N00204.AR.005304
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FINAL PRELIMINARY SITE CHARACTERIZATION REPORT FOR SITE 36 NAS PENSACOLA FL

4/25/1997

ENSAFE ALLEN AND HOSHALL

FINAL PRELIMINARY SITE CHARACTERIZATION REPORT
SITE 36
NAVAL AIR STATION
PENSACOLA, FLORIDA

SOUTHNAVFACENGCOM
CONTRACT NUMBER:
N62467-89-D-0318
CTO — 063

Prepared for:

Comprehensive Long-Term
Environmental Action Navy (Clean)
Naval Air Station
Pensacola, Florida

Prepared by:

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April 25, 1997

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Henry H. Beiro, P.G.
Task Order Manager

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cc: Ms. Linda Boldyreff, The University of West Florida

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Henry H. Beiro, P.G.
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MIXTURE MODELING IN A COMPLICATED DATA SET: APPLICATION TO NAS PENSACOLA BACKGROUND

Introduction

The detection of background is a controversial subject in many RCRA/CERCLA applications, particularly when a suitable site cannot be found to independently determine background. One possible solution is to model site samples as a mixture of lognormal distributions, with the idea that a subset of the samples taken will be uncontaminated and may reflect site conditions prior to RCRA/CERCLA activities. This paper explores the potential solution using a methodology developed in Singh, Singh, and Flatman, 1994.

Materials and Methods

The basic idea of the Singh, Singh, and Flatman (1994) procedure is using a Quantile-Quantile (Q-Q) plot to distinguish normal subgroups. The Q-Q plot was developed to visualize the similarity of two distributions. While very effective for single distributions, it is less useful in the presence of a mixture of two distributions. For this application, Singh, et al. have developed an algorithm using a robust technique for determining the upper tolerance limit (UTL) for each population. Using the UTL, each population could then be segregated for further treatment.

Results

In order to evaluate the applicability of this method to NAS Pensacola data, two problematic elements were chosen for testing. Iron and arsenic are observed frequently in groundwater wells on base and are suspected of existing in background.

Example 1: Arsenic in Groundwater

The method to detect mixtures by Singh, et al. was applied to arsenic data collected in NAS Pensacola groundwater. Singh, et. al. do not specify a method for using non-detect values, however for this particular study, UTL values were estimated with detects only. From Figure 1, an initial Q-Q plot of all the data revealed that detected and estimated non-detects, replaced with ½ the Contract Required Quantitation Limit (CRQL) values, behaved quite differently. Figure 2 depicts the CRQL values plotted separately alongside the detected values to help visualize their influence. The method ignores spatial and temporal correlations, so that samples drawn from nearby wells or even from the same well at different times are considered independent samples.

As seen in Figure 3, application of the algorithm revealed 6 different populations. While the exact bounds are difficult to determine, the procedure seemed to do a good job of dividing the populations into approximately lognormal groups. The UTL is dsiplayed in the upper right hand corner of each graph. The lower right hand graph on Figure 3 exhibits the lowest value single population of arsenic presumed to be background.

Data obtained during the Site 1 and OU-2 investigations, represent a background model based on such things as;

- being located upgradient or on a hydrologic divide,
- no history of contaminants being used in that area,
- similar soil horizons, and
- similar hydrogeology.

These data point represent a model for the current natural and anthropogenic background populations at NAS Pensacola. Modeling background using upgradient sources is not uncommon and though the data set may be small, it does offer a defensible method for referencing background conditions.

References

A. Singh, A. K. Singh, and G. Flatman
Estimation of Background Levels of Contaminants
Mathematical Geology, Vol. 26., No. 3, 1994.

FIGURE 1

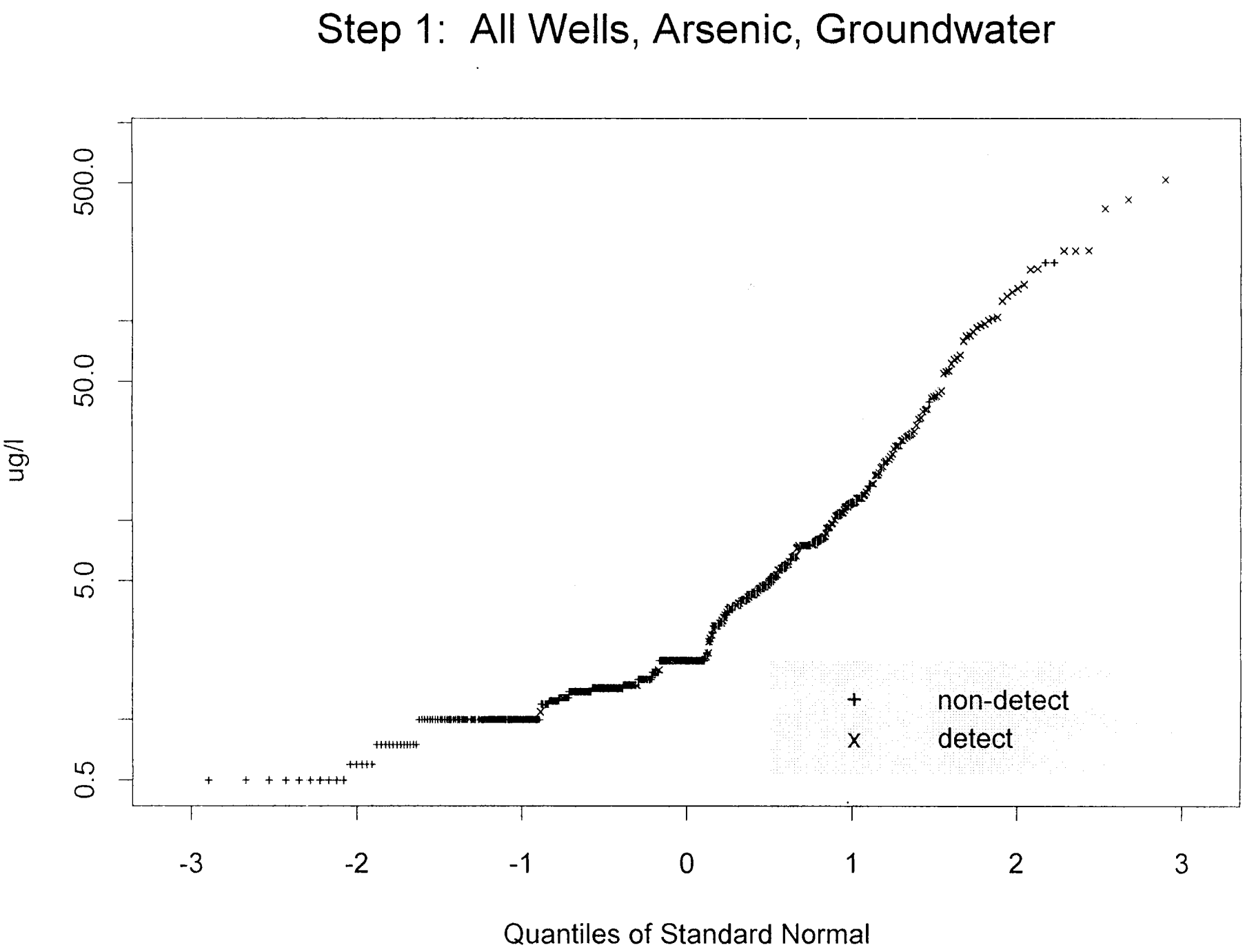

Step 1: All Wells, Arsenic, Groundwater
ug/l
500.0
50.0
5.0
0.5
-3
-2
-1
0
1
2
3
Quantiles of Standard Normal
+ non-detect
x detect

FIGURE 2

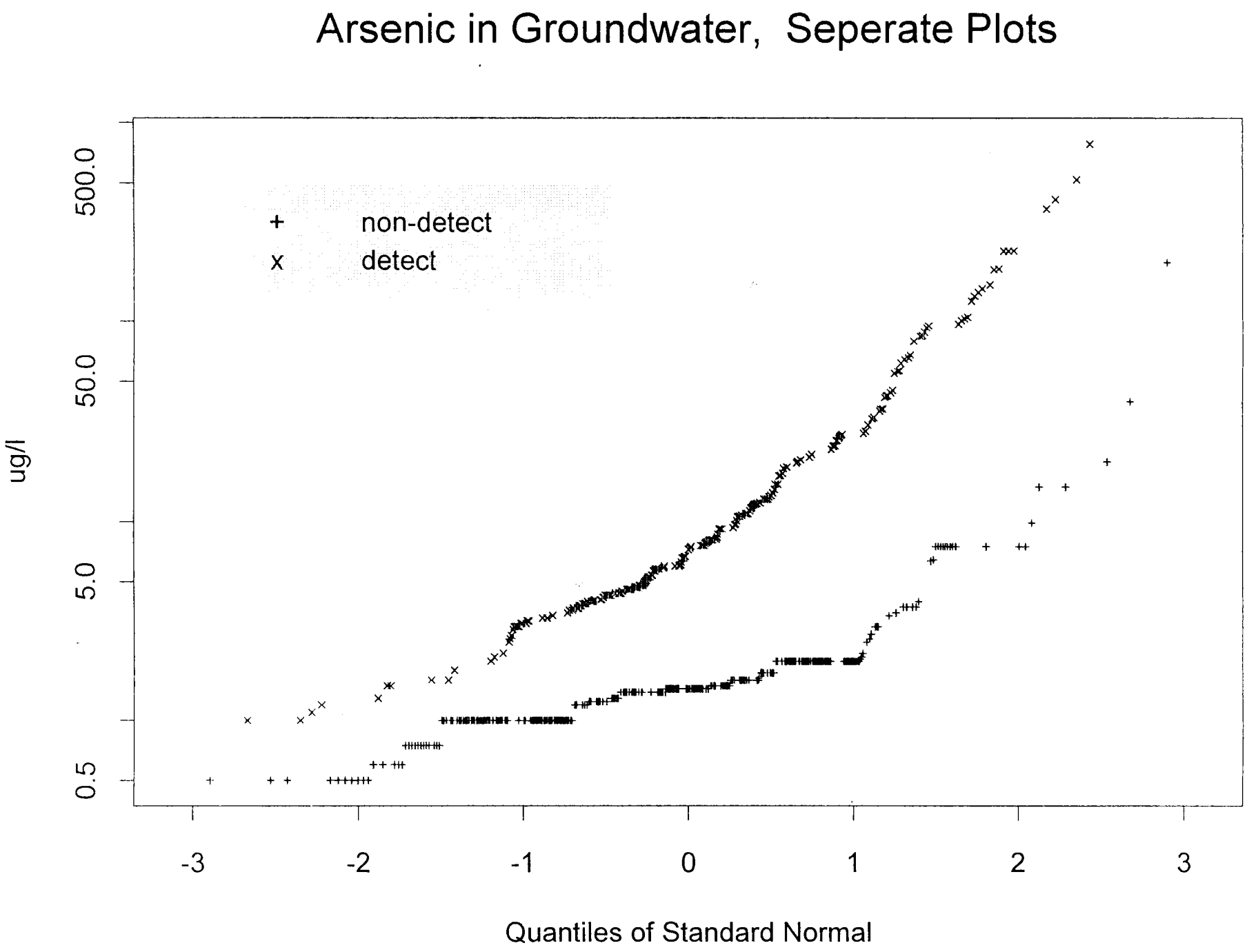

Arsenic in Groundwater, Seperate Plots
+ non-detect
x detect
ug/l
500.0
50.0
5.0
0.5
-3
-2
-1
0
1
2
3
Quantiles of Standard Normal

FIGURE 3

Arsenic in Groundwater

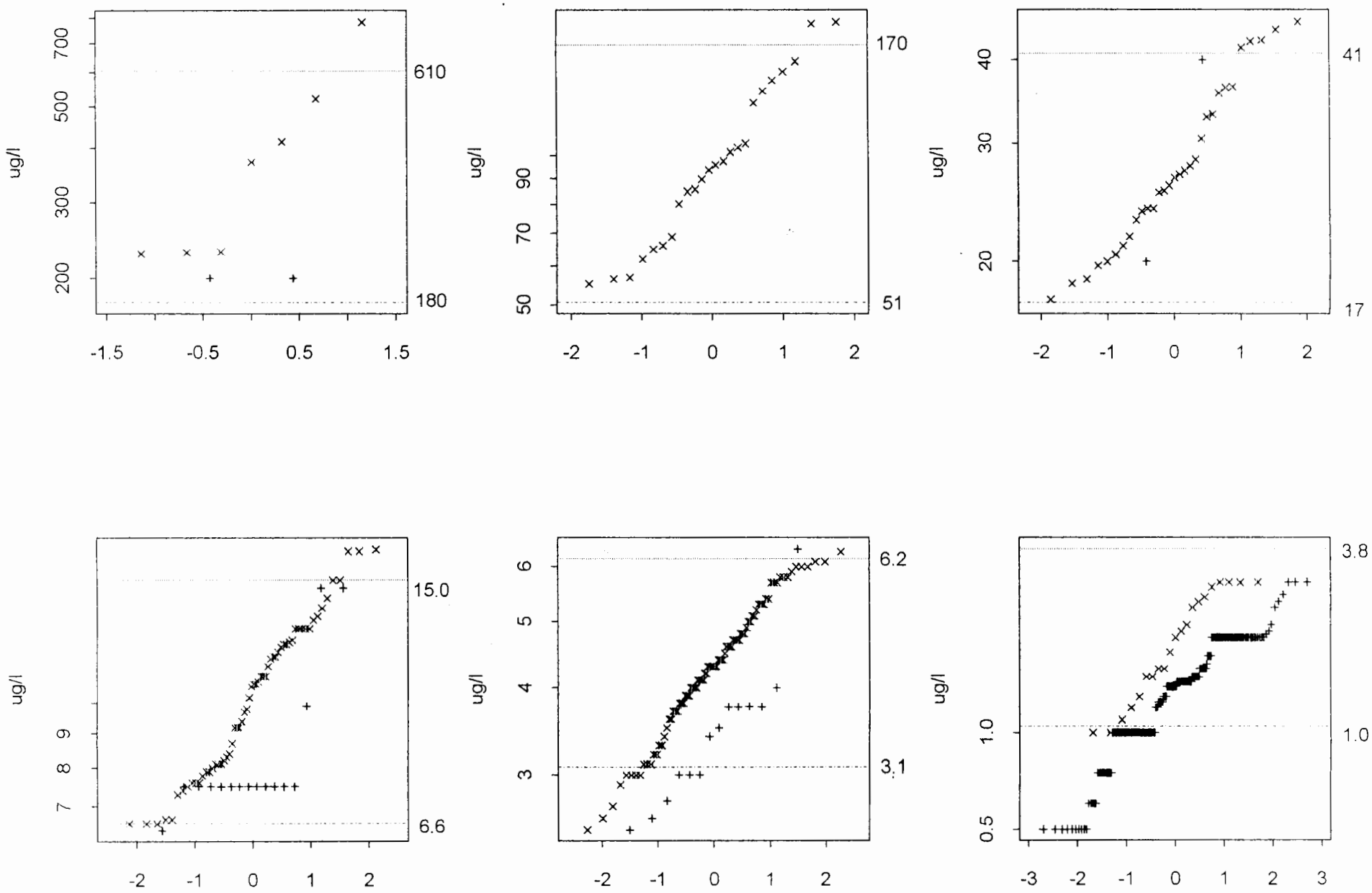
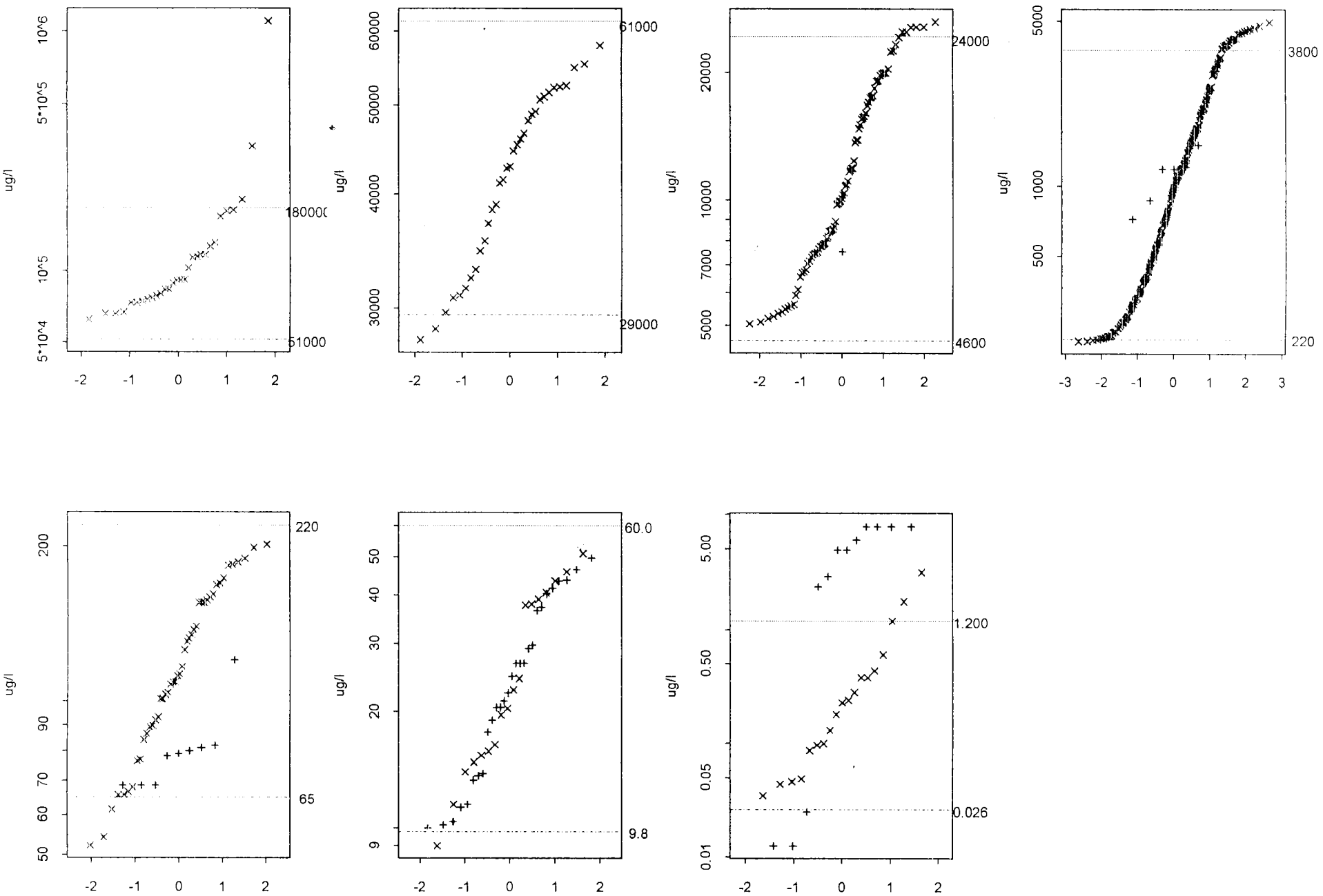


FIGURE 4

IRON



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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.

Date: April 25, 1997
Signature: Allison A Dennen
Name: Allison Dennen
Title: Task Order Manager

April 25, 1997

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April 25, 1997

Report Documentation Page

Form approved
OMB No. 0704-0188

1a. Report Security Classification **Unclassified**	1b. Restrictive Marking **N/A**
2a. Security Classification Authority **N/A**	3. Distribution/Availability of Report **See Cover Letters**
2b. Declassification/Downgrading Schedule **N/A**	
4. Performing Organization Report Number(s) **N/A**	5. Monitoring Organization Report Number(s) **N/A**
6a. Name of Performing Organization **EnSafe/Allen & Hoshall** 6b. Office Symbol *(if applicable)* **E/A&H**	7a. Name of Monitoring Organization **Naval Air Station Pensacola**
6c. Address *(City, State, and ZIP Code)* **5720 Summer Trees Drive, Suite 8** **Memphis, Tennessee 38134**	7b. Address *(City, State and ZIP Code)* **Pensacola, Florida 32501**
8a. Name of Funding/ Sponsoring Organization **SOUTHNAVFACENGCOM** 8b. Office Symbol (if applicable) **N/A**	9. Procurement Instrument Identification Number **N62467-89-D0318/063**
8c. Address *(City, State and ZIP code)* **2155 Eagle Drive** **P.O. Box 10068** **Charleston, South Carolina 29411**	10. Source of Funding Numbers Program Element No. / Project No. / Task No. / Work Unit Accession No.
11. Title *(Include Security Classification)* **Preliminary Site Characterization Report for Site 36, Naval Air Station Pensacola, Pensacola, Florida**	
12. Personal Author(s) **Caldwell, Brian, (P.G.#1330, Florida [Exp. Date July 31, 1997]); Allison Dennen**	
13a. Type of Report **Final** 13b. Time Covered From **10/01/92** To **04/25/97**	14. Date of Report **1997, April 25** 15. Page Count **592**
16. Supplementary Notation **N/A**	
17. COSATI Codes Field / Group / Sub-Group	18. Subject Terms *(Continue on reverse if necessary and identify by block number)*

19. Abstract

A preliminary site characterization investigation was conducted for the Industrial Wastewater Treatment Plant sewer line, Site 36 (the sewer line south of Ecology & Environment [E&E; 1992] location number TL 045/A) including the southwest arm to Pump Station 3, the southeast portion to the lift station between Buildings 54 and 18 (E&E location number TL 073/C), and the area near Building 3380. The investigation identified soil and groundwater contamination apparently resulting from past releases in the Site 36 area. Historical records indicate that activities within the Chevalier Field area may have impacted Site 36 over the years.

Soil preliminary remediation goals (PRGs) are the lower of the Florida Department of Environmental Protection (FDEP) cleanup goals and United States Environmental Protection Agency (USEPA) risk-based concentrations. Site 36 and Building 3380 soil contains localized concentrations of metals and semivolatiles above surface soil PRGs. Metals, semivolatiles, and pesticides exceeded leachability PRGs in subsurface soil at sporadic locations.

Groundwater PRGs are the lower of the USEPA maximum contaminant levels and FDEP groundwater guidance concentrations. Groundwater contains ubiquitous inorganic constituents above PRGs that are consistent with the general quality of groundwater at Naval Air Station (NAS) Pensacola and the Sand-and-Gravel Aquifer in southern Escambia County. Antimony, iron, manganese, lead, and sodium exceeded their PRGs in groundwater. Only lead and sodium are primary drinking water standards. Lead exceeded its PRG (15 parts per billion [ppb]) at seven monitoring wells. Sodium also exceeded its primary standard in monitoring wells 36GR52 and 36GR54.

The IWTP sewer line is near the AVGAS line and four former USTs. Lead detections in groundwater in the southeast portion of Chevalier Field may be attributable to the nearby petroleum sites (UST Sites 11 and 12). Monitoring wells completed during this investigation are near the USTs or are downgradient. Lead detections exceed the MCL/FPDWS of 15 ppb, but are below the Florida petroleum program's no-further-action level for lead of 50 ppb. Temporary monitoring well 36GR54 was completed near Site 20, which is currently being investigated under the auspices of the Florida petroleum program. Temporary monitoring well 36GR52 is adjacent to Site 38 and will be addressed with that site.

Organic constituents above PRGs in groundwater were generally limited to two monitoring wells (36GR54 and 36GMW35) and were sporadically detected in other monitoring wells. Monitoring well 36GR54 had exceedances of seven petroleum-related constituents. The well is in the area of Site 20, which is currently being investigated under the Florida petroleum program. The other monitoring well was 36GMW35 (benzene, 1,4-dichlorobenzene) and 36TW01 (benzene) in the Buildings 3380 and 2662 areas. An additional monitoring well installed during Phase II, downgradient of monitoring well 36GMW35 showed the detected concentrations are decreasing.

Groundwater contamination has been detected during other site investigations in the area and will be handled appropriately under those investigations. The area of soil contamination is overlain by pavement, fill, and buildings and is considered stable. Groundwater contamination is not directly attributable to Site 36 soil contamination because contaminants detected in groundwater monitoring wells were not detected in the soil samples collected from the borings directly associated with the monitoring wells.

The primary receiving aquifer within the Site 36 area is the surficial zone of the Sand-and-Gravel aquifer. Currently, groundwater within the surficial zone is not used for any purpose at NAS Pensacola because of its poor quality. The potential for saltwater intrusion from pumping in this area makes the water unsuitable for consumption. Potable water for NAS Pensacola is provided from Corry Station, approximately 3 miles away. Elsewhere in southern Escambia County, it is typically used after being filtered, a treatment effective for constituents detected on Site 36.

The primary surface water body receptors are the adjacent wetlands (Wetland 63) and Pensacola Bay. Since most of the site area is paved, or covered by a building or fill material, leaching and sediment transport are not viable pathways for constituent transport. The groundwater analytical results were compared to surface water standards for the most downgradient monitoring well closest to the surface water body to assess potential impact. For Wetland 63, the parameters of concern (e.g., exceeding surface water standards) are chromium, iron, lead, 1,4-dichlorobenzene, benzene, and chlorobenzene. For Pensacola Bay, the parameters of concern are phenanthrene, iron, and zinc. Contaminant migration is conservatively estimated to equal the average calculated groundwater velocity of 0.293 ft/day. This, coupled with the low concentrations of contaminants, retardation, mechanical dispersion, and chemical diffusion, minimizes impact of constituents in groundwater to nearby surface waters. The NAS Pensacola wetlands will be further evaluated during the Site 41 RI. Pensacola Bay has been investigated as Site 42 and will be recommended for no further action in the RI report.

Further delineation and assessment within the Site 36 area is unwarranted. It is further recommended that the site does not warrant the detailed evaluation of risk associated with a baseline risk assessment. Therefore, no further action is recommended.

20. Distribution/Availability of Abstract ☒ Unclassified/Unlimited ☐ Same as Rept ☐ DTIC Users	21. Abstract Security Classification **N/A**	
22a. Name of Responsible Individual **William Hill**	22b. Telephone *(Include Area Code)* **(803) 820-7324**	22c. Office Symbol

DD Form 1473, JUN 86 *Previous editions are obsolete.* S/N 0102-LF-014-6603

Table of Contents

EXECUTIVE SUMMARY ix

1.0 INTRODUCTION 1-1

2.0 SITE DESCRIPTION AND HISTORY 2-1
- 2.1 Site Description 2-1
- 2.2 Site History 2-2
- 2.3 Chronology of Events and Previous Investigations 2-10

3.0 ENVIRONMENTAL SETTING 3-1
- 3.1 Physiography 3-1
- 3.2 Stratigraphy and Hydrogeology 3-1
- 3.3 Ecological Setting 3-8
  - 3.3.1 Regional Ecological Setting 3-8
  - 3.3.2 Ecological Setting at NAS Pensacola 3-9
- 3.4 Area Climate 3-11

4.0 PRELIMINARY SURVEYS 4-1
- 4.1 Phase I Surveys 4-1
- 4.2 Contaminant Source Survey 4-1
- 4.3 Habitat and Biota Survey 4-2

5.0 FIELD INVESTIGATION APPROACH 5-1
- 5.1 Analytical Parameters 5-2
- 5.2 Soil Sampling 5-4
- 5.3 Groundwater Sampling 5-18
- 5.4 Fieldwork and Sampling Protocols 5-31
- 5.5 Site Area Land Survey 5-37
- 5.6 Site Area Hydrologic Investigation 5-38

6.0 GEOLOGIC AND HYDROLOGIC RESULTS 6-1
- 6.1 Site Hydrogeological Setting 6-1
- 6.2 Water Level Elevations and Potentiometric Results 6-1

7.0 NATURE AND EXTENT OF CONTAMINATION 7-1
- 7.1 Soil Contamination Assessment 7-2
  - 7.1.1 Inorganics 7-2
  - 7.1.2 Organics 7-2
- 7.2 Building 3380 Area Soil Contamination Assessment 7-8
  - 7.2.1 Inorganics 7-8
  - 7.2.2 Organics 7-8
- 7.3 Groundwater Contamination Assessment 7-13
  - 7.3.1 Inorganics 7-13

7.3.2 Organics 7-17
7.4 IWTP Sewer Line Closure 7-18
7.5 Conclusions 7-24

8.0 DATA VALIDATION 8-1
8.1 Organic Analysis 8-2
8.1.1 Holding Times 8-2
8.1.2 Calibrations 8-2
8.1.3 Blanks 8-3
8.1.4 Matrix Spikes 8-3
8.1.5 Surrogates 8-4
8.1.6 Internal Standards 8-4
8.1.7 Field Duplicates 8-4
8.2 Inorganic Analysis 8-5
8.2.1 Holding Times 8-5
8.2.2 Calibration 8-5
8.2.3 Blanks 8-5
8.2.4 ICP Interference Check Sample Analyses 8-5
8.2.5 ICP Serial Dilutions 8-5
8.2.6 Laboratory Control Sample 8-6
8.2.7 Laboratory Duplicates/Spikes 8-6
8.2.8 Field Duplicates 8-6
8.3 Summary 8-7
8.3.1 Completeness 8-7
8.3.2 Comparability 8-7
8.4 Conclusion 8-7

9.0 CONTAMINANT FATE AND TRANSPORT 9-1
9.1 Source Definition 9-1
9.2 Potential Routes of Migration 9-2
9.2.1 Leaching from Soil to Groundwater 9-2
9.2.2 Groundwater Transport 9-7
9.3 Contaminant Persistence 9-8
9.3.1 Chemical and Physical Properties 9-8
9.3.2 Inorganics 9-12
9.3.3 Volatile Organic Compounds 9-13
9.3.4 Semivolatile Organic Compounds 9-13
9.3.5 Pesticides 9-14
9.4 Potential Receptors 9-14

10.0 CONCLUSIONS AND RECOMMENDATIONS 10-1

11.0 REFERENCES 11-1

12.0 FLORIDA PROFESSIONAL GEOLOGIST SEAL 12-1

List of Figures

Figure 2-1 Site Location Map 2-3
Figure 2-2 Site Map 2-5
Figure 2-3 Buildings Connected to the IWTP Sewer Line 2-7
Figure 2-4 Soil PRG Exceedances — Sampling In Support of Construction 2-15
Figure 2-5 Groundwater PRG Exceedances — Sampling in Support of Construction 2-19
Figure 2-6 Chevalier Field Area Sampling Locations 2-21
Figure 2-7 Semivolatiles Exceeding PRGs — Building 3380 2-29
Figure 2-8 ABB Tank Locations Near Site 36 — AVGAS Line Area and PRG Exceedances 2-31
Figure 2-9 Petroleum Site 12, UST 140, Groundwater Contamination Distribution Map 2-35
Figure 3-1 Generalized Geologic Cross-Section of Hydrogeologic Units of Northwest Florida 3-3
Figure 3-2 Geological Cross-Section of the Surficial Aquifer at NAS Pensacola 3-5
Figure 4-1 Maintenance Locations 4-3
Figure 5-1 Soil Sampling Locations 5-5
Figure 5-2 Soil Boring Locations Building 3380 5-7
Figure 5-3 Monitoring Well Locations 5-21
Figure 6-1 Shallow Surficial Potentiometric Surface 6-3
Figure 7-1 Inorganics Above PRGs and Reference Concentrations in Soil 7-3
Figure 7-2 Semivolatiles Above PRGs in Soil 7-5
Figure 7-3 Pesticides Above PRGs in Soil 7-9
Figure 7-4 Inorganics in Soil Above PRGs and Reference Concentrations Building 3380 Area 7-11
Figure 7-5 Inorganics above PRGs and Reference Concentrations in Groundwater . . 7-15
Figure 7-6 VOCs and SVOCs Above PRGs in Groundwater 7-19

List of Tables

Table 2-1 Buildings Connected to the IWTP Sewer Line 2-9
Table 2-2 Telespection Results 2-12
Table 2-3 1994 Comparison to Surface Soil PRGs Resulting in Removal Actions . 2-23
Table 2-4 IWTP Sewer Line Source Characterization — Sediment Samples 2-24
Table 2-5 Analytes in Building 3380 Soil Borings Resulting in a Removal Action . 2-28
Table 2-6 Contamination Status of All Media Assessed for AVGAS Line Associated USTs 2-33
Table 4-1 PWC Recorded Maintenance on Site 36 4-5
Table 5-1 Laboratories Used 5-2
Table 5-2 Site 36, Chevalier Field Area Sampling Locations and Rationale 5-9
Table 5-3 Site 36, Chevalier Field Area Soil Samples 5-9
Table 5-4 Sample Identification and Rationale 5-11
Table 5-5 Building 3380 Phase I Sampling Locations and Rationale 5-14

Table 5-6 Building 3380 Verification Soil Samples 5-15
Table 5-7 Site 36 Modified Sampling Locations and Rationale 5-16
Table 5-8 Construction Details for Site 36 Monitoring Wells 5-23
Table 5-9 Site 36 Phase I and II Groundwater Samples 5-28
Table 5-10 Sample Containers and Preservation Per Medium and Analysis 5-34
Table 5-11 Amount of Fill Material 5-38
Table 6-1 Generalized Soil Boring Sample Interval Lithology 6-2
Table 7-1 Inorganic Exceedances in Soil (ppm) 7-7
Table 7-2 Exceedances of the Iron PRG[a] in Groundwater (ppb) 7-14
Table 7-3 Exceedances of the Lead PRG[a] in Groundwater (ppb) 7-14
Table 7-4 Exceedances of the Manganese PRG[a] in Groundwater (ppb) 7-17
Table 7-5 Volatile and Semivolatile Organic Exceedances in Groundwater (ppb) . . 7-21
Table 8-1 Sites 36 VOC SDG Summary 8-8
Table 8-2 Sites 36 SVOC SDG Summary 8-9
Table 8-3 Site 36 Pesticide SDG Summary 8-10
Table 8-4 Site 36 Inorganic SDG Summary 8-11
Table 9-1 Site 9 CLP vs. SPLP Data Comparison 9-4
Table 9-2 Chemical Properties 9-9
Table 9-3 Groundwater Comparison to Surface Water Standards 9-16
Table 9-4 Comparison of Detected Organic Parameters in Groundwater to Surface Water Standards 9-17
Table 9-5 Comparison of Detected Inorganic Parameters in Groundwater to Surface Water Standards 9-18

List of Appendices

Appendix A Telespection Report
Appendix B Preliminary Remediation Goals — Reference Concentrations
Appendix C Sampling in Support of Construction Analytical Results
Appendix D Chevalier Field Site 36 Samples Resulting in Removal Actions — IWTP Sewer Line Source Characterization Results
Appendix E Building 3380 Samples Resulting in a Removal Action
Appendix F Maintenance Records
Appendix G Boring Logs
Appendix H Samples Representing Conditions After Removals
Appendix I Groundwater Analytical Results
Appendix J Selected Monitoring Wells Resampling Results
Appendix K IWTP Sewer Line Flushing Results

List of Abbreviations

ABB	Asea Brown Boveri, Environmental Services, Inc.
ASTM	American Society for Testing and Materials
AVGAS	Aviation gas
BEHP	Bis(2-ethylhexyl)phthalate
BEI	Bechtel Environmental, Inc.
bls	Below land surface
BRAC	Base Closure and Realignment Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CG	Cleanup goal
CLP	Contract Laboratory Program
COC	Chain of custody
CSAP	Comprehensive Sampling and Analysis Plan
DAF	Dilution/Attenuation Factor
E/A&H	EnSafe/Allen & Hoshall
E&E	Ecology and Environment, Inc.
FDEP	Florida Department of Environmental Protection
FGGC	Florida Groundwater Guidance Concentration
FNAI	Florida Natural Areas Inventory
f_{oc}	Organic fraction
FPDWS	Florida Primary Drinking Water Standard
FSA	Full scan analysis
FSDWS	Florida Secondary Drinking Water Standard
ft/day	Feet/day
GC	Gas chromatograph
G&M	Geraghty & Miller, Inc.
H_2SO_4	Sulfuric acid
HCl	Hydrochloric acid
HNO_3	Nitric acid
IAS	Initial Assessment Study
ICP	Inductive coupled plasma
ICS	Interference check sample
ID	Inside diameter
IDR	Interim data report
IDW	Investigation-derived waste
IFG	Inorganic Functional Guidelines
IRP	Installation Restoration Program

IS	Internal standard
IWTP	Industrial Wastewater Treatment Plant
K	Hydraulic conductivity
K_d	Distribution coefficient
K_{oc}	Organic carbon partition coefficient
LCS	Laboratory control sample
MCL	Maximum contaminant level
MS/MSD	Matrix Spike/Matrix Spike Duplicate
msl	Mean sea level
NADEP	Naval Aviation Depot
NAS	Naval Air Station
NEESA	Naval Energy and Environmental Support Activity
NTU	Nephelometric turbidity unit
OFG	Organic Functional Guidelines
OSWER	Office of Solid Waste and Emergency Response
OU	Operable Unit
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PID	Photoionization detector
ppb	Part per billion
PPE	Personal protective equipment
ppm	Parts per million
PRG	Preliminary remediation goal
PVC	Polyvinyl chloride
PWC	Public Works Center
QA	Quality assurance
QC	Quality control
RBC	Risk-based concentration
redox	Oxidation-reduction
RI	Remedial investigation
SAP	Sampling and Analysis Plan
SDG	Sample delivery group
SEGS	Southeastern Geologic Survey
SOP/QAM	Standard Operating Procedures and Quality Assurance Manual
SOW	Statement of work
SPLP	Synthetic Precipitate Leaching Procedure

SRL	Springhill Regional Landfill
SVOC	Semivolatile organic compound
TAL	Target analyte list
TCL	Target compound list
TRPH	Total recoverable petroleum hydrocarbon
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground storage tank
VOC	Volatile organic compound
yd^3	Cubic yards

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SITE 36 EXECUTIVE SUMMARY

A preliminary site characterization investigation was conducted for the Industrial Wastewater Treatment Plant sewer line, Site 36 (the sewer line south of Ecology & Environment [E&E; 1992] location number TL 045/A) including the southwest arm to Pump Station 3, the southeast portion to the lift station between Buildings 54 and 18 (E&E location number TL 073/C), and the area near Building 3380. The investigation identified soil and groundwater contamination apparently resulting from past releases in the Site 36 area. Historical records indicate that activities within the Chevalier Field area may have impacted Site 36 over the years.

