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
86-73-7	Fluorene	16.	U	0.5	U	16.	U	16.	U	0.5	U	16.	U
100-01-6	4-Nitroaniline	800.	U	25.	U	800.	U	800.	U	25.	U	800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	25.	U	800.	U	800.	U	25.	U	800.	U
86-30-6	N-Nitrosodiphenylamine	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
118-74-1	Hexachlorobenzene	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
87-86-5	Pentachlorophenol	800.	U	56.		1900.		960.		81.	E	1700.	
85-01-8	Phenanthrene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
120-12-7	Anthracene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
84-74-2	Di-n-butylphthalate	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
206-44-0	Fluoranthene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
86-74-8	Carbazole	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
129-00-0	Pyrene	33.	U	29.		1100.		1100.		38.		1200.	
85-68-7	Butylbenzylphthalate	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
91-94-1	3,3'-DichLorobenzidine	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
56-55-3	Benzo(a)anthracene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
218-01-9	Chrysene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	110.	J	2.	J	69.	BJ	63.	BJ	10.	U	160.	BJ
117-84-0	Di-n-octyl phthalate	330.	U	10.	U	330.	U	330.	U	10.	U	330.	U
205-99-2	Benzo(b)fluoranthene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
207-08-9	Benzo(k)fluorenthene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
50-32-8	Benzo(a)pyrene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
53-70-3	Dibenz(a,h)anthracene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U
191-24-2	Benzo(g,h,i)perylene	33.	U	1.	U	33.	U	33.	U	1.	U	33.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	OPB-0-1001-01	OPB-0-1001-02	OPB-0-2401-11	OPB-0-2401-12	(MC-0-1001-01	OQC-0-1001-02
	ORIGINAL ID ----->	PB_1227	PB_1228	PB_0117	PB_0122	QC_1227_A	QC_1227_B
	LAB SAMPLE ID --->	PB_1227	PB_1228	PB_0117	PB_0122	QC_1227-A	QC_1227_B
	ID FROM REPORT -->	PB_1227	PB_1228	PB_0117	PB_0122	QC_1227_A	QC_1227_B
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	12/27/96	12/28/96	01/17/96	01/22/96	'12/27/96	12/27/96
	DATE ANALYZED --->	12/27/96	12/28/96	01/17/96	01/22/96	'12/27/96	12/27/96
	MATRIX ---------->	Soil	Soil	soil	Soil	Soil	soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	231001	231001	250801	250801	:131001	231001
999900-01-4	otal Organic Carbon (TOC)	50. U	50. U	50. U	50. U	18320.	20000.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	OQC-0-1001-03	OPC-0-1001-04	OQC-0-2401-13	OQC-0-2401-14	OQC-0-2401-15	OQC-0-2401-16
	ORIGINAL ID ----->	QC_1228_A	QC_1228_B	QC_0117_A	QC_0117_B	QC_0122_A	QC_0122_B
	LAB SAMPLE ID --->	QC_1228_A	QC_1228_B	QC_0117_A	QC_0117_B	QC_0122_A	QC_0122_B
	ID FROM REPORT -->	QC_1228_A	QC_1228_B	QC_0117_A	QC_0117_B	QC_0122_A	QC_0122_B
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	12/28/96	12/28/96	01/17/96	01/17/96	01/22/96	01/22/96
	DATE ANALYZED --->	12/28/96	12/28/96	01/17/96	01/17/96	01/22/96	01/22/96
	MATRIX ---------->	Soil	Soil	soil	Soil	Soil	soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	231001	231001	250801	250801	250801	250801
9999900-01-4	Total Organic Carbon (TOC)	19680.	20000.	19600.	19400.	20100.	19600.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	OQC-0-M001-01	OQC-0-M001-02	OQC-0-M001-03	OQC-0-M001-04	BLK-0-1010-04	BLK-0-1010-05
	ORIGINAL ID ----->	QC_1101_F	QC_1101_I	QC_1102_F	QC_1102_I	PB_0229	PB_0302
	LAB SAMPLE ID --->	QC_1101_F	QC_1101_I	QC_1102_F	QC_1102_I	PB_0229	PB_0302
	ID FROM REPORT -->	QC_1101_F	QC_1101_I	QC_1102_F	QC_1102_I	PB_0229	PB_0302
	SAMPLE DATE ----->						
	DATE EXTRACTED -->					02/29/96	03/02/96
	DATE ANALYZED --->	11/22/95	11/22/95	11/22/95	11/22/95	02/29/96	03/02/96
	MATRIX ---------->	Soil	soil	soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	EM0010	EM0010	EM0010	EM0010	MZ1010	MZ1010
999900-01-4	Total Organic Carbon (TOC)	19700.	19100.	19200.	20900.	50. U	50. U

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	BLK-0-1010-06	BLK-0-1010-07	BLK-0-1010-08	BLK-0-1010-09	BLK-0-1101-05	ELK-0-1101-06
	ORIGINAL ID ----->	QC_0229_A	QC_0229_B	QC_0302_A	QC_0302_B	PBS_1120	PBS_1121
	LAB SAMPLE ID --->	QC_0229_A	QC_0229_B	QC_0302_A	QC_0302_B	PBS_1120	PBS_1121
	ID FROM REPORT -->	QC_0229_A	QC_0229_B	QC_0302_A	QC_0302_B	PBS_1120	PBS_1121
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	02/29/96	02/29/96	03/02/96	03/02/96	11/20/95	11/21/95
	DATE ANALYZED --->	02/29/96	02/29/96	03/02/96	03/02/96	11/20/95	11/21/95
	MATRIX ---------->	Soil	Soil	soil	soil	Soil	soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	MZ1010	MZ1010	MZ1010	MZ1010	261101	261101
999900-01-4	Total Organic Carbon (TOC)	18100.	18700.	18400.	18500.	50. U	50. U

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC	SAMPLE ID ------->	BLK-0-1101-07	BLK-0-1101-08	BLK-0-1101-09	BLK-0-1101-10	BLK-0-1901-03	BLK-0-1901-04
	ORIGINAL ID ----->	QC_A_1120	QC_A_1121	QC_B_1120	QC_B_1121	PBS_1122	PBS_1127
	LAB SAMPLE ID --->	QC_A_1120	QC_A_1121	QC_B_1120	QC_B_1121	PES-1122	PBS_1127
	ID FROM REPORT -->	QC_A_1120	QC_A_1121	QC_B_1120	QC_B_1121	PBS_1122	PBS_1127
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/20/95	11/21/95	11/20/95	11/21/95	11/22/95	11/27/95
	DATE ANALYZED --->	11/20/95	11/21/95	11/20/95	11/21/95	11/22/95	11/27/95
	MATRIX ---------->	Water	Water	water	Water	Soil	soil
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L	MG/KG	MG/KG
CAS #	arameter	261101	261101	261101	261101	241901	241901
999900-01-4	otal Organic Carbon (TOC)	21300.	20300.	20600.	19700.	50. U	50. U

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC	SAMPLE ID ------->	ELK-0-1901-05	BLK-0-1901-06	BLK-0-1901-07	ELK-0-1901-06	BLK-0-6020-05	ELK-0-6020-06
	ORIGINAL ID ----->	QC_A_1122	QC_A_1127	QC_B_1122	QC_B_1127	PB_0225	PB_0226
	LAB SAMPLE ID --->	QC_A_1122	QC_A_1127	QC_B_1122	QC_B_1127	PB_0225	PB_0226
	ID FROM REPORT -->	QC_A_1122	QC_A_1127	QC_B_1122	QC_B_1127	PB_0225	PB_0226
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/22/95	11/27/95	11/22/95	11/27/95	02/25/96	02/26/96
	DATE ANALYZED --->	11/22/95	11/27/95	11/22/95	11/27/95	02/25/96	02/26/96
	MATRIX ---------->	Soil	Soil	soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	241901	241901	241901	241901	MZ6020	MZ6020
9999900-01-4	otal Organic Carbon (TOC)	19200.	19000.	20100.	20100.	50. U	50. U

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	ELK-0-6020-07	ELK-0-6020-08	BLK-0-6020-09	BLK-0-6020-10	BLK-0-6020-11	ELK-0-6020-12
	ORIGINAL ID ----->	PB_0227	QC_0225_A	QC_0225_B	QC_0226_A	QC_0226_B	QC_0227_A
	LAB SAMPLE ID --->	PB_0227	QC_0225_A	QC_0225_B	QC_0226_A	QC_0226_B	ac_0227_A
	ID FROM REPORT -->	PB_0227	QC_0225_A	QC_0225_B	QC_0226_A	QC_0226_B	QC_0227_A
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	02/27/96	02/25/96	02/25/96	02/26/96	02/26/96	02/27/96
	DATE ANALYZED --->	02/27/96	02/25/96	02/25/96	02/26/96	02/26/96	02/27/96
	MATRIX ---------->	Soil	soil	Soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	MZ6020	MZ6020	MZ6020	MZ6020	MZ6020	MZ6020
9999900-01-4	Total Organic Carbon (TOC)	50. U	18200.	19000.	19800.	19300.	18600.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	BLK-0-6020-13	BLK-0-8030-02	BLK-0-8030-03	ILK-0-8030-04	ILK-0-8030-0s	ELK-0-8030-06
	ORIGINAL ID ----->	QC_0227_B	PBS_1102	PBS_1103	QC_1102_F	QC_1102-1	QC_1103_F
	LAB SAMPLE ID --->	QC_0227_B	PES-1102	PES-1103	QC_1102_F	QC_1102_I	QC_1103_F
	ID FROM REPORT -->	QC_0227_8	PBS_1102	PBS_1103	QC_1102-F	QC_1102_I	QC_1103_F
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	02/27/96	11/02/95	11/03/95	11/03/95	11/03/95	11/03/95
	DATE ANALYZED --->	02/27/96	11/02/95	11/03/95	11/03/95	11/03/95	11/03/95
	MATRIX ---------->	Soi1	Soi1	soi1	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	I426020	MZ8030	MZ8030	MZ8030	428030	Ut8030
999900-01-4	otal Organic Carbon (TOC)	18700.	50. U	SO. U	19200.	20900.	19200.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	BLK-0-8030-07	BLK-0-9010-01	BLK-0-9010-02	BLK-E-W001-03	BLK-E-W001-04	BLK-E-W001-05
	ORIGINAL ID ----->	QC_1103_I	QC_0302_A	QC_0302_B	PB_0103	QC_0103_A	QC_0103_B
	LAB SAMPLE ID --->	QC_1103_I	QC_0302_A	QC_0302_B	PB_0103	QC_0103_A	QC_0103_B
	ID FROM REPORT -->	QC_1103_I	QC_0302_A	QC_0302_B	PB_0103	QC_0103_A	QC_0103_B
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/03/95	03/02/96	03/02/96	01/03/96	01/03/96	01/03/96
	DATE ANALYZED --->	11/03/95	03/02/96	03/02/96	01/03/96	01/03/96	01/03/96
	MATRIX ---------->	Soil	Soil	Soil	Soil	Water	Water
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/L	MG/L
CAS #	Parameter	MZ8030	MZ9010	MZ9010	EW0010	EW0010	EW0010
9999900-01-4	Total Organic Carbon (TOC)	19100.	18400.	18500.	50. U	18300.	19100.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	LCS-0-0EM0-01	LCS-0-0EM0-02	.CS-0-0EM0-03	LCS-0-2301-01	.CS-0-2301-02	LCS-0-M001-01
	ORIGINAL ID ----->	LCS_1110	LCS_1113	.CS_1114	LCS_1107	.CS_1109	LCS_1101
	LAB SAMPLE ID --->	LCS_1110	LCS_1113	.CS_1114	LCS_1107	.CS_1109	LCS_1101
	ID FROM REPORT -->	LCS_1110	LCS_1113	.CS_1114	LCS_1107	.CS_1109	LCS_1101
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/14/95	11/14/95	11/14/95	11/09/95	11/09/95	
	DATE ANALYZED --->	11/14/95	11/14/95	11/14/95	11/09/95	11/09/95	11/22/95
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	040EM0	040EM0	040EM0	MZ7230	127230	EM0010
9999900-01-4	Total Organic Carbon (TOC)	23700.	23300.	25200.	21700.	20300.	19900.