Soil preliminary remediation goals (PRGs) are the lower of the Florida Department of Environmental Protection (FDEP) cleanup goals and United States Environmental Protection Agency (USEPA) risk-based concentrations. Site 36 and Building 3380 soil contains localized concentrations of metals and semivolatiles above surface soil PRGs. Metals, semivolatiles, and pesticides exceeded leachability PRGs in subsurface soil at sporadic locations.

Groundwater PRGs are the lower of the USEPA maximum contaminant levels and FDEP groundwater guidance concentrations. Groundwater contains ubiquitous inorganic constituents above PRGs that are consistent with the general quality of groundwater at Naval Air Station (NAS) Pensacola and the Sand-and-Gravel Aquifer in southern Escambia County. Antimony, iron, manganese, lead, and sodium exceeded their PRGs in groundwater. Only lead and sodium are primary drinking water standards. Lead exceeded its PRG (15 parts per billion [ppb]) at seven monitoring wells. Sodium also exceeded its primary standard in monitoring wells 36GR52 and 36GR54.

The IWTP sewer line is near the AVGAS line and four former USTs. Lead detections in groundwater in the southeast portion of Chevalier Field may be attributable to the nearby petroleum sites (UST Sites 11 and 12). Monitoring wells completed during this investigation are near the USTs or are downgradient. Lead detections exceed the MCL/FPDWS of 15 ppb, but are below the Florida petroleum program's no-further-action level for lead of 50 ppb.

Temporary monitoring well 36GR54 was completed near Site 20, which is currently being investigated under the auspices of the Florida petroleum program. Temporary monitoring well 36GR52 is adjacent to Site 38 and will be addressed with that site.

Organic constituents above PRGs in groundwater were generally limited to two monitoring wells (36GR54 and 36GMW35) and were sporadically detected in other monitoring wells. Monitoring well 36GR54 had exceedances of seven petroleum-related constituents. The well is in the area of Site 20, which is currently being investigated under the Florida petroleum program. The other monitoring well was 36GMW35 (benzene, 1,4-dichlorobenzene) and 36TW01 (benzene) in the Buildings 3380 and 2662 areas. An additional monitoring well installed during Phase II, downgradient of monitoring well 36GMW35 showed the detected concentrations are decreasing.

Groundwater contamination has been detected during other site investigations in the area and will be handled appropriately under those investigations. The area of soil contamination is overlain by pavement, fill, and buildings and is considered stable. Groundwater contamination is not directly attributable to Site 36 soil contamination because contaminants detected in groundwater monitoring wells were not detected in the soil samples collected from the borings directly associated with the monitoring wells.

The primary receiving aquifer within the Site 36 area is the surficial zone of the Sand-and-Gravel aquifer. Currently, groundwater within the surficial zone is not used for any purpose at NAS Pensacola because of its poor quality. The potential for saltwater intrusion from pumping in this area makes the water unsuitable for consumption. Potable water for NAS Pensacola is provided from Corry Station, approximately 3 miles away. Elsewhere in southern Escambia County, it is typically used after being filtered, a treatment effective for constituents detected on Site 36.

The primary surface water body receptors are the adjacent wetlands (Wetland 63) and Pensacola Bay. Since most of the site area is paved, or covered by a building or fill material, leaching and sediment transport are not viable pathways for constituent transport. The

groundwater analytical results were compared to surface water standards for the most downgradient monitoring well closest to the surface water body to assess potential impact. For Wetland 63, the parameters of concern (e.g., exceeding surface water standards) are chromium, iron, lead, 1,4-dichlorobenzene, benzene, and chlorobenzene. For Pensacola Bay, the parameters of concern are phenanthrene, iron, and zinc. Contaminant migration is conservatively estimated to equal the average calculated groundwater velocity of 0.293 ft/day. This, coupled with the low concentrations of contaminants, retardation, mechanical dispersion, and chemical diffusion, minimizes impact of constituents in groundwater to nearby surface waters. The NAS Pensacola wetlands will be further evaluated during the Site 41 RI. Pensacola Bay has been investigated as Site 42 and will be recommended for no further action in the RI report.

Further delineation and assessment within the Site 36 area is unwarranted. It is further recommended that the site does not warrant the detailed evaluation of risk associated with a baseline risk assessment. Therefore, no further action is recommended.

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1.0 INTRODUCTION

As part of the U.S. Navy Comprehensive Long-Term Environmental Action Navy program, a preliminary site characterization has been completed at Site 36 — the Industrial Wastewater Treatment Plant (IWTP) sewer line at Naval Air Station (NAS) Pensacola, Florida. The investigation was conducted by EnSafe/Allen & Hoshall (E/A&H) to meet the requirements of the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) program, which administers investigation and cleanup of former hazardous waste sites. This report summarizes activities conducted during the investigation and the resulting findings and conclusions. The report also documents data collection and analytical methods used during the investigation. The objectives of this investigation are outlined below.

Objectives of the Preliminary Site Characterization

- To delineate the sources, nature, magnitude, and extent of any soil and groundwater contamination.

- To explore appropriate methods of addressing any site contamination based on data generated during this investigation.

This report is organized into the following elements:

- A review of previous investigations and historical aerial photographs for site history and background information.

- A preliminary field investigation including a habitat and biota survey to help characterize field conditions in the study area.

- A field investigation that describes the completion of soil borings and monitoring wells; sampling of soil and groundwater for laboratory analysis; the geological and hydrogeological conditions onsite; and the nature and extent of soil and groundwater contamination onsite.

- Overall conclusions and recommendations based on the results of this investigation.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Description

Site 36 is in the southeastern corner of NAS Pensacola in an area approximately 1 mile wide by 1.5 miles long (Figures 2-1 and 2-2). The site is a portion of the IWTP sewer line between location TL 045/A and TL 073/C. This line section extends from west of Building 3557 and includes the southwest arm to Pump Station 3 and the southeast arm north of Building 45. North of TL 045/A, the IWTP sewer line was investigated with Site 30. South of TL 073/C, the line was investigated with Site 38. The area near former Building 3380 also has been added to the Site 36 investigation. Generally, this site exists in the areas around Chevalier Field area and is associated with other NAS Pensacola sites to be investigated. These sites, shown on Figure 2-2, include:

Site 2	—	Waterfront Sediment
Site 38	—	Building 71 and Sewer Line from TL 073/C southwest to the end
Site 18	—	PCB Spill Area
Site 14	—	Dredge Spoil Fill Area
Site 29	—	Soil South of Building 3460
Site 9	—	Navy Yard Disposal Area
Site 10	—	Commodores Pond
Site 34	—	Solvent North of Building 3557
Site 30	—	Buildings 649 and 77, Building 648 (previously Site 31), and sewer line from TL 045/A north to IWTP
Site 42	—	Pensacola Bay

The entire IWTP sewer line is approximately 23,000 feet long and ranges from 8 to 15 inches in diameter. The IWTP sewer line consists of both force and gravity mains 3 to 15 feet below land surface (bls). Most of the sewer line runs beneath the water table. The major flow direction of the sewer line is toward the IWTP. The IWTP sewer line is composed of several

materials including cast iron, vitrified clay, Fiberglas-reinforced plastic, polyvinyl chloride (PVC), polypropylene steel, and "metal". The gravity lines and manholes in the Site 36 area are composed of 15-inch to 18-inch diameter vitrified clay. The force main in the Site 36 area is 8-inch-diameter, Fiberglas-reinforced plastic from manhole A-4 to Pump Station 3. The force main from Pump Station 1 to A-10 is 10-inch-diameter cast iron.

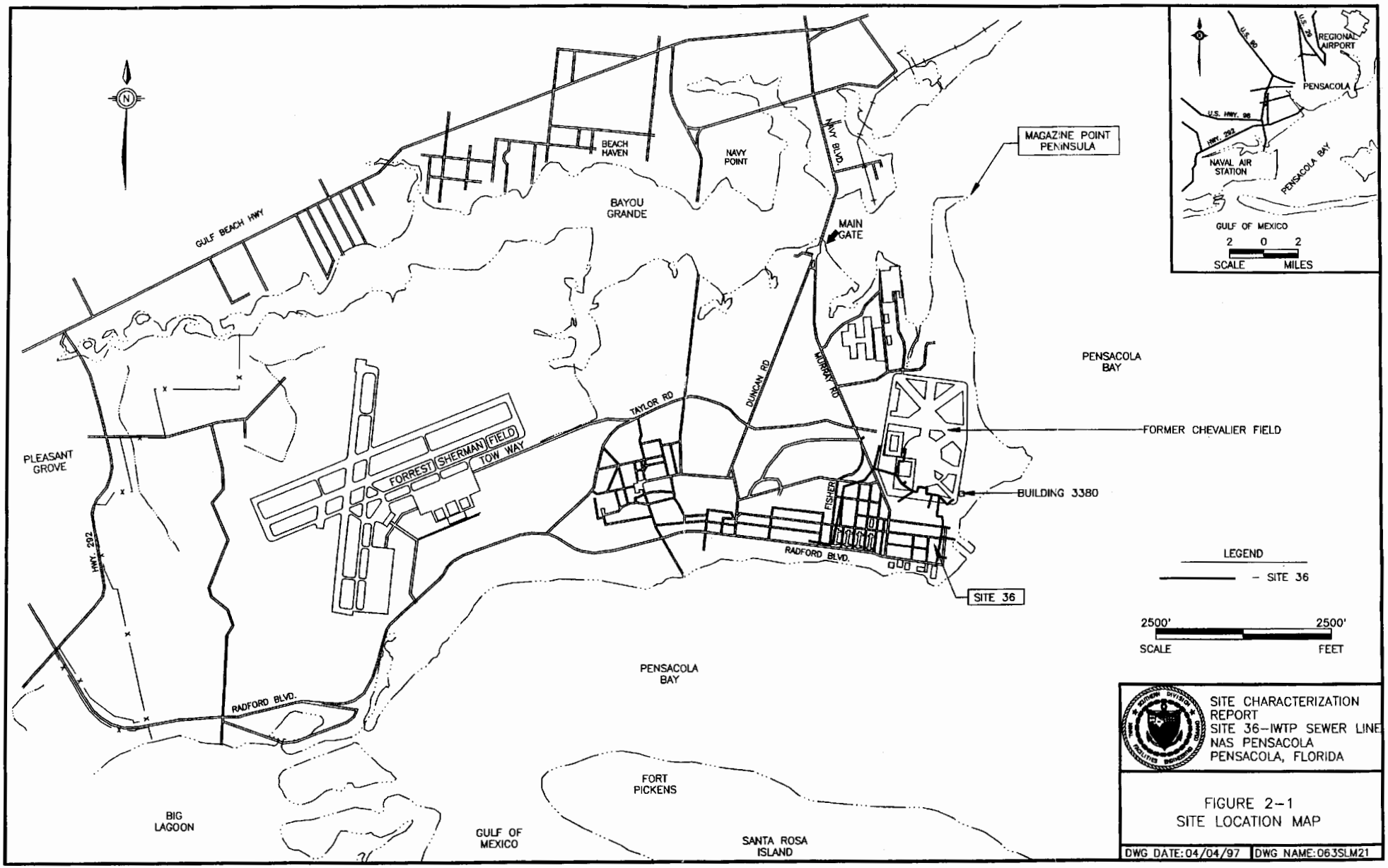
The surface area of Site 36 is approximately 5 feet above mean sea level (msl). The terrain is relatively flat, and the surficial soil is predominately fine-grained sand. Large portions of the surface area above the IWTP sewer line are covered with concrete or asphalt; however, some limited areas are covered by grass and fill.

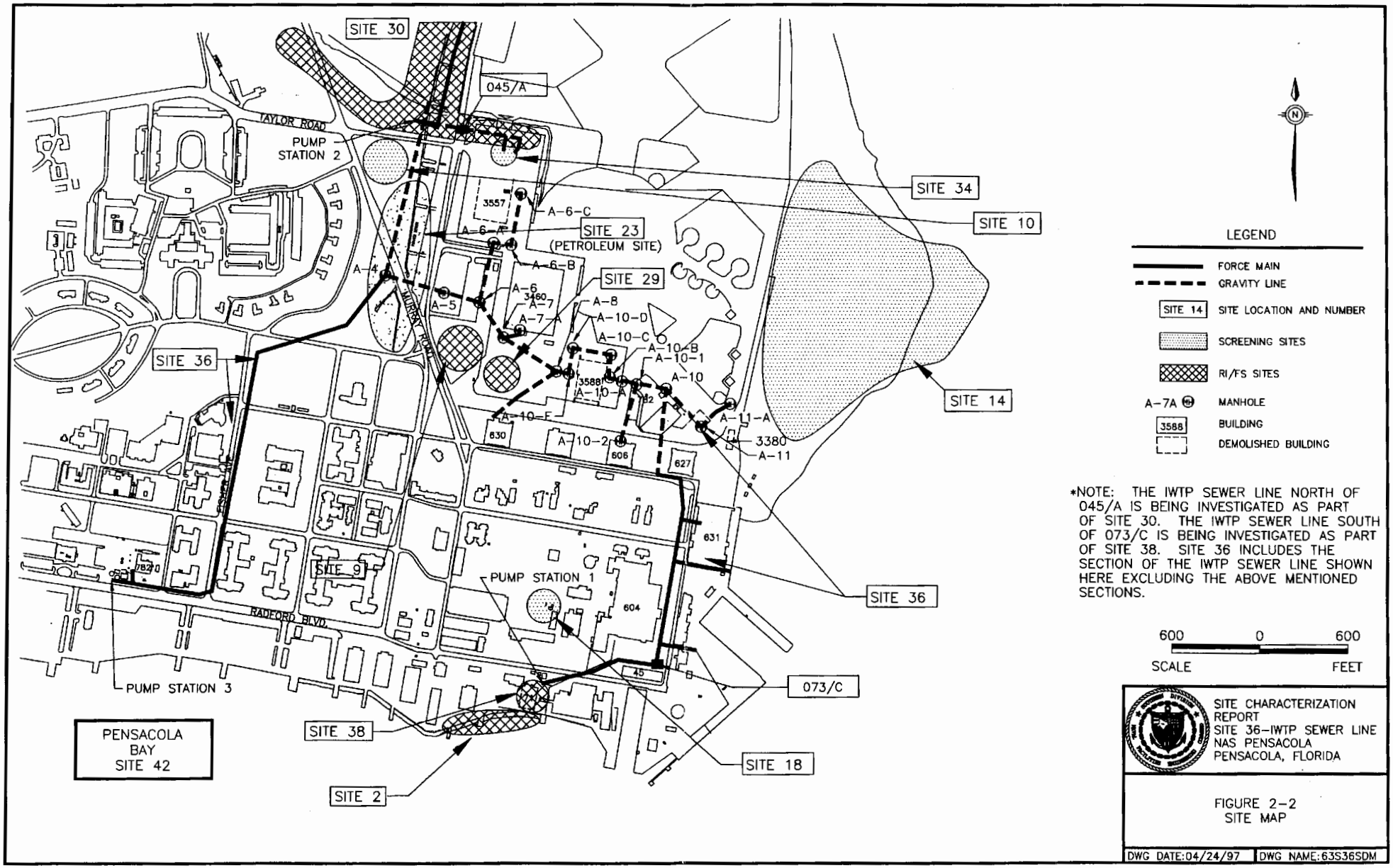
2.2 Site History

The IWTP and its associated piping originally were connected to a sewage treatment plant built in 1948. In 1971, the sewage treatment plant and piping were upgraded to the present IWTP, which consists of piping installed before and after 1971. The Naval Air Rework Facility operations were connected to the plant in 1973, which halted discharges directly into Pensacola Bay (Site 2).

Most of the buildings discharging to the IWTP sewer line did so without pretreating or separating wastes (NEESA, 1983). The wastes may have included stripping solvents, heavy metals, pesticides, radioactive wastes, fuels, cyanide wastes, and waste oils. Figure 2-3 and Table 2-1 diagram the buildings that are connected to the IWTP sewer line.

In the spring of 1981, several workers reportedly received chemical burns while working in an excavation south of Building 3460. A slimy black substance in the excavation soil reportedly caused the burns. Additionally, NAS Pensacola personnel reported a noticeable odor of "paint stripper" in the excavation (NEESA, 1983). This area was designated and investigated as a separate site, Site 29 (E/A&H, 1996a).


GULF BEACH HWY
BEACH HAVEN
NAVY POINT
NAVY BLVD.
BAYOU GRANDE
MAGAZINE POINT PENINSULA
MAIN GATE
PENSACOLA BAY
FORMER CHEVALIER FIELD
BUILDING 3380
TAYLOR RD
DUNCAN RD
MURRAY RD
FISHER
RADFORD BLVD.
FORREST SHERMAN FIELD
TOW WAY
PLEASANT GROVE
HWY. 292
SITE 36
PENSACOLA BAY
FORT PICKENS
BIG LAGOON
GULF OF MEXICO
SANTA ROSA ISLAND
REGIONAL AIRPORT
PENSACOLA
U.S. HWY. 98
U.S. 29
NAVAL AIR STATION
PENSACOLA BAY
GULF OF MEXICO
2 0 2
SCALE MILES
LEGEND
SITE 36
2500' 2500'
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-1
SITE LOCATION MAP
DWG DATE: 04/04/97
DWG NAME: 063SLM21


SITE 30
045/A
TAYLOR ROAD
PUMP STATION 2
SITE 34
SITE 10
3557
A-6-C
A-6-F
SITE 23
(PETROLEUM SITE)
A-6-B
SITE 29
A-4
A-5
A-6
3460
A-7
A-7-A
A-8
A-10-D
A-10-C
A-10-B
A-10-1
A-10
3588
A-10-A
A-10-E
A-10-2
630
606
627
A-11-A
3380
A-11
SITE 14
SITE 36
MURRAY ROAD
631
SITE 9
PUMP STATION 1
604
SITE 36
RADFORD BLVD.
45
073/C
PUMP STATION 3
SITE 38
SITE 18
SITE 2
PENSACOLA BAY SITE 42
LEGEND
FORCE MAIN
GRAVITY LINE
SITE 14 SITE LOCATION AND NUMBER
SCREENING SITES
RI/FS SITES
A-7A MANHOLE
3588 BUILDING
DEMOLISHED BUILDING
*NOTE: THE IWTP SEWER LINE NORTH OF 045/A IS BEING INVESTIGATED AS PART OF SITE 30. THE IWTP SEWER LINE SOUTH OF 073/C IS BEING INVESTIGATED AS PART OF SITE 38. SITE 36 INCLUDES THE SECTION OF THE IWTP SEWER LINE SHOWN HERE EXCLUDING THE ABOVE MENTIONED SECTIONS.
600 0 600
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-2
SITE MAP
DWG DATE:04/24/97
DWG NAME:63S36SDM

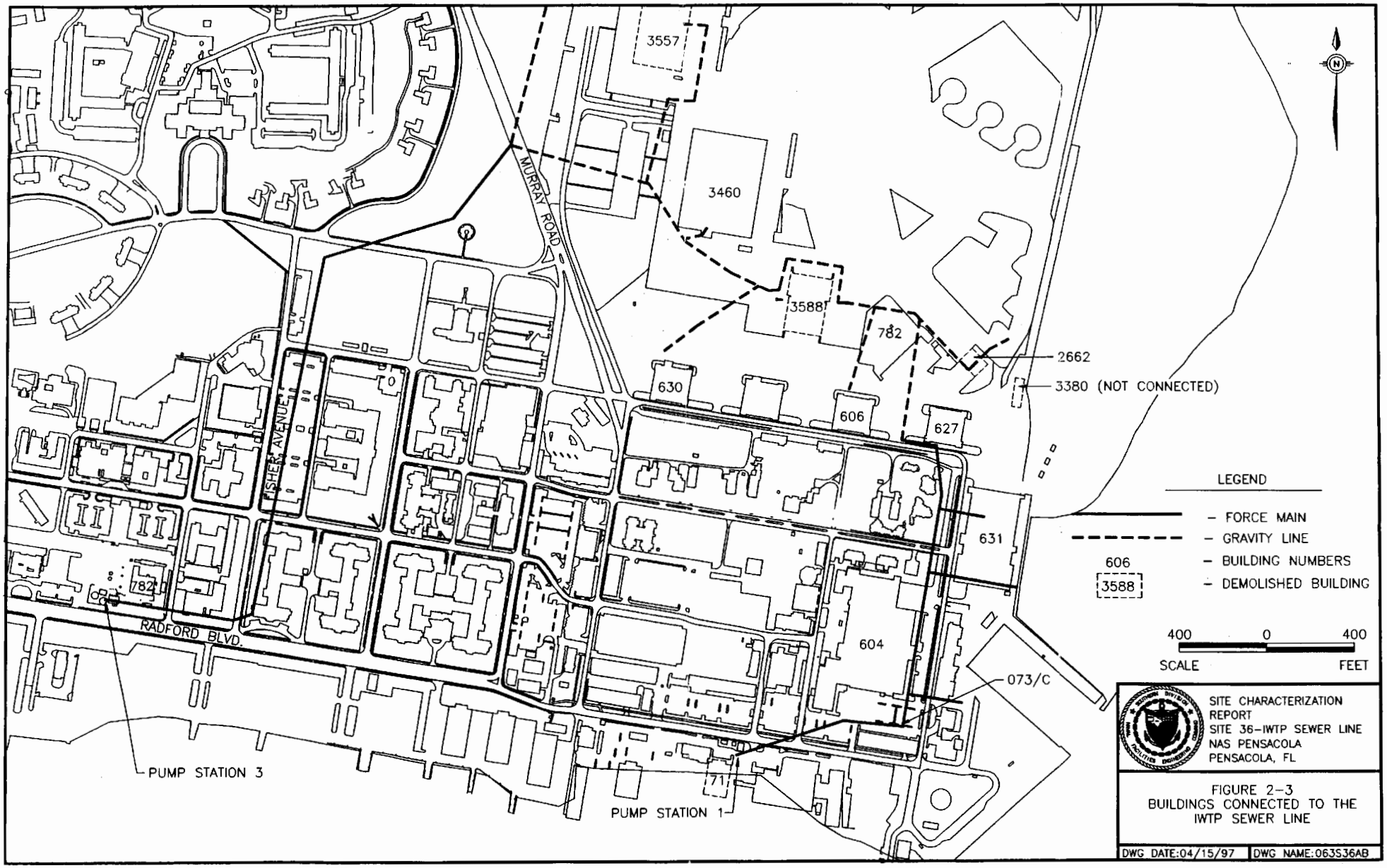

3557
3460
3588
782
2662
3380 (NOT CONNECTED)
630
606
627
631
604
073/C
71
782
MURRAY ROAD
FISHER AVENUE
RADFORD BLVD.
PUMP STATION 3
PUMP STATION 1
LEGEND
– FORCE MAIN
– GRAVITY LINE
606
– BUILDING NUMBERS
3588
– DEMOLISHED BUILDING
400 0 400
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 2–3
BUILDINGS CONNECTED TO THE IWTP SEWER LINE
DWG DATE:04/15/97
DWG NAME:063S36AB

Table 2-1
Buildings Connected to the IWTP Sewer Line

Building	Status as of March 1997	Process	Chemicals Used
604	Active until May 1997	Plating	Metals, cadmium dilute/complex cyanide, nickel, chromium
606	Inactive	Battery shop	Lead/alkaline battery
627	Inactive	Water wash paint booth	Lacquers, zinc epoxy primer, chromate
630	Inactive	Blade operations and paint booth	N/A
631	Inactive	Wing components and machining works	N/A
782	Active	Electrical Power Plant; Steam Heating Plant	Sodium Hydroxide and Hydrochloric Acid
2662	Inactive; Demolished	Aluminum coating, oil separator	Chromium base process, cyanide
3460	Inactive; Converted to school	Aircraft Rework	PD-680 and 1,1,1-trichloroethene
3557	Inactive; Demolished	Paint stripping and disposal facility (1980) for organic wastes	Methylene chloride, phenols, trichloroethylene, trichloroethane, chlorinated solvents, and organics in general
3588	Inactive; Demolished	Paint facility	Lead-based paint

In October 1995, after Naval Air Depot (NADEP) operations had been discontinued, the industrial sewer line was flushed and closed by NAS Public Works Center (PWC). The closure was performed in accordance with the *IWTP Sewer Line Closure Work Plan* (E/A&H, 1995a) except that gravity portions of the sewer line were grouted instead of flushed. This change was approved by the Tier 1 Partnering Team before implementation. Verification samples collected after flushing the force mains indicated the lines had been removed as a continuing source of

contamination. The closure is documented in the *Closure Report Industrial Waste Treatment Plant Sewer Lines* (E/A&H, 1996b), and presented in Section 7.4 of this report.

Several other investigations that are part of or relevant to Site 36 include sampling in support of construction activities, preremoval investigations of Chevalier Field, preremoval investigation of Building 3380, and the aviation gas (AVGAS) line investigation and removal. These investigations are discussed below.

2.3 Chronology of Events and Previous Investigations

This section summarizes previous work related to or near Site 36.

1983 — Initial Assessment Study

The Initial Assessment Study (IAS) report by Naval Energy and Environmental Support Activity (NEESA, since renamed) identified sites posing a threat to human health or the environment due to contamination from past hazardous materials operations. Twenty-nine potentially contaminated sites were identified through historical records, aerial photographs, field inspections, and personnel interviews. Areas around Site 36 — including Sites 9 and 29 — were among those identified for evaluation by this study. According to the IAS report, Site 9 was not recommended for further study because hazardous materials were not disposed of onsite, resulting in no danger to human health or the environment. Site 29 was deemed a risk to human health because several excavation workers were burned by a substance while working on a water main in 1981. The substance was thought to originate from the nearby IWTP sewer line, and further investigation was recommended (Figure 2-2).

1984 — Verification Study

The 1984 Verification Study performed by Geraghty and Miller (G&M) did not directly examine Site 36; however, Sites 29, 9, and 23 (a petroleum site immediately west of Site 9 where two reported releases occurred from an underground supply line) were investigated (Figure 2-2).

Field activities included installing four monitoring wells along the southwest perimeter of Chevalier Field (GM-7, GM-29, GM-30, and GM-6). Potentiometric information from these monitoring wells indicated that groundwater moved toward the paved ditch west of Chevalier Field. Groundwater samples from these monitoring wells and surface water samples collected from the ditch downstream from the sites were analyzed for volatile organic compounds (VOCs). No VOCs were present in groundwater samples from these monitoring wells above method detection limits, although low VOC concentrations were detected in the surface water samples. The study suggested that contaminants were very localized or had been purged from the shallow aquifer. No further inquiry was recommended for Sites 9 and 29 (G&M, 1984).

1987 — Telespection of Sewer Line

In July 1987, the gravity lines of the IWTP sewer line were teleinspected using a remote camera by PWC for cracks, separations, infiltration (groundwater and roots), low areas, and general cleanliness. Results within the Site 36 area are summarized in Table 2-2. The camera was unable to pass through most of the lines because of paint stripping, sludge, and sand even after the line was washed several times. Groundwater was infiltrating the line at manholes A-8, A-3 and A-4. In addition, manhole A-7 was open to the land surface with a storm drain cover, and sand entered the line through the open grate. Seals and joints were observed to need repair on manholes A-1, A-8, A-7, and A-4. The telespection report is provided in Appendix A.

1991 — Contamination Assessment/Remedial Activities Investigation

As part of the Navy's Installation Restoration Program (IRP), Ecology and Environment, Inc. (E&E) of Pensacola, Florida, performed Phase I contamination assessments to identify principal areas and primary contaminants of concern at 22 sites and to recommend any subsequent investigations. Fieldwork included site reconnaissance, aerial photograph analysis, surface emission surveys, particulate air screening, utility surveys, soil and groundwater sampling, and hydrologic assessments. Site 36 was included in these investigations. The laboratory analyses were conducted only for screening purposes, and were intended only to focus additional

Table 2-2
Telespection Results

Area	Manhole to Manhole	Pipe Size	Description
NE of 3588	A-10-1 to A-10-A	15"	A-10-A good condition; paint stripping and sludge in line; could not get camera through line
NE of 3588	A-10-A to A-10-B	15"	A-10-A and A-10-B good condition; paint stripping and sludge in line; could not get camera through line
NE corner of 3588	A-10-B to A-10-C	15"	A-10-B and A-10-C good condition; paint stripping and sludge in line; could not get camera through line
N of 3588	A-10-C to A-10-D	15"	A-10-C and A-10-D good condition; paint stripping and sludge in line; could not get camera through line
NW of 3588	A-10-D to A-10-E	15"	A-10-D and A-10-E good condition; half full of paint stripping and sludge; viewed top half — line appeared in good condition
SW of 3460	A-7 (open) to A-6	15"	Paint stripping, sludge, and sand in line; could not get camera through line
W of 3460	A-6 to A-5	15"	Paint stripping, sludge, and sand in line; could not get camera through line
S of 3437	A-3 to A-2	18"	A-2 2-feet aboveground; flow too heavy for camera from A-2
S of 3437	A-2 to A-1	18"	MH A-1 New Fiberglas; E wall cracked; no infiltration noticed; flow too heavy for camera
3437	Wet well		Walls in good condition; small amounts of spaulding occurring at waste level; no major problem at this time
W of 3588	A-8 to A-10-E	15"	Line is clean and in good condition; MH-A-8 seal around joints and pipe on south side needs repair; groundwater infiltrating
W of 3588 S of 3460	A-8 to A-7 (Storm Drain Cover)	15"	Sand, paint stripping, and sludge in line; seal around joints in MH A-8 and A-7 needs repair; sand entering manhole and lines through open grate (MH A-7)
S of 3437	A-4 to A-3	18"	A-4 2.5 feet aboveground; A-3 4 feet aboveground; 14" of sludge in bottom of MH-A-3; groundwater infiltration at inlet to A-3
W of 3460	A-5 to A-4	15"	A-5 good condition; A-4 2.5 feet aboveground; silt and sludge in line; A-4 joints need to be regrouted; groundwater infiltrating; MH A-4; holding 16" of water; camera could not pass

Source: PWC Telespection Report (1987)

Notes:
Industrial sewer line pipe is vitrified clay.
All joints are hub and spigot.

investigations. These screening analyses were somewhat deficient in (1) the lack of reproducibility and (2) the use of a single column-type gas chromatograph (GC) analysis (no confirmation samples were run). Also, groundwater samples were characterized by very high turbidities, the latter being a factor commonly associated with erroneously high metal results. The findings were presented in the Interim Data Report (IDR) for Site 36 (E&E, 1992a).