PENSACOLA, SITE 42
PENSACOLA, SITE :2, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	LCS-0-M001-02	PB1-2-2111-11	PBS-0-0EM0-01	PBS-0-0EM0-02	PBS-0-0EM0-03	PBS-0-2301-01
	ORIGINAL ID ----->	LCS_1102	PB_1221	PBS_1110	PBS_1113	PBS_1114	PBS_1107
	LAB SAMPLE ID --->	LCS_1102	PB_1221	PBS_1110	PBS_1113	PBS_1114	PBS_1107
	ID FROM REPORT -->	LCS_1102	PB_1221	PES-1110	PBS_1113	PBS_1114	PBS_1107
	SAMPLE DATE ----->						
	DATE EXTRACTED -->		12/21/96	11/10/95	11/14/95	11/14/95	11/07/95
	DATE ANALYZED --->	11/22/95	12/21/96	11/10/95	11/14/95	11/14/95	11/07/95
	MATRIX ---------->	Soi1	soil	soi1	Soi1	Soi1	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	arameter	EM0010	253301	040EM0	040EM0	040EM0	MZ7230
999900-01-4	otal Organic Carbon (TOC)	22700.	50. U	50. U	50. U	50. U	50. U

PENSACOLA, SITE 42
PENSACOLA, SITE 12, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	PES-0-2301-02	PBS-0-M001-01	PBS-0-M001-02	PB_-0-0102-00	QC0-0-0EM0-01	QC0-0-0EM0-02
	ORIGINAL ID ----->	PBS_1109	PBS_1101	PBS_1102	PB_0102	QC_1110-A	QC_1110_B
	LAB SAMPLE ID --->	PES-1109	PBS_1101	PBS_1102	PB_0102	QC_1110_A	QC_1110_B
	ID FROM REPORT -->	PBS_1109	PES-1101	PBS_1102	PB_0102	QC_1110_A	QC_1110_B
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/09/95			01/02/96	11/14/95	11/14/95
	DATE ANALYZED --->	11/09/95	11/22/95	11/22/95	01/02/96	11/14/95	11/14/95
	MATRIX ---------->	Soil	soil	soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	MZ7230	EM0010	EM0010	EM0050	D40EM0	D40EM0
9999900-01-4	Total Organic Carbon (TOC)	50. U	50. U	50. U	0. U	19900.	21200.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	QC0-0-0EM0-03	QC0-0-0EM0-04	QC0-0-0EM0-05	PCO-0-0EH0-06	QC0-0-2301-01	PCO-0-2301-02
	ORIGINAL ID ----->	QC_1113_A	QC_1113_B	QC_1114_A	QC_1114_B	QC_1107_A	QC_1107_B
	LAB SAMPLE ID --->	QC_1113_A	QC_1113_B	QC_1114_A	QC_1114_B	QC_1107_A	QC_1107_B
	ID FROM REPORT -->	QC_1113_A	QC_1113_B	QC_1114_A	QC_1114_B	QC_1107_A	QC_1107_B
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/14/95	11/14/95	11/14/95	11/14/95	11/09/95	11/09/95
	DATE ANALYZED --->	11/14/95	11/14/95	11/14/95	11/14/95	11/09/95	11/09/95
	MATRIX ---------->	Soil	soil	soil	Soil	Soil	soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	040EM0	040EM0	040EM0	040EM0	MZ7230	MZ7230
9999900-01-4	Total Organic Carbon (TOC)	20000.	19400.	20700.	20700.	18300.	18500.

PENSACOLA, SITE 42
PENSACOLA, SITE 12, PHASE II
Laboratory blanks

TOC							
	SAMPLE ID ------->	QC0-0-2301-03	PCO-0-2301-04	QC0-0-2301-05	QC1-2-21A1-11	QC1-2-21B1-11	QC_-0-102A-00
	ORIGINAL ID ----->	QC_1109_A	QC_1109_B	QC_1109_C	QC_1221_A	QC_1221_B	QC_0102_A
	LAB SAMPLE ID --->	QC_1109_A	QC_1109_B	QC_1109_C	QC_1221_A	QC_1221_B	QC_0102_A
	ID FROM REPORT -->	QC_1109_A	QC_1109_B	QC_1109_C	QC_1221_A	QC_1221_B	QC_0102_A
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	11/09/95	11/09/95	11/09/95	12/21/96	12/21/96	01/02/96
	DATE ANALYZED --->	11/09/95	11/09/95	11/09/95	12/21/96	12/21/96	01/02/96
	MATRIX ---------->	Soil	Soil	Soil	soil	Soil	Water
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/L
CAS #	Parameter	MZ7230	MZ7230	MZ7230	253301	Z53301	EM0050
9999900-01-4	Total Organic Carbon (TOC)	20300.	19600.	20800.	18100.	18900.	200.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

TOC	SAMPLE ID ------->	QC_-0-102B-00					
	ORIGINAL ID ----->	QC_0102_B					
	LAB SAMPLE ID --->	QC_0102_B					
	ID FROM REPORT -->	QC_0102_B					
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	01/02/96					
	DATE ANALYZED --->	01/02/96					
	MATRIX ---------->	Yater					
	UNITS ---------->	MG/L					
CAS #	arameter	EM0050					
'999900-01-4	otal Organic Carbon (TOC)	600.					