The Site 36 investigation identified soil and groundwater contamination. The primary soil contaminants were lead, total recoverable petroleum hydrocarbons (TRPHs), polynuclear aromatic hydrocarbons (PAHs), and phenols. Primary groundwater contaminants were lead, chromium, cadmium, TRPHs, PAHs, VOCs, and phenols. Concentrations of lead, cadmium, chromium, halocarbon-type VOCs were all identified in groundwater exceeding the Florida Primary Drinking Water Standard (FPDWS) and U.S. Environmental Protection Agency (USEPA) Maximum Contaminant Levels (MCLs). TRPHs, aromatic-type VOCs, and PAHs were all detected in groundwater at concentrations exceeding the Florida Groundwater Guidance Concentrations (FGGCs) for various phenolic compounds. E&E determined action was necessary to identify the actual source(s) and extent of the detected Site 36 soil and groundwater contamination.

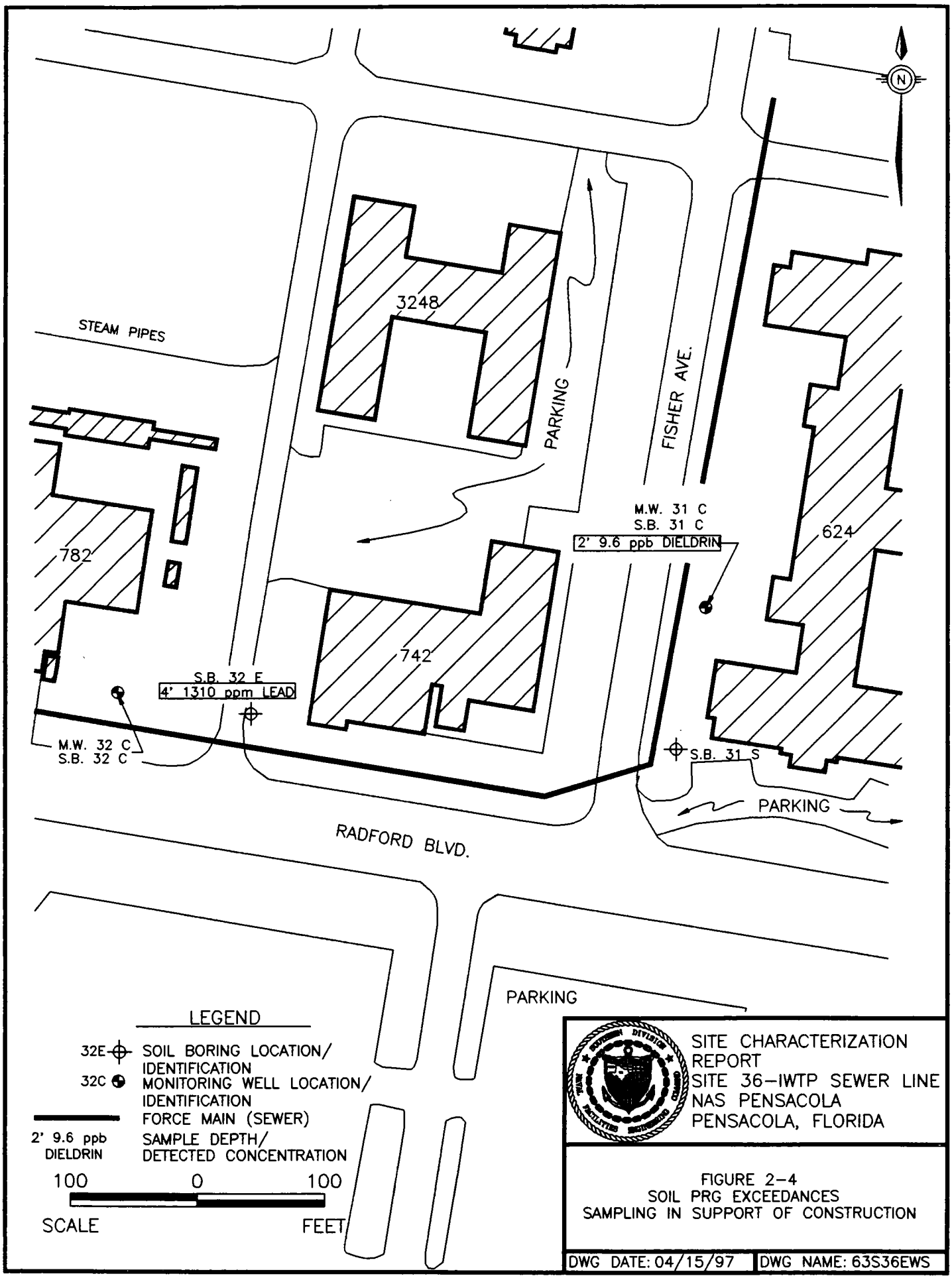
1993 — Site 36 Industrial Waste Sewer Sampling in Support of Construction

Site sampling at sections of Site 36 was completed by E/A&H to support construction of a fuel line. The investigation assessed the nature and magnitude of contamination at two sections of the IWTP sewer line. One section runs approximately 700 feet along Radford Boulevard from Pump Station 3 to Fisher Avenue (Figure 2-2). The other section, which is part of the Site 38 investigation, runs from Pump Station 1 approximately 1,300 feet to the lift station near Building 52. Both sections were investigated previously as part of the E&E Phase I assessment of Site 36. The data collected during that Phase I were presented in the IDR (E&E, 1992a).

During the investigation in the area from Pump Station 3 to Fisher Avenue, eight soil samples from four borings and groundwater samples from two temporary monitoring wells were collected for analysis. Sampling locations are presented on Figure 2-4. Samples were collected from the Site 36 area in a stainless-steel sleeve and scanned for ionizable organic vapors with a MicroTIP photoionization detector (PID) and for radiation with a sodium iodide detector. The two samples with the highest readings or most recovery were submitted for laboratory analysis (E/A&H, 1993).

Analytical results from the E/A&H investigation of Site 36 are compared to current applicable regulatory standards and human health risk-based preliminary remediation goals (PRGs). Surface soil sample results are compared to the USEPA Region III Risk-Based Concentrations (RBC) tables for residential soil (June 3, 1996) and Florida Department of Environmental Protection (FDEP) Cleanup Goals for Department of Defense sites, child resident and aggregate resident scenario (September 29, 1995). Subsurface soil samples are compared to USEPA Screening Levels Protective of Groundwater and FDEP leachability values. Groundwater results are compared to USEPA MCLs, FPDWS, and FGGCs. NAS Pensacola inorganic reference concentrations for soil and groundwater, developed during the Site 1 investigation (E/A&H, 1996c), are also used to evaluate the results. The PRGs and reference concentrations are included in the tables in Appendix B. A database summary of the analytical results are provided in Appendix C.

Surface and Subsurface Soil Analysis: Soil analysis identified two parameters above current PRGs. Soil boring SB32E contained lead (1,310 parts per million [ppm]) above its PRG (400 ppm) at a depth of 4 feet. Dieldrin was detected above its leachability PRG (1 part per billion [ppb]) in only one boring SB31C (9.6 ppb) at a depth of 2 feet. Figure 2-4 shows detected analytes above PRGs for soil in the aforementioned borings.


N
STEAM PIPES
3248
PARKING
FISHER AVE.
M.W. 31 C
S.B. 31 C
2' 9.6 ppb DIELDRIN
624
782
742
S.B. 32 E
4' 1310 ppm LEAD
M.W. 32 C
S.B. 32 C
S.B. 31 S
PARKING
RADFORD BLVD.
PARKING
LEGEND
32E SOIL BORING LOCATION/ IDENTIFICATION
32C MONITORING WELL LOCATION/ IDENTIFICATION
FORCE MAIN (SEWER)
2' 9.6 ppb DIELDRIN SAMPLE DEPTH/ DETECTED CONCENTRATION
100 0 100
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-4
SOIL PRG EXCEEDANCES
SAMPLING IN SUPPORT OF CONSTRUCTION
DWG DATE: 04/15/97
DWG NAME: 63S36EWS

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Groundwater Analysis: Groundwater samples were collected and analyzed from monitoring wells MW31C and MW32C. Metals concentrations exceeded the aluminum, iron, manganese, and lead PRGs in both MW32C and MW31C. Semivolatile organic compounds (SVOCs), VOCs, and pesticides/polychlorinated biphenyls (PCBs) did not exceed any PRG in either monitoring well. Figure 2-5 shows PRG exceedances for groundwater. The groundwater samples were collected using bailers, which may result in high turbidities causing metal exceedances (E/A&H, 1993).

1994 — IWTP Sewer Line Preremoval Investigation

Due to Base Closure and Realignment Act (BRAC) activities, the Site 36 sewer line in the Chevalier Field was investigated first. E/A&H's 1994 investigation included the IWTP sewer line at the southwest corner of Building 627 and extended to manhole A-4 (approximately 900 feet west of Building 3460). The investigation also included the main sewer line, manholes, and sewer lines extending from the IWTP gravity line to Buildings 606, 627, 630, 2662, 3450, 3577, and 3588. Because Building 3380 was close to the sewer line, an area thought to possibly contain solvents, it was included in this investigation. During the Phase I investigation of the Chevalier Field portion of Site 36, E/A&H advanced 36 soil borings, completing 20 as soil boring/temporary groundwater monitoring wells, and collected soil, groundwater, and four manhole sediment samples. Soil samples were not collected from two borings (36GR21A and 36GR16) completed as temporary monitoring wells nor from one soil boring completed as an intermediate depth monitoring well (36GI01). Boring locations focused on manholes where leaks most likely occurred. No borings or temporary monitoring wells were advanced at previously investigated manholes A-7 and A-8 (Site 29). Figure 2-6 shows the Chevalier Field area soil boring, monitoring well, and manhole sediment sampling locations.

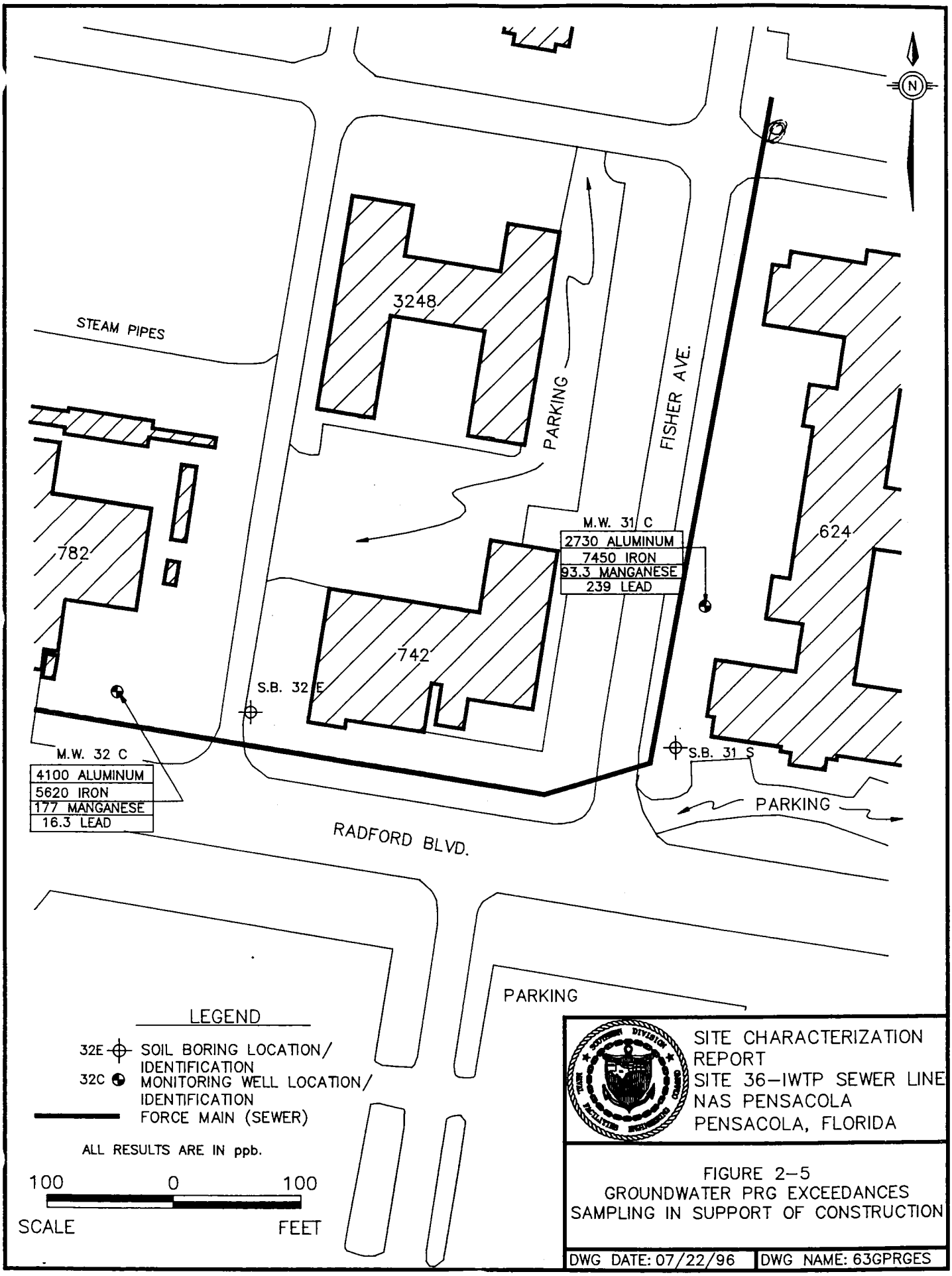
Soil analytical results from all depths were compared to surface soil PRGs only because leachability PRGs were not available when removal action decisions were made. Soil samples not resulting in a removal action and groundwater sampling results are discussed in Section 7

of this document. Soil samples which exceeded PRGs in borings 36S01, 36S03, 36S06, 36S06, 36S07, 36S11, and 36S12 were included in the removal action at Chevalier Field. SVOC PRG exceedances were the main factors in the resulting removal actions. Comparison to the 1994 PRGs is detailed in the *Final Site 36 Sampling and Analysis Plan* (E/A&H, 1995a) and summarized in Table 2-3. A database summary of the analytical results causing a removal action are presented in Appendix D.

Four sediment samples collected for source characterization from manholes A-6-B, A-5, A-7, and A-10 were analyzed for the target analyte list/target compound list (TAL/TCL) under Contract Laboratory Program (CLP) protocol. The sampling locations are shown on Figure 2-6. A comparison to sediment PRGs is provided only to show the concentrations detected. The sediments were collected from inside manholes, therefore, impact to ecological concerns would be negligible. The results are summarized in Table 2-4 and are presented in Appendix D.

Manhole A-6-B, southeast of Building 3557, had the fewest detections while manhole A-10, northwest of Building 627, had the most. Cadmium, chromium, and copper exceeded sediment PRGs in all four manhole samples. Antimony, lead, mercury, nickel, silver, and zinc exceeded sediment PRGs in manholes A-10, A-7, and A-5. Arsenic exceeded its sediment PRG in manhole A-5 only. Other inorganics detected that do not have PRGs include cyanide, aluminum, barium, calcium, magnesium, manganese, and selenium. Aroclor-1260 exceeded its sediment PRG in all four manhole sediment samples.

Manholes A-5 and A-10 had the most exeedances with four each. 2-Methylnaphthalene, phenanthrene, pyrene, and bis(2-Ethylhexyl)phthalate (BEHP) were detected in manhole A-5 and 2-methylnaphthalene, naphthalene, phenanthrene, and BEHP were detected in manhole A-10. Manhole A-7 had detections of 2-methylnaphthalene and BEHP. Manhole A-6-B had no SVOC PRG exceedances. Chloroethane, acetone, 1,1,1-trichloroethane, toluene, ethylbenzene, and xylene were detected in sediment samples. None of the VOCs has a sediment PRG.


STEAM PIPES
3248
PARKING
FISHER AVE.
782
742
624
M.W. 31 C
2730 ALUMINUM
7450 IRON
93.3 MANGANESE
239 LEAD
S.B. 32 E
S.B. 31 S
M.W. 32 C
4100 ALUMINUM
5620 IRON
177 MANGANESE
16.3 LEAD
RADFORD BLVD.
PARKING
PARKING
LEGEND
32E SOIL BORING LOCATION/ IDENTIFICATION
32C MONITORING WELL LOCATION/ IDENTIFICATION
FORCE MAIN (SEWER)
ALL RESULTS ARE IN ppb.
100 0 100
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-5
GROUNDWATER PRG EXCEEDANCES
SAMPLING IN SUPPORT OF CONSTRUCTION
DWG DATE: 07/22/96
DWG NAME: 63GPRGES

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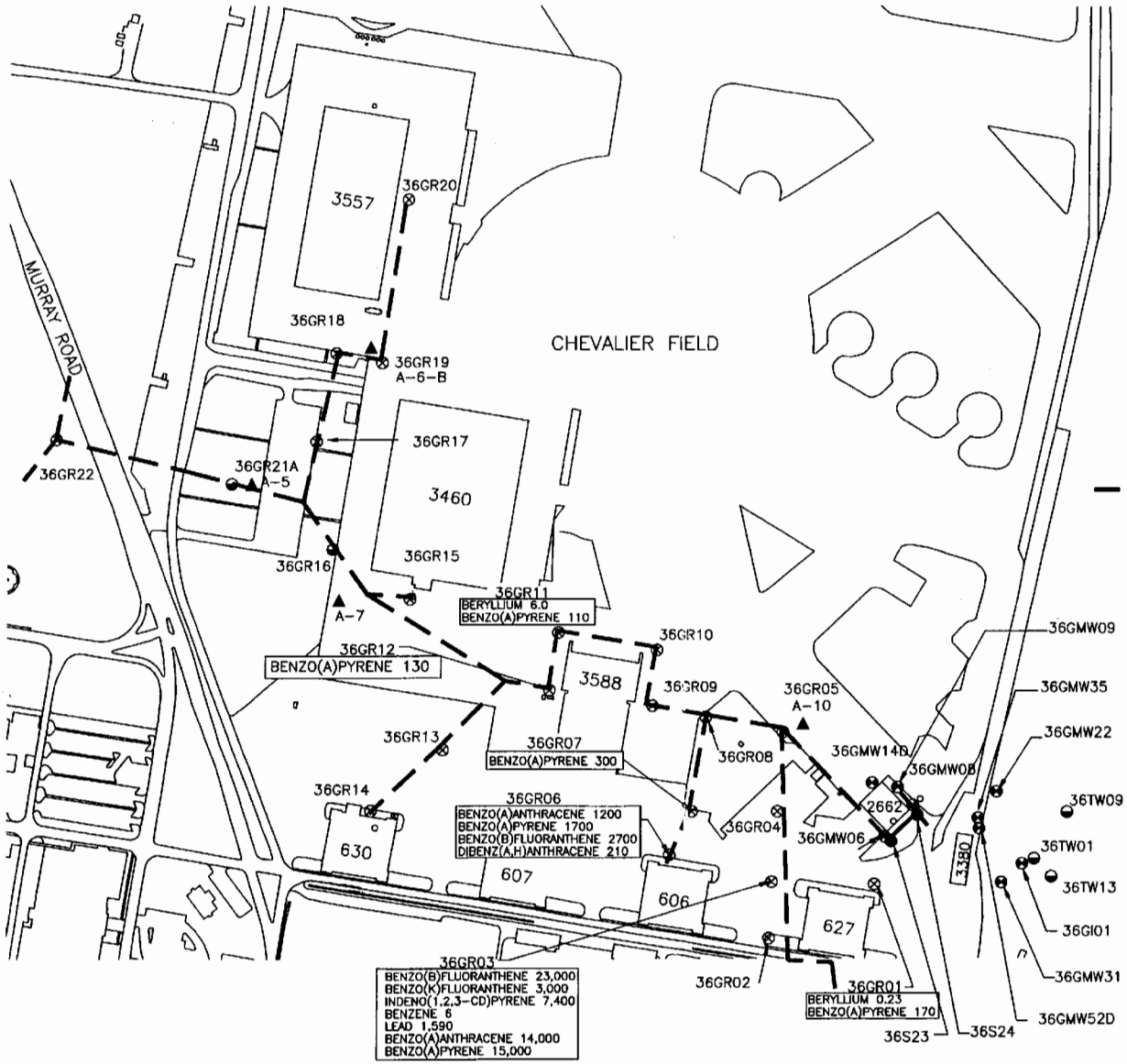

CHEVALIER FIELD
MURRAY ROAD
3557
3460
3588
630
607
606
627
2662
3380
36GR20
36GR18
36GR19
A-6-B
36GR17
36GR21A
A-5
36GR22
36GR16
A-7
36GR15
36GR11
BERYLLIUM 6.0
BENZO(A)PYRENE 110
36GR12
BENZO(A)PYRENE 130
36GR10
36GR09
36GR05
A-10
36GR13
36GR07
BENZO(A)PYRENE 300
36GR08
36GMW14D
36GMW08
36GR14
36GR06
BENZO(A)ANTHRACENE 1200
BENZO(A)PYRENE 1700
BENZO(B)FLUORANTHENE 2700
DIBENZ(A,H)ANTHRACENE 210
36GR04
36GMW06
36GR03
BENZO(B)FLUORANTHENE 23,000
BENZO(K)FLUORANTHENE 3,000
INDENO(1,2,3-CD)PYRENE 7,400
BENZENE 6
LEAD 1,590
BENZO(A)ANTHRACENE 14,000
BENZO(A)PYRENE 15,000
36GR02
36GR01
BERYLLIUM 0.23
BENZO(A)PYRENE 170
36S23
36S24
36GMW09
36GMW35
36GMW22
36TW09
36TW01
36TW13
36GI01
36GMW31
36GMW52D
N
LEGEND
– PERMANENT MONITORING WELL
– INDUSTRIAL WASTE LINE
– SOIL BORING/TEMPORARY MONITORING WELL
– SOIL BORING
36TW09 – TEMPORARY MONITORING WELL
– SEDIMENT SAMPLE/MANHOLE ID
*NOTE: COMPARISONS ARE TO 1994 PRGS. ALL RESULTS ARE IN ppb EXCEPT FOR METALS WHICH ARE IN ppm.
300 0 300
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-6
CHEVALIER FIELD AREA
SAMPLING LOCATIONS
DWG DATE:04/24/97
DWG NAME:63S36CFA

Table 2-3
1994 Comparison to Surface Soil PRGs Resulting in Removal Actions

Soil Boring	Associated Manhole	Analyte	Result (ppb)	PRG (ppb)
36S01	Catch Basin	Benzo(a)pyrene	170	88
		Beryllium	0.23 ppm	0.1
36S03	200- foot interval	Lead	1,590	400
		Benzo(a)anthracene	14,000	880
		Benzo(a)pyrene	15,000	88
		Benzo(b)fluoranthene	23,000	880
		Benzo(k)fluoranthene	13,000	
		Indeno(1,2,3-cd)pyrene	7,400	880
36S06	Building 606 connection	Benzo(a)anthracene	1,200	880
		Benzo(a)pyrene	1,700	88
		Benzo(b)fluoranthene	2,700	880
		Dibenz(a,h)anthracene	210	88
36S07	A-10-2	Benzo(a)pyrene	300	88
36S11	A-10-D	Benzo(a)pyrene	110	88
		Beryllium	6 ppm	0.1 ppm
36S12	A-10-E	Benzo(a)pyrene	130	88

Note:
PRG — Preliminary Remedial Goal

Table 2-4
IWTP Sewer Line Source Characterization — Sediment Samples

		Manholes			
Parameter	**PRG**	**A-5**	**A-7**	**A-10**	**A-6-B**
Metals (ppm)					
Antimony	12	12.8	46.9	39	ND
Arsenic	7.24	12.9	ND	ND	ND
Cadmium	0.676	91.8	163	196	1.2
Chromium	52.3	2,000	3,370	2,080	82.5
Copper	18.7	316	427	408	39.6
Lead	30.2	610	2,120	1,210	ND
Mercury	0.13	9.5	2.3	22.9	ND
Nickel	15.9	334	616	440	ND
Silver	0.733	71.7	52.8	66.5	ND
Zinc	124	606	874	981	ND
PCBs (ppb)					
Aroclor-1260	21.6	55,000	77,000	180,000	ND
SVOCs (ppb)					
2-Methylnapthalene	20.2	7,300	7,700	17,000	ND
Naphthalene	34.6	ND	ND	13,000	ND
Phenanthrene	86.7	4,100	ND	4,500	ND
Pyrene	153	1,800	ND	ND	ND
BEHP	182	64,000	140,000	57,000	ND

Notes:
ND — Not detected
BEHP — bis(2-Ethylhexyl)phthalate

Five interim soil removals occurred on Site 36 after the field investigation, in conjunction with commencement of BRAC construction within the site area. The removals were based on soil contaminated above PRGs. The Site 36 soil removals were performed using the BRAC construction schedule at Chevalier Field, and were performed by Hyman Construction, Inc., under the Resident Officer in Charge of Construction (E/A&H, 1996b). They are briefly described as follows:

Site 36A

This removal was conducted to remove contaminants detected in soil boring 36S01. According to the contractor records, 92.59 cubic yards (yd^3) of material were excavated from the site on April 18, 1995. Composite soil samples analyzed by Savannah Laboratories of Savannah, Georgia were determined to be nonhazardous.

The manifest shows that 23.5 tons of material were received at the Springhill Regional Landfill (SRL), in Graceville, Florida on July 24, 1995. The removal action is detailed in the *Confirmation Sampling Results, Chevalier Field Removal Actions* completed by E/A&H (1996e).

Site 36B

This area was excavated to remove contaminants detected in soil boring 36S03. On April 27, 1995, 92.59 yd^3 of soil were excavated. Composite samples analyzed by Savannah Laboratories were determined to be nonhazardous. Soil was received at the SRL on July 21 and July 24, 1995. The removal action is detailed in the Confirmation Sampling Results report (E/A&H, 1996e).

Site 36C

Site 36C was excavated to remove contaminants detected in soil boring 36S06. On April 28, 1995, 92.59 yd^3 of soil were excavated. Composite samples analyzed by Savannah Laboratories were determined to be nonhazardous. Soil was received at the SRL on

July 21, 1995. The removal action is detailed in the Confirmation Sampling Results report (E/A&H, 1996e).

Site 36D

Site 36D was excavated to remove contaminants detected in soil boring 36S07. On April 18, 1995, 92.59 yd^3 of soil were excavated. Composite samples analyzed by Savannah Laboratories were determined to be nonhazardous. The transportation manifests show that 99.11 tons of material were transported, but only one manifest for 48.88 tons was signed and confirmed to have been received on July 24, 1995. The removal action is detailed in the Confirmation Sampling Results report (E/A&H, 1996e).

Site 36E

Site 36E was excavated to remove contaminants detected in soil borings 36S11 and 36S12. From December 28, 1995, to January 2, 1996, 722.22 yd^3 of soil were excavated. Composite samples analyzed by Savannah Laboratories were determined to be nonhazardous. Manifests indicated that approximately 940 tons of soil were transported to SRL. The removal action is detailed in the Confirmation Sampling Results report (E/A&H, 1996e).

1994 — Building 3380 Preremoval Investigation

From January 1992 to March 1994, Asea Brown Boveri (ABB), Environmental Services, Inc. assessed contamination at Site 2662W, the former site of a 1,000-gallon underground storage tank (UST) near Building 2662 in the southeast part of Chevalier Field (ABB, 1994a). The investigation identified two distinct areas, the area north of 2662 (leaky UST) and the area near Building 3380 (unknown source). ABB advanced 95 soil borings and installed 52 permanent monitoring wells and 15 temporary monitoring wells.

As agreed upon by the Tier I Partnering Team, the chlorinated compound contamination investigation in the Building 3380 area was transferred to the IRP. The area was included under

the E/A&H Site 36 investigation because of the chlorinated compounds, the areal distinction of the plume, and its proximity to the IWTP sewer line.

Until July 1994, Building 3380 stored hazardous materials such as oils, paint, and other flammable liquids inside a fenced area, and inside the structure. The building was vacated on July 15, 1994, because of the pending construction.

E/A&H performed fieldwork in June and July 1994 in the Building 3380 area. E/A&H advanced 13 soil borings and collected 19 soil samples (Figure 2-7). In addition, one concrete sample was collected from inside Building 3380 (E/A&H, 1994a).

Soil borings with analytes exceeding PRGs that were subsequently removed are summarized in Table 2-5 and are presented in Appendix E. Metals were only included if they exceeded both their PRGs and NAS Pensacola reference concentrations.

During a 1994 meeting, the parties agreed to perform a removal at Site 3380 in the area of SVOC and VOC contamination identified in a technical memorandum on Building 3380 (E/A&H, 1994a). Bechtel Environmental, Inc. (BEI), removed and disposed of the contaminated soil from the areas of Buildings 2662 and 3380. The soil removal and disposal are detailed in two project completion and supplement reports for Sites 2662W and PSC-36 (BEI, 1996a/b). Samples were collected at the excavation extent and the results are presented in Section 7 of this document.

1994 — AVGAS Line Area and Associated USTs Investigations

From September to November 1994, Phoenix Construction Company removed 12 former USTs along the AVGAS line (ABB, 1994b). The actual AVGAS line was removed by BEI in 1994 (BEI, 1996c). Of the 12 UST locations, UST Sites 8, 11, 12, and 13 are near Site 36 (Figure 2-8). The USTs associated with the AVGAS line stored heavy lubricating oil.

Table 2-5
Analytes in Building 3380 Soil Borings Resulting in a Removal Action

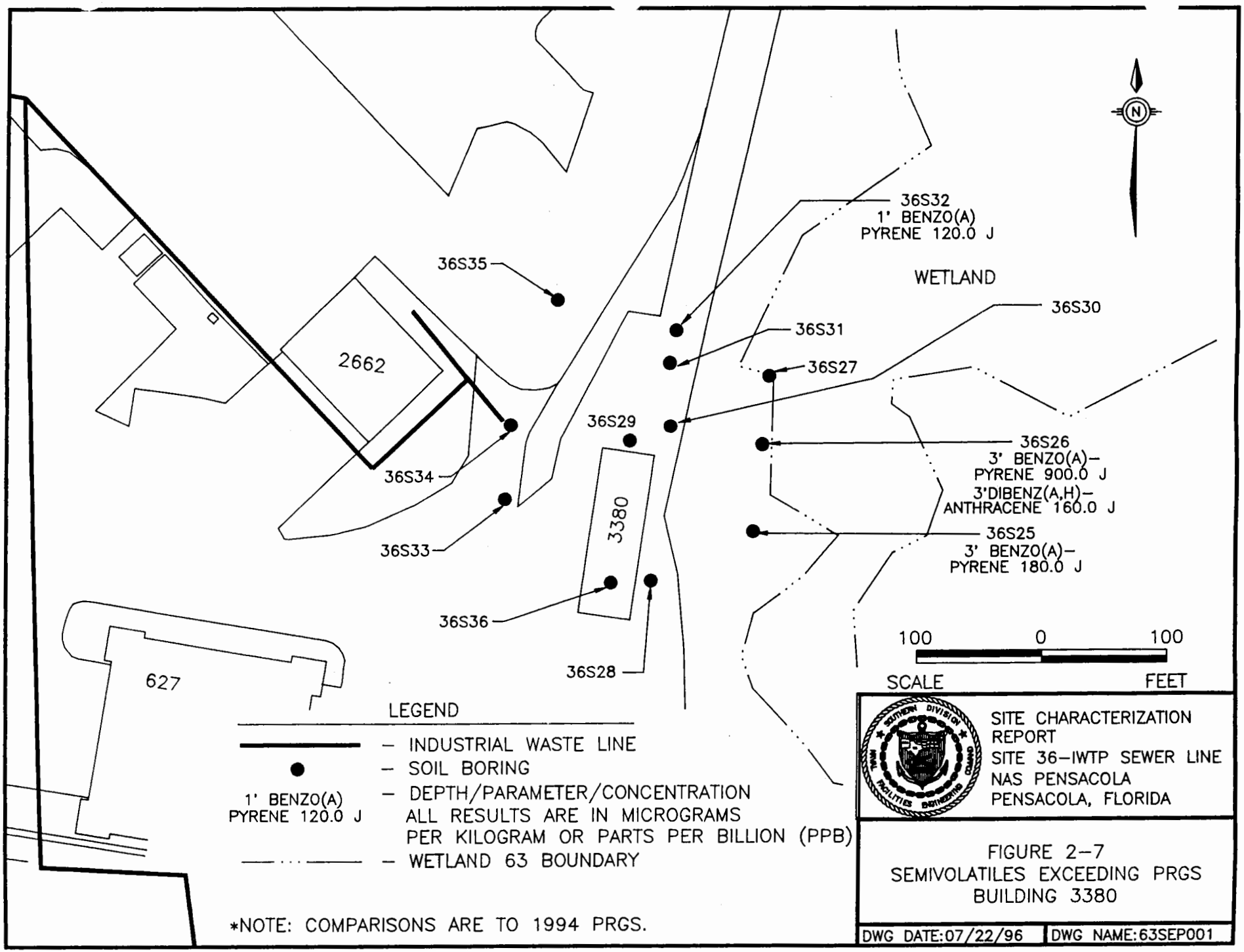
Soil Boring	Analyte	Result (ppb)	PRG (ppb)
36S25	Benzo(a)pyrene	180	88
36S26	Benzo(a)pyrene	900	88
	Dibenz(ah)anthracene	160	88
36S29	Tetrachloroethene	1,100	NS
36S32	Benzo(a)pyrene	120	88

Notes:
Comparisons are based on 1994 PRGs. All depths were compared to surface soil PRGs.
Although the soil did not exceed the PRGs, soil boring 36S31 was removed during the excavation.
NS — No standard established

The system was used from the 1940s to the 1970s, when it was shut down. The USTs were left undrained until they were removed in 1994. In late September 1994, the UST sites were turned over to ABB for closure and to assess contamination, where necessary. From October 1994 through August 1995, ABB advanced soil borings at UST Sites 2 through 13 to collect lithologic information, assess the extent of petroleum contamination, and confirm that the soil contamination detected during the initial sampling was removed. In addition, monitoring wells were installed to assess the horizontal and vertical extent of groundwater contamination. The general preliminary findings of the results for the USTs in the Site 36 area are summarized in Table 2-6 and are discussed below. The results are compared to current PRGs in the following discussions. PRG exceedances are shown on Figure 2-8.