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA													
	SAMPLE ID ------->	BLK-0-1101-11		BLK-0-1101-12		BLK-0-1101-13		BLK-0-1101-14		BLK-0-1101-15		ELK-0-1901-14	
	ORIGINAL ID ----->	VBLKBN		VBLKCD		VBLKCE		VBLKCH		VBLKHL		VBLKC I	
	LAB SAMPLE ID --->	V21112-B1		V31112-B1		V31113-B1		V31115-B1		V81112-B1		V21115-B2	
	ID FROM REPORT -->	VBLKBN		VBLKCD		VBLKCE		VBLKCH		VBLKHL		VBLKCI	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/12/95		11/12/95		11/13/95		11/15/95		11/12/95		11/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Uater		soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/L		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	261101	VAL	261101	VAL	261101	VAL	241901	VAL
74-87-3	Chloromethane	10.	U	3.	J	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	3.	J	10.	U	2.	J	10.	U	5.	J
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	J	5.	J	3.	J	4.	J	5.	J	2.	J
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	4.	J
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Ch1orobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA															
	SAMPLE ID ------->	BLK-0-1901-15		BLK-0-1901-16		BLK-0-1901-17		BLK-0-1901-18		BLK-0-1901-19		BLK-0-1901-20	
	ORIGINAL ID ----->	VBLKBS		VBLKCG		VELKCS		VBLKCK		VBLKHL		VBLKHR	
	LAB SAMPLE ID --->	V21118-B2		V31114-B1		V31119-B1		V31120-B1		V81112-B1		V81118-B1	
	ID FROM REPORT -->	VELKBS		VBLKCG		VBLKCS		VBLKCK		VBLKHL		VBLKHR	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/18/95		11/14/95		11/19/95		11/20/95		11/12/95		11/18/95	
	MATRIX ---------->	Soil		Soil		Soi 1		soi1		Uater		Uater	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/L		UG/L	
CAS #	Parameter	241901	VAL	241901	VAL	241901	VAL	241901	VAL	241901	VAL	241901	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	5.	J	3.	J	7.	J	5.	J	3.	J
67-64-1	Acetone	10.	U	4.	J	8.	J	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	2.	J	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Henanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA													
	SAMPLE ID ------->	BLK-0-8030-11		BLK-0-8030-12		BLK-0-8030-13		BLK-0-8030-14		BLK-E-W001-08		BLK-E-W001-09	
	ORIGINAL ID ----->	VBLKBF		VBLKBG		VBLKCU		VBLKHR		VBLKBN		VBLKBO	
	LAB SAMPLE ID --->	V21031-B1		V21101-B1		V31031-B2		V81030-B1		V21213-B3		V21214-B1	
	ID FROM REPORT -->	VBLKBF		VBLKBC		VBLKCU		VBLKHR		VBLKBN		VBLKBO	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	10/31/95		11/01/95		10/31/95		10/30/95		12/13/95		12/14/95	
	MATRIX ---------->	Soil		Soil		Soil		Water		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/L		UG/KG		UG/KG	
CAS #	Parameter	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	MZ8030	VAL	EW0010	VAL	EW0010	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	3.	J	10.	U	10.	U	2.	JX	10.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA													
	SAMPLE ID -------:	ELK-E-Wool-10		VBL-K-0000-00		VBL-0-0EM0-01		VBL-0-0EM0-02		VBL-0-0EHO-03		VBL-0-0EM0-04	
	ORIGINAL ID -----:	VBLKBP		VBLKCV		VBLKBL		VBLKCA		VBLKGE		VBLKGG	
	LAB SAMPLE ID ---:	V21215-B1		V31129-B1		V21108-B2		V31108-B1		V71105-B2		V71106-B1	
	ID FROM REPORT --:	VBLKBP		VBLKCV		VBLKBL		VBLKCA		VBLKGE		VBLKGG	
	SAMPLE DATE -----:												
	DATE ANALYZED ---:	12/15/95		11/29/95		11/08/95		11/08/95		11/05/95		11/06/95	
	MATRIX ----------:	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EW0010	VAL	253301	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	3.	J	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	2.	J	2.	J	10.	U	4.	J	10.	U	5.	J
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	5.	J	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	2.	J
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	3.	J
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA													
	SAMPLE ID ------->	VBL-0-0EM0-05		VBL-0-0EM0-06		VBL-0-1001-01		VBL-0-1001-02		VBL-0-1001-03		VBL-0-1001-04	
	ORIGINAL ID ----->	VBLKHG		VBLKHH		VBLKBG		VBLKCA		VBLKCB		VBLKCC	
	LAB SAMPLE ID --->	V81104-B1		V81108-B1		V21204-B1		V31203-B1		V31205-B1		V31206-B1	
	ID FROM REPORT -->	VBLKHG		VBLKHH		VBLKBG		VBLKCA		VBLKCB		VBLKCC	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/04/95		11/08/95		12/04/95		12/03/95		12105195		12/06/95	
	MATRIX ---------->	Water		Uater		Soil		Soil		Soil		soil	
	UNITS ---------->	UG/L		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	040EM0	VAL	040EM0	VAL	231001	VAL	Z31001	VAL	Z31001	VAL	231001	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	4.	J	10.	U	2.	J	3.	J	1.	J
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1.3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrechloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA															
	SAMPLE ID -------:	VBL-0-1001-05		VBL-0-1001-06		VBL-0-1010-12		VBL-0-1010-13		VBL-0-1010-14		VBL-0-1010-15	
	ORIGINAL ID -----:	VBLKCD		VBLKFB		VBLKES		VBLKGT		VBLKGU		VBLKGX	
	LAB SAMPLE ID ---:	V31207-B1		V61207-B4		V50207-B1		V70206-B1		V70207-B1		V70211-B1	
	ID FROM REPORT --:	VBLKCD		VBLKFB		VBLKES		VBLKGT		VBLKGU		VBLKGX	
	SAMPLE DATE -----:												
	DATE ANALYZED ---:	12/07/95		12/07/95		02/07/96		02/06/96		02/07/96		02/11/96	
	MATRIX ----------:	Soil		Uater		Uater		soi1		Soi1		Uater	
	UNITS ----------:	UG/KG		UG/L		UG/L		UG/KG		UG/KG		UG/L	
CAS #	Parameter	231001	VAL	231001	VAL	MZ1010	VAL	MZ1010	VAL	MZ1010	VAL	MZ1010	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	3.	J	2.	J	2.	J	2.	J	10.	U	10.	U
67-64-1	Acetone	10.	U	3.	J	6.	J	10.	U	10.	U	3.	J
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	2.	J	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	1.	J	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbentene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA															
	SAMPLE ID ------->	VEL-0-1010-16		VBL-K-1130-B2		VBL-K-1130-84		VBL-K-1201-B2		VBL-K-1204-B2		VBL-0-2301-01	
	ORIGINAL ID ----->	VBLKHS		VBLKHB		VBLKCX		VBLKCY		VBLKHC		VBLKCV	
	LAB SAMPLE ID --->	V80213-B1		V81130M-B2		V31130-B4		V31201-B2		V81204M-B2		V31101-B1	
	ID FROM REPORT -->	VBLKHS		VBLKHB		VBLKCX		VELKCY		VBLKHC		VBLKCV	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	02/13/96		11/30/95		11/30/95		12/01/95		12/04/95		11/01/95	
	MATRIX ---------->	Water		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/L		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ1010	VAL	253301	VAL	253301	VAL	253301	VAL	253301	VAL	MZ7230	VAL
74-87-3	Chloromethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
74-83-9	Bromomethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
75-01-4	Vinyl chloride	3.	U	380.	U	3.	U	3.	U	380.	U	3.	U
75-00-3	Chloroethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
75-09-2	Methylene chloride	10.	U	970.	J	4.	J	4.	J	1200.	U	8.	J
67-64-1	Acetone	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
75-15-0	Carbon disulfide	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
67-66-3	Chloroform	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
79-01-6	Trichloroethene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
71-43-2	Benzene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
75-25-2	Bromoform	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
591-78-6	2-Hexanone	5.	J	1200.	U	10.	U	10.	U	1200.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
108-88-3	Toluene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
108-90-7	Chlorobenzene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
100-41-4	Ethylbenzene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
100-42-5	Styrene	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	1200.	U	10.	U	10.	U	1200.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA													
	SAMPLE ID ------->	VBL-0-2301-02		VBL-0-2301-04		VBL-0-2301-05		VBL-0-2301-06		VBL-0-2301-07		VBL-0-2401-20	
	ORIGINAL ID ----->	VBLKGC		VBLKGD		VBLKGE		VBLKHR		VBLKHD		VBLKBS	
	LAB SAMPLE ID --->	V71102-B2		V71103-B2		V71104-B2		V81030-B1		V81102-B1		V20112-B1	
	ID FROM REPORT -->	VBLKGC		VBLKGD		VBLKGE		VBLKHR		VBLKHD		VBLKBS	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/02/95		11/03/95		11/04/95		10/30/95		11/02/95		01/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Water		Uater		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/L		UG/L		UG/KG	
CAS #	Parameter	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	MZ7230	VAL	250801	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	2.	J	2.	J	1.	J	10.	U	10.	U	10.	U
67-64-1	Acetone	5.	J	3.	J	3.	J	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA													
	SAMPLE ID ------->	VBL-0-2401-21		VBL-0-2401-22		VBL-0-2401-23		VBL-0-2401-24		VBL-0-2401-25		VBL-0-6020-15	
	ORIGINAL ID ----->	VBLKBT		VBLKCX		VBLKEF		VBLKFG		VBLKFH		VBLKER	
	LAB SAMPLE ID --->	V21214-B1		V30115-B1		V50116-B1		V60111-B2		V60115-B1		V50205-B1	
	ID FROM REPORT -->	VBLKBT		VBLKCX		VBLKEF		VBLKFG		VBLKFH		VBLKER	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	01/14/96		01/15/96		01/16/96		01/11/96		01/15/96		02/05/96	
	MATRIX ---------->	Soil		Soil		Uater		Water		Water		Water	
	UNITS ---------->	UG/KG		UG/KG		UGIL		UGIL		UG/1		UG/L	
CAS #	Parameter	250801	VAL	250801	VAL	250801	VAL	250801	VAL	Z50801	VAL	MZ6020	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloraethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	10.	U	3.	J	1.	J	10.	U	4.	J
67-64-1	Acetone	10.	U	8.	J	4.	J	10.		7.	J	4.	J
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-DichLoroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	3.	J	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentenone (MIBK)	10.	U	5.	J	10.	U	10.	U	8.	J	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	8.	J	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	1.	J
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA															
	SAMPLE ID ------->	VBL-0-6020-16		VBL-0-6020-17		VBL-0-6020-18		VBL-0-6020-19		VBL-K-BK00-00		VBL-K-BL00-00	
	ORIGINAL ID ----->	VBLKGR		VBLKGS		VBLKGT		VBLKGU		VBLKBK		VBLKEL	
	LAB SAMPLE ID --->	V70203-B1		V70204-B1		V70206-B1		V70207-B1		V21212-B2		V21213-B1	
	ID FROM REPORT -->	VBLKGR		VBLKGS		VBLKGT		VBLKGU		VBLKBK		VBLKBL	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	02/03/96		02/04/96		02/06/96		02/07/96		12/12/95		12/13/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	MZ6020	VAL	MZ6020	VAL	MZ6020	VAL	MZ6020	VAL	EM0050	VAL	EM0050	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	10.	U	2.	J	10.	U	10.	U	10.	
67-64-1	Acetone	10.	U	4.	J	10.	U	10.	U	10.	U	21.	
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Hethyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA													
	SAMPLE ID ------->	VBL-K-GV00-00		VBL-0-M001-01		VBL-0-M001-02		VBL-0-M001-03		VBL-0-M001-04		VBL-0-M001-05	
	ORIGINAL ID ----->	VBLKGV		VBLKBE		VBLKBH		VBLKED		VBLKEE		VBLKEF	
	LAB SAMPLE ID --->	V71212-B1		V21030-B2		V21102-B1		V51030-B1		V51031-B1		V51101-B1	
	ID FROM REPORT -->	VBLKGV		VBLKBE		VBLKBH		VBLKED		VBLKEE		VBLKEF	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	12/12/95		10/30/95		11/02/95		10/30/95		10/31/95		11/01/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0050	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL	EM0010	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	4.	J	10.	U	10.	U	10.	U	10.	U	10.	U
67-64-1	Acetone	5.	J	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,l-Dichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tctrachloroethene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Laboratory blanks

VOA										
	SAMPLE ID ------->	VBL-0-M001-06		VBL-0-M001-07		VBL-0-M001-08				
	ORIGINAL ID ----->	VBLKHO		VBLKHP		VBLKHR				
	LAB SAMPLE ID --->	V81028-B1		V81029-B1		V81030-B1				
	ID FROM REPORT -->	VELKHO		VBLKHP		VBLKHR				
	SAMPLE DATE ----->									
	DATE ANALYZED --->	10/28/95		10/29/95		10/30/95				
	MATRIX---------->	Uater		Uater		Uater				
	UNITS --------- ->	UG/L		UG/L		UG/L				
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL			
74-87-3	hloromethane	10.	U	10.	U	10.	U			
74-83-9	romomethane	10.	U	10.	U	10.	U			
75-01-4	inyl chloride	3.	U	3.	U	3.	U			
75-00-3	hloroethane	10.	U	10.	U	10.	U			
75-09-2	lethylene chloride	10.	U	10.	U	10.	U			
67-64-1	cetone	10.	U	10.	U	10.	U			
75-15-0	arbon disulfide	10.	U	10.	U	10.	U			
75-35-4	,1-Dichloroethene	10.	U	10.	U	10.	U			
75-34-3	,1-Dichloroethane	10.	U	10.	U	10.	U			
540-59-0	,2-Dichloroethene (total)	10.	U	10.	U	10.	U			
67-66-3	hloroform	10.	U	10.	U	10.	U			
107-06-2	,2-Dichloroethane	10.	U	10.	U	10.	U			
78-93-3	-Butanone (HEK)	10.	U	10.	U	10.	U			
71-55-6	,1,1-Trichloroethane	10.	U	10.	U	10.	U			
56-23-5	arbon tetrachloride	10.	U	10.	U	10.	U			
75-27-4	romodichloromethane	10.	U	10.	U	10.	U			
78-87-5	,2-Dichloropropane	10.	U	10.	U	10.	U			
10061-01-5	is-1,3-Dichloropropene	10.	U	10.	U	10.	U			
79-01-6	richloroethene	10.	U	10.	U	10.	U			
124-48-1	ibromochloromethane	10.	U	10.	U	10.	U			
79-00-5	,1,2-Trichloroethane	10.	U	10.	U	10.	U			
71-43-2	enzene	10.	U	10.	U	10.	U			
10061-02-6	rans-1,3-Dichloropropene	10.	U	10.	U	10.	U			
75-25-2	romoform	10.	U	10.	U	10.	U			
108-10-1	-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U			
591-78-6	-Hexanone	10.	U	10.	U	10.	U			
127-18-4	etrachloroethene	10.	U	10.	U	10.	U			
79-34-5	,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U			
108-88-3	oluene	10.	U	10.	U	10.	U			
108-90-7	hlorobenzene	10.	U	10.	U	10.	U			
100-41-4	thylbenzene	10.	U	10.	U	10.	U			
100-42-5	tyrene	10.	U	10.	U	10.	U			
1330-20-7	ylene (Total)	10.	U	10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

% SOLID							
	SAMPLE ID ------->	042-M-Z509-01 RE	042-M-2530-01 RE	042-M-2534-01 RE	042-M-2622-01 RE	042-M-Z720-01 RE	042-M-2801-01 RE
	ORIGINAL ID ----->	040MZ50901	040MZ53001	040MZ53401	040MZ62201	040MZ72001	040MZ80101
	LAB SAMPLE ID --->	960010-02	951021-18	950983-02	950899-16	950887-15	950930-05
	ID FROM REPORT -->	040MZ50901	040MZ53001	040MZ53401	040MZ62201	040MZ72001	040MZ80101
	SAMPLE DATE ----->	01/10/96	12/07/95	11/28/95	11/06/95	10/30/95	11/13/95
	DATE EXTRACTED -->	01/31/96	01/16/96	01/05/96	12/04/95	12/01/95	12/17/95
	DATE ANALYZED --->	02/04/96	01/18/96	01/05/96	12/05/95	12/02/95	12/20/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	250801	EM0050	253301	040EM0	MZ7230	Z41901
999000-58-8	SOLIDS	72.	81.9	79.3	50.3	77.1	58.4

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

% SOLID	SAMPLE ID ------->	042-M-Z802-01 RE	042-M-Z827-01 RE				
	ORIGINAL ID ----->	040MZ80201	040MZ82701				
	LAB SAMPLE ID --->	950876-18	950865-07				
	ID FROM REPORT -->	040MZ80201	04011282701				
	SAMPLE DATE ----->	10/26/95	10/23/95				
	DATE EXTRACTED -->	11/13/95	11/03/95				
	DATE ANALYZED --->	11/22/95	11/16/95				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	%	%				
CAS #	Parameter	MZ8030	EM0010				
999000-58-8	SOLIDS	77.1	18.8				

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

METAL															
	SAMPLE ID ------->	042-M-Z509-01	RE	042-M-Z530-01	RE	042-H-2534-01	RE	042-M-2622-01	RE	042-M-Z720-01	RE	042-M-Z801-01	RE
	ORIGINAL ID ----->	040MZ50901		040MZ53001		040MZ53401		040MZ62201		040MZ72001		040MZ80101	
	LAB SAMPLE ID --->	960010-02		351021-18		950983-02		950899-16		950887-15		950930-05	
	ID FROM REPORT -->	040MZ50901		040MZ53001		040MZ53401		04011262201		040MZ72001		040MZ80101	
	SAMPLE DATE ----->	01/10/96		12/07/95		11/28/95		11/06/95		10/30/95		11/13/95	
	DATE EXTRACTED -->	01/13/96		01/16/96		01/05/96		12/04/95		12/01/95		12/17/95	
	DATE ANALYZED --->	01/15/96		01/18/96		01/05/96		12/05/95		12/02/95		12/20/95	
	MATRIX ---------->	sediment		Sediment		Sediment		Sediment		Sediment		sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	arameter	250801	VAL	EM0050	VAL	253301	VAL	040EM0	VAL	MZ7230	VAL	241901	VAL
7429-90-5	luminum (Al)	87.8		101.		62.		769.		26.9		805.	
7440-36-0	ntimony (Sb)	0.14	U	0.24	J	0.13	UJ	0.16	U	0.14	U	0.16	U
7440-38-2	rsenic (As)	0.14	U	0.14	B	0.13	U	1.4		0.29	J	1.3	
7440-39-3	arium (Ba)	0.37	J	0.76	B	0.68	J	1.4	J	0.34	J	1.2	J
7440-41-7	erylliun (Be)	0.07	U	0.06	U	0.06	U	0.08	U	0.07	U	0.08	U
7440-43-9	admium (Cd)	0.21	U	0.19	U	0.19	U	0.24	U	0.2	U	0.24	U
7440-70-2	alcium (Ca)	110.	J	1912.		7772.	J	5023.		105.	J	5678.	
7440-47-3	hromium (Cr)	0.55	U	0.73		1.1		2.5		0.54	U	2.5	
7440-48-4	obalt (Co)	0.21	U	0.19	U	0.19	U	0.29	J	0.2	U	0.24	U
7440-50-8	opper (Cu)	0.27	U	0.58	B	0.26	U	1.9	J	0.27	U	1.7	J
57-12-5	yanide (CN)	0.64	U	0.61	U	0.6	U	0.83	U	0.62	U	0.75	U
7439-89-6	ron (Fe)	85.3		122.		138.		1459.		42.9		1158.	
7439-92-1	ead (Pb)	0.33	U	0.5		0.33	U	3.1		0.17	U	2.4	
7439-95-4	agnesium (Mg)	245.	J	273.	B	213.	J	1036.		197.	J	6%.	
7439-96-5	anganese (Mn)	0.58	J	0.87	B	2.2		25.2		0.32	J	18.6	
7439-97-6	ercury (Hg)	0.06	U	0.05	U	0.05	U	0.07	U	0.06	U	0.06	U
7440-02-0	ickel (Ni)	0.82	U	0.75	U	0.77	U	1.3	J	0.81	U	0.94	U
7440-09-7	otassium (K)	83.	J	110.	B	53.9	J	293.	J	64.6	J	288.	J
7782-49-2	elenium (Se)	0.21	U	0.19	U	0.19	U	0.24	U	0.2	U	0.24	U
7440-22-4	ilver (Ag)	0.27	U	0.25	U	0.26	UJ	0.31	U	0.27	U	0.31	U
7440-23-5	odium (Na)	1783.		1853.		1164.		5158.		1491.		3467.	
7440-28-0	hallium (Tl)	0.21	U	0.19	U	0.19	UJ	0.24	U	0.2	UJ	0.24	U
7440-62-2	anadium (V)	0.28	J	0.44	B	0.2	J	2.7	J	0.14	U	3.	J
7440-66-6	inc (Zn)	0.94	U	0.71	B	0.89	J	22.1	J	0.49	J	5.	

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

METAL								
	SAMPLE ID ------->	042-W-2802-01 RE		042-M-Z827-01 RE				
	ORIGINAL ID ----->	040MZ80201		040MZ82701				
	LAB SAMPLE ID --->	950876-18		950865-07				
	ID FROM REPORT -->	040MZ80201		040MZ82701				
	SAMPLE DATE ----->	10/26/95		10/23/95				
	DATE EXTRACTED -->	11/13/95		11/03/95				
	DATE ANALYZED --->	11/22/95		11/16/95				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	MZ8030	VAL	EM0010	VAL			
7429-90-5	Aluminum (Al)	38.6		16284.				
7440-36-0	Antimony (Sb)	0.66	UJ	0.54	U			
7440-38-2	Arsenic (As)	0.13	U	22.7				
7440-39-3	Barium (Ba)	0.25	J	20.3	B			
7440-41-7	Beryllium (Be)	0.07	U	1.2	B			
7440-43-9	Cadmium (Cd)	0.2	U	0.81	U			
7440-70-2	Calcium (Ca)	128.	J	28382.				
7440-47-3	Chromium (Cr)	0.53	U	47.9				
7440-48-4	Cobalt (Co)	0.23	U	3.4	B			
7440-50-8	Copper (Cu)	0.49	J	18.6				
57-12-5	Cyanide (CN)	0.62	U	2.6	U			
7439-89-6	Iron (Fe)	67.9		27457.				
7439-92-1	Lead (Pb)	0.19	U	20.5				
7439-95-4	Magnesium (Mg)	161.	J	11205.				
7439-96-5	Manganese (Mn)	0.97	J	261.				
7439-97-6	Mercury (Hg)	0.06	U	0.46	B			
7440-02-0	Nickel (Ni)	0.8	U	11.9				
7440-09-7	Potassium (K)	59.	J	3677.				
7782-49-2	Seleniun (Se)	0.2	U	0.81	U			
7440-22-4	Silver (Ag)	0.27	U	1.1	U			
7440-23-5	Sodium (Ne)	1216.		35944.				
7440-28-0	Thalliun (Tl)	0.2	U	0.81	U			
7440-62-2	Vanadium (V)	0.38	J	33.6				
7440-66-6	Zinc (Zn)	0.66	U	62.4				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

PEST									
	SAMPLE ID ------->	042-M-Z820-01 DL		042-M-2823-01 DL					
	ORIGINAL ID ----->	040MZ82001		040MZ82301					
	LAB SAMPLE ID --->	950865-11		950865-03					
	ID FROM REPORT -->	040MZ82001		040MZ82301					
	SAMPLE DATE ----->	10/24/95		10/23/95					
	DATE EXTRACTED -->	11/05/95		11/05/95					
	DATE ANALYZED --->	11/29/95		11/29/95					
	MATRIX ---------->	Sediment		sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	EM0010	VAL	EHOOIO	VAL				
319-84-6	alpha-BHC	5.1	UR	14.	UR				
319-85-7	beta-BHC	0.25	UR	0.55	UR				
319-86-8	delta-BHC	0.25	UR	0.55	UR				
58-89-9	gamma-BHC (Lindane)	0.25	UR	0.55	UR				
76-44-8	Heptachlor	0.25	UR	0.55	UR				
309-00-2	Aldrin	0.25	UR	0.55	UR				
1024-57-3	Heptachlor epoxide	0.25	UR	0.55	UR				
959-98-8	Endosulfan I	0.25	UR	0.55	UR				
60-57-1	Dieldrin	0.51	UR	1.1	UR				
72-55-9	4,4'-DDE	0.51	UR	1.1	UR				
72-20-8	Endrin	0.51	UR	1.1	UR				
33213-65-9	Endosulfan II	0.51	UR	1.1	UR				
72-54-8	4,4'-DDD	0.51	UR	1.1	UR				
1031-07-8	Endosulfan sulfate	0.51	UR	1.1	UR				
50-29-3	4,4'-DDT	0.51	UR	1.1	UR				
72-43-5	Methoxychlor	2.5	UR	5.5	UR				
53494-70-5	Endrin ketone	0.51	UR	1.1	UR				
7421-93-4	Endrin aldehyde	0.2	UR	1.1	UR				
5103-71-9	alpha-Chlordane	0.25	UR	0.55	UR				
5103-74-2	gamma-Chlordane	0.25	UR	0.55	UR				
8001-35-2	Toxaphene	51.	UR	110.	UR				
12674-11-2	Aroclor-1016	9.9	UR	21.	UR				
11104-28-2	Aroclor-1221	20.	UR	43.	UR				
11141-16-5	Aroclor-1232	9.9	UR	21.	UR				
53469-21-9	Aroclor-1242	9.9	UR	21.	UR				
12672-29-6	Aroclor-1248	9.9	UR	21.	UR				
11097-69-1	Aroclor-1254	9.9	UR	21.	UR				
11096-82-5	Aroclor-1260	9.9	UR	21.	UR				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

SVOA													
	SAMPLE ID ------->	040-E-M003-01	RE	040-F-M003-01		042-M-2707-01	RE	042-M-2708-01	RE	042-M-2709-01	RE	042-M-2712-01	RE
	ORIGINAL ID ----->	040EM00301		040FM00301		040MZ70701		040MZ70801		040MZ70901		040MZ71201	
	LAB SAMPLE ID --->	950922-18		950922-19		950899-07		950899-08		950899-09		950899-11	
	ID FROM REPORT -->	040EM00301		040FM00301		040MZ70701		040MZ70801		040MZ70901		040MZ71201	
	SAMPLE DATE ----->	11/10/95		11/10/95		11/01/95		11/02/95		11/02/95		11/02/95	
	DATE EXTRACTED -->	11/14/95		11/14/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE ANALYZED --->	11/21/95		11/21/95		11/22/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	Water		Water		sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/L		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
108-95-2	Phenol	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
111-44-4	bis(2-Chloroethyl)ether	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
95-57-8	2-Chlorophenol	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
541-73-1	1,3-Dichlorobenzene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
106-46-7	1,4-Dichlorobenzene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
95-50-1	1,2-Dichlorobenzene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
95-48-7	2-Methylphenol (0-Cresol)	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
106-44-5	4-Methylphenol (p-Cresol)	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
621-64-7	N-Nitroso-di-n-propylamine	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
67-72-1	Hexachloroethane	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
98-95-3	Nitrobenzene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
78-59-1	Isophorone	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
88-75-5	2-Nitrophenol	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
105-67-9	2,4-Dimethylphenol	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
111-91-1	bis(2-Chloroethoxy)methane	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
120-83-2	2,4-Dichlorophenol	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
120-82-1	1,2,4-Trichlorobenzene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
91-20-3	Naphthalene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
106-47-8	4-Chloroaniline	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
87-68-3	Hexachlorobutadiene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
59-50-7	4-Chloro-3-methylphenol	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
91-57-6	2-Methylnaphthalene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
77-47-4	Hexachlorocyclopentadiene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
88-06-2	2,4,6-Trichlorophenol	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
95-95-4	2,4,5-Trichlorophenol	25.	UR	25.	UR	970.	UR	950.	UR	980.	UR	990.	UR
91-58-7	2-Chloronaphthalene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
88-74-4	2-Nitroaniline	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
131-11-3	Dimethyl phthalate	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
208-96-8	Acenaphthylene	1.	UR	1.	UR	400.	UR	390.	UR	410.	UR	410.	UR
606-20-2	2,6-Dinitrotoluene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
99-09-2	3-Nitroaniline	25.	UR	25.	UR	970.	UR	950.	UR	980.	UR	990.	UR
83-32-9	Acenaphthene	0.5	UR	0.5	UR	19.	UR	19.	UR	20.	UR	20.	UR
51-28-5	2,4-Dinitrophenol	25.	UR	25.	UR	970.	UR	950.	UR	980.	UR	990.	UR
100-02-7	4-Nitrophenol	25.	UR	25.	UR	970.	UR	950.	UR	980.	UR	990.	UR
132-64-9	Dibenzofuran	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