UST Site 8:

Four confirmatory soil samples from the excavation walls and six groundwater samples were collected. The soil samples are below the PRGs; however, one groundwater sample collected from 08G001 (29.6 ppb) exceeded the lead MCL of 15 ppb, but was below its state target level of 50 ppb. No further action was proposed and approved by FDEP for Site 8 (ABB, 1995a).


36S32
1' BENZO(A)
PYRENE 120.0 J
WETLAND
36S30
36S31
36S27
36S35
2662
36S29
36S26
3' BENZO(A)-
PYRENE 900.0 J
3'DIBENZ(A,H)-
ANTHRACENE 160.0 J
36S34
3380
36S33
36S25
3' BENZO(A)-
PYRENE 180.0 J
36S36
36S28
627
100 0 100
SCALE FEET
LEGEND
- INDUSTRIAL WASTE LINE
- SOIL BORING
1' BENZO(A)
PYRENE 120.0 J
- DEPTH/PARAMETER/CONCENTRATION
ALL RESULTS ARE IN MICROGRAMS
PER KILOGRAM OR PARTS PER BILLION (PPB)
- WETLAND 63 BOUNDARY
*NOTE: COMPARISONS ARE TO 1994 PRGS.
SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND
SITE CHARACTERIZATION
REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-7
SEMIVOLATILES EXCEEDING PRGS
BUILDING 3380
DWG DATE:07/22/96
DWG NAME:63SEP001

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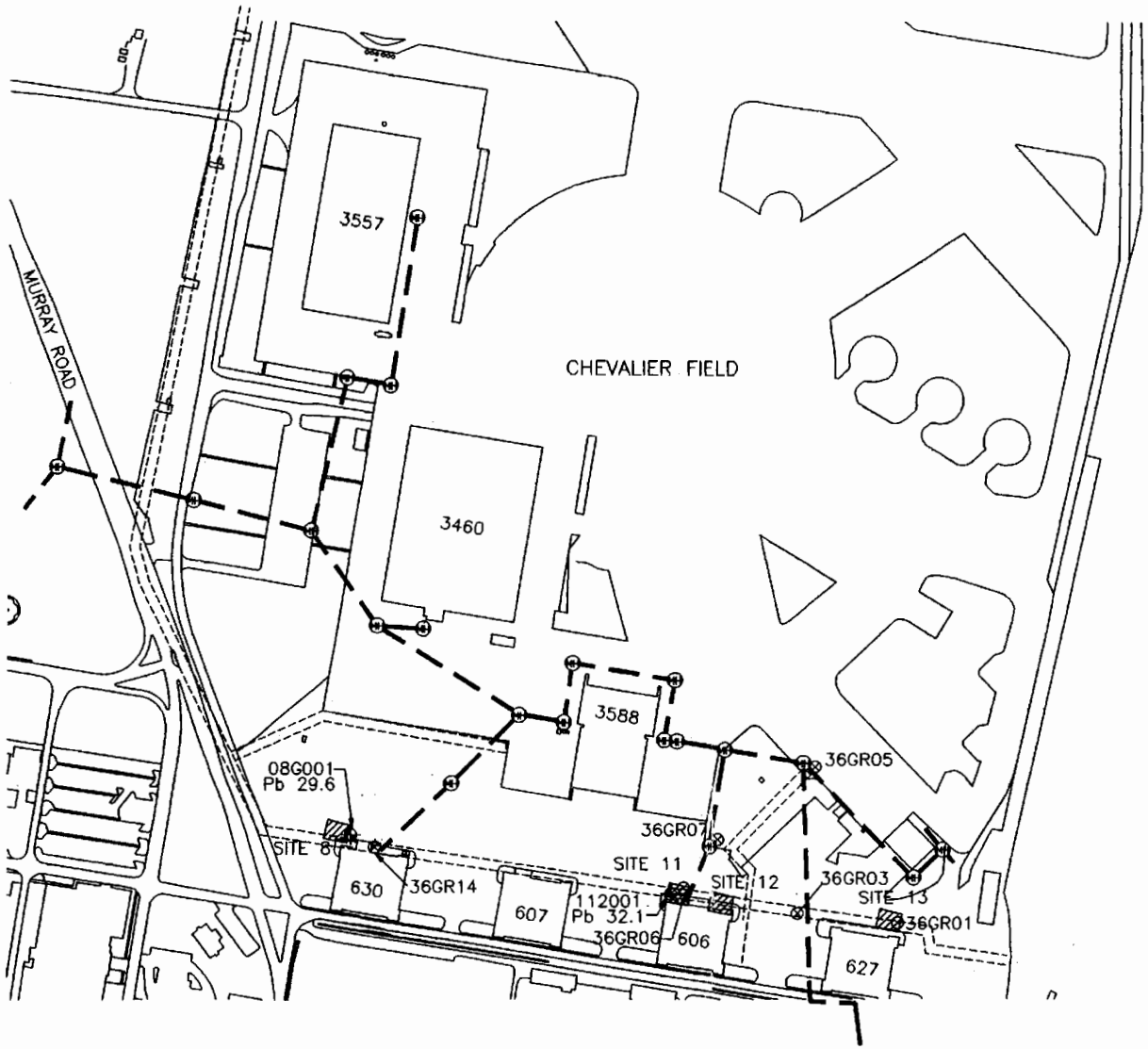


LEGEND

- MANHOLE
- INDUSTRIAL WASTE LINE
- TANK LOCATIONS
- 08G001 – ABB MONITORING WELL/ID
- 36GR01 – TEMPORARY MONITORING WELL/ID
- APPROXIMATE EXCAVATION AREA
- Pb – LEAD

300 0 300
SCALE FEET

ALL RESULTS ARE IN ppb

SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 2–8
ABB TANK LOCATIONS
NEAR SITE 36–AVGAS LINE AREA
AND PRG EXCEEDANCES

DWG DATE:03/26/97 | DWG NAME:63S36ABB

Table 2-6
Contamination Status of All Media Assessed for AVGAS Line Associated USTs

Site	Media	Contaminant Status
Site 8	Soil	Excessively contaminated soil removed from site
	Groundwater	Contamination detected below state target levels requiring further action
Site 11	Soil	Excessively contaminated soil removed from site
	Groundwater	Petroleum contamination detected below state target levels requiring further action
Site 12	Soil	Lead and TRPH contamination present
	Groundwater	Groundwater contamination present
Site 13	Soil	No contamination detected
	Groundwater	No assessment required

UST Site 11:

Four confirmatory soil samples from the excavation walls and one groundwater sample from a temporary monitoring well were collected. The soil samples were below the PRGs; however, lead in the groundwater sample collected from 11Z001 (32.1 ppb) exceeds the MCL of 15 ppb, but is below its state target level of 50 ppb. No further action was proposed and approved for Site 11 (ABB, 1995b).

UST Site 12:

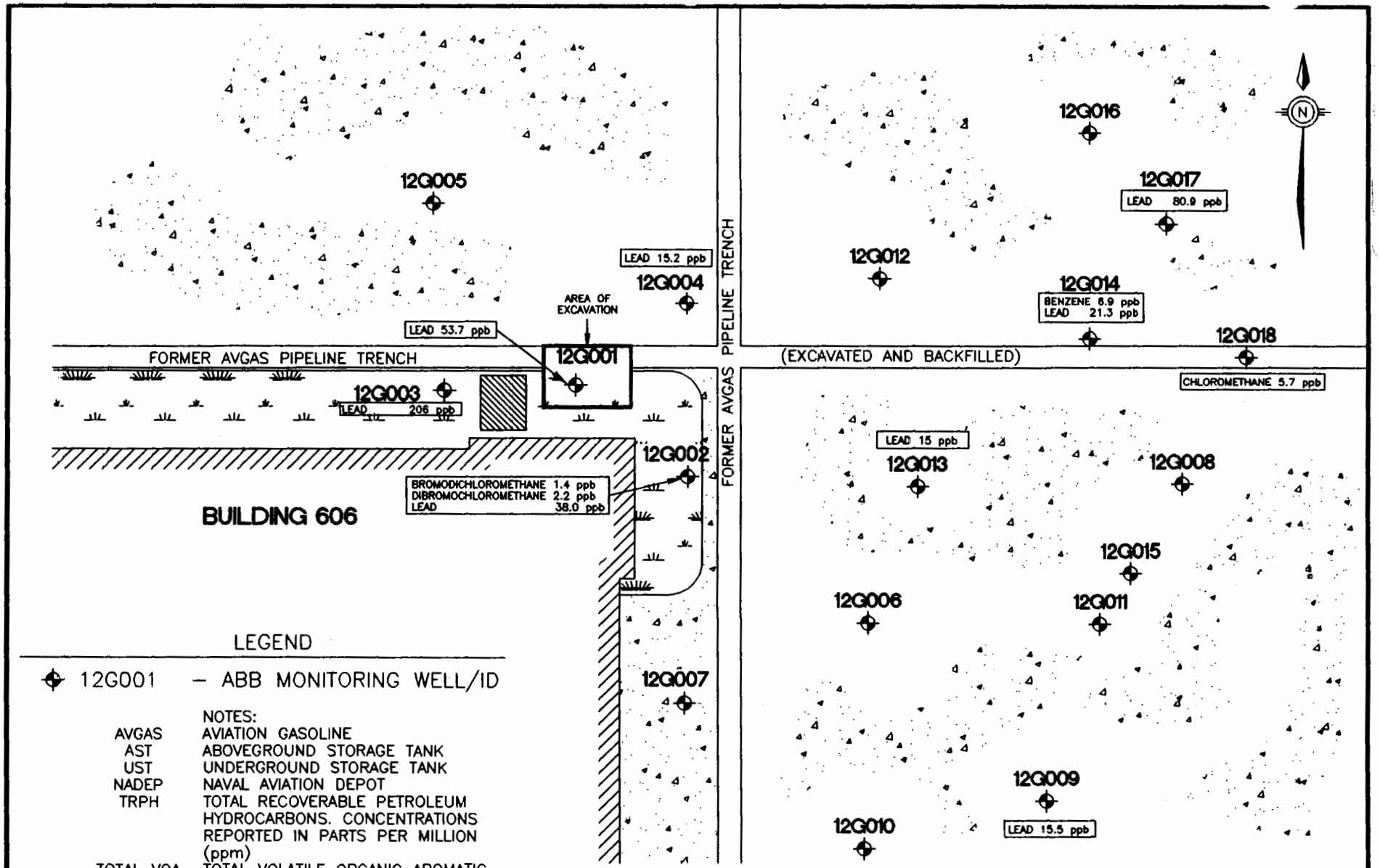
Four confirmatory soil samples were collected from the excavation walls. A soil sample collected at 12B004 (59.4 ppm) exceeded the state maximum TRPH concentration (50 ppm).

It was estimated that 42 yd^3 of contaminated soil remain onsite. Soil removal was recommended (ABB, 1995c).

Groundwater samples were collected from 18 monitoring wells. Where appropriate, exceedances of MCLs are shown on Figure 2-9. Lead exceeds its MCL of 15 ppb in 12G001 (53.7 ppb), 12G002 (38 ppb), 12G003 (206 ppb), 12G004 (15.2 ppb), 12G009 (15.5 ppb), 12G013 (15 ppb), 12G014 (21.3 ppb), and 12G017 (80.9 ppb). Benzene exceeded its MCL (1 ppb) in 12G014 (6.9 ppb). Bromodichloromethane and dibromochloromethane exceeded their standards (0.6 ppb, 1 ppb, respectively) in monitoring well 12G002 (1.4 ppb, 2.2 ppb, respectively). Chloromethane also exceeded its FGGC (2.7 ppb) in 12G018 (5.7 ppb). Groundwater contamination was attributable to the AVGAS line. Upon removal of remaining contaminated soil, no further action will be recommended (ABB, 1995c).

UST Site 13:

A composite soil sample was collected from the source area at Site 13. No compounds exceeded FDEP clean soil criteria or PRGs. No further action was recommended and approved by FDEP (ABB, 1995d).



SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA

FIGURE 2–9
PETROLEUM SITE 12, UST 140
GROUNDWATER CONTAMINATION DISTRIBUTION MAP

DWG DATE: 03/26/97 | DWG NAME: 63S36GCD

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3.0 ENVIRONMENTAL SETTING

3.1 Physiography

NAS Pensacola is in the Gulf Coast lowlands on a peninsula bounded by Pensacola Bay to the south and east and Bayou Grande to the north. The main topographic feature is a bluff paralleling the southern and eastern shorelines of the peninsula. Landward of the bluff is a gently rolling upland with elevations up to 40 feet above msl (United States Geological Survey [USGS, 1970a/b]). 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. Chevalier Field and Magazine Point are on this marine terrace.

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

3.2 Stratigraphy and Hydrogeology

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

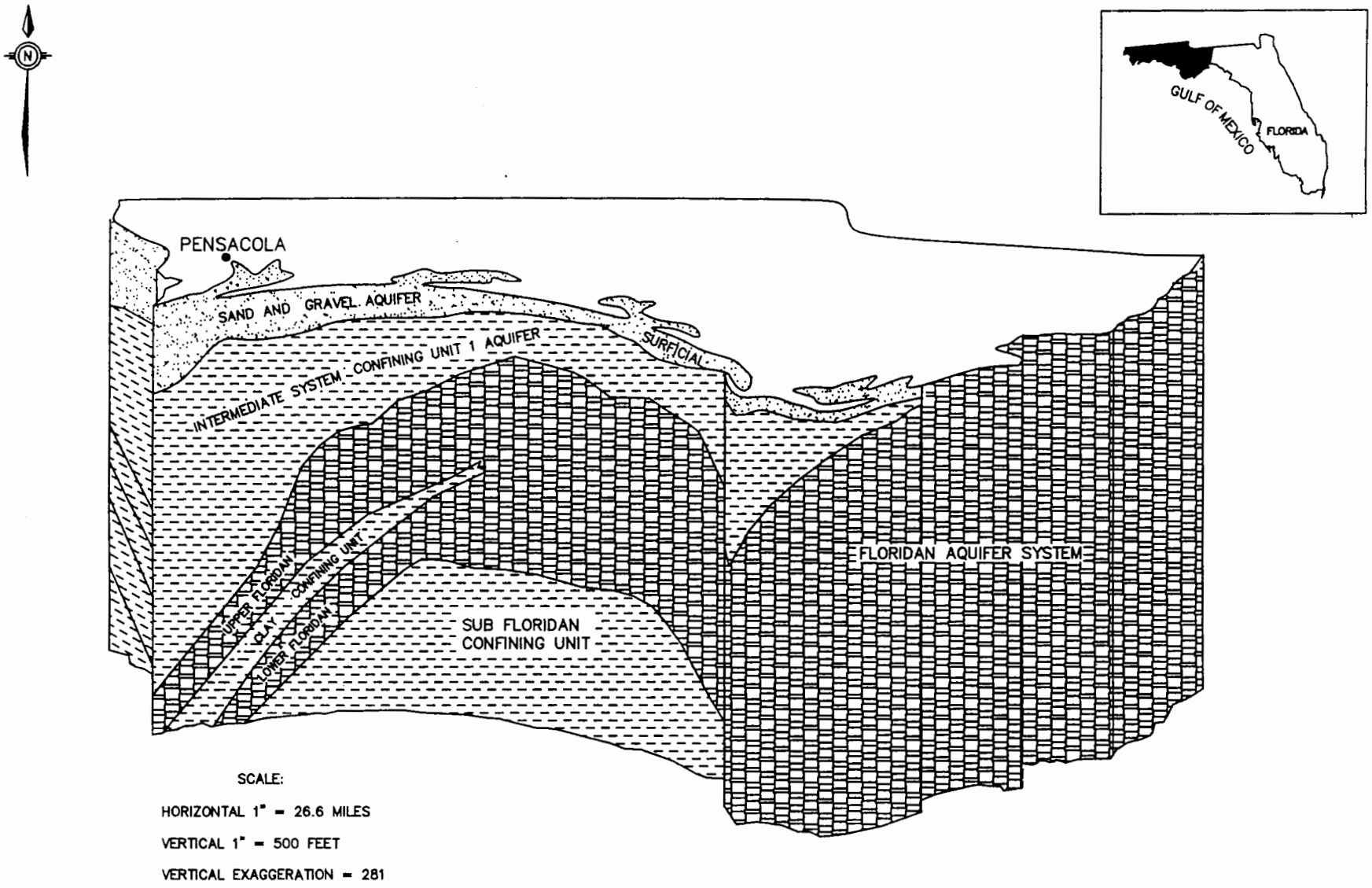
Surficial/Sand-and-Gravel Aquifer

The Surficial Aquifer, composed primarily of unconsolidated siliciclastic sediments, is approximately 300 feet thick at NAS Pensacola. These sediments belong to undifferentiated

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

Surficial Zone

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



SOURCE: E&E 1992c.

SITE CHARACTERIZATION REPORT
NAS PENSACOLA SITE 36-IWTP
SEWER LINE
NAS PENSACOLA
PENSACOLA, FL

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

DATE: 04/16/96 | DWG NAME: 63GGC

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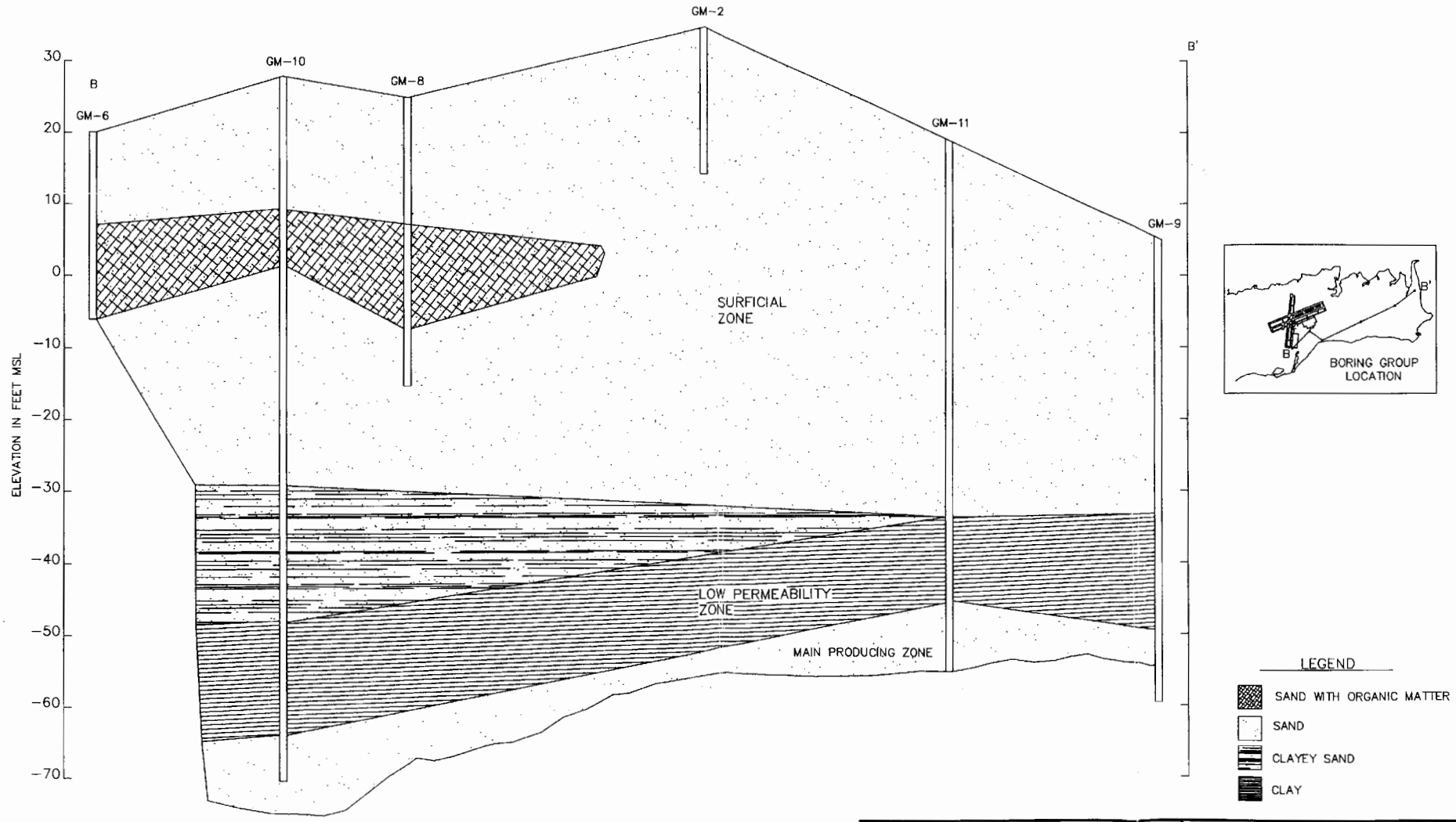

SOURCE: GERAGHTY & MILLER, 1986

SITE CHARACTERIZATION REPORT
NAS PENSACOLA SITE 36-IWTP
SEWER LINE
NAS PENSACOLA
PENSACOLA, FL

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

DATE: 04/16/96 | DWG NAME: 63GCS

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

Low Permeability Zone

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

Main Producing Zone

The main producing zone underlies the low permeability zone and constitutes the bottom portion of the Sand-and-Gravel Aquifer. Regionally, depth to the top of the zone ranges from 60 to 120 feet. The zone is composed of sand and gravel with thin beds of silt and clay, and is estimated to be approximately 300 feet thick at NAS Pensacola. Of the three zones in the Sand-and-Gravel Aquifer, this one is generally the most permeable and is the principal source of water supply for the Pensacola area (Wilkins et al., 1985). Groundwater in this zone generally is confined, and in southern Escambia County it recharges primarily north of southern Escambia County and is supplemented by leakage in the northern parts of the county, where it is present at the surface. Regional groundwater flows generally east toward Pensacola Bay and south toward the Gulf of Mexico. Three supply wells at NAS Pensacola produce water from this zone; however, they are used only as an emergency supplement to the base water supply,

to irrigate the base golf course, and for fire protection due to the water's high iron content (G&M, 1984, 1986). For potable water, NAS Pensacola depends on an offsite water source provided from main producing zone wells at Corry Field, approximately three miles to the north.

Intermediate System

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

Floridan Aquifer System

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

3.3 Ecological Setting

3.3.1 Regional Ecological Setting

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

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

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

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

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

3.3.2 Ecological Setting at NAS Pensacola

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

developed swampy lowlands. NAS Pensacola's eastern portion is largely developed, with military and industrial facilities and historical/cultural sites. Most of the installation's activities are on the eastern side of the base. The less developed west side of the base has approximately 3,500 acres of natural or seminatural beaches, 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 flatwoods communities. Wetland environments include a broad spectrum of both estuarine and palustrine wetlands, as well as various disturbed habitats, many in states of recovery as they undergo reforestation or return to their natural condition.

Vegetation Communities

NAS Pensacola 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 flatwoods communities are short, with a wide variety of small shrubs and herbaceous plants in the understory. Hardwood/pine communities are a highly diverse mixture of hardwood trees and pines. Sand pine scrub communities on well-drained sandy soils contain sand pines, oaks, and various shrubs. Bay swamps are wetlands with titi and cypress swamps known to contain permanent standing water and high accumulations of organic peat. Freshwater marshes occur as grass/sedge/rush/herb communities in areas with high soil saturation or standing water. Estuarine coastal marshes, including salt marshes, occur along low-energy shorelines and in tidal bayous (USFWS, 1987).

Wildlife

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

Threatened and Endangered Species

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

3.4 Area Climate

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

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, 1992a).

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

4.0 PRELIMINARY SURVEYS

4.1 Phase I Surveys

E&E conducted a preliminary survey during the 1991 Phase I investigation. Section 2.3 summarizes the findings of the E&E and other Site 36-related investigations. The Phase I investigation is detailed in the Site 36 IDR (E&E, 1992a).

4.2 Contaminant Source Survey

E/A&H conducted a contaminant source survey before the field investigation. The survey was used to quantify information on past and present site activities or incidents that may have resulted in known or suspected releases of contamination to the environment.

The following sources were reviewed:

- Previous investigation reports and site historical information (described in Section 2.3)
- NAS Pensacola PWC drawings and utility maps
- Aerial photographs
- Telespection report (described in Section 2.3)
- Maintenance records

Aerial Photographs

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

structures associated with NADEP. Extensive reconstruction of the concrete parking apron also occurred. Concurrent with the construction of facilities on Chevalier Field, road construction occurred. Road modifications and construction included Ellyson Avenue and Murray, Moffett, and Industrial roads. The excavation, trenching, backfilling, and grading activities associated with the extensive construction may have redistributed existing contaminants.

Maintenance Records

NAS Pensacola PWC maintenance records from July 1987 to October 1993 indicate that several repairs were performed on the IWTP sewer line and associated lift stations. Most repairs were made to the pumps in the lift stations. Repairs to the actual industrial waste line were noted west of Building 3460 in September 1986; a broken discharge line was repaired at industrial waste lift station near B-782-A in March 1993; Manhole A-3 was replaced in August 1988; and the line between 742 and 782 was repaired in May 1993. The areas identified were targeted during the Site 36 investigation (E/A&H, 1995b). Maintenance performed in the Site 36 area is summarized in Table 4-1 and shown on Figure 4-1. Maintenance records for the entire IWTP sewer line can be found in Appendix F.

4.3 Habitat and Biota Survey

Site 36 is over a wide area bordered to the north and including the southern section of Chevalier Field. The Site 36 land surface includes grassy areas as well as concrete and asphalt pavement. No natural plant or animal habitats exist on the site, which consists of weedy, ruderal habitat outside landscaped areas. During the workweek, the area is heavily trafficked by people on foot and by vehicles. The shoreline of Pensacola Bay lies approximately 1,000 feet to the south and to the east, and shorebirds are often observed on the land of Site 36. These sightings are normally associated with wetlands east of Chevalier Field, and the drainage ditch west of Chevalier Field. E/A&H biologists involved with recent fieldwork in the area did not notice shorebird activity within the site boundary. However, this does not mean that shorebirds do not visit the site land surface area when human activity decreases (i.e., weekends, after working hours, etc.).

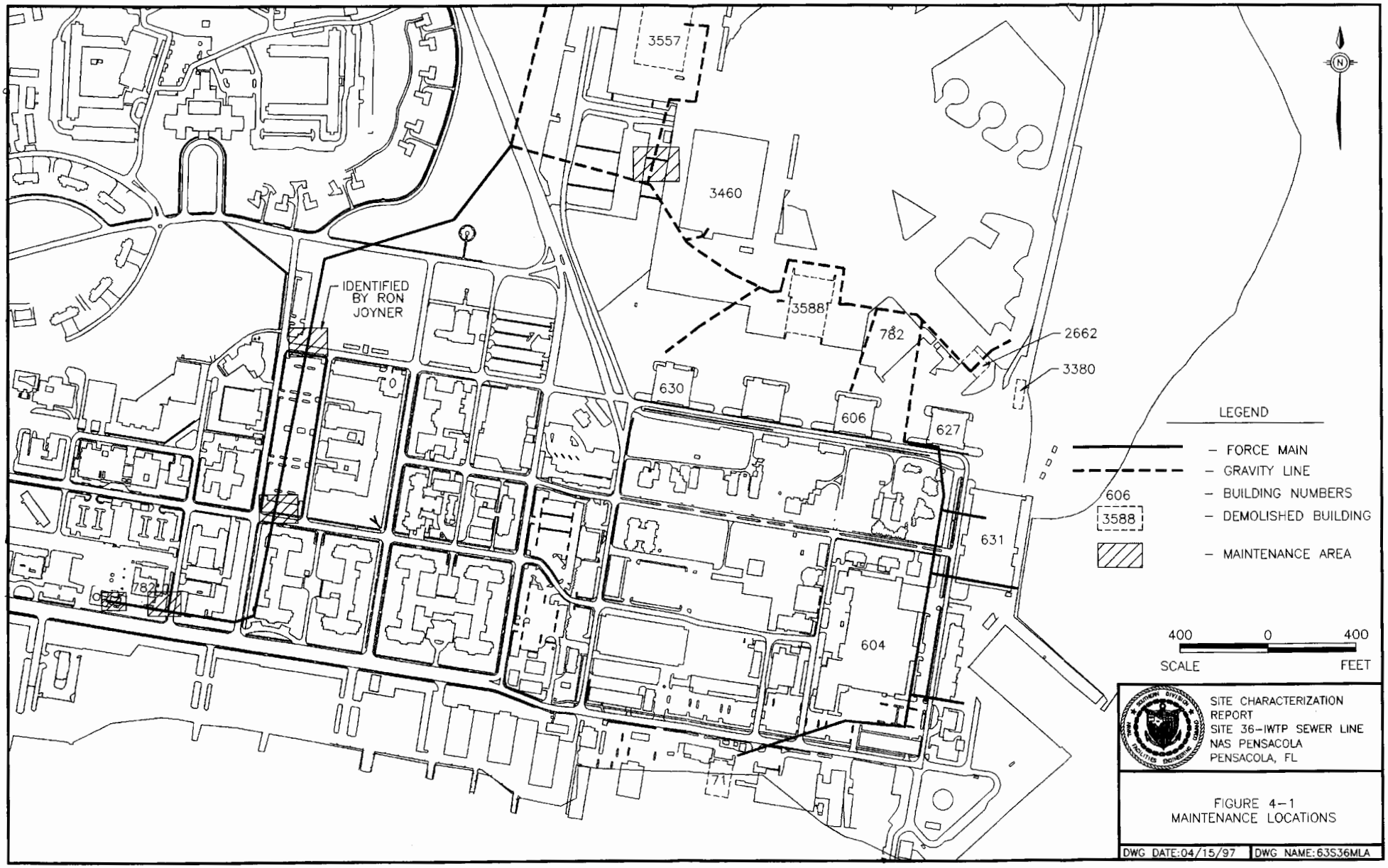
3557
3460
3588
782
2662
3380
630
606
627
631
604
IDENTIFIED BY RON JOYNER
LEGEND
– FORCE MAIN
– GRAVITY LINE
– BUILDING NUMBERS
– DEMOLISHED BUILDING
– MAINTENANCE AREA
400 0 400
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 4-1
MAINTENANCE LOCATIONS
DWG DATE:04/15/97
DWG NAME:63S36MLA

Table 4-1
PWC Recorded Maintenance on Site 36

Work Request	Date	Activity	Building	Date Performed (if noted)
88576	7/6/87	Inst alarm, light, sump, pump, etc.	3557	10/15/87
88714	10/27/87	Rpr I/W lift station pump 1st deck	782	1/25/88
88870	3/22/88	Rpr/Rpl I/W lift pump— north side of building	782	
88893	4/21/88	Rpr ST check valve and rpr cooling sys I/W lift pump	782	
88927	8/4/92	Rpl HI level alarm at I/W lift station — Forrestal Pier		
88387	2/9/89	Rpr/Rpl gratings on the I/W manhole south of Building 3460	3460	
88422	3/14/89	Prep and Paint Eq at 3 I/W Lift Station Buildings	631W, 631E, 627	
88531	7/10/91	Rpl manhole covers at misc. locations		
88327	4/1/93	Check and rpr I/W lift station pump	782B	
10737	5/26/88	Secure water to all buildings assoc with I/W	NASP	
10767	5/1/89	Rebuild the east pump at Building 631	631	
10743	7/8/91	Excavate and rpr I/W line at NW side of Building 624	624	
10769	3/2/93	Check and rpr broken discharge line at I/W lift station by B-782-A	782-A	
88666	9/18/89	Excav and rpr I/W line W side of Parade Ground	NASP	

Table 4-1
PWC Recorded Maintenance on Site 36

Work Request	Date	Activity	Building	Date Performed (if noted)
88327	4/1/93	Check and rpr I/W lift station pump	782B	
10769	3/2/93	Check and rpr broken discharge line at I/W lift station by B782-A	782-A	
25208	9/5/84	Rpl lift pump with submersible WS631	631	
25700	12/16/85	Req repl of I/W lift pump	631	
25701	12/16/85	Rpl subm pump	627	
25964	9/3/86	Rpl 15" I/W line W of bldg.	3460	
25984	10/8/86	Rpr west I/W lift station at B 782-B	782-B	
25020	12/11/86	Jet wash and telespect I/W lines	NASP	
25024	12/18/86	Rprs to misc I/W manholes and piping	NAS	
25219	8/31/87	CH and rpr the No. 2 pump (was 88658)	3568	
25256	10/21/87	Telespect I/W line (was 88657)	NAS	
25370	7/28/88	Rpl west I/W pump	782	
25390	8/22/88	Rpr/rpl I/W manhole A-3 east of Murray and SW of B3557	3557	
25572	5/26/89	Clean wet wells 627, 631, and 782B	NASP	
25693	3/19/90	Rpr/rpl I/W L.S. pumps at 4 locations 627 and 631		
25780	11/14/90	Rpl L.S. pumps in B631W and 3568	631W/3568	

Table 4-1
PWC Recorded Maintenance on Site 36

Work Request	Date	Activity	Building	Date Performed (if noted)
25843	6/21/91	Rep IEA lift station pump at major I/W lift stations	NASP	
25883	10/22/91	Emergency rprs to I/W manhole Murray Blvd.		
25075	4/15/93	Telespect & rpr I/W lines (was 94698)	NAS	
25097	5/20/93	Rpr I/W line between 742 and 782	742/782	
25128	10/8/93	Reroute I/W line and tie to DW line	782B	
25129	10/8/93	Telespect all I/W lines at NASP		

Reference: Summarized from PWC Maintenance Records

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5.0 FIELD INVESTIGATION APPROACH

The U.S. Navy-, USEPA-, and FDEP-approved work plans and sampling and analysis plans (SAP) for Site 36 outlined a three-phase investigation consisting of advancing soil borings, installing temporary and permanent monitoring wells, and collecting soil and groundwater samples for TAL/TCL analyses using CLP protocol. This phased approach was developed and agreed to by the Tier 1 Partnering Team in mid-January 1994. The Chevalier Field area of the IWTP sewer line was given high priority due to construction deadlines mandated by the BRAC commission. The remaining areas were investigated in accordance with the schedule presented in the FY 1996 Site Management Plan (SOUTHNAVFACENGCOM, 1995).