SVOA													
	SAMPLE ID ------->	340-E-M003-01 RE		040-F-M003-01		342-M-2707-01 RE		042-M-2708-01 RE		042-M-2709-01 RE		042-M-2712-01 RE	
	ORIGINAL ID ----->	040EM00301		040FM00301		040MZ70701		040MZ70801		040MZ70901		040MZ71201	
	LAB SAMPLE ID --->	950922-18		950922-19		950899-07		950699-06		950899-09		950899-11	
	ID FROM REPORT -->	040EM00301		040FM00301		040MZ70701		040MZ70801		040MZ70901		040MZ71201	
	SAMPLE DATE ----->	11/10/95		11/10/95		11/01/95		11/02/95		11/02/95		11/02/95	
	DATE EXTRACTED -->	11/14/95		11/14/95		11/09/95		11/09/95		11/09/95		11/09/95	
	DATE ANALYZED --->	11/21/95		11/21/95		11/22/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	dater		Uater		sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/L		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	261101	VAL	261101	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL	040EM0	VAL
121-14-2	2,4-Dinitrotoluene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
64-66-2	Oiethylphthalate	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
7005-72-3	4-Chlorophenylphenylether	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
86-73-7	Fluorene	0.5	UR	0.5	UR	19.	UR	19.	UR	20.	UR	20.	UR
100-01-6	4-Nitroaniline	25.	UR	25.	UR	970.	UR	950.	UR	980.	UR	990.	UR
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	UR	25.	UR	970.	UR	950.	UR	960.	UR	990.	UR
66-30-6	N-Nitrosodiphenylamine	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
101-55-3	4-Bromophenyl-phenylether	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
116-74-1	Hexachlorobenzene	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
87-86-5	Pentachlorophenol	25.	UR	25.	UR	970.	UR	950.	UR	980.	UR	990.	UR
65-01-6	Phenanthrene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
120-12-7	Anthracene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
64-74-2	Di-n-butylphthalate	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	22.	UR
206-44-0	Fluoranthene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
86-74-8	Carbazole	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
129-00-0	Pyrene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
65-66-7	Butylbenzylphthalate	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
91-94-1	3,3'-Dichlorobenzidine	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
56-55-3	Benzo(a)anthracene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
216-01-9	Chrysene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
117-61-7	bis(2-Ethylhexyl)phthalate (BEHP)	0.9	UR	10.	UR	160.	UR	160.	UR	160.	UR	130.	UR
117-84-0	Di-n-octyl phthalate	10.	UR	10.	UR	400.	UR	390.	UR	410.	UR	410.	UR
205-99-2	Benzo(b)fluoranthene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
207-08-9	Benzo(k)fluoranthene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
50-32-8	Benzo(a)pyrene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
193-39-5	Indeno(1,2,3-cd)pyrene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
53-70-3	Dibenz(a,h)anthracene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR
191-24-2	Benzo(g,h,i)perylene	1.	UR	1.	UR	40.	UR	39.	UR	41.	UR	41.	UR

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

SVOA											
	SAMPLE ID ------->	042-H-2713-01 RE		042-M-Z726-01 RE		042-M-Z730-01 RE					
	ORIGINAL ID ----->	040MZ71301		040MZ72601		040MZ73001					
	LAB SAMPLE ID --->	950899-12		950887-04		950887-07					
	ID FROM REPORT -->	040MZ71301		040MZ72601		040MZ73001					
	SAMPLE DATE ----->	11/02/95		10/27/95		10/27/95					
	DATE EXTRACTED -->	11/09/95		11/07/95		11/07/95					
	DATE ANALYZED --->	11/22/95		11/21/95		11/19/95					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	040EM0	VAL	MZ7230	VAL	MZ7230	VAL				
108-95-2	Phenol	440.	UR	430.	UR	430.	UR				
111-44-4	bis(2-Chloroethyl)ether	44.	UR	43.	UR	43.	UR				
95-57-8	2-Chlorophenol	440.	UR	430.	UR	430.	UR				
541-73-1	1,3-Dichlorobenzene	440.	UR	430.	UR	430.	UR				
106-46-7	1,4-Dichlorobenzene	440.	UR	430.	UR	430.	UR				
95-50-1	1,2-Dichlorobenzene	440.	UR	430.	UR	430.	UR				
95-48-7	2-Methylphenol (0-Cresol)	440.	UR	430.	UR	430.	UR				
108-60-1	2,2'-oxybis(1-Chloropropane)	440.	UR	430.	UR	430.	UR				
106-44-5	4-Methylphenol (p-Cresol)	440.	UR	430.	UR	430.	UR				
621-64-7	N-Nitroso-di-n-propylamine	44.	UR	43.	UR	43.	UR				
67-72-1	Hexachloroethane	440.	UR	430.	UR	430.	UR				
98-95-3	Nitrobenzene	440.	UR	430.	UR	430.	UR				
78-59-1	Isophorone	440.	UR	430.	UR	430.	UR				
88-75-5	2-Nitrophenol	440.	UR	430.	UR	430.	UR				
105-67-9	2,4-Dimethylphenol	440.	UR	430.	UR	430,	UR				
111-91-1	bis(2-Chloroethoxy)methane	440.	UR	430.	UR	430.	UR				
120-83-2	2,4-Dichlorophenol	440.	UR	430.	UR	430.	UR				
120-82-1	1,2,4-Trichlorobenzene	440.	UR	430.	UR	430.	UR				
91-20-3	Naphthalene	44.	UR	43.	UR	43.	UR				
106-47-8	4-Chlaroani 1ine	440.	UR	430.	UR	430.	UR				
87-68-3	Hexach1orobutadiene	440.	UR	430.	UR	430.	UR				
59-50-7	4-Chloro-3-methylphenol	440.	UR	430.	UR	430.	UR				
91-57-6	2-Methylnaphthalene	44.	UR	43.	UR	43.	UR				
77-47-4	Hexachlorocyclopentadiene	440.	UR	430.	UR	430.	UR				
88-06-2	2,4,6-Trichlorophenol	440.	UR	430.	UR	430.	UR				
95-95-4	2,4,5-Trich1oropheno1	1100.	UR	1000.	UR	1000.	UR				
91-58-7	2-Chloronaphthalene	440.	UR	430.	UR	430.	UR				
88-74-4	2-Nitroaniline	440.	UR	430.	UR	430.	UR				
131-11-3	Dimethyl phthalate	440.	UR	430.	UR	430.	UR				
208-96-8	Acenaphthylene	440.	UR	430.	UR	430.	UR				
606-20-2	2,6-Dinitrotoluene	440.	UR	430.	UR	430.	UR				
99-09-2	3-Nitroaniline	1100.	UR	1000.	UR	1000.	UR				
83-32-9	Acenaphthene	21.	UR	21.	UR	21.	UR				
51-28-5	2,4-Dinitrophenol	1100.	UR	1000.	UR	1000.	UR				
100-02-7	4-Nitrophenol	1100.	UR	1000.	UR	1000.	UR				
132-64-9	Dibenzofuran	440.	UR	430.	UR	430.	UR				

*** validation Complete ***

PKNSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE) /Dilutions (DL)

SVOA											
	SAMPLE ID ------->	042-M-2713-01	RE	042-M-2726-01	RE	042-M-2730-01	RE				
	ORIGINAL ID ----->	040MZ71301		040MZ72601		040MZ73001					
	LAB SAMPLE ID --->	950899-12		950887-04		950887-07					
	ID FROM REPORT -->	040MZ71301		040MZ72601		040MZ73001					
	SAMPLE DATE ----->	11/02/95		10/27/95		10/27/95					
	DATE EXTRACTED -->	11/09/95		11/07/95		11/07/95					
	DATE ANALYZED --->	11/22/95		11/21/95		11/19/95					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	040EM0	VAL	MZ7230	VAL	MZ7230	VAL				
121-14-2	2,4-Dinitrotoluene	440.	UR	430.	UR	430.	UR				
84-66-2	Diethylphthalate	440.	UR	430.	UR	430.	UR				
7005-72-3	4-Chlorophenylphenylether	440.	UR	430.	UR	430.	UR				
86-73-7	Fluorene	21.	UR	21.	UR	21.	UR				
100-01-6	4-Nitroaniline	1100.	UR	1000.	UR	1000.	UR				
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	UR	1000.	UR	1000.	UR				
86-30-6	N-Nitrosodiphenylamine	440.	UR	430.	UR	430.	UR				
101-55-3	4-Bromophenyl-phenylether	440.	UR	430.	UR	430.	UR				
118-74-1	Hexachlorobenzene	440.	UR	430.	UR	430.	UR				
87-86-5	Pentach Lorophenol	1100.	UR	1000.	UR	1000.	UR				
85-01-8	Phenanthrene	44.	UR	43.	UR	43.	UR				
120-12-7	Anthracene	44.	UR	43.	UR	43.	UR				
84-74-2	Di-n-butylphthalate	440.	UR	430.	UR	430.	UR				
206-44-0	Fluoranthene	44.	UR	43.	UR	43.	UR				
86-74-8	Carbazole	440.	UR	430.	UR	430.	UR				
129-00-0	Pyrene	44.	UR	43.	UR	43.	OR				
85-68-7	Butylbenzylphthalate	440.	UR	430.	UR	430.	UR				
91-94-1	3,3 '-Dichlorobenzidine	440.	UR	430.	UR	430.	UR				
56-55-3	Benzo(a)anthracene	44.	UR	43.	UR	43.	UR				
218-01-9	Chrysene	44.	UR	43.	UR	43.	UR				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	150.	UR	110.	UR	110.	UR				
117-84-0	Di-n-octyl phthalate	440.	UR	436.	UR	430.	UR				
205-99-2	Benzo(b)fluoranthene	44.	UR	43.	UR	43.	UR				
207-08-9	Benzo(k)fluoranthene	44.	UR	43.	UR	43.	UR				
50-32-8	Benzo(a)pyrene	44.	UR	43.	UR	43.	UR				
193-39-5	Indeno(1,2,3-cd)pyrene	44.	UR	43.	UR	43.	UR				
53-70-3	Dibenz(a,h)anthracene	44.	UR	43.	UR	43.	UR				
191-24-2	Benzo(g,h,i)perylene	44.	UR	43.	UR	43.	UR				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

TOC							
	SAMPLE ID ------->	042-M-2509-01 RE	042-M-Z530-01 RE	042-M-2534-01 RE	042-M-2622-01 RE	042-M-2622-01 REMS	042-M-Z720-01 RE
	ORIGINAL ID ----->	040MZ50901	040MZ53001	040MZ53401	040MZ62201	04011262201	040MZ72001
	LAB SAMPLE ID --->	960010-02	951021-18	950983-02	950899-16	950899-16	950887-15
	ID FROM REPORT -->	040MZ50901	040MZ53001	040MZ53401	04011262201	04011262201	040MZ72001
	SAMPLE DATE ----->	01/10/96	12/07/95	11/28/95	11/06/95	11/06/45	10/30/95
	DATE EXTRACTED -->	01/17/96	01/02/96	12/21/96	11/13/95	11/13/95	11/09/95
	DATE ANALYZED --->	01/17/96	01/02/96	12/21/96	11/13/95	11/13/95	11/09/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	250801	EM0050	253301	040EM0	040EM0	MZ7230
9999900-01-4	Total Organic Carbon (TOC)	1130.	714.	1330.	3720.	6390.	872.

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

TOC							
	SAMPLE ID ------->	042-W-2801-01 RE	042-M-2802-01 RE	042-M-2827-01 RE			
	ORIGINAL ID ----->	040MZ80101	040MZ80201	040MZ82701			
	LAB SAMPLE ID --->	950930-05	950876-18	950865-07			
	ID FROM REPORT -->	040MZ80101	040MZ80201	040MZ82701			
	SAMPLE DATE ----->	11/13/95	10/26/95	10/23/95			
	DATE EXTRACTED -->	11/22/95	11/03/95				
	DATE ANALYZED --->	11/22/95	11/03/95	11/22/95			
	MATRIX ---------->	Sediment	Sediment	Sediment			
	UNITS ---------->	MG/KG	MG/KG	MG/KG			
CAS #	Parameter	241901	MZ8030	EM0010			
9999900-01-4	Total Organic Carbon (TOC)	4330.	776.	39700.			