The first phase of the investigation was conducted to identify the presence of contaminants at each site, and establish PRG exceedances for identified constituents. Further assessment activities depended on whether soil and groundwater samples exceeded the applicable PRGs. Because of time constraints, removal action decisions in the Chevalier Field area were based on the Phase I data. Phase II of the investigation in the Chevalier Field area was implemented to verify contaminants exceeding PRGs in groundwater. Based on cost/time estimates, the approving organizations agreed to use temporary monitoring wells during the initial phases, in addition to soil borings, to rapidly identify sources and types for the contaminants above PRGs for soil and groundwater.

The Phase I investigations for Site 36 were conducted by E/A&H personnel during May 1994 for the Chevalier Field area and January 1996 for the remaining areas of Site 36. Phase II sampling was conducted on select monitoring wells to verify results in December 1994, September 1996, and December 1996. All sampling locations were placed in accordance with the final SAPs for the site.

5.1 Analytical Parameters

In accordance with the SAPs for Site 36, soil and groundwater samples were collected for Full Scan Analysis (FSA) using CLP TAL/TCL parameters during Phase I. In subsequent phases, analyses were limited to specific groups of contaminants. Additionally, soil samples were collected from each investigation-derived waste (IDW) drum for toxicity characteristic leaching procedure analysis to characterize for disposal alternatives.

Different laboratories were used to process CLP samples, as listed in Table 5-1.

Table 5-1
Laboratories Used

Sampling Area	Laboratory	Dates
Chevalier Field Area Phase I	Pace, Inc., of Hampton, NH	May 1994
Building 3380 Initial Sampling	Pace, Inc., of Hampton, NH	June 1994
Selected MW Resampling Chevalier Field Area Phase II	Compuchem, Inc., of Research Triangle Park, NC	December 1994
Building 3380 Removal Verification Sampling	Compuchem, Inc., of Research Triangle Park, NC	December 1994
SE and SW Legs of Site 36 Investigation	Savannah Laboratories of Savannah, GA	January 1996
Verification Sampling of Hyman Removal Actions — Areas A, B, C, and D	Compuchem, Inc., of Research Triangle Park, NC	May-June 1995
Verification Sampling of Hyman Removal Action — Area E	Ceimic Laboratory of Narragansett, RI	December 1995
Building 3380 Phase II Groundwater Sampling	S^3 of San Diego, CA	September 1996
Confirmation Sampling near Building 624	NAS Pensacola Public Works Center Laboratory	December 1996

Sample Identification

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

Site

- The first three digits denote the sampling site.

Sample Matrix

- The fourth digit identifies the sample matrix as follows:

S	=	Soil
C	=	Soil duplicate sample
G	=	Groundwater
H	=	Groundwater duplicate sample
T	=	Trip blank
E	=	Equipment rinsate blank
F	=	Field blank
K	=	Matrix spike sample
X	=	Matrix spike duplicate sample

Sampling Location

- The fifth through eighth digits represent the sampling location.

Depth Interval

- The ninth and tenth digits represent the depth interval or sample serial number. Except for the samples collected from Excavation E, the ninth and tenth digits represent the sample depth. Excavation E used the digits to designate the sample serial number, 01. The Excavation E samples were collected from 4 feet deep.

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

036S002001 Site 36/soil boring/location 20/0-1 foot deep

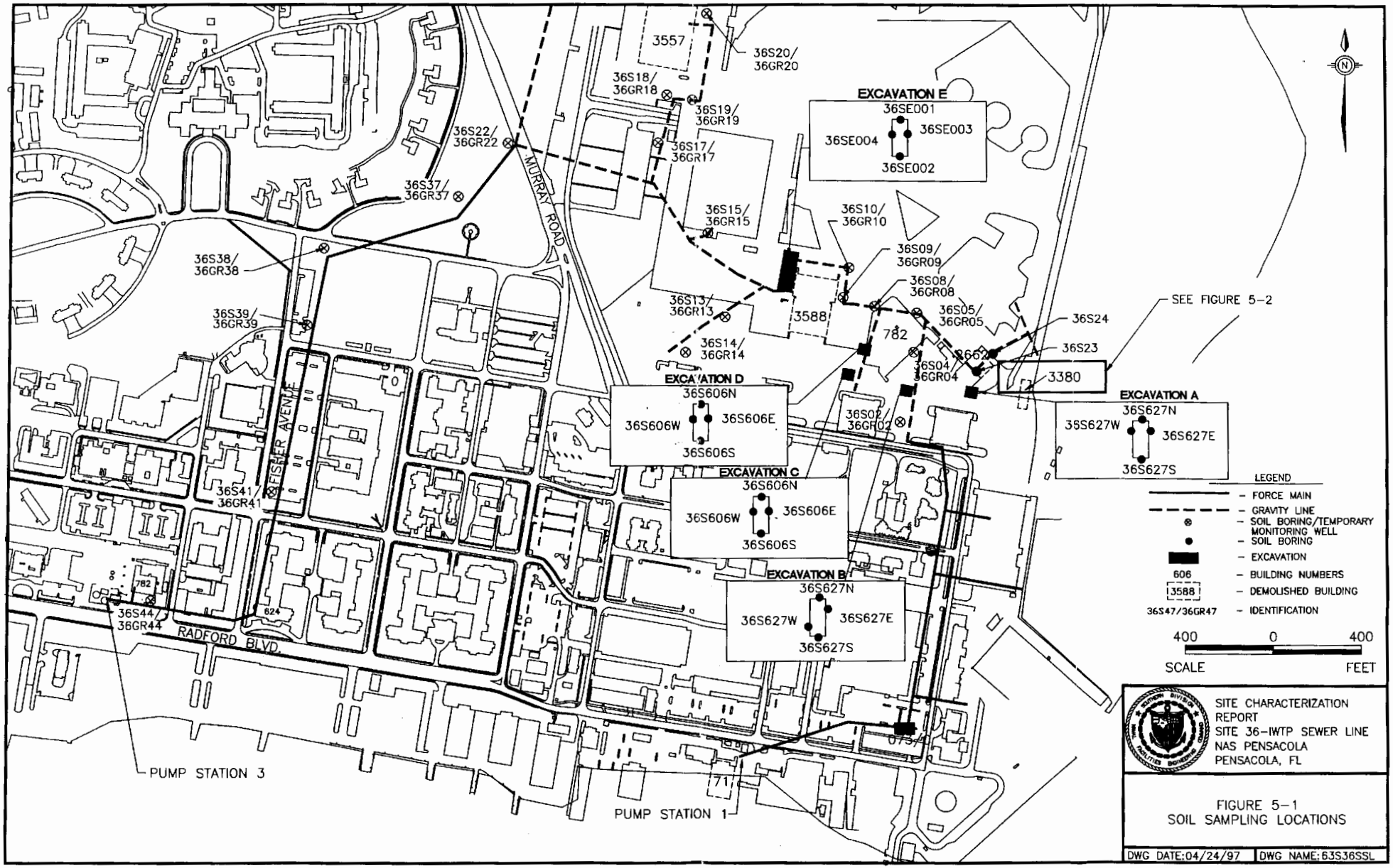
5.2 Soil Sampling

Chevalier Field Area Phase I Sampling

During the Phase I investigation of the Chevalier Field portion of Site 36, E/A&H advanced 22 soil borings. Boring locations, diagramed on Figure 5-1, were focused on manholes, joints, and turning points of the gravity-fed portions of the IWTP sewer line. The sampling rationale is presented in Table 5-2. Monitoring well 36GI01 is shown on Figure 5-2 and was installed downgradient of Building 3380. Soil sample collection details are summarized in Table 5-3. The analytical data for soil samples collected were reviewed, and removal actions were performed by Hyman Construction at locations 36S01, 36S03, 36S06, 36S07, 36S11, and 36S12. The locations and the analytical data for the samples collected from the removed soil borings are presented in Section 2. Sixteen soil borings remained after the removal action to describe the current site soil conditions.

Chevalier Field Removal Actions

Sampling locations for the removal actions conducted by Hyman are detailed in the Confirmation Sampling Results report (E/A&H, 1996e). A soil sample collected from the wall of each excavation was analyzed for FSA. At the Area C excavation, additional soil samples were collected to confirm elevated pesticide detections. Soil sample collection details are summarized in Table 5-4 and the excavation locations are shown on Figure 5-1.


EXCAVATION E
36SE001
36SE003
36SE004
36SE002
EXCAVATION D
36S606N
36S606W
36S606E
36S606S
EXCAVATION C
36S606N
36S606W
36S606E
36S606S
EXCAVATION B
36S627N
36S627W
36S627E
36S627S
EXCAVATION A
36S627N
36S627W
36S627E
36S627S
36S20/
36GR20
36S18/
36GR18
36S19/
36GR19
36S17/
36GR17
36S22/
36GR22
36S37/
36GR37
36S15/
36GR15
36S10/
36GR10
36S09/
36GR09
36S08/
36GR08
36S05/
36GR05
36S13/
36GR13
36S14/
36GR14
36S04/
36GR04
36S02/
36GR02
36S38/
36GR38
36S39/
36GR39
36S41/
36GR41
36S44/
36GR44
36S24
36S23
SEE FIGURE 5-2
3557
3588
782
3380
624
71
MURRAY ROAD
FISHER AVENUE
RADFORD BLVD.
PUMP STATION 3
PUMP STATION 1
LEGEND
FORCE MAIN
GRAVITY LINE
SOIL BORING/TEMPORARY MONITORING WELL
SOIL BORING
EXCAVATION
606 BUILDING NUMBERS
3588 DEMOLISHED BUILDING
36S47/36GR47 IDENTIFICATION
400 0 400
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36-IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 5-1
SOIL SAMPLING LOCATIONS
DWG DATE:04/24/97
DWG NAME:63S36SSL

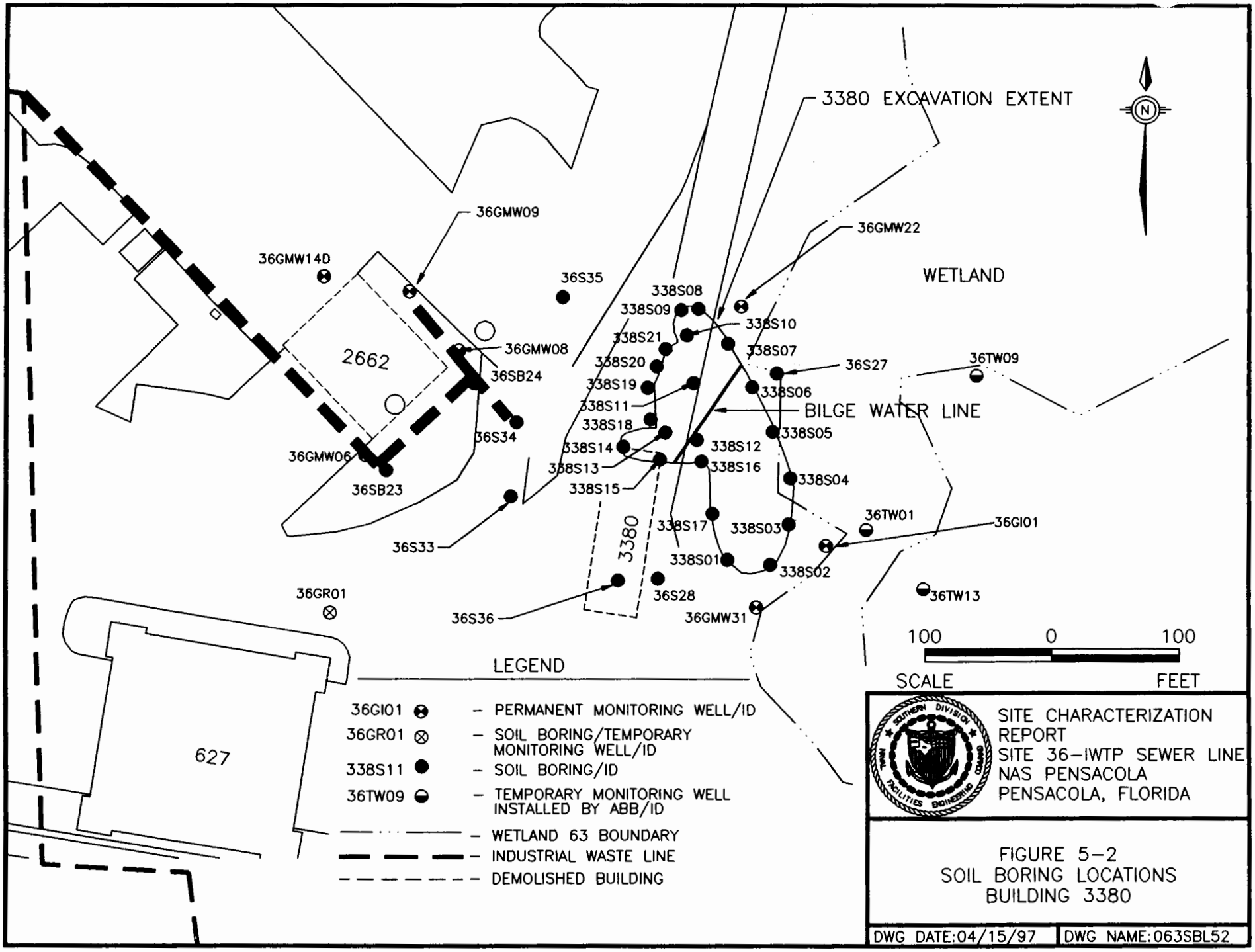

3380 EXCAVATION EXTENT
N
36GMW09
36GMW22
36GMW14D
36S35
WETLAND
338S08
338S09
338S10
338S21
338S07
36GMW08
2662
36S27
36TW09
338S20
36SB24
338S19
338S06
338S11
BILGE WATER LINE
338S18
338S05
36S34
338S14
338S12
36GMW06
338S13
338S16
338S04
36SB23
338S15
36TW01
36GI01
36S33
338S17
338S03
3380
338S01
338S02
36GR01
36S28
36TW13
36S36
36GMW31
100
0
100
SCALE
FEET
LEGEND
36GI01 – PERMANENT MONITORING WELL/ID
36GR01 – SOIL BORING/TEMPORARY MONITORING WELL/ID
338S11 – SOIL BORING/ID
36TW09 – TEMPORARY MONITORING WELL INSTALLED BY ABB/ID
– WETLAND 63 BOUNDARY
– INDUSTRIAL WASTE LINE
– DEMOLISHED BUILDING
627
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 5–2
SOIL BORING LOCATIONS
BUILDING 3380
DWG DATE:04/15/97
DWG NAME:063SBL52

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Table 5-2
Site 36, Chevalier Field Area Sampling Locations and Rationale

Soil Boring/Monitoring Well Identification Number	Rationale
36S02/36GR02	Elbow Joint
36S04/36GR04	200' Interval
36S05/36GR05	Manhole Location (A-10)
36S08/36GR08	Manhole Location A-10-1
36S09/36GR09	Manhole Location A-10-A
36S10/36GR10	Manhole Location A-10-B
36S13/36GR13	Manhole Location A-10-E
36S14/36GR14	Building 630 Connection
36S15/36GR15	Manhole Location (Unidentified)
36S17/36GR17	100' Interval
36S18/36GR18	100' Interval
36S19/36GR19	Manhole A-6-A
36S20/36GR20	Manhole A-6-B
36S22/36GR22	Manhole A-4
36S23	Manhole A-11
36S24	Manhole A-11-A

Notes:
Soil surrounding sample locations 36S01, 36S03, 36S06, 36S07, 36S11, and 36S12 was removed. Data from those borings are presented in Section 2.

Table 5-3
Site 36, Chevalier Field Area Soil Samples

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Remarks
Site 36 Phase I Investigation				
36S02	036S000201 036S000203 036S000205	0-1 ft. 1-3 ft. 3-5 ft.	5/4/94	Soil Boring/Temporary Well Location
36S04	036S000401 036S000403	0-1 ft. 1-3 ft.	5/4/94	Soil Boring/Temporary Well Location

Table 5-3
Site 36, Chevalier Field Area Soil Samples

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Remarks
36S05	036S000501 036S000502	0-1 ft. 0-2 ft.	5/4/94	Soil Boring/Temporary Well Location
36S08	036S000801 036S000803	0-1 ft. 1-3 ft.	5/2/94	Soil/Temporary Well Location
36S09	036S000901 036S000903 036S000905 036S000907	0-1 ft. 1-3 ft. 3-5 ft. 5-7 ft.	5/2/94	Soil Boring/Temporary Well Location
36S10	036S001001 036S001003 036S001005	0-1 ft. 1-3 ft. 3-5 ft.	4/29/94	Soil Boring/Temporary Well Location
36S13	036S001301 036S001303 036S001305	0-1 ft. 1-3 ft. 3-5 ft.	5/9/94	Soil Boring/Temporary Well Location
36S14	036S001401 036S001403 036S001405	0-1 ft. 1-3 ft. 3-5 ft.	4/29/94	Soil Boring/Temporary Well Location
36S15	036S001501 036S001503 036S001505	0-1 ft. 1-3 ft. 3-5 ft.	4/28/94	Soil Boring/Temporary Well Location
36S17	036S001701 036S001703 036S001705	0-1 ft. 1-3 ft. 3-5 ft.	4/27/94	Soil Boring/Temporary Well Location
36S18	036S001801 036S001803 036S001805	0-1 ft. 1-3 ft. 3-5 ft.	4/27/94	Soil Boring/Temporary Well Location
36S19	036S001901 036S001903 036S001904	0-1 ft. 1-3 ft. 3-4 ft.	4/27/94	Soil Boring/Temporary Well Location
36S20	036S002001 036S002003 036S002005 036S002007	0-1 ft. 1-3 ft. 3-5 ft. 5-7 ft.	4/27/94	Soil Boring/Temporary Well Location

Table 5-3
Site 36, Chevalier Field Area Soil Samples

Boring Location	Sample Identifier	Sample Interval	Date Sampled	Remarks
36S22	036S002201 036S002203	0-1 ft. 1-3 ft.	4/28/94	Soil Boring/Temporary Well Location
36S23	036S002301 036S002303	0-1 ft. 1-3 ft.	5/9/94	Soil Boring
36S24	036S002401 036S002403	0-1 ft. 1-3 ft.	5/9/94	Soil Boring

Notes:
Soil surrounding boring locations 36S01, 36S03, 36S06, 36S07, 36S11, and 36S12 was removed by Hyman Construction. Data collected from those borings are presented in Section 2.

Table 5-4
Sample Identification and Rationale
Site 36 Removal Actions

Sample Location ID	Sample Depth (Feet)	Sample Date	Media	Analysis	Sampling Rationale
Site 36E Designated as Area E by the contractor.					
36-E-0001	4	12-29-95	Soil	Full	Confirmation sample
36-E-0002	4	12-29-95	Soil	Full	Confirmation sample
36-E-0003	4	12-29-95	Soil	Full	Confirmation sample
36-E-0004	4	12-29-95	Soil	Full	Confirmation sample
Site 36, Area 606 — Designated as Area D by the contractor.					
36-S-606N	4	05-08-95	Soil	Full	Confirmation sample
36-S-606S	4	05-08-95	Soil	Full	Confirmation sample
36-S-606E	4	05-08-95	Soil	Full	Confirmation sample
36-S-606W	4	05-08-95	Soil	Full	Confirmation sample

Table 5-4
Sample Identification and Rationale
Site 36 Removal Actions

Sample Location ID	Sample Depth (Feet)	Sample Date	Media	Analysis	Sampling Rationale
Site 36, Area 606 — Designated as Area C by the contractor.					
36-S-606N	5	05-15-95	Soil	Full	Confirmation sample
36-S-606S	5	05-15-95	Soil	Full	Confirmation sample
36-S-606E	5	05-15-95	Soil	Full	Confirmation sample
36-S-606W	5	05-15-95	Soil	Full	Confirmation sample
36-S-606N	5R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
36-S-606S	5R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
36-S-606E	5R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
36-S-606W	5R	06-14-95	Soil	Pest	Repeat pesticide sampling to confirm elevated concentrations in previous samples.
Site 36, Area 627 — Designated as Area A by the contractor.					
36-S-627N	2	05-08-95	Soil	Full	Confirmation sample composite collected from 0-2' interval
36-S-627S	2	05-08-95	Soil	Full	Confirmation sample composite collected from 0-3' interval
36-S-627E	2	05-08-95	Soil	Full	Confirmation sample composite collected from 0-2' interval
36-S-627W	2	05-08-95	Soil	Full	Confirmation sample composite collected from 0-2' interval

Table 5-4
Sample Identification and Rationale
Site 36 Removal Actions

Sample Location ID	Sample Depth (Feet)	Sample Date	Media	Analysis	Sampling Rationale
Site 36, Between Buildings 606 and 627 — Designated as Area B by the contractor.					
36-S-627N	3	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Buildings 606 and 627
36-S-627S	3	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Buildings 606 and 627
36-S-627E	3	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Buildings 606 and 627
36-S-627W	3	05-19-95	Soil	Full	Confirmation samples from an IR-36 location between Building 606 and 627

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

Building 3380 Area

In the Building 3380 area, 12 soil borings were advanced on a grid across the area during Phase I. Soil samples were collected from each boring. All borings were abandoned upon completion of sampling. After completing the Phase I investigation, the analytical data were reviewed and a removal action was performed. Soil surrounding borings 36S25, 36S26, 36S29, 36S30, 36S31, and 36S32 was removed. The analytical data and locations of the borings are presented in Section 2. Sampling locations remaining after the removal action are summarized in Table 5-5 and shown on Figure 5-2.

Table 5-5
Building 3380 Phase I Sampling Locations and Rationale

Soil Boring/Monitoring Well Identification Number	Rationale
36S27	Grid
36S28	Grid
36S33	Grid
36S34	Grid
36S35	Grid
36S36[a]	Grid

Notes:
a — Concrete sample was collected at this location.
Soil surrounding sample locations 36S25, 36S26, 36S29, 36S30, 36S31 and 36S32 was removed. Data from those borings are presented in Section 2.

Building 3380 Removal Action

Soil samples were collected from the extent of the excavation and analyzed for TCL VOCs, TCL SVOCs, and TAL metals. The following intervals were sampled at each location: 0 to 1 foot, 1 to 3 foot, etc., until the saturated zone was reached. As the excavation extended, an open valve on the bilge water line was observed near sampling locations 338S10, 338S11, 338S12, and 338S13. The valve was closed subsequently, and laboratory analysis detected contaminants in those soil borings. The excavation was extended until the remaining soil was below PRGs. Building 3380 verification samples are summarized in Table 5-6 and shown of Figure 5-2.

Table 5-6
Building 3380 Verification Soil Samples

Boring Location	Sample Identifier	Sample Interval (depth in feet)	Date Sampled	Remarks
338S01	338S000101	0-1	12/5/94	Confirmation Sample
	338S000103	1-3	12/5/94	
	338S000104	3-4	12/5/94	
338S02	338S000201	0-1	12/6/94	Confirmation Sample
338S03	338S000301	0-1	12/6/94	Confirmation Sample
	338S000302	1-2		
338S04	338S000401	0-1	12/6/94	Confirmation Sample
338S05	338S000501	0-1	12/6/94	Confirmation Sample
	338S000503	1-3		
	338S000505	3-5		
338S06	338S000601	0-1	12/6/94	Confirmation Sample
	338S000603	1-3		
338S07	338S000701	0-1	12/6/94	Confirmation Sample
	338S000702	1-2		
338S08	338S000801	0-1	12/6/94	Confirmation Sample
	338S000802	1-2		
338S09	338S000901	0-1	12/6/94	Confirmation Sample
338S14	338S001401	0-1	12/5/94	Confirmation Sample
	338S001402	1-2	12/5/94	
338S15	338S001501	0-1	12/5/94	Confirmation Sample
	338S001502	1-2	12/5/94	
338S16	338S001601	0-1	12/5/94	Confirmation Sample
	338S001603	1-3	12/5/94	
	338S001604	3-4	12/5/94	
338S17	338S001701	0-1	12/6/94	Confirmation Sample
338S18	338S001801	0-1	12/12/94	Confirmation Sample
338S19	338S001901	0-1	12/12/94	Confirmation Sample
338S20	338S002001	0-1	12/12/94	Confirmation Sample
338S21	338S002101	0-1	12/12/94	Confirmation Sample

Note:
Soil surrounding locations 338S10, 338S11, 338S12, and 338S13 was removed by BEI.

Southern Legs

During the Phase I investigation of the southern legs of the IWTP sewer line, E/A&H advanced five soil borings, completing all as temporary monitoring wells. The soil sampling rationale differed from that presented in the final SAP. Before starting the field investigation, the Navy proposed to the Tier 1 Partnering Team to modify the soil sampling requirements along the force mains. Samples would instead be collected only in areas of documented releases from the sewer line and where the sewer line was above the water table. The change was suggested because of the inability to attribute soil contamination to the sewer line if there was no documented release. The Tier 1 Partnering Team agreed to the change. The modified soil sampling requirements are presented in Table 5-7.

Table 5-7
Site 36 Modified Sampling Locations and Rationale

Soil Boring/Monitoring Well Identification Number	Rationale
Southwest IWTP Force Main	
36S37/36GR37	Elbow joint, 200' interval; sewer line above the water table
36S38/36GR38	Elbow joint, 200' interval, contaminants identified in E&E's IDR; sewer line above the water table
36S39/36GR39	200' interval, contaminants identified in E&E's IDR; identified excavation and repair of IWTP line
36GR40	200' interval, contaminants identified in E&E's IDR; sewer line below water table
36S41/36GR41	200' interval, contaminants identified in E&E's IDR; identified excavation and repair of IWTP line in PWC maintenance records
36GR42	Elbow joint, 200' interval, contaminants identified in E&E's IDR; sewer line below water table
36GR43	Elbow joint; sewer line below water table

Table 5-7
Site 36 Modified Sampling Locations and Rationale

Soil Boring/Monitoring Well Identification Number	Rationale
36S44/36GR44	Joint, 200' interval, lift station, contaminants identified in E&E's IDR; identified repair of IWTP discharge line of lift station in PWC maintenance records
36GR45	Building connection, contaminants identified in E&E's IDR; sewer line below water table
36GR57	Upgradient of 36GR42 (36GR58)
36GR58	Replacement temporary monitoring well for 36GR42)
36GR59	Sidegradient of 36GR42 (36GR58)
36GR60	Downgradient of 36GR42 (36GR58)
36GR46	Elbow joint, lift station, contaminants identified in E&E's IDR; sewer line below water table
36GR47	Elbow joint, contaminants identified in E&E's IDR; sewer line below water table
36GR48	T-joint, contaminants identified in E&E's IDR; sewer line below water table
36GR49	Building connection, contaminants identified in E&E's IDR; sewer line below water table
36GS50 (ABB well)	T-joint, contaminants identified in E&E's IDR; sewer line below water table; existing ABB well sampled.
36GR51	Joint, lift station; sewer line below water table
36GR52	200' interval, contaminants identified in E&E's IDR; sewer line below water table
36GR54	Elbow joint, contaminants identified in E&E's IDR; sewer line below water table

Notes:
Sampling location 36GR53 was deleted because the area was included in the Site 38/Building 604 investigation completed by USEPA Environmental Services Division.
An existing monitoring well was sampled at location 36GS50.

Soil Sampling Methods

Soil samples were collected using methods described in Section 4 of the CSAP. When concrete was encountered, a concrete cutting bit lubricated with potable water was used to advance to underlying soil, where sampling began. Soil samples were retrieved using a 4-inch auger bucket attached to a stainless-steel hand auger. Boreholes converted to temporary monitoring wells were advanced to the appropriate depth using decontaminated 4.25-inch inside diameter (ID) hollow-stem augers. The following intervals were sampled at each boring location: 0 to 1 foot, 1 to 3 feet, 3 to 5 feet bls, etc., until the saturated zone was reached. Lithologic descriptions, time and depth of sample, and vapor concentrations were noted on boring logs. Additional samples were collected at or just below the water table if odor and/or visible contamination was noted. Soil aliquots for VOC analysis were collected immediately after retrieving the auger bucket to reduce degassing. Samples were directly collected from the sampler with little agitation using a stainless-steel spoon, and placed in clean 2-ounce soil jars with no headspace. The remaining sampler contents were removed to a stainless-steel bowl, homogenized, and collected in two clean 4-ounce jars.

Sample Frequency

After the removal actions, 27 soil borings remained excluding the verification samples for the removal actions. All samples were processed for TAL/TCL analysis. Soil sample identification numbers are outlined in Tables 5-3, 5-4, and 5-6 along with the dates in which the sample was extracted. The water table varied in depth from 1 to 9 feet bls across the site. Borings were advanced to between 2 to 9 feet bls across the site for soil characterization above the water table. Sampling interval lithologies for Site 36 are described in Section 6, Table 6-1. At the six removal locations, confirmation samples were collected at 37 locations.

5.3 Groundwater Sampling

In the Chevalier Field area, monitoring well locations were focused on manholes, joints, and turning points of the gravity-fed portions of the IWTP sewer line. Along the force mains

(southern legs), temporary monitoring wells were installed at 200-foot intervals, where maintenance records indicated a failure had occurred, or when the sewer line had an elbow. The sampling locations are shown on Figure 5-3 and the rationale is presented in Table 5-2. Phase II monitoring wells were focused on PRG exceedances at 36GR42 and 36GMW35. At 36GR42, temporary monitoring wells were installed upgradient (36GR57), sidegradient (36GR59), and downgradient (36GR60) of the well. Because 36GR42 had been abandoned and 36GR43 had a broken cap, temporary monitoring wells were installed to replace the wells. Monitoring well 36GR42 retained its identification number, while 36GR42 was reassigned as monitoring well 36GR58. At 36GMW35, ABB had recently installed a permanent monitoring well upgradient of 36GMW35, therefore it was sampled for this investigation, and designated as 36GABB1.

Sidegradient (36GR55) and downgradient (36GR56) temporary monitoring wells were installed and sampled.

Fifty-seven monitoring wells were sampled: 45 E/A&H wells and 12 ABB wells. A previously installed ABB monitoring well was near proposed monitoring well location 36GR50, therefore it was used instead of installing another well. The monitoring well was renamed 36GS50 for this investigation.