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
Re-extractions (RE)/Dilutions (DL)

VOA											
	SAMPLE ID ------->	042-M-2815-01 RE		042-M-2820-01		042-M-2822-01					
	ORIGINAL ID ----->	040MZ81501		040MZ82001		040MZ82201					
	LAB SAMPLE ID --->	950865-16		950865-11		950865-09					
	ID FROM REPORT -->	040MZ81501		040MZ82001		040MZ82201					
	SAMPLE DATE ----->	10/24/95		10/24/95		10/24/95					
	DATE ANALYZED --->	11/02/95		11/01/95		10/31/95					
	MATRIX ---------->	sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	EM0010	VAL	EM0010	VAL	EM0010	VAL				
74-87-3	Chloromethane	14.	UR	17.	UR	15.	UR				
74-83-9	Bromomethane	14.	UR	17.	UR	15.	UR				
75-01-4	Vinyl chloride	4.	UR	5.	UR	4.	UR				
75-00-3	Chloroethane	14.	UR	17.	UR	15.	UR				
75-09-2	Methylene chloride	14.	UR	21.	UR	15.	UR				
67-64-1	Acetone	26.	UR	52.	UR	39.	UR				
75-15-0	Carbon disulfide	14.	UR	17.	UR	15.	UR				
75-35-4	1,1-Dichloroethene	14.	UR	17.	UR	15.	UR				
75-34-3	1,1-Dichloroethane	14.	UR	17.	UR	15.	UR				
540-59-0	1,2-Dichloroethene (total)	14.	UR	17.	UR	15.	UR				
67-66-3	Chloroform	14.	UR	17.	UR	15.	UR				
107-06-2	1,2-Dichloroethane	14.	UR	17.	UR	15.	UR				
78-93-3	2-Butanone (MEK)	14.	UR	17.	UR	15.	UR				
71-55-6	1,1,1-Trichloroethane	14.	UR	17.	UR	15.	UR				
56-23-5	Carbon tetrachloride	14.	UR	17.	UR	15.	UR				
75-27-4	Bromodichlorunethane	14.	UR	17.	UR	15.	UR				
78-87-5	1,2-Dichloropropane	14.	UR	17.	UR	15.	UR				
10061-01-5	cis-1,3-Dichloropropene	14.	UR	17.	UR	15.	UR				
79-01-6	Trichloroethene	14.	UR	17.	UR	15.	UR				
124-48-1	Dibromochloromethane	14.	UR	17.	UR	15.	UR				
79-00-5	1,1,2-Trichloroethane	14.	UR	17.	UR	15.	UR				
71-43-2	Benzene	14.	UR	17.	UR	15.	UR				
10061-02-6	trans-1,3-Dichloropropene	14.	UR	17.	UR	15.	UR				
75-25-2	Bromoform	14.	UR	17.	UR	15.	UR				
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	UR	17.	UR	15.	UR				
591-78-6	2-Hexanone	14.	UR	17.	UR	15.	UR				
127-18-4	Tetrachloroethene	14.	UR	17.	UR	15.	UR				
79-34-5	1,1,2,2-Tetrachloroethane	14.	UR	17.	UR	15.	UR				
108-88-3	Toluene	14.	UR	17.	UR	15.	UR				
108-90-7	Chlorobenzene	14.	UR	17.	UR	15.	UR				
100-41-4	Ethylbenzene	14.	UR	17.	UR	15.	UR				
100-42-5	Styrene	14.	UR	17.	UR	15.	UR				
1330-20-7	Xylene (Total)	14.	UR	17.	UR	15.	UR				

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

PEST													
	SAMPLE ID -------:	042-M-2530-01 HS		042-M-2530-01 MSD		042-M-2622-01 MS		042-M-2622-01 MSD		042-M-2720-01 MS		042-1-2720-01 MSD	
	ORIGINAL ID -----:	040MZ53001		040MZ53001		040MZ62201		040MZ62201		040MZ72001		040MZ72001	
	LAB SAMPLE ID ---:	951021-18		951021-18		950899-16		950899-16		950887-15		950887-15	
	ID FROM REPORT --:	040MZ53001		040MZ53001		040MZ62201		040MZ62201		040MZ72001		040MZ72001	
	SAMPLE DATE -----:	12/07/95		12/07/95		11/06/95		11/06/95		10/30/95		10/30/95	
	DATE EXTRACTED --:	12/12/96		12/12/96		11/09/95		11/09/95		11/07/95		11/07/95	
	DATE ANALYZED ---:	01/24/96		01/24/96		12/01/95		12/01/95		11/27/95		11/27/95	
	MATRIX ----------:	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ----------:	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0050	VAL	EM0050	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
319-84-6	alpha-BHC	0.11	U	0.1	U	3.2	P	1.6	P	0.11	U	1.2	
319-85-7	beta-BHC	0.11	U	0.1	U	0.11	U	0.27	P	0.11	U	0.11	U
319-86-8	delta-BHC	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
58-89-9	gamma-BHC (Lindane)	1.4		1.2		1.4	P	1.2	P	0.61	P	0.94	P
76-44-8	Heptachlor	1.2		1.1		1.		0.94	P	0.11	U	0.11	U
309-00-2	Aldrin	0.99	P	0.98	P	0.86	P	0.87	P	0.5	P	0.45	P
1024-57-3	Heptachlor epoxide	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
959-98-8	Endosulfan I	0.11	U	0.1	U	0.11	U	0.11	U	0.41	JP	0.83	P
60-57-1	Dieldrin	3.3	P	2.9	P	1.4	P	1.4	P	1.9	P	2.3	P
72-55-9	4,4'-DDE	0.22	U	0.21	U	0.22	U	0.23	U	0.22	U	0.22	U
72-20-8	Endrin	3.2		2.9		2.6		2.1		3.		3.4	
33213-65-9	Endosulfan II	0.22	U	0.21	U	0.22	U	0.23	U	0.22	U	0.22	U
72-54-8	4,4'-DDD	0.22	U	0.21	U	0.22	U	0.23	U	0.22	U	0.22	U
1031-07-8	Endosulfan sulfate	0.22	U	0.21	U	0.22	U	0.23	U	0.22	U	0.22	U
50-29-3	4,4'-DDT	2.9		2.6		2.2		1.9		3.6		3.2	P
72-43-5	Methoxychlor	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
53494-70-5	Endrin ketone	0.22	U	0.21	U	0.22	U	0.23	U	0.22	U	0.22	U
7421-93-4	Endrin aldehyde	0.22	U	0.21	U	0.22	JP	0.23	U	0.22	U	0.22	U
5103-71-9	alpha-Chlordane	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
5103-74-2	gamma-Chlordane	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
8001-35-2	Toxaphene	11.	U	10.	U	11.	U	11.	U	11.	U	11.	U
12674-11-2	Aroclor-1016	2.2	U	2.1	U	2.2	U	2.3	U	2.2	U	2.2	U
11104-28-2	Aroclor-1221	4.2	U	4.2	U	4.4	U	4.4	U	4.2	U	4.2	U
11141-16-5	Aroclor-1232	2.2	U	2.1	U	2.2	U	2.3	U	2.2	U	2.2	U
53469-21-9	Aroclor-1242	2.2	U	2.1	U	2.2	U	2.3	U	2.2	U	2.2	U
12672-29-6	Aroclor-1248	2.2	U	2.1	U	2.2	U	2.3	U	2.2	U	2.2	U
11097-69-1	Aroclor-1254	2.2	U	2.1	U	2.2	U	2.3	U	2.2	U	2.2	U
11096-82-5	Aroclor-1260	2.2	U	2.1	U	2.2	U	2.3	U	2.2	U	2.2	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

PEST													
	SAMPLE ID ------->	042-M-2801-01	MS	042-M-2801-01	MSD	042-M-2802-01	MS	042-M-2802-01	MSD	042-M-2827-01	MS	042-M-2827-01	MSD
	ORIGINAL ID ----->	040MZ80101		040MZ80101		040MZ80201		040MZ80201		040MZ82701		040MZ82701	
	LAB SAMPLE ID --->	950930-05		950930-05		350876-18		950876-18		950865-07		950865-07	
	ID FROM REPORT -->	040MZ80101		040MZ80101		040MZ80201		040MZ80201		040MZ82701		040MZ82701	
	SAMPLE DATE ----->	11/13/95		11/13/95		10/26/95		10/26/95		10/23/95		10/23/95	
	DATE EXTRACTED -->	11/19/95		11/19/95		11/06/95		11/06/95		11/05/95		11/05/95	
	DATE ANALYZED --->	12/08/95		12/08/95		11/30/95		11/30/95		11/26/95		11/26/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	MZ8030	VAL	MZ8030	VAL	EM0010	VAL	EM0010	VAL
319-84-6	alpha-BHC	0.13	U	0.13	U	1.	U	1.	U	4.5	P	9.4	P
319-85-7	beta-BHC	0.13	U	0.13	U	1.	U	1.	U	0.35	U	0.35	U
319-86-8	delta-BHC	0.13	U	0.13	U	1.	U	1.	U	0.35	U	0.35	U
58-89-9	gamma-BHC (Lindane)	1.4	P	0.93	P	19.	D	11.	PD	4.6	P	5.5	P
76-44-8	Heptachlor	1.2	P	1.1	P	9.5	PD	8.8	D	2.2	P	2.8	P
309-00-2	Aldrin	0.91	P	1.	P	8.	PD	6.9	PD	2.8	P	2.8	
1024-57-3	Heptachlor epoxide	0.13	U	0.13	U	1.	U	1.	U	0.35	U	0.35	U
959-98-8	Endosulfan I	0.13	U	0.13	U	1.	U	1.	U	0.35	U	0.35	U
60-57-1	Dieldrin	1.5	P	1.2	P	16.	D	13.	D	4.6	P	4.4	P
72-55-9	4,4'-DDE	0.25	U	0.26	U	2.	U	2.	U	0.7	U	0.71	U
72-20-8	Endrin	2.9	P	2.		20.	D	16.	D	6.3		6.3	
33213-65-9	Endosulfan II	0.25	U	0.26	U	2.	U	2.	U	0.7	U	0.71	U
72-54-8	4,4'-DDD	0.25	U	0.26	U	2.	U	2.	U	0.86		0.3	JP
1031-07-8	Endosulfan sulfate	0.25	U	0.26	U	2.	U	2.	U	0.7	U	0.71	U
50-29-3	4,4'-DDT	2.7		2.1		20.	0	16.	D	5.9	P	5.6	P
72-43-5	Methoxychlor	1.3	U	1.7	P	10.	U	10.	U	3.5	U	3.5	U
53494-70-5	Endrin ketone	0.25	U	0.26	U	2.	U	2.	U	0.7	U	0.71	U
7421-93-4	Endrin aldehyde	0.25	U	0.26	U	2.	U	2.	U	0.7	U	0.71	U
5103-71-9	alpha-Chlordane	0.13	U	0.13	U	1.	U	1.	U	0.63	P	0.8	P
5103-74-2	gamma-Chlordane	0.13	U	0.13	U	1.	U	1.	U	0.35	U	0.35	U
8001-35-2	Toxaphene	25.	U	26.	U	100.	U	100.	U	70.	U	71.	U
12674-11-2	Aroclor-1016	2.5	U	2.6	U	20.	U	20.	U	14.	U	14.	U
11104-28-2	Aroclor-1221	5.1	U	5.1	U	39.	U	39.	U	28.	U	28.	U
11141-16-5	Aroclor-1232	2.5	U	2.6	U	20.	U	20.	U	14.	U	14.	U
53469-21-9	Aroclor-1242	2.5	U	2.6	U	20.	U	20.	U	14.	U	14.	U
12672-29-6	Aroclor-1248	2.5	U	2.6	U	20.	U	20.	U	14.	U	14.	U
11097-69-1	Aroclor-1254	2.5	U	2.6	U	20.	U	20.	U	14.	U	14.	U
11096-82-5	Aroclor-1260	2.5	U	2.6	U	20.	U	20.	U	14.	U	14.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