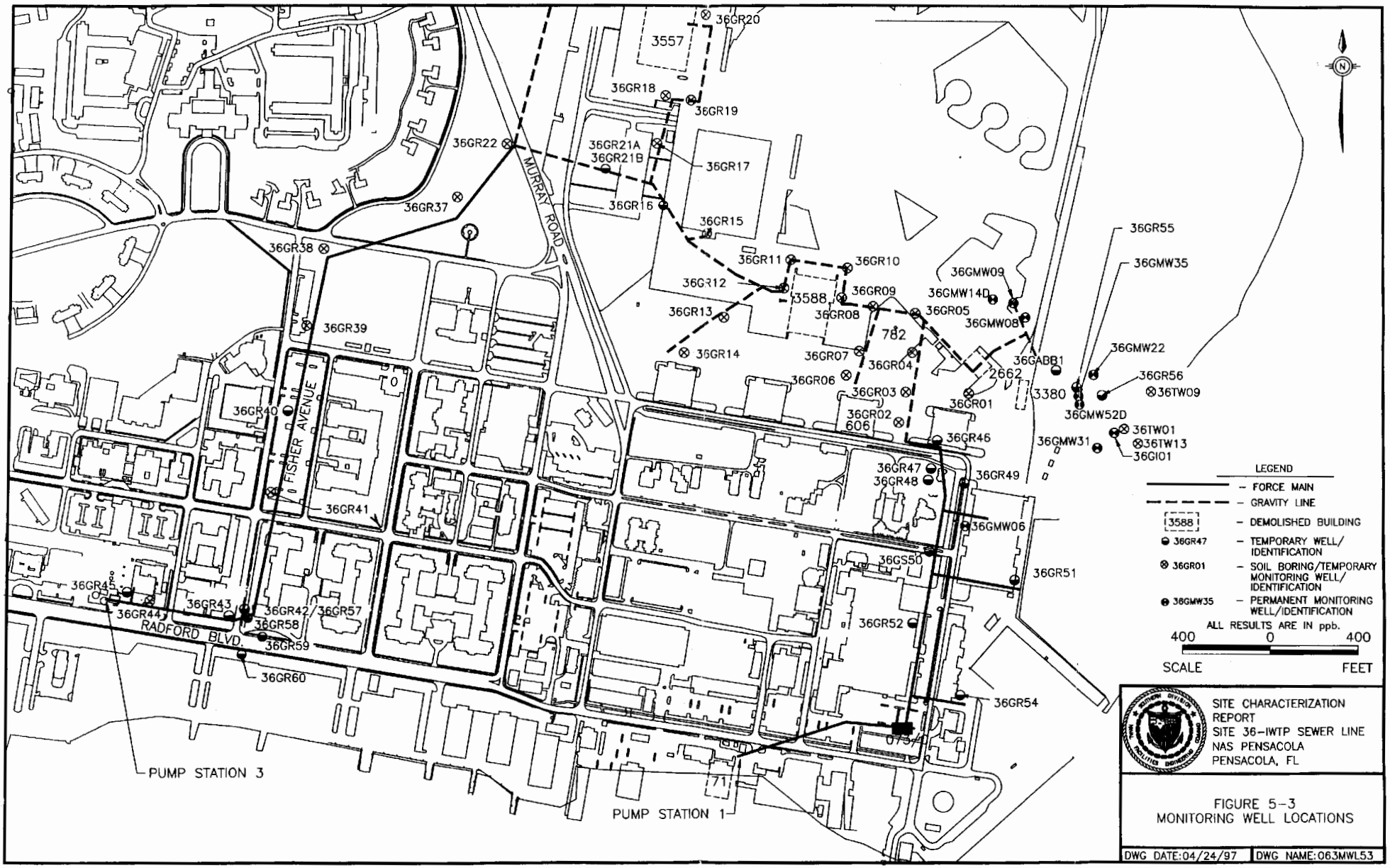
Temporary Monitoring Well Installation

Forty-four temporary monitoring wells were installed at the site (Figure 5-3). Following collection of all appropriate soil samples, boreholes were advanced using hollow-stem auger techniques with decontaminated 4.25-inch ID hollow-stem augers. Monitoring well 36GR52 was installed by hand auger to 6.76 feet bls because the drill rig could not gain access due to overhead power lines. During temporary well construction, boreholes were advanced deep enough for the screened interval to bracket the water table. Each well was constructed of flush-threaded, 2-inch diameter Schedule 40 PVC casing, terminating with a 10-foot length of 0.01-inch, factory-slotted well screen. At the appropriate depth, the screen/riser assembly with

security cap was placed inside the auger and 20/30 silica sand was used to fill the annular space between the well assembly and borehole. The sand filter pack was installed through a tremie pipe to approximately 2 feet above the top of the screen. Risers on these wells were terminated at either ground surface due to the high traffic within the site area or with approximately 2 feet of stickup around less traveled areas. Temporary monitoring well locations for Site 36 are shown on Figure 5-1. No cement surface seals or protective casings were installed at temporary well locations. The open end of each PVC well riser was, however, secured with a locked well cap. A 6-inch bentonite seal was placed around the top of each well riser to prevent infiltration of surface runoff through the borehole. The seal was constructed by scooping out about 6 inches of fill around each riser, filling the void with bentonite pellets, and hydrating with about 5 gallons of deionized water. During drilling activities, all pertinent information was recorded in site logbooks and on boring logs. The latter are provided in Appendix G. Table 5-8 lists construction details for Site 36 temporary monitoring wells.

Permanent Monitoring Well Installation

One soil boring completed on Site 36 was converted into a permanent monitoring well (Figure 5-3). The borehole was advanced using hollow-stem auger techniques with decontaminated, 4.25-inch, ID hollow-stem augers. During permanent well construction, the borehole was advanced deep enough for the screened interval to be above the confining unit. The well was constructed of flush-threaded, 2-inch diameter Schedule 40 PVC casing, terminating with a 10-foot length of 0.01-inch, factory-slotted well screen. At the appropriate depth, the screen/riser assembly with security cap was placed inside the auger and 20/30 silica sand was used to fill the annular space between the well assembly and borehole. The sand filter pack was installed through a tremie pipe to approximately 2 feet above the top of the screen. The riser was terminated at approximately 2 feet above the land surface. A cement surface seal, protective casing, and bumper posts were installed. The permanent monitoring well is shown on Figure 5-3. During drilling activities, all pertinent information was recorded in site logbooks and on boring logs. The latter are provided in Appendix G. Table 5-8 lists construction details for the Site 36 permanent monitoring well.


36GR20
3557
36GR18
36GR19
36GR22
36GR21A
36GR21B
36GR17
36GR16
36GR15
36GR37
36GR38
MURRAY ROAD
36GR11
36GR10
36GR12
3588
36GR09
36GR08
36GR13
36GR14
36GR07
36GR04
36GR06
36GR03
36GR02
606
782
36GR05
36GR01
36GR46
36GR47
36GR48
36GR49
36GMW09
36GMW14D
36GMW08
36GABB1
2662
3380
36GR55
36GMW35
36GMW22
36GR56
36TW09
36GMW52D
36TW01
36TW13
36GI01
36GMW31
36GR39
36GR40
FISHER AVENUE
36GR41
36GMW06
36GS50
36GR51
36GR52
36GR54
36GR45
36GR44
36GR43
36GR42/36GR57
36GR58
36GR59
36GR60
RADFORD BLVD.
PUMP STATION 3
PUMP STATION 1
LEGEND
– FORCE MAIN
– GRAVITY LINE
3588 – DEMOLISHED BUILDING
36GR47 – TEMPORARY WELL/ IDENTIFICATION
36GR01 – SOIL BORING/TEMPORARY MONITORING WELL/ IDENTIFICATION
36GMW35 – PERMANENT MONITORING WELL/IDENTIFICATION
ALL RESULTS ARE IN ppb.
400 0 400
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 5–3
MONITORING WELL LOCATIONS
DWG DATE:04/24/97
DWG NAME:063MWL53

Existing Monitoring Wells

Twelve monitoring wells (nine permanent and three temporary) installed by ABB in the site area were sampled along with the other monitoring wells. Table 5-8 lists construction details for Site 36 permanent monitoring wells.

Table 5-8
Construction Details for Site 36 Monitoring Wells

Well No.	Surface Elev. (ft msl)	TOC* Elev. (ft msl)	Total Depth (ft/bls)	Screened Interval (ft/bls)	Depth to Water (ft/btoc)	GW Elev. (ft msl)
36GR01	5.02	5.08	11.2	.7-10.7	3.05	2.03
36GR02	7.78	8.07	13	2.5-12.5	5.84	2.23
36GR03	7.6	7.48	12	1.5-11.5	4.66	2.82
36GR04	7.17	7.11	11.5	1-11	4.62	2.49
36GR05	5.48	5.38	11.5	1-11	2.72	2.66
36GR06	8.06	8.06	12.5	2-12	5.31	2.75
36GR07	7.33	7.41	12.3	1.7-11.7	4.56	2.85
36GR08	7.02	7.02	12.2	1.7-11.7	4.16	2.86
36GR09	9.54	9.85	14	3.5-13.5	6.85	3.00
36GR10	9.19	9.01	14	3.5-13.5	6.86	2.15
36GR11	9.29	9.42	14.5	4-14	5.99	3.43
36GR12	9.87	9.81	13	2.5-12.5	6.49	3.32
36GR13	7.56	7.56	12.5	2-12	4.15	3.41
36GR14	8.38	8.74	13	2.5-12.5	5.36	3.38
36GR15	9.12	9.06	13.8	3.3-13.3	5.51	3.55
36GR16	7.59	10.12	12.5	2-12	6.67	3.45
36GR17	7.09	7.98	12.5	2-12	4.8	3.18
36GR18	7.56	7.92	11.7	1.2-11.2	4.82	3.10
36GR19	7.33	7.28	11.8	1.3-11.3	4.21	3.07

Table 5-8
Construction Details for Site 36 Monitoring Wells

Well No.	Surface Elev. (ft msl)	TOC* Elev. (ft msl)	Total Depth (ft/bls)	Screened Interval (ft/bls)	Depth to Water (ft/btoc)	GW Elev. (ft msl)
36GR20	8.97	8.88	14.3	8.8-13.8	3.16	5.72
36GR21A	5.41	6.53	12	1.5-11.5	3.16	3.37
36GR21B	5.41	6.58	12	6.5-11.5	3.21	3.37
36GR22	3.98	6.94	12.5	2-12	4.11	2.83
36GI01[a]	4.95	7.30	30	20-30	5.54	1.76
MW-06	4.73	4.51	11.76	6.76-11.76	2.45	2.06
MW-08	4.27	4.05	11.75	6.75-11.75	2.94	1.11
MW-31[b]	3.32	6.71	5.5	0.5-5.5	5.10	1.61
MW-35[b]	3.65	3.32	11.5	1.5-11.5	1.36	1.96
MW-14[b]	4.33	3.93	25.00	20.00-25.00	1.42	2.51
MW-52[b]	3.89	3.64	35.00	30.00-35.00	1.93	1.71
TW01[b]	2.69	5.76	5.00	0.00-5.00	1.00	4.76
TW09[b]	3.13	4.92	6.00	1.00-6.00	2.00	2.92
TW13[b]	3.14	4.87	6.00	1.00-6.00	2.50	2.37
36GR37	7.13	9.16	13	3-13	4.66	4.50
36GR38	16.02	18.06	14	4-14	11.93	6.13
36GR39	11.70	13.73	13.5	3.5-13.5	8.66	5.07
36GR40	10.57	10.61	15	4.75-14.75	5.54	5.07
36GR41	10.04	12.05	13	3-13	7.22	4.83
36GR42	9.81	9.78	13.5	3.5-13.5	6.94	2.84
36GR43	9.64	11.08	13	3-13	8.35	2.73
36GR44	9.76	11.69	14	4-14	8.71	2.98
36GR45	9.12	11.45	13	3-13	8.36	3.09
36GR46	5.51	7.52	13	3-13	5.02	2.50

Table 5-8
Construction Details for Site 36 Monitoring Wells

Well No.	Surface Elev. (ft msl)	TOC* Elev. (ft msl)	Total Depth (ft/bls)	Screened Interval (ft/bls)	Depth to Water (ft/btoc)	GW Elev. (ft msl)
36GR47	5.09	7.09	13	3-13	4.94	2.15
36GR48	5.07	6.85	13	3-13	4.84	2.01
36GR49	5.16	5.97	6	1-6	4.23	1.74
36GS50 (ABB)	5.65	5.51	15	5-15	4.15	1.36
36GR51	7.74	7.70	14	4-14	7.81	-0.11
36GR52	7.53	7.22	14	4-14	6.31	0.91
36GR54	8.27	9.80	13	3-13	10.69	-0.89
36GR55	6.08	NA	5	0-5	3.68	NA
36GR56	6.29	NA	5	0-5	4.29	NA
36GABB1	6.94	NA	NA	NA	NA	NA
36GR57	10.01	NA	8.5	3.5-8.5	7.5	NA
36GR58 (36GR42)	9.76	NA	7.5	2.5-7.5	7.0	NA
36GR59	9.20	NA	7.5	2.5-7.5	7.0	NA
36GR60	8.84	NA	7.5	2.5-7.5	7.0	NA

Notes:

* — Mean sea level (North American Datum '89)
a — Permanent monitoring well
b — Information from ABB *Contamination Assessment Report Site 2662W* (1994a).
NA — Not available
TOC — Top of casing
btoc — Below top of casing

Depths to water on Chevalier Field wells (36GR01-36GR22) were measured on 5/31/95.
Depths to water on southern two legs of IWTP sewer line wells were measured on 4/02/96.

Monitoring Well Development

After the monitoring wells were installed, they were developed, purged, and the groundwater sampled. All site area wells were developed within days after installation. A 3.5-horsepower centrifugal pump/decontaminated 0.75-inch PVC hose and footvalve assembly were used to develop the wells. The development hose was carefully inserted in the well to about midscreen level, and the pump started at low speed. Development continued until turbidity, conductivity, pH, and temperature stabilized. In many cases, to achieve lower turbidity, development continued after the other parameters had stabilized. Once turbidity had stabilized with a reading under 20 nephelometric turbidity units (NTUs), the well was considered developed. On average, 40 gallons of groundwater were pumped from each temporary well during development.

Groundwater Sampling Methods

Temporary and permanent monitoring wells were purged and sampled using a "quiescent" sampling method. Before monitoring well purging, 2-mil plastic sheeting was laid on the ground around the well to be sampled and equipment was set up. The well cap was removed and a PID reading recorded. The water level was measured and compared to total depth to calculate the appropriate purge volume.

Groundwater was purged from the temporary monitoring wells at a slow, controlled rate using a peristaltic pump and Teflon tubing. The pumping rate varied from 0.04 to 0.25 gallons per minute. The depth of the inserted Teflon purge tubing was adjusted inside the well in order to draw groundwater from the upper 6 inches of the water column. Temperature, conductivity, pH, turbidity, and purge volume were monitored and recorded. Purging continued until at least three well volumes were obtained and terminated when field parameters and turbidity stabilized to within $\pm$ 10% over three consecutive readings. If high turbidity was encountered, additional water was purged until turbidity fell within acceptable limits (20 NTUs or less). Groundwater samples were collected immediately after wells were purged. Using the dedicated Teflon tubing, groundwater was collected under a low vacuum pressure via an in-line collection and transfer

device. This device consists of a decontaminated, two-aperture Teflon transfer cap, attached to a 300 series, laboratory-certified, 80 oz. glass jug ("transfer bottle"). The Teflon purge tubing was disconnected from the peristaltic pump and inserted into one aperture, while a 10-inch piece of decontaminated Teflon tubing was inserted into the second aperture. This 10-inch stem was then reconnected to the peristaltic pump. The transfer cap and aperture fittings were adjusted to minimize air leaks, and the peristaltic pump was restarted. It took approximately two to three minutes for the pump to evacuate the air from the transfer bottle before it began to slowly fill. When the transfer bottle was filled, the pump was shut off, the transfer cap removed, and the sample was carefully decanted into the appropriate sample bottles. The order of sampling from the transfer bottle was metals, cyanide, and SVOCs/pesticides/PCBs. VOC samples were collected directly from the Teflon purge tubing. Water was run through the tubing until its volume was filled. The tubing was then disconnected from the peristaltic pump and unagitated groundwater was allowed to flow backward into 40-milliliter volatile organic analysis vials. Existing monitoring wells were purged and sampled in the same manner as the temporary wells. Table 5-9 outlines Site 36 groundwater samples and analytical parameters.

Phase II Groundwater Sampling

Due to MCL exceedances in select temporary monitoring wells, various monitoring wells were resampled for confirmation in December 1994, September 1996, and December 1996. The monitoring wells that were sampled and the sampling dates are presented in Table 5-9 and discussed below.

Monitoring wells 36GR01, 36GR03, 36GR12, and 36GR13 were resampled for metals. Monitoring well 36GR14 was resampled for volatiles and metals, and 36GR15 was resampled for volatiles.

At 36GMW35, ABB had recently installed a permanent monitoring well upgradient of 36GMW35, therefore it was sampled for this investigation. It is designated 36GABB1.

Sidegradient (36GR55) and downgradient (36GR56) temporary monitoring wells were installed and sampled. These monitoring wells were sampled in September 1996 and the samples were analyzed for low-concentration VOCs only. The resampling and additional delineation sampling results are discussed in Section 7 of this document.

At 36GR42, additional temporary monitoring wells were installed upgradient (36GR57), sidegradient (36GR59), and downgradient (36GR60) of the well. Because 36GR42 had been abandoned and 36GR43 had a broken cap, temporary monitoring wells were installed to replace these wells. Monitoring well 36GR43 retained its identification number, while 36GR42 was reassigned as monitoring well 36GR58. These monitoring wells were sampled in December 1996 and were analyzed for metals only.

Table 5-9
Site 36 Phase I and II Groundwater Samples

Well Number	Sample Number	Date Sampled	Analysis
36GR01	036G000100	5/5/94	Full Scan
	036GR00102[a]	12/8/94	TAL Metals
36GR02	036G000200	5/5/94	Full Scan
36GR03	036G000300	5/5/94	Full Scan
	036G000302[a]	12/8/94	TAL Metals
36GR04	036G000400	5/5/94	Full Scan
36GR05	036G000500	5/5/94	Full Scan
36GR06	036G000600	5/4/94	Full Scan
36GR07	036G000700	5/4/94	Full Scan
36GR08	036G000800	5/4/94	Full Scan
36GR09	036G000900	5/4/94	Full Scan
36GR10	036G001000	5/3/94	Full Scan
36GR11	036G0011000	5/3/94	Full Scan

Table 5-9
Site 36 Phase I and II Groundwater Samples

Well Number	Sample Number	Date Sampled	Analysis
36GR12	036G001200	5/3/94	Full Scan
	036G001202[a]	12/8/94	TAL Metals
36GR13	036G001300	5/10/94	Full Scan
	036G001302[a]	12/8/94	TAL Metals
36GR14	036G001400	5/10/94	Full Scan
	036G001402[a]	12/8/94	TAL Metals and TCL VOCs
36GR15	036G001500	5/3/94	Full Scan
	036G001502[a]	12/8/94	TCL VOCs
36GR16	036G001600	5/2/94	Full Scan
36GR17	036G001700	5/2/94	Full Scan
36GR18	036G001800	5/2/94	Full Scan
36GR19	036G001900	5/2/94	Full Scan
36GR20	036G002000	5/2/94	Full Scan
36GR21	036G002100	5/2/94	Full Scan
36GR22	036G002200	4/29/94	Full Scan
36GI01	036GI00100	5/10/94	Full Scan
36MW06	036GMW0600	4/28/94	Full Scan
36MW08	036GMW0800	4/28/94	Full Scan
36GMW31	036G003100	4/29/94	Full Scan
36GMW35	036G003500	4/29/94	Full Scan
36GIMW14	036GI01400	4/28/94	Full Scan
36GIMW52	036GI05200	4/29/94	Full Scan
36GTW01	036GTW0100	4/28/94	Full Scan
36GTW09	036GTW0900	4/28/94	Full Scan
36GTW13	036GTW1300	4/28/94	Full Scan

Table 5-9
Site 36 Phase I and II Groundwater Samples

Well Number	Sample Number	Date Sampled	Analysis
36GR37	036GGR3701	1/5/96	Full Scan
36GR38	036GGR3801	1/4/96	Full Scan
36GR39	036GGR3901	1/9/96	Full Scan
36GR40	036GGR4001	1/5/96	Full Scan
36GR41	036GGR4101	1/4/96	Full Scan
36GR42	036GGR4201	1/5/96	Full Scan
36GR43	036GGR4301 036GGR4302*	1/9/96 12/2/96	Full Scan Metals
36GR44	036GGR4401	1/5/96	Full Scan
36GR45	036GGR4501	1/5/96	Full Scan
36GR46	036GGR4601	1/8/96	Full Scan
36GR47	036GGR4701	1/8/96	Full Scan
36GR48	036GGR4801	1/8/96	Full Scan
36GR49	036GGR4901	1/8/96	Full Scan
36GS50	036GGS5001	1/8/96	Full Scan
36GR51	036GGR5101	1/8/96	Full Scan
36GR52	036GGR5201	1/10/96	Full Scan
36GR54	036GGR5401	1/10/96	Full Scan
36GR55	036GGR5501	9/27/96	Low Conc. VOCs
36GR56	036GGR5601	9/27/96	Low Conc. VOCs
36GABB1	036ABB101	9/27/96	Low Conc. VOCs
36GR57	036GGR5701	12/2/96	Metals
36GR58 (036GR42)	036GGR5801	12/2/96	Metals

Table 5-9
Site 36 Phase I and II Groundwater Samples

Well Number	Sample Number	Date Sampled	Analysis
36GR59	036GGR5901	12/2/96	Metals
36GR60	036GGR6001	12/2/96	Metals

Notes:
a — Resampling data are used in the Nature and Extent discussion (Section 7).
Full Scan — TAL metals, TCL VOCs, TCL SVOCs, and TCL pesticides/PCBs.

Monitoring Well Abandonment

All temporary and permanent monitoring wells within the Chevalier Field area were abandoned March 2 and 3, 1994, to facilitate ongoing BRAC demolition and construction within the site area. Monitoring wells were abandoned by a permitted, certified well contractor in accordance with Northwest Florida Water Management District guidelines.

5.4 Fieldwork and Sampling Protocols

All sampling activities were conducted in accordance with the U.S. Navy-, FDEP- and USEPA-approved SAPs for Site 36; the CSAP, and the USEPA Region IV Standard Operations Procedures and Quality Assurance Manual (SOP/QAM; USEPA, 1991). Where warranted by field conditions, deviations from the approved procedures were carried out and appropriately documented in accordance with the SOP/QAM. Specific sampling procedures varied with each task and were detailed in Sections 5.2 and 5.3.

Sample Handling

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

correctly label each sample as it was collected, and to document all necessary sampling information. If necessary, the appropriate protocols were reviewed before each sampling event. Aqueous samples were preserved with the correct chemical preservatives as soon as collected, and all samples were placed in a chilled environment until packaged for shipment.

Quality Assurance/Quality Control Samples

Quality assurance/quality control (QA/QC) samples were collected to monitor the quality of field and laboratory procedures. These samples tested the levels of reproducibility attainable in the sampling and analytical process, quality of equipment decontamination, quality of source waters and materials, sample exposure to ambient contamination during handling, and level of laboratory precision. QA samples were analyzed for the same contamination assessment parameters as the environmental samples.

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

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

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

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

- One field blank was collected per sampling event (or one per week) per sampled medium. Field blanks were collected from the potable water and reagent-grade water.

- Matrix spike/matrix spike duplicate (MS/MSD) samples were collected at a frequency of one per every 20 for each sampling medium.

Sample Containers and Preservation

All laboratory-provided containers were precleaned and certified. Table 5-10 lists the sample containers, sample medium, and analyses for which they were used.

Chain of Custody

To preserve the integrity of the sample-transfer process, strict chain-of-custody (COC) procedures were followed for all samples collected. Proper COC was initiated in the field for each sampling event and carried out through custody transfer to the contracted laboratory. A COC form was completed for each shipping cooler. The COC form itemized each sample number, the date/time of collection, the sample medium, type and size of container, type of preservation (temperature and/or chemical), number of containers, and analysis required. Custody transfer information included the name of the person relinquishing the samples, date and time of relinquishing, reason for relinquishing, method of shipment, and shipping number. Pertinent information was included in the remarks section on the COC form as required.

Sample Packing and Shipment

All samples were carefully packed in accordance with the SOP/QAM and the CSAP. Each sample container was labeled with the correct sample number, date/time of collection, and sampler's name. Container lids were sealed with a custody seal, and each container was bubble-wrapped and sealed in a resealable plastic bag. Sturdy 48- or 54-quart coolers lined with heavy-duty plastic bags were used for shipping containers. An inch of bubble wrap padding was added to the bottom of each cooler. Drains on the coolers were taped shut inside and out. Containers were carefully arranged in the cooler to allow ice and packing materials to be placed around them. Containers were not allowed to touch. Enough double-bagged ice was packed in between and around the containers to maintain sample temperatures at or below 4° C, and voids were

Table 5-10
Sample Containers and Preservation Per Medium and Analysis

Medium	Analysis	Sample Container	Preservative
Chevalier Field Phase I Sampling			
Soil	TAL/TCL	4-oz glass jars (3)	4°C
Groundwater	TCL VOCs	40-ml glass vials (3)	4°C — HCL (pH<2)
	TCL SVOCs TCL Pesticides/PCBs	1-liter amber bottle (3)	4°C
	TAL Metals	500-ml polyethylene (1)	4°C — HNO_3 (pH<2)
	Cyanide	1-liter polyethylene (1)	3°C — NaOH (pH>12)
Building 3380 Phase I Sampling			
Soil	TAL/TCL	4-oz glass jars (3)	4°C
Building 3380 Verification Sampling			
Soil	TAL/TCL except for pesticides	4-oz glass jars (2) 8-oz glass jars (1)	4°C
BRAC Verification Sampling			
Soil	TAL/TCL	4-oz glass jar (1) 8-oz glass jar (2)	4°C
Groundwater Resampling — Chevalier Field Area Phase II			
Groundwater	TAL Metals	1-liter polyethylene	4°C — HNO_3 (pH<2)
	TCL VOCs	40-ml glass vials (3)	4°C — HCL (pH<2)

Table 5-10
Sample Containers and Preservation Per Medium and Analysis

Medium	Analysis	Sample Container	Preservative
		Southern Legs Phase I Sampling	
Soil	TAL/TCL	2-oz glass jars (2) 4-oz glass jars (2)	4°C
Groundwater	TCL VOCs	40-ml glass vial (3)	4°C — HCL (pH<2)
	TCL SVOCs TCL Pesticides/PCBs	1-liter amber bottle (3)	4°C
	TAL Metals	500-ml polyethylene bottle (1)	4°C — HNO_3 (pH<2)
	Cyanide	500-ml polyethylene bottle (1)	4°C — NaOH (pH>12)
		Phase II of 36GMW35 Area	
Groundwater	Low Conc. VOCs	40-ml glass vial (3)	4°C — HCL (pH<2)
		Phase II of 36GR42 Area	
Groundwater	Metals	500-ml polyethylene bottle (1)	4°C — HNO_3 (pH<2)

Notes:
HNO_3 — Nitric acid
HCL — Hydrochloric acid
NaOH — Sodium hydroxide

filled with styrofoam packing. A temperature blank or temperature strip was included in eachcooler. Once packed, the plastic bag was sealed, the COC form was placed in the cooler, and the cooler was closed and sealed. Each cooler was tightly taped with strapping tape and sealed with custody seals, appropriately addressed, and shipped for overnight delivery.

Field Data

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

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

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

Decontamination

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

- Wash and scrub with a laboratory-grade detergent and clean water wash solution.
- Rinse with clean water.
- Rinse with American Society for Testing and Materials (ASTM) Type III water.
- Rinse twice with pesticide-grade isopropanol.
- Rinse with ASTM Type III water.
- Air dry.

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

Investigation-Derived Wastes

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

5.5 Site Area Land Survey

E/A&H personnel surveyed Site 36 using Global Positioning System (GPS) surveying equipment. All temporary monitoring well and soil boring locations were surveyed using this technique. At boring locations, position and ground surface elevation were surveyed. At well locations, position, ground surface elevation, and top of casing elevation were surveyed. These data were used to produce accurate maps of all sampling locations within the site area.

During BRAC construction activities, various amounts of fill were placed across the Chevalier Field area to raise the ground surface elevation. This was required to bring the finished floor elevation of various buildings under construction to 10 feet msl. At select monitoring wells and soil borings, the ground surface elevation was surveyed after the construction activities to determine how much fill had been placed over the area. It was determined that the fill thickness ranged from 0.43 foot (36GR12) to 2.81 feet (36S27). The data are summarized in Table 5-11, and are used in Section 7 to describe the current site conditions.

Table 5-11
Amount of Fill Material

Sampling Location ID	Ground Surface Elevation Before Construction (feet msl)	Ground Surface Elevation After Construction (feet msl)	Thickness of Fill (feet)
36S11/36GR11	9.29	10.1	0.81
36S12/36GR12	9.87	10.3	0.43
36S17/36GR17	7.09	8.9	1.81
36S25	5.06	7.2	2.14
36S26	3.46	5.5	2.04
36S27	2.99	5.8	2.81
36S31	3.65	5.4	1.75
36S32	3.44	5.7	2.26

5.6 Site Area Hydrologic Investigation

A hydrologic investigation was conducted across Site 36. Water levels measured across the site were normalized to elevation data gathered during the GPS survey. These data were used to develop a map of the potentiometric surface across Chevalier Field, and analyze the flow direction, gradient, and velocity of groundwater across the site. The site area's hydrology is detailed in Section 6 of this report.

6.0 GEOLOGIC AND HYDROLOGIC RESULTS

6.1 Site Hydrogeological Setting

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

6.2 Water Level Elevations and Potentiometric Results

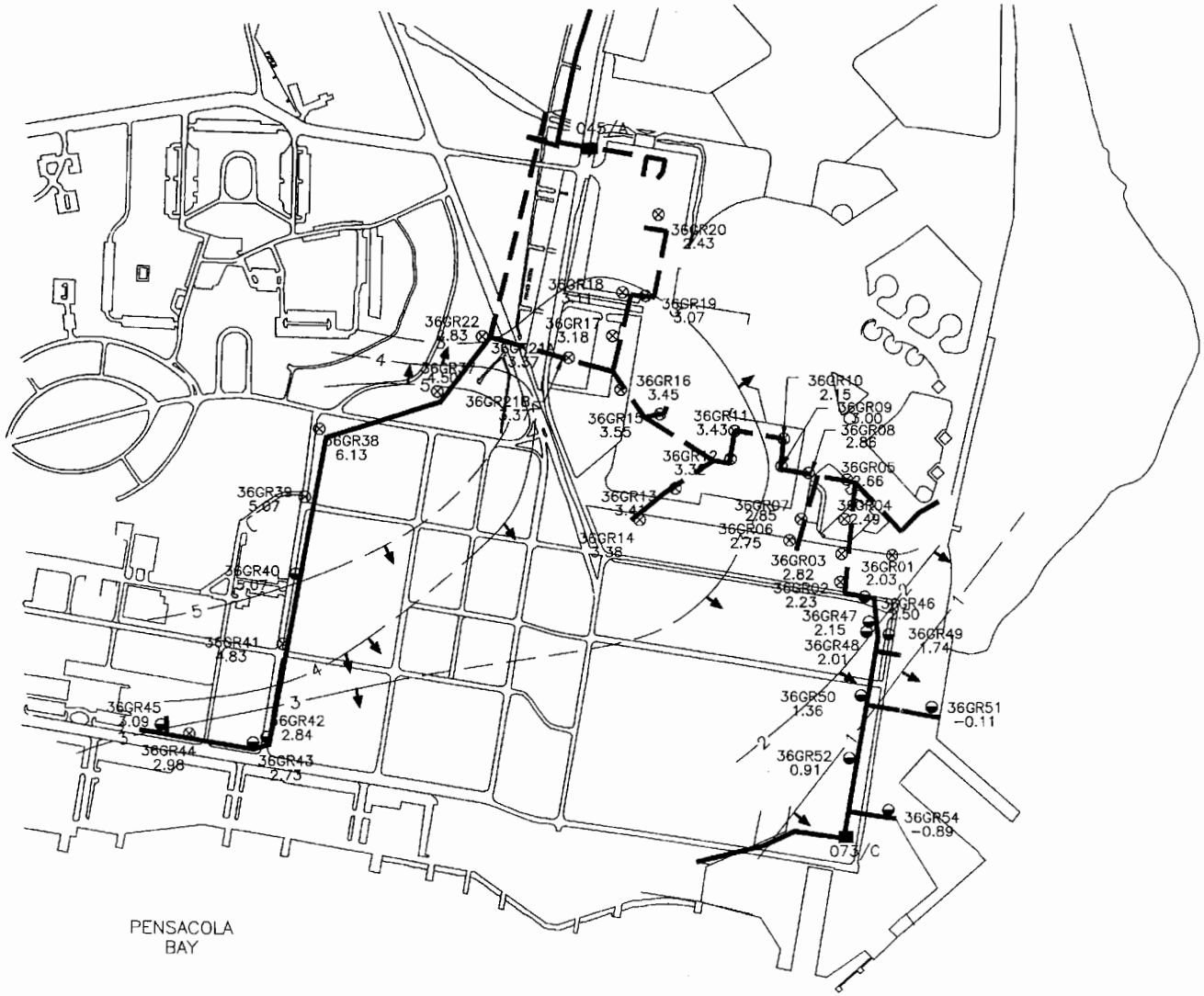
Water levels were measured from all monitoring wells installed at Site 36 to assess the potentiometric surface for the site area. Groundwater elevations for each well used in the site hydrologic investigation, along with other relevant monitoring well information, are listed in Section 5.