		042-M-2530-01 MS 040MZ53001 951021-18 040MZ53001 12/07/95 12/12/95 12/28/95 Sediment		042-M-2530-01 MSD 040MZ53001 951021-18 040MZ53001 12/07/95 12/ 12/95 12/30/95 Sediment		042-M-Z622-01 MS 040MZ62201 950899-16 040MZ62201 11/06/95 11/09/95 11/20/95 Sediment		042-M-Z622-01 MSD 040MZ62201 950899-16 040MZ62201 11/06/95 11/09/95 11/24/95 Sediment		042-M-Z720-01 MS 040MZ72001 950887-15 040MZ72001 10/30/95 11/07/95 11/21/95 Sediment		042-M-Z720-01 MSD 040MZ72001 950887-15 040MZ72001 10/30/95 11/07/95 11/21/95 Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0050	VAL	EM0050	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
108-95-2	Phenol	600.		700.		2400.		1800.		980.		1000.	
111-44-4	bis(2-Chloroethyl)ether	42.	U	42.	U	44.	U	44.	U	42.	U	42.	U
95-57-8	2-Chlorophenol	700.		700.		2200.		1700.		1100.		1000.	
541-73-1	1,3-Dichlorobenzene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
106-46-7	1,4-Dichlorobenzene	100.		100.		1600.		1200.		850.		1100.	
95-50-1	1,2-Dichlorobenzene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
95-48-7	2-Methylphenol (0-Cresol)	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
108-60-1	22 '-oxybis(1-Chloropropane)	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	100.		300.		1600.		1300.		540.		630.	
67-72-1	Hexachloroethane	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
98-95-3	Nitrobenzene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
78-59-1	Isophorone	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
88-75-5	2-Nitrophenol	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
105-67-9	2,4-Dimethylphenol	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
120-83-2	2,4-Dichlorophenol	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	300.		200.		1800.		1200.		930.		1200.	
91-20-3	Naphthalene	42.	U	42.	U	44.	U	44.	U	42.	U	42.	U
106-47-8	4-Chloroaniline	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
87-68-3	Hexachlorobutadiene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	900.		900.		2500.		2100.		940.		910.	
91-57-6	2-Methylnaphthalene	42.	U	42.	U	44.	U	44.	U	42.	U	42.	U
77-47-4	Hexachlorocyclopentadiene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	0.	U	0.	U	1100.	U	1100.	U	1000.	U	1000.	U
91-58-7	2-Chloronaphthalene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
88-74-4	2-Nitroaniline	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
131-11-3	Dimethyl phthalate	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
208-96-8	Acenaphthylene	42.	U	42.	U	29.	J	24.	J	420.	U	420.	U
606-20-2	2,6-Dinitrotoluene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
99-09-2	3-Nitroaniline	0.	U	0.	U	1100.	U	1100.	U	1000.	U	1000.	U
83-32-9	Acenaphthene	300.		200.		1700.		1400.		1100.		1100.	
51-28-5	2,4-Dinitrophenol	0.	U	0.	U	1100.	U	1100.	U	1000.	U	1000.	U
100-02-7	4-Nitrophenol	400.		400.		2600.		2500.		910.	J	930.	J
132-64-9	Dibenzofuran	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

SVOA													
	SAMPLE ID ------->	042-M-2530-01 MS		042-M-2530-01 MSD		042-M-Z622-01 MS		042-M-Z622-01 MSD		042-M-Z720-01 MS		042-M-Z720-01 MSD	
	ORIGINAL ID ----->	040MZ53001		040MZ53001		040MZ62201		040MZ62201		040MZ72001		040MZ72001	
	LAB SAMPLE ID --->	951021-18		951021-18		950899-16		950899-16		950887-15		950887-15	
	ID FROM REPORT -->	040MZ53001		040MZ53001		040MZ62201		040MZ62201		040MZ72001		040MZ72001	
	SAMPLE DATE ----->	12/07/95		12/07/95		11/06/95		11/06/95		10/30/95		10/30/95	
	DATE EXTRACTED -->	12/12/95		12/12/95		11/09/95		11/09/95		11/07/95		11/07/95	
	DATE ANALYZED --->	12/28/95		12/30/95		11/20/95		11/24/95		11/21/95		11/21/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0050	VAL	EM0050	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
121-14-2	2,4-Dinitrotoluene	700.		300.		1600.		1500.		920.		980.	
84-66-2	Diethylphthalate	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
86-73-7	Fluorene	20.	U	20.	U	21.	U	21.	U	21.	U	21.	U
100-01-6	4-Nitroaniline	0.	U	0.	U	1100.	U	1100.	U	1000.	U	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	0.	U	0.	U	1100.	U	1100.	U	1000.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
118-74-1	Hexachlorobentene	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
87-86-5	Pentachlorophenol	500.		550.	J	650.	J	550.	J	760.	J	560.	J
85-01-8	Phenanthrene	42.	U	42.	U	110.		86.		42.	U	42.	U
120-12-7	Anthracene	42.	U	42.	U	94.		120.		42.	U	42.	U
84-74-2	Di-n-butylphthalate	23.	J	27.	J	23.	J	31.	J	420.	U	420.	U
206-44-0	Fluoranthene	42.	U	42.	U	280.		300.		42.	U	42.	U
86-74-8	Carbazole	420.	U	420.	U	28.	J	440.	U	420.	U	420.	U
129-00-0	Pyrene	200.		200.		1800.		1500.		1100.		1500.	
85-68-7	Butylbenzylphthalate	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
56-55-3	Benzo(a)anthracene	42.	U	42.	U	210.		120.		42.	U	42.	U
218-01-9	Chrysene	42.	U	42.	U	410.		200.		42.	U	42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	38.	BJ	36.	BJ	230.	BJ	140.	BJ	54.	BJ	90.	BJ
117-84-0	Di-n-octyl phthalate	420.	U	420.	U	440.	U	440.	U	420.	U	420.	U
205-99-2	Benzo(b)fluoranthene	42.	U	42.	U	280.		250.		42.	U	42.	U
207-08-9	Benzo(k)fluoranthene	42.	U	42.	U	270.		72.		42.	U	42.	U
50-32-8	Benzo(a)pyrene	42.	U	42.	U	190.		81.		42.	U	42.	U
193-39-5	Indeno(1,2,3-cd)pyrene	42.	U	42.	U	80.		56.		42.	U	42.	U
53-70-3	Dibenz(a,h)anthracene	42.	U	42.	U	44.	U	44.	U	42.	U	42.	U
191-24-2	Benzo(g,h,i)perylene	42.	U	42.	U	67.		57.		42.	U	42.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

		042-M-2801-01 MS 040MZ80101 950930-05 040MZ80101 11/13/95 11/19/95 12/07/95 Sediment UG/KG		042-M-2801-01 MSD 040MZ80101 950930-05 040MZ80101 11/13/95 11/19/95 12/07/95 sediment UG/KG		042-M-2802-01 MS 040MZ80201 950876-18 040MZ80201 10/26/95 11/06/95 11/16/95 Sediment UG/KG		042-M-2802-01 MSD 040MZ80201 950876-18 040MZ80201 10/26/95 11/06/95 11/16/95 Sediment UG/KG		042-M-2827-01 MS 040MZ82701 950865-07 040MZ82701 10/23/95 11/05/95 11/13/95 Sediment UG/KG		042-H-2827-01 MSD 040MZ82701 950865-07 040MZ82701 10/23/95 11/05/95 11/13/95 Sediment UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	MZ8030	VAL	MZ8030	VAL	EM0010	VAL	EM0010	VAL
108-95-2	Phenol	2800.		2100.		1600.		1400.		6100.		6600.	
111-44-4	bis(2-Chloroethyl)ether	50.	U	50.	U	39.	U	39.	U	140.	U	140.	U
95-57-8	2-Chlorophenol	2800.		2000.		1200.		960.		5500.		5900.	
541-73-1	1,3-Dichlorobenzene	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
106-46-7	1,4-Dichlorobenzene	1800.		1300.		1100.		920.		3700.		4100.	
95-50-1	1,2-Dichlorobenzene	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
95-48-7	2-Methylphenol (0-Cresol)	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
106-44-5	4-Methylphenol (p-Cresol)	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
621-64-7	N-Nitroso-di-n-propylamine	2000.		1500.		1100.		990.		4100.		4200.	
67-72-1	Hexachloroethane	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
98-95-3	Nitrobenzene	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
78-59-1	Isophorone	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
88-75-5	2-Nitrophenol	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
105-67-9	2,4-Dimethylphenol	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
111-91-1	bis(2-Chloroethoxy)methane	500.	U	500.	U	390.	U	3w.	U	1400.	U	1400.	U
120-83-2	2,4-Dichlorophenol	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
120-82-1	1,2,4-Trichlorobenzene	1900.		1400.		1200.				3800.		4400.	
91-20-3	Naphthalene	50.	U	50.	U	39.	U		U	140.	U	140.	U
106-47-8	4-Chloroaniline	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
87-68-3	Hexachlorobutadiene	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
59-SO-7	4-Chloro-3-methylphenol	2900.		2300.		1500.				6700.		7000.	
91-57-6	2-Methylnaphthalene	50.	U	50.	U	39.	U		U	140.	U	140.	U
77-47-4	Hexachlorocyclopentadiene	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
88-06-2	2,4,6-Trichlorophenol	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
95-95-4	2,4,5-Trichlorophenol	1200.	U	1200.	U	950.	U		U	3300.	U	3300.	U
91-58-7	2-Chloronaphthalene	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
88-74-4	2-Nitroaniline	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
131-11-3	Dimethyl phthalate	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
208-96-8	Acenaphthylene	500.	U	500.	U	390,	U		U	1400.	U	1400.	U
606-20-2	2,6-Dinitrotoluene	500.	U	500.	U	390.	U		U	1400.	U	1400.	U
99-09-2	3-Nitroaniline	1200.	U	1200.	U	950.	U		U	3300.	U	3300.	U
83-32-9	Acenaphthene	2000.		1500.		1100.				4200.		4400.	
51-28-5	2,4-Dinitrophenol	1200.	U	1200.	U	950.	U		U	3300.	U	3300.	U
100-02-7	4-Nitrophenol	3200.		2400.		1600.				5900.		6400.	
132-64-9	Dibenzofuran	500.	U	500.	U	390.	U		U	1400.	U	1400.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