Table 6-1
Generalized Soil Boring Sample Interval Lithology

Sample Interval (ft/bls)	Lithology
0-1	White-to-tan-to-dark brown, reddish, gray, fine- to medium-grained quartz sand, mixed with sandy loam, loamy soil, clayey silt, organics, rock fragments, gravel, oyster shell, debris, and asphaltic slag.
1-3	White-to-tan-to-dark brown, red-to-orange, gray mottled, fine- to medium-grained quartz sand, mixed with limonite, gravel, rock fragments, and clay fragments.
3-5	White-to-tan-to-dark brown, fine- to medium-grained quartz sand.
Screened Interval (well locations)	Tan-to-brown, light-to-dark gray, silty, fine- to medium-grained quartz sand.

Groundwater elevation varied from roughly 0.91 feet msl in the southeastern portion of the site area to 6.13 feet msl along the northwestern portions of the site area. This highest-to-lowest groundwater elevation drop occurs across an approximate 1,200-foot horizontal distance, depending on the reference point within the site area. Groundwater elevations generally indicate from the west central portion of the site, flow radiates out to the northeast, east, and southeast in a radial fashion in the uppermost part of the surficial zone of the Sand-and-Gravel Aquifer. This finding is verified by earlier studies, which state that horizontal movement of groundwater in the surficial sand generally mimics topography (G&M, 1984). Figure 6-1 displays the shallow potentiometric surface for Site 36.

The horizontal hydraulic gradient across most of remaining portions of the site area (northwest to northeast and southeast) averages about .002 feet/foot along the predominant flow directions across the site. To the east the horizontal hydraulic gradient averages about 0.001 feet/foot.



LEGEND

FORCE MAIN

GRAVITY LINE

GROUNDWATER FLOW DIRECTION

36GR47 — WELL IDENTIFICATION
2.15 — GROUNDWATER ELEVATION

* NOTE: THE IWTP SEWER LINE NORTH OF 045/A IS BEING INVESTIGATED AS PART OF SITE 30. THE IWTP SEWER LINE SOUTH OF 073/C IS BEING INVESTIGATED AS PART OF SITE 38.

* NOTE: WATER LEVELS FOR CHEVALIER FIELD WERE OBTAINED ON 5/31/94. WATER LEVELS FOR THE TWO SOUTHERN LEGS WERE OBTAINED ON 4/2/96.

600 0 600
SCALE FEET

SITE
CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL

FIGURE 6–1
SHALLOW SURFICIAL
POTENTIOMETRIC SURFACE

DWG DATE:04/24/97 | DWG NAME:63S36WL2

Average transmissivity and hydraulic conductivity data were calculated for the shallow and intermediate portions of the surficial aquifer during the field investigation conducted for NAS Pensacola's Operable Unit (OU) 10 and Site 13. Given the proximity of these sites and the lithologic similarity of the screened intervals, this information is extrapolative for use on Site 36. The geometric mean of the hydraulic conductivity for the shallow wells at OU 10 was calculated at 44.0 ft/day (E/A&H, 1996d).

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

$$V = Ki/n_e$$

Where:

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

An effective porosity of 0.25 was estimated for unconsolidated sand from Heath (1989). From the west central portion of the site, flow radiates out to the NE, E, and SE in a radial fashion. Groundwater flows to the northeast at a calculated velocity of 0.352 feet/day (ft/day), to the southeast at a calculated velocity of 0.352 ft/day, and east at a calculated velocity of 0.176 ft/day.

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7.0 NATURE AND EXTENT OF CONTAMINATION

The nature and extent of contamination at Site 36 are discussed by media onsite. Analytical results in this section represent conditions remaining after the removal actions were completed. Appendix H contains the analytical database summary for the soil samples representing existing conditions after the removal actions. Appendix I contains the analytical database summary for the groundwater samples, and Appendix J contains the analytical database summary for the selected monitoring well resampling. The sampling approach, methods, and sample locations for this investigation were discussed in Section 5 of this report.

This report presents comparisons of detected contaminants to inorganic reference concentrations and organic and inorganic surface and subsurface PRGs. Surface soil is compared to surface soil criteria for residential soil, and subsurface soil is compared to leachability levels. All inorganic parameters are compared to NAS Pensacola reference concentrations. The following updated general and site-specific subsurface soil PRGs were used for the comparison:

- RBCs for residential soil ingestion (surface soil) and soil screening levels transfers from soil to groundwater (USEPA, 1996a).

- Soil Cleanup Goals for Florida, Residential (Surface Soil) and Leaching (Subsurface Soil [FDEP, 1995]).

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

- Reference Concentrations for NAS Pensacola presented in the Site 1 Remedial Investigation report (E/A&H, 1996c).

The figures within this section illustrate the distribution of inorganic and organic contamination for current site conditions as compared to the PRGs and reference concentrations.

7.1 Soil Contamination Assessment

7.1.1 Inorganics

Surface Soil

Figure 7-1 diagrams soil inorganics exceeding PRGs for Site 36 after the soil removals were performed and in undisturbed areas. Arsenic exceeded its surface soil PRG (0.43 ppm) and reference concentration (1.56 ppm) at 36S14 (1.9 ppm) and 36S17 (2.1 ppm). Total chromium exceeded the hexavalent chromium PRG (39 ppm) but is below the trivalent chromium PRG (6,600 ppm) at 36S17 (59.4 ppm). Iron exceeded its surface soil PRG (2,300 ppm) and reference concentration (2,745 ppm) at 36S14 (4,830 ppm), 36S17 (6,000 ppm), and 36S44 (4,360 ppm). Table 7-1 lists inorganic exceedances in soil.

Subsurface Soil

The barium leachability PRG (32 ppm) and reference concentration (4.63 ppm) were exceeded at 2 feet deep on the north (306 ppm), west (66.6 ppm) and south (277 ppm) sides of Excavation A and at 4 feet deep on the south (38.6 ppm) side of Excavation D. Total chromium exceeded the hexavalent chromium leachability PRG (19 ppm) at 3 feet deep at 36S23 (24.9 ppm).

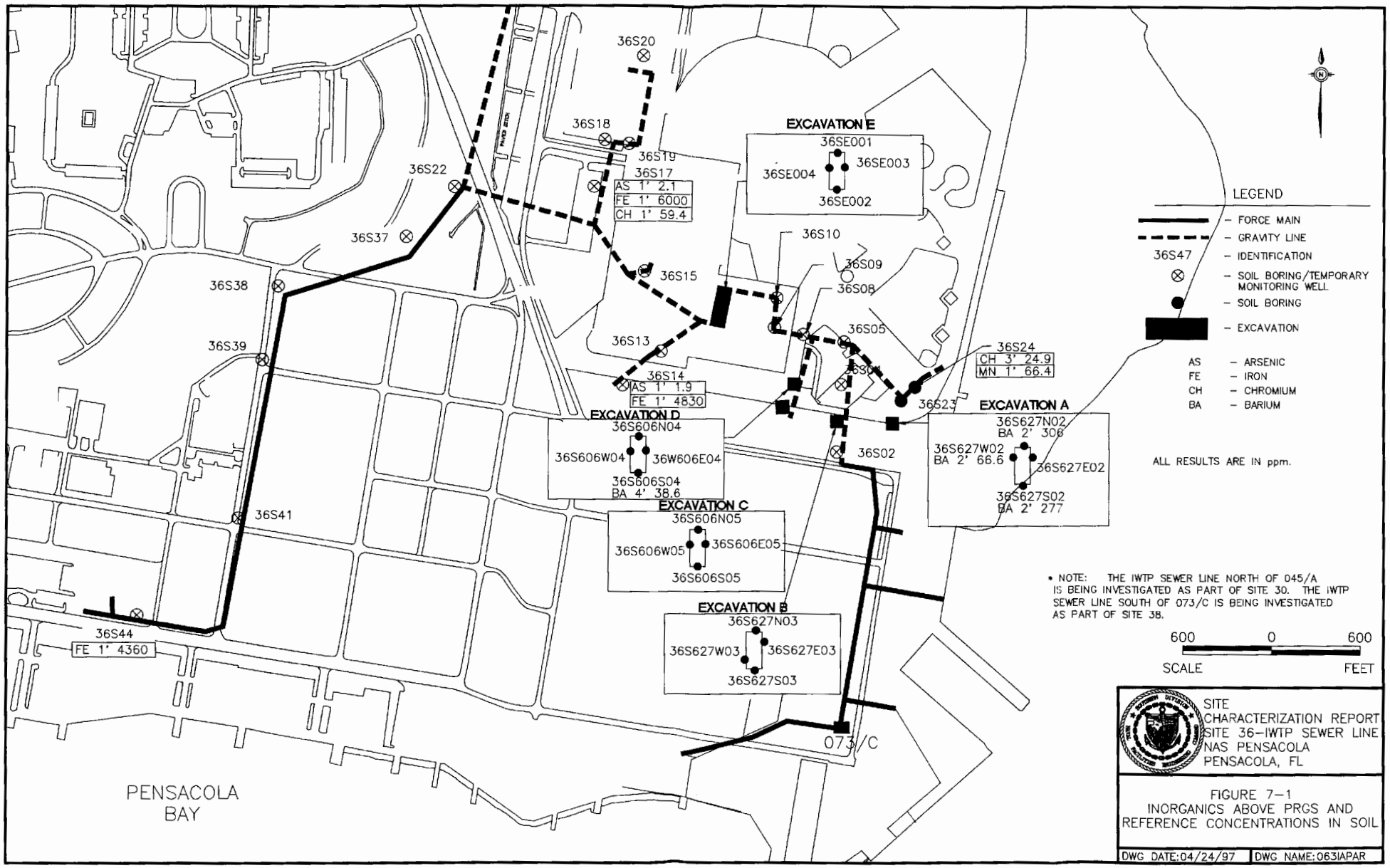
7.1.2 Organics

Volatiles

No VOCs were detected above PRGs.

Semivolatiles

Figure 7-2 diagrams soil SVOCs detected which exceeded 1996 PRGs. Benzo(a)pyrene exceeded its PRG (88 ppb) in surface soil at 36S39 (110 ppb) and 36S41 (220 ppb).


36S20
36S18
36S19
36S17
AS 1' 2.1
FE 1' 6000
CH 1' 59.4
36S22
36S37
36S38
36S39
36S15
36S13
36S14
AS 1' 1.9
FE 1' 4830
EXCAVATION E
36SE001
36SE003
36SE004
36SE002
36S10
36S09
36S08
36S05
36S24
CH 3' 24.9
MN 1' 66.4
36S23
EXCAVATION A
36S627N02
BA 2' 306
36S627W02
BA 2' 66.6
36S627E02
36S627S02
BA 2' 277
36S02
EXCAVATION D
36S606N04
36S606W04
36W606E04
36S606S04
BA 4' 38.6
EXCAVATION C
36S606N05
36S606W05
36S606E05
36S606S05
EXCAVATION B
36S627N03
36S627W03
36S627E03
36S627S03
36S41
36S44
FE 1' 4360
073/C
PENSACOLA
BAY
LEGEND
– FORCE MAIN
– GRAVITY LINE
36S47
– IDENTIFICATION
– SOIL BORING/TEMPORARY MONITORING WELL
– SOIL BORING
– EXCAVATION
AS – ARSENIC
FE – IRON
CH – CHROMIUM
BA – BARIUM
ALL RESULTS ARE IN ppm.
• NOTE: THE IWTP SEWER LINE NORTH OF 045/A IS BEING INVESTIGATED AS PART OF SITE 30. THE IWTP SEWER LINE SOUTH OF 073/C IS BEING INVESTIGATED AS PART OF SITE 38.
600 0 600
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 7–1
INORGANICS ABOVE PRGS AND REFERENCE CONCENTRATIONS IN SOIL
DWG DATE:04/24/97
DWG NAME:063IAPAR

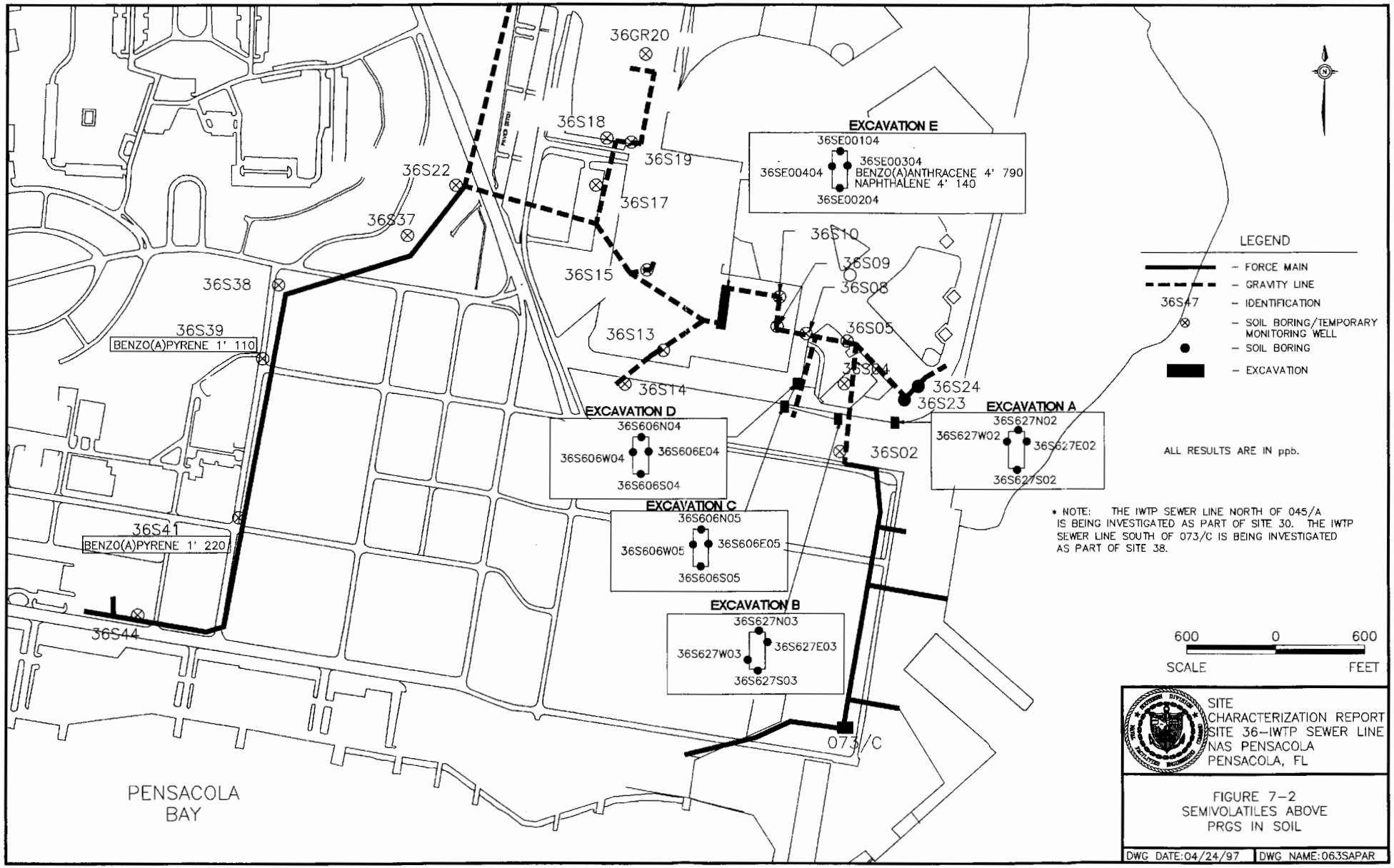

36GR20
36S18
36S19
36S22
36S17
36S37
36S15
36S38
36S39
BENZO(A)PYRENE 1' 110
36S13
36S14
36S41
BENZO(A)PYRENE 1' 220
36S44
PENSACOLA BAY
EXCAVATION E
36SE00104
36SE00404
36SE00304
BENZO(A)ANTHRACENE 4' 790
NAPHTHALENE 4' 140
36SE00204
36S10
36S09
36S08
36S05
36S04
36S24
36S23
EXCAVATION D
36S606N04
36S606W04
36S606E04
36S606S04
EXCAVATION A
36S627N02
36S627W02
36S627E02
36S627S02
36S02
EXCAVATION C
36S606N05
36S606W05
36S606E05
36S606S05
EXCAVATION B
36S627N03
36S627W03
36S627E03
36S627S03
073/C
LEGEND
– FORCE MAIN
– GRAVITY LINE
36S47 – IDENTIFICATION
– SOIL BORING/TEMPORARY MONITORING WELL
– SOIL BORING
– EXCAVATION
ALL RESULTS ARE IN ppb.
* NOTE: THE IWTP SEWER LINE NORTH OF 045/A IS BEING INVESTIGATED AS PART OF SITE 30. THE IWTP SEWER LINE SOUTH OF 073/C IS BEING INVESTIGATED AS PART OF SITE 38.
600 0 600
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 7–2
SEMIVOLATILES ABOVE PRGS IN SOIL
DWG DATE:04/24/97
DWG NAME:063SAPAR

Table 7-1
Inorganic Exceedances in Soil (ppm)

Boring ID	Result
Surface Soil	
Arsenic (Surface Soil PRG 0.43 ppm[a]; Reference 1.56 ppm)	
36S14	1.9
36S17	2.1
Total Chromium (Surface Soil PRG 39 ppm[a]; Reference 6.13 ppm)	
36S17	59.4
Iron (PRG Surface Soil 2,300 ppm[a]; Reference 2,745 ppm)	
36S14	4,830
36S17	6,000
36S44	4,360
Subsurface Soil	
Barium (Subsurface Soil PRG 32 ppm[b]; Reference 4.63 ppm)	
North Side of Excavation A	306
West Side of Excavation A	66.6
South Side of Excavation A	277
South Side Excavation D	38.6
Cadmium (Subsurface Soil PRG 6 ppm[b]; Reference 1 ppm)	
338S03	8.9
Total Chromium (Subsurface Soil PRG 19 ppm[b]; Reference 6.13 ppm)	
36S23	24.9

Notes:
a — USEPA Region III Risk-Based Concentration
b — USEPA Region III Soil Screening Level

Benzo(a)anthracene and naphthalene exceeded their respective leachability PRGs (700 ppb; 100 ppb) at 4 feet deep on the east side of Excavation E (790 ppb; 140 ppb).

Pesticides

None of the surface soil PRGs for pesticides was exceeded. Figure 7-3 shows detected pesticide concentrations above leachability PRGs. Dieldrin exceeded its leachability PRG (1 ppb) in 36S15 (2.9 ppb), 36S17 (2.9 ppb), 36S18 (2.4 ppb at 3 feet bls; 22 ppb at 5 feet bls), 36S20 (1.8 ppb), 36S22 (1.7 ppb), 36S37 (3.4 ppb), 36S41 (2.4 ppb at 1 to 3 feet deep and 1.2 ppb at 3 to 5 feet deep).

7.2 Building 3380 Area Soil Contamination Assessment

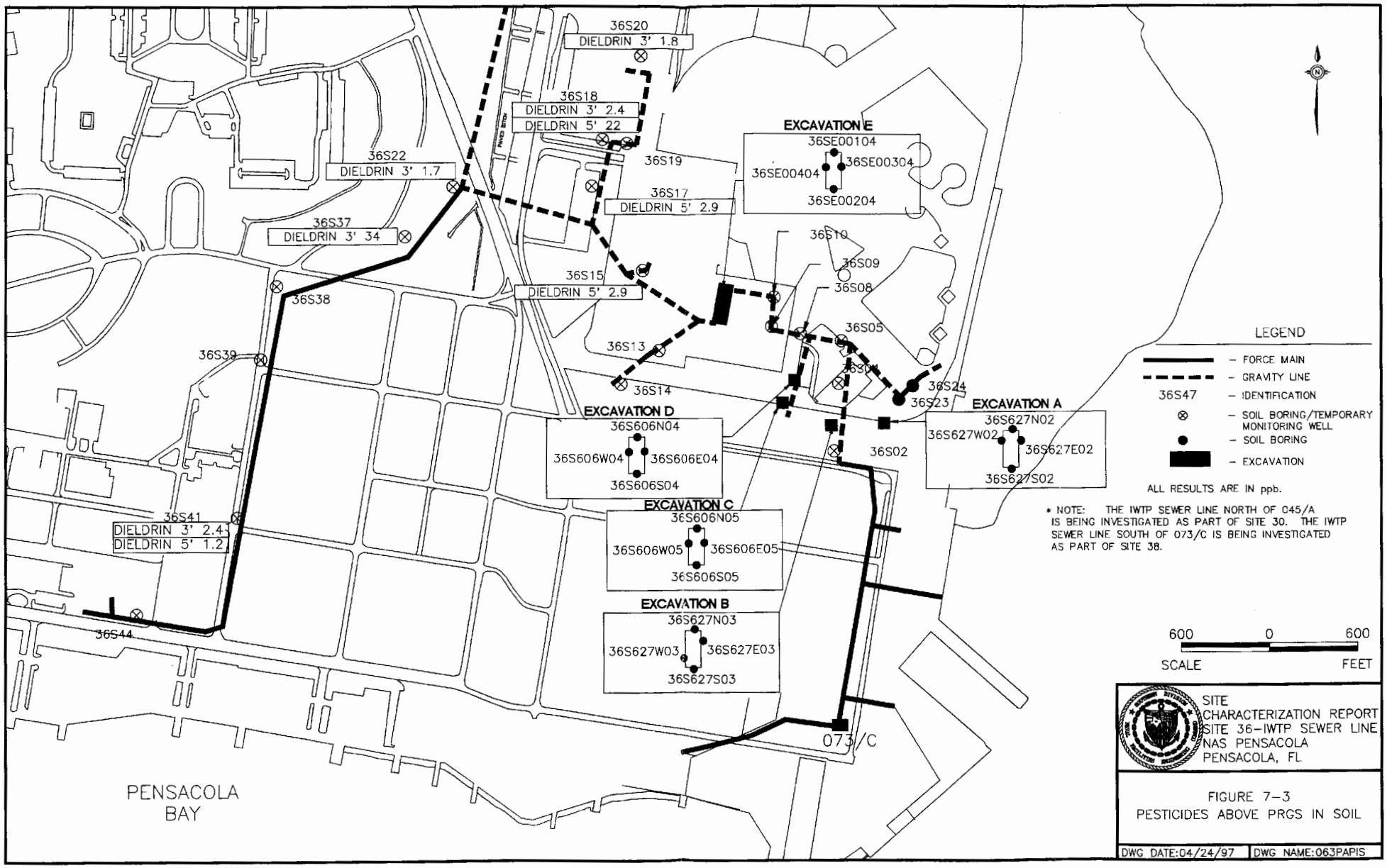
During construction at Chevalier Field, fill material was placed on top of the ground surface to raise the elevation. In the area of the Building 3380 removal action, approximately 2 feet of clean fill were placed over the area. The fill thickness ranged from 1.75 feet at 36S31 to 2.81 feet at 36S27. Therefore, samples that were representative of surface soil conditions are now subsurface soil. Fill samples were not collected.

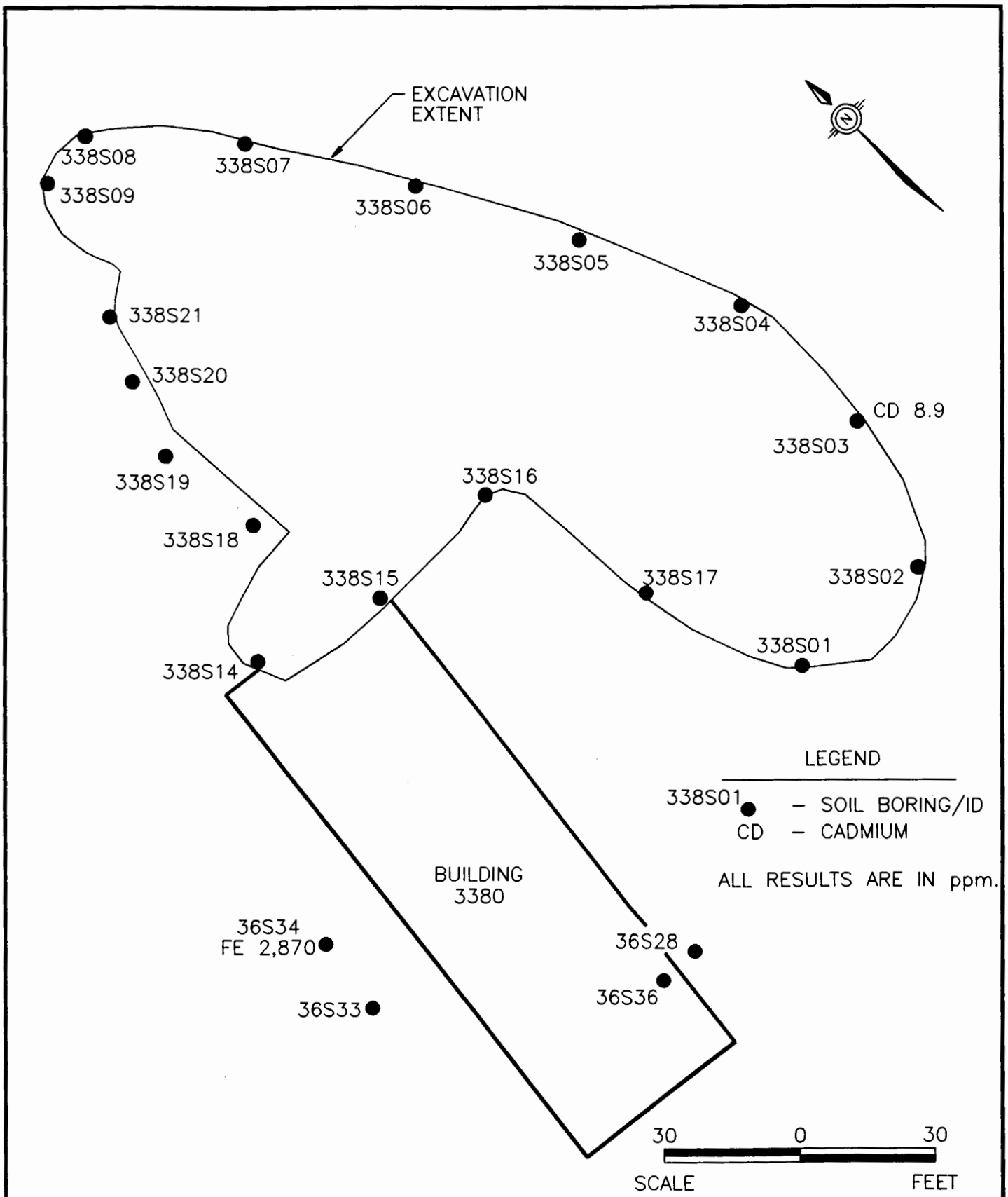
7.2.1 Inorganics

Cadmium (8.9 ppm) at location 338S003 exceeded its leachability PRG (6 ppm) and reference concentration (1 ppm). Iron (2,870 ppm) exceeded its surface soil PRG (2,300 ppm) and reference concentration (2,745 ppm) at location 36S34. Surface soil PRGs no longer apply to rest of the Building 3380 area because of the overlying 2 feet of clean fill (Figure 7-4).

7.2.2 Organics

None of the organic constituents exceeded their respective subsurface soil PRGs.


36S20
DIELDRIN 3' 1.8
36S18
DIELDRIN 3' 2.4
DIELDRIN 5' 22
36S22
DIELDRIN 3' 1.7
36S19
36S17
DIELDRIN 5' 2.9
36S37
DIELDRIN 3' 34
36S15
DIELDRIN 5' 2.9
36S38
36S39
36S13
36S14
36S41
DIELDRIN 3' 2.4
DIELDRIN 5' 1.2
36S44
EXCAVATION E
36SE00104
36SE00404
36SE00304
36SE00204
36S10
36S09
36S08
36S05
36S04
36S24
36S23
EXCAVATION A
36S627N02
36S627W02
36S627E02
36S627S02
36S02
EXCAVATION D
36S606N04
36S606W04
36S606E04
36S606S04
EXCAVATION C
36S606N05
36S606W05
36S606E05
36S606S05
EXCAVATION B
36S627N03
36S627W03
36S627E03
36S627S03
073/C
PENSACOLA
BAY
LEGEND
– FORCE MAIN
– GRAVITY LINE
36S47 – IDENTIFICATION
– SOIL BORING/TEMPORARY MONITORING WELL
– SOIL BORING
– EXCAVATION
ALL RESULTS ARE IN ppb.
* NOTE: THE IWTP SEWER LINE NORTH OF 045/A IS BEING INVESTIGATED AS PART OF SITE 30. THE IWTP SEWER LINE SOUTH OF 073/C IS BEING INVESTIGATED AS PART OF SITE 38.
600 0 600
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 7–3
PESTICIDES ABOVE PRGS IN SOIL
DWG DATE:04/24/97
DWG NAME:063PAPIS



SITE
CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL.

FIGURE 7–4
INORGANICS IN SOIL ABOVE PRGS AND REFERENCE CONCENTRATIONS BUILDING 3380 AREA

DWG DATE: 04/15/97 | DWG NAME: 63SCRVSP

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7.3 Groundwater Contamination Assessment

This section presents comparisons of detected contaminants to inorganic reference concentrations and drinking water standards. All inorganic parameters are compared to NAS Pensacola reference concentrations. The following updated general and site-specific PRGs were used for the comparison:

- USEPA. (1996b). *Drinking Water Regulations and Health Advisories.* USEPA Office of Water.

- FDEP. (1994). *Groundwater Guidance Concentrations.* FDEP Division of Water Facilities, Bureau of Drinking Water and Groundwater Resources.

- Reference concentrations for NAS Pensacola presented in the Site 1 Remedial Investigation Report (E/A&H, 1996c).

7.3.1 Inorganics

Figure 7-5 diagrams concentrations of inorganics exceeding PRGs in groundwater at Site 36. Antimony, iron, lead, and manganese were the inorganics above PRGs and reference concentrations. Antimony exceeded its PRG (6 ppb) and reference concentration (30.2 ppb) at one monitoring well, 36GR05 (33.8 ppb). Iron exceeded its PRG (300 ppb) and reference concentration (1,707.8 ppb) at nine monitoring wells listed in Table 7-2. The PRG exceedances ranged from 1,820 ppb at 36GR03 to 15,100 ppb at 36GR54.

Table 7-2
Exceedances of the Iron PRG[a] in Groundwater (ppb)

Monitoring Well	Result	Monitoring Well	Result
36GR17	2,280	36GMW35	3,350
36GMW08	9,810	36GR03[b]	1,820
36GMW09	7,790	36GR38	2,580
36GMW22	2,530	36GR54	15,100
36GMW31	2,150		

Notes:
a — The PRG (300 ppb) for iron in groundwater is both the USEPA SMCL and FSDWS.
b — resampling in December 1994

Lead exceeded its PRG (15 ppb) and reference concentration (1.6 ppb) at the monitoring wells listed in Table 7-3. The exceedances ranged from 15.4 ppb at 36GR45 to 66.4 ppb at 36GR54.

Table 7-3
Exceedances of the Lead PRG[a] in Groundwater (ppb)

Monitoring Well	Result	Monitoring Well	Result
36GR01[b]	41.7	36GR49	46.5
36GR03[b]	31.8	36GR52	19.7
36GR44	19.8	36GR54	66.4
36GR45	15.4		

Notes:
a — The lead PRG (15 ppb) is the FPDWS and the USEPA Treatment Technique Action Level.
b — December 1994 resampling value.

Manganese exceeded its PRG (50 ppb) and reference concentration (22 ppb) at 34 monitoring wells. The exceedances ranged from 53.9 ppb at 36TW01 to 1,260 ppb at 36GR52 and are summarized in Table 7-4.