SVOA													
	SAMPLE ID ------->	042-M-Z801-01 MS		042-M-Z801-01 MSD		042-M-Z802-01 MS		042-M-Z802-01 MSD		042-M-2827-01 MS		042-H-2827-01 MSD	
	ORIGINAL ID ----->	040MZ80101		040MZ80101		040MZ80201		040MZ80201		040MZ82701		040MZ82701	
	LAB SAMPLE ID --->	950930-05		950930-05		950876-18		950876-18		950865-07		950865-07	
	ID FROM REPORT -->	040MZ80101		040MZ80101		040MZ80201		040MZ80201		040MZ82701		040MZ82701	
	SAMPLE DATE ----->	11/13/95		11/13/95		10/26/95		10/26/95		10/23/95		10/23/95	
	DATE EXTRACTED -->	11/19/95		11/19/95		11/06/95		11/06/95		11/05/95		11/05/95	
	DATE ANALYZED --->	12/07/95		12/07/95		11/16/95		11/16/95		11/13/95		11/13/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	MZ8030	VAL	MZ8030	VAL	EM0010	VAL	EM0010	VAL
121-14-2	2,4-Dinitrotoluene	2100.		1500.		1200.		1000.		4000.		4200.	
84-66-2	Diethylphthalate	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
7005-72-3	4-Chlorophenylphenylether	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
86-73-7	Fluorene	24.	U	24.	U	19.	U	19.	U	66.	U	66.	U
100-01-6	4-Nitroaniline	1200.	U	1200.	U	950.	U	950.	U	3300.	U	3300.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1200.	U	1200.	U	950.	U	950.	U	3300.	U	3300.	U
86-30-6	N-Nitrosdiphenylamine	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
101-55-3	4-Branophenyl-phenylether	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
118-74-1	Hexachlorobenzene	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
87-86-5	Pentachlorophenol	900.	J	910.	J	670.	J	1100.		1000.	J	1500.	J
85-01-8	Phenanthrene	50.	U	57.		39.	U	39.	U	140.	U	140.	U
120-12-7	Anthracene	50.	U	50.	U	39.	U	39.	U	140.	U	140.	U
84-74-2	Di-n-butylphthalate	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
206-44-0	Fluoranthene	50.	U	120.		39.	U	39.	U	140.	U	140.	U
86-74-8	Carbazole	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
129-00-0	Pyrene	1800.		1700.		1100.		910.		3600.		4300.	
85-68-7	Butylbenzylphthalate	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
91-94-1	3,3'-Dichlorobenzidine	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
56-55-3	Benzo(a)anthracene	50.	U	50.	U	39.	U	39.	U	140.	U	140.	U
218-01-9	Chrysene	86.		50.	U	39.	U	39.	U	140.	U	140.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	180.	BJ	120.	BJ	150.	BJ	120.	BJ	450.	BJ	400.	BJ
117-84-0	Di-n-octyl phthalate	500.	U	500.	U	390.	U	390.	U	1400.	U	1400.	U
205-99-2	Benzo(b)fluoranthene	50.	U	50.	U	39.	U	39.	U	140.	U	140.	U
207-08-9	Benzo(k)fluoranthme	50.	U	50.	U	39.	U	39.	U	140.	U	140.	U
50-32-8	Benzo(a)pyrene	50.	U	50.	U	390.	U	390.	U	140.	U	140.	U
193-39-5	Indeno(1,2,3-cd)pyrene	50.	U	50.	U	39.	U	39.	U	140.	U	140.	U
53-70-3	Dibenz(a,h)anthracene	50.	U	50.	U	390.	U	390.	U	140.	U	140.	U
191-24-2	Benzo(g,h,i)perylene	50.	U	50.	U	39.	U	39.	U	140.	U	140.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II

TOC							
	SAMPLE ID ------->	042-M-Z530-01 REMD	042-M-2530-01 REMS	042-M-2534-01 REMS	042-M-Z801-01 REMS		
	ORIGINAL ID ----->	040MZ53001	040MZ53001	040MZ53401	040MZ80101		
	LAB SAMPLE ID --->	951021-18	951021-18	950983-02	950930-05		
	ID FROM REPORT -->	040MZ53001	040MZ53001	040MZ53401	040MZ80101		
	SAMPLE DATE ----->	12/07/95	12/07/95	11/28/95	11/13/95		
	DATE EXTRACTED -->	01/02/96	01/02/96	12/21/96	11/22/95		
	DATE ANALYZED --->	01/02/96	01/02/96	12/21/96	11/22/95		
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment		
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG		
CAS A	arameter	EM0050	EM0050	253301	241901		
999900-01-4	otal Organic Carbon (TOC)	220.	220.	2200.	7510.		

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

VOA													
	SAMPLE ID ------->	042-M-2530-01 MS		042-M-2530-01 MSD		042-M-2622-01 MS		042-M-2622-01 MSD		042-M-2720-01 MS		042-M-2720-01 MSD	
	ORIGINAL ID ----->	040MZ53001		040MZ53001		040MZ62201		040MZ62201		040MZ72001		040MZ72001	
	LAB SAMPLE ID --->	951021-18		951021-18		950899-16		950899-16		950887-15		950887-15	
	ID FROM REPORT -->	040MZ53001		040MZ53001		040MZ62201		040MZ62201		040MZ72001		040MZ72001	
	SAMPLE DATE ----->	12/07/95		12/07/95		11/06/95		11/06/95		10/30/95		10/30/95	
	DATE ANALYZED --->	12/13/95		12/13/95		11/08/95		11/08/95		11/03/95		11/03/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM0050	VAL	EM0050	VAL	040EM0	VAL	040EM0	VAL	MZ7230	VAL	MZ7230	VAL
74-87-3	Chloromethane	12.	U	12.	U	13.	U	2.	J	12.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	13.	U	2.	BJ	12.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
75-09-2	Methylene chloride	7.	J	7.	J	37.	B	41.	B	51.	B	56.	B
67-64-1	Acetone	12.	U	12.	U	12.	J	13.		13.	B	12.	U
75-15-0	Carbon disulfide	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
75-35-4	1,1-Dichloroethene	49.		51.		67.		71.		70.		75.	
75-34-3	1,1-Dichloroethane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
67-66-3	Chloroform	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	13.	U	13.	U	3.	J	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
79-01-6	Trichloroethene	60.		61.		64.		63.		72.		69.	
124-48-1	Dibromochloromethane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
71-43-2	Benzene	51.		54.		62.		62.		68.		67.	
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
75-25-2	Bromoform	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
591-78-6	2-Hexanone	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethanc	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
108-88-3	Toluene	55.		58.		63.		59.		71.		70.	
108-90-7	Chlorobenzene	58.		59.		66.		63.		73.		70.	
100-41-4	Ethylbenzene	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
100-42-5	Styrene	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	13.	U	13.	U	12.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

VOA													
	SAMPLE ID ------->	042-H-2801-01 MS		042-H-2801-01 MSD		042-H-2802-01 MS		042-M-2802-01 MSD		042-M-2827-01 MS		042-M-2827-01 MSD	
	ORIGINAL ID ----->	040MZ80101		040MZ80101		040MZ80201		040MZ80201		040MZ82701		040MZ82701	
	LAB SAMPLE ID --->	950930-05		950930-05		950876-18		950876-18		950865-07		950865-07	
	ID FROM REPORT -->	040MZ80101		040MZ80101		040MZ80201		040MZ80201		040MZ82701		040MZ82701	
	SAMPLE DATE ----->	11/13/95		11/13/95		10/26/95		10/26/95		10/23/95		10/23/95	
	DATE ANALYZED --->	11/19/95		11/19/95		10/31/95		10/31/95		10/31/95		10/31/95	
	MATRIX ---------->	Sediment		sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	241901	VAL	241901	VAL	MZ8030	VAL	MZ8030	VAL	EM0010	VAL	EM0010	VAL
74-87-3	Chloromethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
74-83-9	Bromomethane	5.	J	5.	J	13.	U	13.	U	50.	U	50.	U
75-01-4	Vinyl chloride	5.	U	5.	U	4.	U	4.	U	15.	U	15.	U
75-00-3	Chloroethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
75-09-2	Methylene chloride	20.	B	20.	B	6.	J	6.	J	50.	U	50.	U
67-64-1	Acetone	36.	B	38.	B	13.	U	13.	U	50.	U	50.	U
75-15-0	Carbon disulfide	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
75-35-4	1,1-Dichloroethene	77.		78.		47.		42.		170.		150.	
75-34-3	1,1-Dichloroethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
540-59-0	1,2-DichLoroethene (total)	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
67-66-3	Chloroform	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
107-06-2	1,2-Dichloroethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
78-93-3	2-Butanone (MEK)	19.		18.	U	13.	U	13.	U	50.	U	50.	U
71-55-6	1,1,1-Trichloroethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
56-23-5	Carbon tetrachloride	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
75-27-4	Bromodichloromethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
78-87-5	1,2-Dichloropropane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
10061-01-5	cis-1,3-Dichloropropene	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
79-01-6	Trichloroethene	85.		84.		57.		57.		200.		190.	
124-48-1	Dibromochloromethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
79-00-5	1,1,2-Trichloroethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
71-43-2	Benzene	80.		79.		64.		62.		200.		190.	
10061-02-6	trans-1,3-Dichloropropene	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
75-25-2	Bromoform	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
591-78-6	2-Hekanone	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
127-18-4	Tetrachloroethene	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
79-34-5	1,1,2,2-Tetrachloroethane	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
108-88-3	Toluene	81.		85.		67.		62.		230.		200.	
108-90-7	Chlorobenzene	87.		93.		71.		64.		240.		220.	
100-41-4	Ethylbenzene	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
100-42-5	Styrene	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U
1330-20-7	Xylene (Total)	18.	U	18.	U	13.	U	13.	U	50.	U	50.	U

*** Validation Complete ***

PENSACOLA, SITE 42
PENSACOLA, SITE 42, PHASE II
MS/MSD

VOA												
	SAMPLE ID	VLC-0-0EM0-01		VLC-0-2301-03		VLC-0-M001-01						
	ORIGINAL ID	VLCSOI		VLCS01		VLCSOI						
	LAB SAMPLE ID	V71105-LCS		V71102-LCS		V21030-LCS						
	ID FROM REPORT	VLCSOI		VLCSOI		VLCS01						
	SAMPLE DATE											
	DATE ANALYZED	11/05/95		11/02/95		10/31/95						
	MATRIX	Soil		Soil		Soil						
	UNITS	UG/KG		UG/KG		UG/KG						
CAS #	Parameter	040EM0	VAL	M27230	VAL	EM0010	VAL					
74-87-3	Chloromethane	28.		36.		40.						
74-83-9	Bromomethane	39.		49.		49.						
75-01-4	Vinyl chloride	32.		39.		45.						
75-00-3	Chloroethane	36.		48.		51.						
75-09-2	Methylene chloride	38.		52.	B	46.						
67-64-1	Acetone	56.	B	67.	B	72.						
75-15-0	Carbon disulfide	23.		26.		57.						
75-35-4	1,1-Dichloroethene	47.		56.		53.						
75-34-3	1,1-Dichloroethane	47.		47.		55.						
540-59-0	1,2-Dichloroethene (total)	49.		33.		46.						
67-66-3	Chloroform	48.		50.		54.						
107-06-2	1,2-Dichloroethane	43.		45.		50.						
78-93-3	2-Butanone (MEK)	51.		55.		66.						
71-55-6	1,1,1-Trichloroethane	45.		49.		43.						
56-23-5	Carbon tetrachloride	49.		58.		45.						
75-27-4	Bromodichloromethane	43.		46.		43.						
78-87-5	1,2-Dichloropropane	48.		48.		48.						
10061-01-5	cis-1,3-Dichloropropene	40.		41.		41.						
79-01-6	Trichloroethene	50.		55.		47.						
124-48-1	Dibromochloromethane	47.		55.		45.						
79-00-5	1,1,2-Trichloroethane	48.		52.		46.						
71-43-2	Benzene	43.		44.		43.						
10061-02-6	trans-1,3-Dichloropropene	45.		48.		45.						
75-25-2	Bromoform	50.		51.		41.						
108-10-1	4-Methyl-2-Pentanone (MIBK)	44.		41.		45.						
591-78-6	2-Hexanone	49.		45.		61.						
127-18-4	Tetrachloroethene	50.		56.		51.						
79-34-5	1,1,2,2-Tetrachloroethane	45.		49.		47.						
108-88-3	Toluene	46.		46.		47.						
108-90-7	Chlorobenzene	49.		52.		50.						
100-41-4	Ethylbenrene	47.		47.		46.						
100-42-5	Styrene	45.		46.		46.						
1330-20-7	Xylene (Total)	45.		48.		47.						

*** validation Complete ***