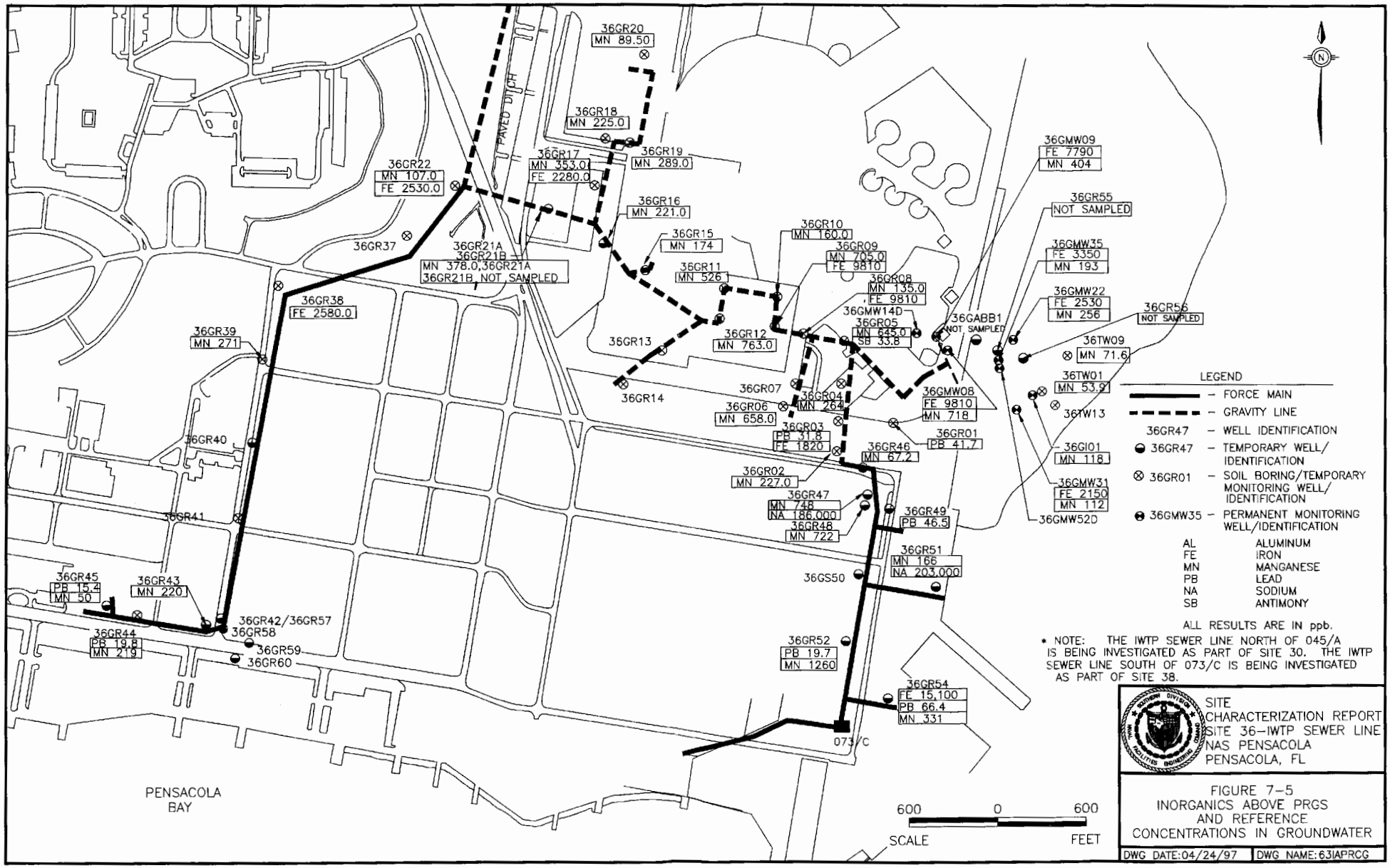
36GR20
MN 89.50
36GR18
MN 225.0
36GR19
MN 289.0
36GR17
MN 353.0
FE 2280.0
36GR22
MN 107.0
FE 2530.0
36GR16
MN 221.0
36GR15
MN 174
36GR10
MN 160.0
36GR09
MN 705.0
FE 9810
36GR11
MN 526
36GR08
MN 135.0
FE 9810
36GR37
36GR21A
36GR21B
MN 378.0,36GR21A
36GR21B, NOT SAMPLED
36GR38
FE 2580.0
36GR39
MN 271
36GR13
36GR12
MN 763.0
36GMW14D
36GR05
MN 645.0
SB 33.8
36GABB1
NOT SAMPLED
36GMW09
FE 7790
MN 404
36GR55
NOT SAMPLED
36GMW35
FE 3350
MN 193
36GMW22
FE 2530
MN 256
36GR56
NOT SAMPLED
36TW09
MN 71.6
36TW01
MN 53.9
36TW13
36GR14
36GR07
36GR04
MN 264
36GR06
MN 658.0
36GMW08
FE 9810
MN 718
36GR03
PB 31.8
FE 1820
36GR01
PB 41.7
36GR46
MN 67.2
36GI01
MN 118
36GR40
36GR02
MN 227.0
36GR47
MN 748
NA 186,000
36GR48
MN 722
36GMW31
FE 2150
MN 112
36GMW52D
36GR49
PB 46.5
36GR41
36GR51
MN 166
NA 203,000
36GS50
36GR45
PB 15.4
MN 50
36GR43
MN 220
36GR42/36GR57
36GR58
36GR44
PB 19.8
MN 219
36GR59
36GR60
36GR52
PB 19.7
MN 1260
36GR54
FE 15,100
PB 66.4
MN 331
073/C
PAVED DITCH
PENSACOLA
BAY
600 0 600
SCALE
FEET
LEGEND
FORCE MAIN
GRAVITY LINE
36GR47 – WELL IDENTIFICATION
36GR47 – TEMPORARY WELL/ IDENTIFICATION
36GR01 – SOIL BORING/TEMPORARY MONITORING WELL/ IDENTIFICATION
36GMW35 – PERMANENT MONITORING WELL/IDENTIFICATION
AL ALUMINUM
FE IRON
MN MANGANESE
PB LEAD
NA SODIUM
SB ANTIMONY
ALL RESULTS ARE IN ppb.
* NOTE: THE IWTP SEWER LINE NORTH OF 045/A IS BEING INVESTIGATED AS PART OF SITE 30. THE IWTP SEWER LINE SOUTH OF 073/C IS BEING INVESTIGATED AS PART OF SITE 38.
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 7–5
INORGANICS ABOVE PRGS AND REFERENCE CONCENTRATIONS IN GROUNDWATER
DWG DATE:04/24/97
DWG NAME:63IAPRCG

Table 7-4
Exceedances of the Manganese PRG[a] in Groundwater (ppb)

Monitoring Well	Result	Monitoring Well	Result	Monitoring Well	Result
36GR02	227	36GR18	225	36GR39	271
36GR04	264	36GR19	289	36GR43**	220
36GR05	645	36GR20	89.5	36GR44	219
36GR06	658	36GR21	378	36GR45	50
36GR08	135	36GR22	107	36GR46	67.2
36GR09	705	36GMW08	718	36GR47	748
36GR10	160	36GMW09	404	36GR48	722
36GR11	526	36GMW22	256	36GR51	166
36GR12*	763	36GMW31	112	36GR52	1260
36GR15	174	36GMW35	193	36GR54	331
36GR16	221	36TW01	53.9		
36GR17	353	36TW09	71.6		

Notes:
a — The manganese PRG (50 ppb) is the USEPA SMCL and FSDWS.
* — December 1994 Resampling Event
** — December 1996 Sampling Event

Sodium exceeded its PRG (160,000 ppb) and its reference concentration (18,345 ppb) in 36GR47 (186,000 ppb) and 36GR51 (203,000 ppb) along the southeastern leg of the IWTP sewer line.

7.3.2 Organics

Figure 7-6 diagrams and Table 7-5 lists the organics which exceeded PRGs for groundwater. Pesticides and PCBs did not exceed PRGs. Two monitoring wells (36GR54 and 36GMW35) had most of the PRG exceedances. The monitoring well 36GR54 area is being investigated as Site 20 under the Florida petroleum program. The petroleum release is the likely source of the groundwater contamination. Monitoring well 36GMW35 in the Building 3380 area had the

organic PRG exceedances for benzene (31 ppb), 1,3-dichlorobenzene (370 ppb), 1,4-dichlorobenzene (460 ppb), 2,4-dichlorophenol (4 ppb), and naphthalene (80 ppb). Monitoring well 36GR56 (8 ppb) which is downgradient of 36GMW35, exceeded only the benzene PRG (1 ppb).

The chloromethane (2.7 ppb) and xylene (20 ppb) PRGs were exceeded at 36GR14 (5 ppb; 70 ppb). 1,1,2-Trichloroethane exceeded its PRG (5 ppb) at monitoring well 36GR55 (6 ppb). Trichloroethene exceeded its PRG (3 ppb) in 36GR52 (10 ppb) near Building 604. Trichloroethene was detected in the Site 38/Building 604 investigation (E/A&H, 1996f) and the building is the likely source. Naphthalene was detected above its PRG (6.8 ppb) in 36GMW22 (50 ppb). Phenol was detected at a concentration equal to its PRG in 36GR18 (10 ppb). Benzene was detected above its PRG (1 ppb) in 36TW01 (62 ppb).

7.4 IWTP Sewer Line Closure

History

Because of the BRAC closure of NADEP, most industrial operations at NAS Pensacola were closed. Therefore, the IWTP sewer line was no longer necessary. During a Tier 1 Partnering Team meeting on August 24, 1995, the scope of work for closing the IWTP sewer line was defined to include grouting all gravity lines, and flushing only the force mains (from Pump Station 1 to manhole A-10, and from Pump Station 2 to the IWTP). The removal action goal was to eliminate the IWTP sewer lines as potential sources of contamination so they may be eliminated from further action and abandoned in place.

Fieldwork

During the summer of 1995, PWC pressure-cleaned the gravity portions of the IWTP sewer systems using a 4,000-pound-per-square-inch pressure washer. As the lines were cleaned, they were visually inspected. No obvious contamination was noted. Grouting began on November 6, 1995. During the grouting operation, three sections were found to be crushed.

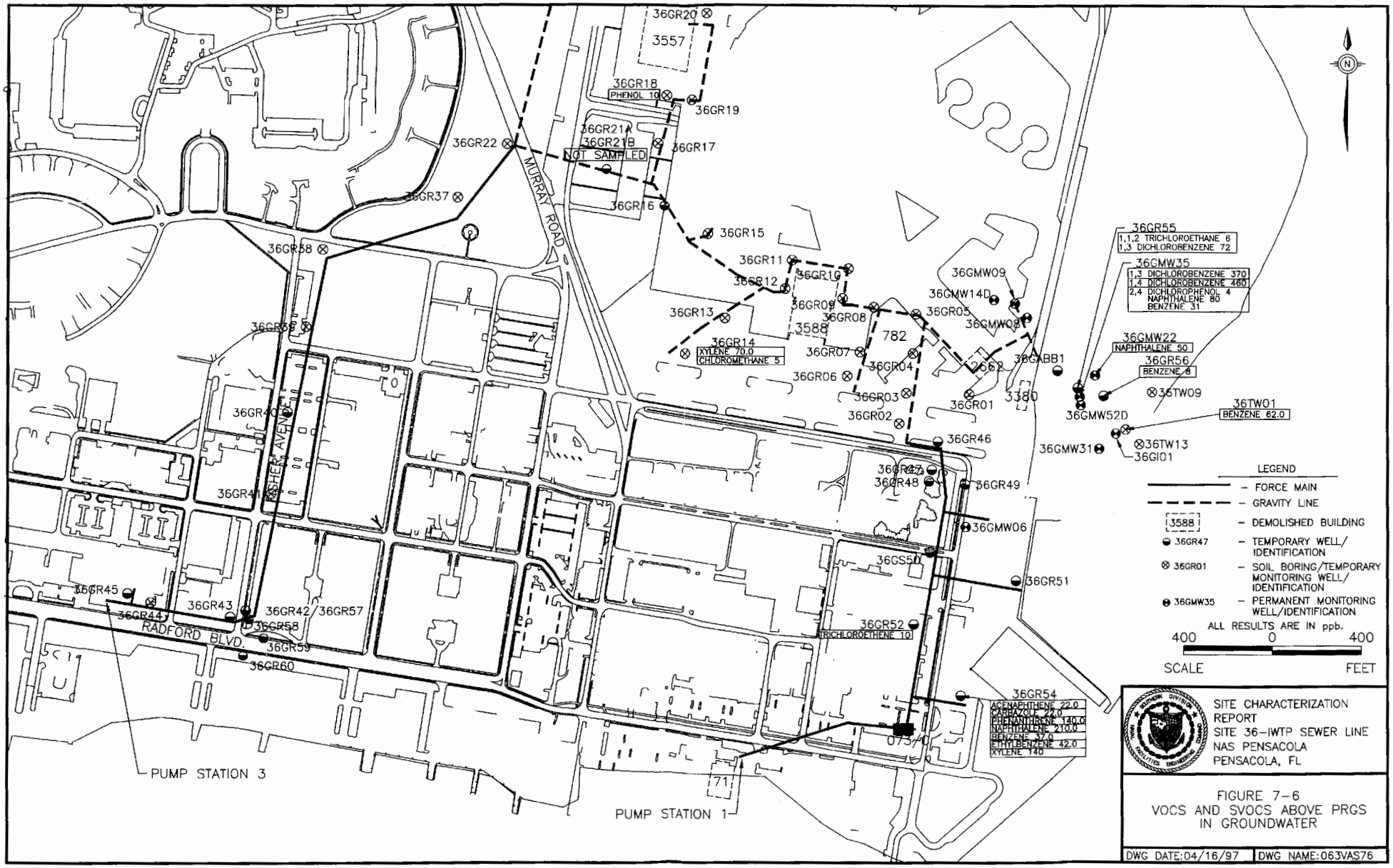
36GR20
3557
36GR18
PHENOL 10
36GR19
36GR21A
36GR21B
NOT SAMPLED
36GR17
36GR22
36GR37
36GR16
36GR15
36GR58
36GR11
36GR12
36GR10
36GR09
36GR08
36GR13
36GR14
XYLENE 70.0
CHLOROMETHANE 5
3588
36GR07
782
36GR04
36GR06
36GR03
36GR02
36GMW09
36GMW14D
36GR05
36GMW08
2662
36GABB1
3380
36GR01
36GR55
1,1,2 TRICHLOROETHANE 6
1,3 DICHLOROBENZENE 72
36GMW35
1,3 DICHLOROBENZENE 370
1,4 DICHLOROBENZENE 460
2,4 DICHLOROPHENOL 4
NAPHTHALENE 80
BENZENE 31
36GMW22
NAPHTHALENE 50
36GR56
BENZENE 8
36TW09
36TW01
BENZENE 62.0
36GMW52D
36TW13
36GMW31
36GI01
36GR46
36GR47
36GR48
36GR49
36GMW06
36GS50
36GR51
36GR52
TRICHLOROETHENE 10
36GR54
ACENAPHTHENE 22.0
CARBAZOLE 22.0
PHENANTHRENE 140.0
NAPHTHALENE 210.0
BENZENE 37.0
ETHYLBENZENE 42.0
XYLENE 140
MURRAY ROAD
FISHER AVENUE
36GR40
36GR41
36GR45
36GR44
36GR43
36GR42/36GR57
36GR58
36GR59
36GR60
RADFORD BLVD.
PUMP STATION 3
PUMP STATION 1
71
N
LEGEND
FORCE MAIN
GRAVITY LINE
3588 – DEMOLISHED BUILDING
36GR47 – TEMPORARY WELL/ IDENTIFICATION
36GR01 – SOIL BORING/TEMPORARY MONITORING WELL/ IDENTIFICATION
36GMW35 – PERMANENT MONITORING WELL/IDENTIFICATION
ALL RESULTS ARE IN ppb.
400 0 400
SCALE FEET
SITE CHARACTERIZATION REPORT
SITE 36–IWTP SEWER LINE
NAS PENSACOLA
PENSACOLA, FL
FIGURE 7–6
VOCS AND SVOCS ABOVE PRGS IN GROUNDWATER
DWG DATE:04/16/97
DWG NAME:063VAS76

Table 7-5
Volatile and Semivolatile Organic Exceedances in Groundwater (ppb)

	36GR52	36GR54	36GR55	36GR56	36GR14	36GR18	36GMW22	36GMW35	36TW01	Standard
Volatile Organic Compounds (VOCs)										
1,1-Dichloroethene	0.2	ND	ND	ND	ND	ND	ND	ND	ND	7[a,b]
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	2	3[b]
1,1,2-Trichloroethane	ND	ND	**6**	ND	ND	ND	ND	ND	ND	5[a,b]
Benzene	ND	**37**	ND	**8**	ND	ND	ND	**31**	**62**	1[b]
Chlorobenzene	ND	ND	5	710	ND	ND	ND	160	400	NS
Chloromethane	ND	ND	ND	ND	5	ND	ND	ND	ND	2.7[c]
cis-1,2-Dichloroethene	2	0.9	ND	ND	ND	ND	ND	ND	ND	70[a,b]
Ethylbenzene	ND	**42**	ND	ND	ND	ND	ND	14	ND	30[d]
Tetrachloroethene	0.4	ND	ND	ND	ND	ND	ND	ND	ND	3[b]
trans-1,2-Dichloroethene	1	ND	ND	ND	ND	ND	ND	ND	ND	100[a,b]
Trichloroethene	**10**	ND	ND	ND	ND	ND	ND	ND	ND	3[b]
Xylene	ND	**140**	ND	ND	**70**	ND	ND	ND	ND	20[d]
Semivolatile Organic Compounds (SVOCs)										
1,2-Dichlorobenzene	ND	ND	39	4	ND	ND	ND	ND	1	600[a,b]
1,3-Dichlorobenzene	ND	ND	**72**	1	ND	ND	ND	**370**	8	10[c]
1,4-Dichlorobenzene	ND	ND	43	10	ND	ND	ND	**460**	20	75[a,b]
2,4-Dichlorophenol	ND	ND	NA	NA	ND	ND	ND	**4**	ND	4[c]

Table 7-5
Volatile and Semivolatile Organic Exceedances in Groundwater (ppb)

	36GR52	36GR54	36GR55	36GR56	36GR14	36GR18	36GMW22	36GMW35	36TW01	Standard
Semivolatile Organic Compounds (SVOCs)										
2-Methylnaphthalene	ND	ND	NA	NA	ND	ND	7	15	ND	NS
3-methylphenol/4-methylphenol	1.3	ND	NA	NA	ND	ND	ND	ND	ND	NS
4-methyl-2-pentanone	ND	ND	NA	NA	ND	ND	ND	ND	2	350[c]
Acenaphthene	ND	**22**	NA	NA	ND	ND	ND	ND	2	20[c]
Anthracene	ND	18	NA	NA	ND	ND	ND	ND	ND	2,100[c]
Carbazole	ND	**22**	NA	NA	ND	ND	ND	ND	ND	7.5[c]
Naphthalene	ND	**210**	NA	NA	ND	ND	**50**	**80**	ND	6.8[c]
Phenanthrene	ND	**140**	NA	NA	ND	ND	ND	ND	ND	10[c]
Phenol	ND	ND	NA	NA	ND	**10**	ND	ND	ND	10[c]

Notes:
ND — Not detected
NA — Not analyzed
NS — No standard established
a — USEPA Maximum Contaminant Level
b — Florida Primary Drinking Water Standard
c — Florida Groundwater Guidance Concentration
d — Florida Secondary Drinking Water Standard
Bold denotes a standard exceedance.

These three sections could not be filled with grout, and were abandoned after consultation with FDEP. The three sections affected are:

- MH A-6-B to A-6-C (approximately 200 feet of 6-inch vitreous clay piping)
- MH A-6-B to A-6-A (approximately 20 feet of 6-inch vitreous clay piping)
- MH A-6-A to A-6 (approximately 400 feet of 6-inch vitreous clay piping)

The IWTP was flushed in three stages as follows:

- Section 1: Southeastern portion of the system including the gravity lines from Buildings 72, 104, and 604.

- Section 2: The remainder of the IWTP sewer system including gravity lines from manhole A-10 and Buildings 2662, 3588, 3460, 3557, 3220, 2691, and 649 (Site 30).

- Section 3: The section of sewer line near steam plant Building 72 and terminates at manhole A-4. No further action was needed on this section because earlier reports of contamination were erroneous.

Analytical Summary

Screening samples were collected from Sections 1 and 2 during the flushing of the IWTP sewer line to verify cleansing to meet FPDWSs. Analytical results are presented in Appendix K.

Section 1: The samples collected indicate an almost complete trend toward cleansing. Except for methylene chloride, tetrachloroethylene, and trichloroethene, which were above FPDWSs, all test results were within the standards for VOC and SVOCs.

Section 2: Preflushing activities helped bring Section 2 within total compliance to the FPDWS. The line was determined to be clean and all flushing ceased after 12 hours.

Line grouting and flushing are detailed in the IWTP Sewer Line Closure report (E/A&H, 1996b).

7.5 Conclusions

For this site characterization, the nature and extent of soil and groundwater contamination have been delineated. The IWTP sewer line has been removed as a source of contamination by flushing and grouting the line. Contaminants were detected sporadically across the site. VOCs were not detected in soil, but exceeded PRGs in seven groundwater samples. Many of the VOCs detected are petroleum constituents, suggesting the nearby petroleum sites as likely sources. Benzene concentrations decrease from 31 ppb (36GMW35) to 8 ppb in downgradient monitoring well (36GR56) suggesting that natural attenuation and biodegradation are limiting the contaminant migration. Site 38 is the likely source for the trichloroethene detected in monitoring well 36GR52.

Benzo(a)pyrene, benzo(a)anthracene, and naphthalene were detected in Site 36 soil above leachability PRGs. Semivolatiles detected in groundwater in monitoring well 36GMW35 decreased to below PRGs in 36GR56, suggesting natural attenuation and biodegradation are limiting contaminant migration. Semivolatiles detected in monitoring well 36GR54 are likely attributable to petroleum at Site 20.

The only pesticide to exceed its leachability PRG is dieldrin. None of these parameters was detected in monitoring wells completed at the sampling location or, in the case of confirmation samples, collected at the excavation extent, preceding the excavation. This suggests that no appreciable amounts of leaching are occurring.

Inorganics exceeding reference concentrations and leachability PRGs in soil include barium, cadmium, and chromium. None of these parameters exceeded its PRG in groundwater, suggesting no appreciable amounts of leaching are occurring. Antimony, iron, manganese, lead, and sodium exceeded their PRGs in groundwater. Only lead and sodium are primary drinking water standards. The monitoring wells with sodium exceedances are near Pensacola Bay, suggesting saltwater intrusion is the source.

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8.0 DATA VALIDATION

Site 36 data were validated by E/A&H and Validata Chemical Services of Norcross, Georgia. The analytical work was conducted by Pace, Inc. in Minneapolis, Minnesota, CompuChem Environmental Corporation in Research Triangle Park, North Carolina, and Savannah Laboratories in Savannah, Georgia. The analytical protocols were performed in accordance with the following guidance documents:

- USEPA CLP, *Statement of Work for Organic Analyses, OLM01.0* (CLP Organic SOW; USEPA, 1990a).

- USEPA CLP, *Statement of Work for Inorganic Analyses, ILM03.0* (CLP Inorganic SOW; USEPA, 1990b).

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

- USEPA Superfund Analytical Methods for *Low Concentration Water for Organics Analysis* (10/92).

Data validation was performed in using the following documents:

- *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review,* February 1994 (EPA-540/R-94/012) (Organic Functional Guidelines [OFG; USEPA 1994b]).

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

Data validation qualifiers are listed at the end of the section.

Soil and water samples (137 and 57, respectively) were collected February 5 through December 12, 1994, and January 3 through 10, 1996. These totals do not include field QC samples. All samples were received by the laboratory in good condition and with the proper custody documents and seals intact. The organic and inorganic results for these samples were reported in 17 sample delivery groups (SDGs). Tables 8-1 through 8-4 summarize the QC parameters used for the data validation of each SDG and can be found at the end of this section. The analytical data were found to be acceptable for use in the remedial investigation of Site 36 at NAS Pensacola.

8.1 Organic Analysis

8.1.1 Holding Times

All technical and contractual holding times were within QC requirements.

8.1.2 Calibrations

All QC criteria for pesticide instrument performance and VOC and SVOC GC/Mass Spectrometer tuning were met in every SDG. Some target compounds were outside calibration QC criteria in every SDG. These QC deficiencies represent common laboratory practices and occurred at a rate consistent with instruments that are calibrated correctly. Sample results were qualified for these calibration outliers per the OFGs.

8.1.3 Blanks

Acetone, methylene chloride, and several phthalate esters were detected in the blanks associated with the investigation of Site 36. These compounds are considered common laboratory artifacts and were qualified as recommended by the OFGs. Action levels are 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).

Three pesticide SDGs had some minor blank contamination. Since no pesticide target compounds are considered to be common laboratory artifacts, action levels were set at five times the contaminant concentration found in a blank and all associated sample results were qualified accordingly.

8.1.4 Matrix Spikes

In each analytical method used to analyze environmental 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, the CLP Organic SOW specifies the addition of known quantities of several compounds to two separate aliquots of each sample matrix type. The "spiked" aliquots are referred to as the MS/MSD. These samples can then be analyzed by applying the same preparation techniques and analytical methods used for all samples of similar matrix types. This enables the MS/MSD to be used during sample analysis to detect matrix effects caused by contaminants that interfere with the compounds of interest that may also be present within the sample.

All VOC and pesticide SDGs met the MS/MSD QC requirements. Four SVOC SDGs were outside MS/MSD QC criteria due to low percent recoveries for spiked compounds. Sample results were qualified only for the samples used for the MS/MSDs, as recommended in the OFGs.

8.1.5 Surrogates

Accuracy is the degree to which a given result agrees with the *true* value. To check the accuracy in a VOC, SVOC, and pesticide analysis, the CLP Organic SOW requires the addition of known amounts of *surrogate compounds*. If percent surrogate 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.

One SVOC, five pesticide, and three VOC SDGs contained samples with results qualified due to surrogate recoveries outside of the QC limits.

8.1.6 Internal Standards

Internal standards (IS) are added to VOC and SVOC samples and used to calculate the concentrations of target compounds. Two IS QC criteria must be met when a sample is analyzed. The retention time of the IS must not vary more than 30 seconds and the IS area counts must not vary more than a factor of two (-50% to +100%) from the associated calibration standard. All VOC and SVOC SDGs met the retention time QC criteria. Samples in three VOC and five SVOC SDGs had results qualified for low IS recoveries.

8.1.7 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 sample duplicates compared to water sample duplicates due to the differences in matrix. The field duplicates associated with Site 36 indicated acceptable precision. Any sample results that exceeded recommended QC limits were qualified as recommended by the OFGs.

8.2 Inorganic Analysis

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 Calibration

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 CLP Inorganics SOW.

8.2.3 Blanks

Blank results are used to determine the presence and magnitude of any contamination problems. According to IFGs, 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. As expected, contamination was identified in the blanks of all inorganic SDGs. Action levels were set for each affected element and sample results qualified per the IFGs.

8.2.4 ICP Interference Check Sample Analyses

The inductive coupled plasma (ICP) interference check sample (ICS) analysis is performed to check the laboratory's instrument and the background correction factors. An ICS was analyzed for each SDG without any indication of interferences.

8.2.5 ICP 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 a factor of 100 times above the instrument detection limit, the measured concentrations of the undiluted sample and

of the diluted sample should agree within 10%. ICP serial dilutions were outside QC criteria in 10 SDGs. All sample results in an SDG, for analytes that were outside of the serial dilution criteria in that SDG, were qualified as recommended by the IFGs.

8.2.6 Laboratory Control Sample

Laboratory control samples (LCSs) are used to monitor the overall performance or accuracy of all steps in the analysis, including the sample preparation. The LCSs in four SDGs contained analytes with percent recoveries outside of the QC requirements. Sample results for affected analytes were qualified by SDG per the IFGs.

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. In several SDGs, all analytes were qualified that did not meet the laboratory duplicate and/or spike QC criteria.

8.2.8 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 sample duplicates compared to water sample duplicates due to matrix differences. The field duplicates associated with Site 36 indicated acceptable precision. Any sample results that exceeded recommended QC limits were qualified as recommended by the IFGs.

8.3 Summary

8.3.1 Completeness

Completeness is defined as the percentage of measurements made which are judged to be valid. All of the samples analyzed for the investigation of Site 36 were determined to be valid with some qualification, except for the results flagged "UR." OF 27,335 total measurements made (number of unique sample and parameter pairs), 102 were flagged "UR" (greater than 99% completeness). Therefore, the data met 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 through the use of established methods of field sampling by experienced field personnel and laboratory analysis as specified by USEPA protocols. All samples for Site 36 were collected using the USEPA Region IV SOPs and analyzed according to CLP SOW protocol.

8.4 Conclusion

The overall data quality of the analytical work done for Site 36 at NAS Pensacola, except for the sample results that were qualified as unusable, were considered to be satisfactory and usable for site remediation and risk assessment. The data validation summary reports submitted by Validata and/or data validation worksheets completed by E/A&H for Site 36 will be provided upon request or otherwise will become a part of the NAS Pensacola Site 36 Final Report Reference File.

Table 8-1
Sites 36 VOC SDG Summary

SDG	Holding Times	GC/MS Tunes	Ical	Ccal	I. S.	Blanks	Surr.	MS MSD	Overall
CT801				X	X	X			OK
CT802				X		X			OK
CT803			X	X		X			OK
CT804				X		X	X		OK
CT805			X	X		X	X		OK
CT806				X	X	X			OK
CT807				X		X			OK
CT808				X		X			OK
CT809				X					OK
0052			X	X		X			OK
0094				X					OK
00001			X	X		X	X		OK
00006			X	X		X			OK
PAD01				X		X			OK
PAD02				X		X			OK
PAD03				X		X			OK
PAD04				X		X			OK

Notes:
Ical — initial calibration
Ccal — continuing calibration
I.S. — internal standards
Surr. — surrogates
An "X" in a column means that not all QC criteria were met. An "OK" in the Overall column means the data were acceptable with qualification, except for results flagged "UR."

Table 8-2
Sites 36 SVOC SDG Summary

SDG	Holding Times	GC/MS Tunes	Ical	Ccal	I. S.	Blanks	Surr.	MS MSD	Overall
CT801			X	X					OK
CT802			X	X		X			OK
CT803			X	X		X			OK
CT804				X	X	X		X	OK
CT805			X	X					OK
CT806			X	X	X		X	X	OK
CT807			X	X					OK
CT808				X	X				OK
CT809				X					OK
0052				X	X				OK
0094				X			X		OK
00001				X	X		X		OK
PAD01				X		X			OK
PAD02				X		X			OK
PAD03				X		X			OK
PAD04				X		X			OK

Notes:
Ical — initial calibration
Ccal — continuing calibration
I.S. — internal standards
Surr. — surrogates
An "X" in a column means that not all QC criteria were met. An "OK" in the Overall column means the data were acceptable with qualification, except for results flagged "UR."

Table 8-3
Site 36 Pesticide SDG Summary

SDG	Holding Times	I. P.	ICal	CCal	Blanks	Surr.	MS MSD	C. C.	Overall
CT801									OK
CT802					X				OK
CT803									OK
CT804						X			OK
CT805									OK
CT806					X	X			OK
CT807									OK
CT808						X			OK
CT809									OK
PAD01					X	X			OK
PAD02									OK
PAD03									OK
PAD04						X			OK

Notes:
Ical — initial calibration
Ccal — continuing calibration
Surr. — surrogates
I.P. — pesticide instrument performance
C.C. — pesticide cleanup checks
An "X" in a column means that not all QC criteria were met. An "OK" in the Overall column means the data were acceptable with qualification, except for results flagged "UR."

Table 8-4
Site 36 Inorganic SDG Summary

SDG	Holding Times	Cal.	Blanks	Serial Dil.	Int. Check	LCS	MS	Dup.	Overall
CT801			X	X			X	X	OK
CT802			X			X			OK
CT803			X						OK
CT804			X					X	OK
CT805			X	X					OK
CT806			X	X			X	X	OK
CT807			X					X	OK
CT808			X			X		X	OK
CT809			X			X			OK
772109			X	X				X	OK
772371			X	X					OK
77271I			X				X		OK
97961I			X	X		X	X	X	OK
PAD01			X	X					OK
PAD02			X	X					OK
PAD03			X	X			X		OK
PAD04			X	X					OK

Notes:
Cal. — Calibrations
Serial Dil. — Serial dilutions
Int. Check — ICP interference check
LCS — Laboratory Control Sample
Dup. — Duplicate
An "X" in a column means that not all QC criteria were met. An "OK" in the Overall column means the data were acceptable with qualification, except for results flagged "UR."

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 quantitation 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 was outside control limits.

D **Diluted Result** — The compound was re-analyzed 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 CONTAMINANT FATE AND TRANSPORT

In previous sections, physical characteristics of the study area and distributions of contaminants in each environmental medium were presented. In this section, that information is used to discuss the fate and transport of contaminants in each medium. This section consists of four parts:

- Source definition, specifically the contaminants detected above PRGs and reference concentrations during the investigation, is discussed in Section 9.1.

- Potential routes of migration are discussed for each medium in Section 9.2.

- Contaminant persistence in soil, sediment, and groundwater is considered in Section 9.3. For each class of compounds, the general fate and transport characteristics of the relevant contaminants are summarized since their chemical and physical properties affect contaminant migration and fate.

- Potential receptors are discussed in Section 9.4.

9.1 Source Definition

Site 36 includes a portion of the IWTP sewer line and an area off the northeast corner of Building 3380 (approximately 14,300 square feet). In the fall of 1995, the IWTP sewer line was permanently closed, thus eliminating it as a potential source of contamination. The contamination source at Building 3380 is uncertain, but may have been an open valve on the bilge water line that was closed upon discovery. Until July 1994, the building contained hazardous materials such as oils, paint, and other flammable liquids inside a fenced area and within the structure. A removal was performed at Building 3380 in 1994, reducing SVOC and VOC concentrations in the soil below PRGs. Five other removals were performed along the IWTP sewer line to remove soil above PRGs. Also in the vicinity of the IWTP sewer line were

former USTs containing petroleum products, and an AVGAS line. The tanks associated with the AVGAS line stored heavy lubricating oil. The system was shut down in 1970, but the tanks were left undrained until their removal in 1994. The AVGAS line was removed in the vicinity of Site 36 at Chevalier Field, but no additional soil was excavated.

In Section 7, the nature and extent of contamination were described for all compounds detected at Site 36. Metals were detected in soil and groundwater samples exceeding PRGs and reference concentrations. In the case of groundwater, some of the elevated metals (aluminum, iron, and manganese) occur naturally in the shallow Sand-and-Gravel Aquifer, both locally and regionally. The actual IWTP sewer line is generally below msl. The only pesticide detected in site soil exceeding its leachability PRG is dieldrin, but it was not detected in groundwater. Organic constituents exceeded PRGs in both subsurface soil and groundwater. For groundwater, most of the PRG exceedances were concentrated in two areas (temporary well 36GR54 and monitoring well 36GMW35). The 36GR54 area is currently being investigated under the Florida petroleum program, and therefore, a petroleum release is the likely source of the groundwater contamination. The 36GMW35 area shows decreasing contaminants downgradient (36GR56). Other PRG exceedances were detected sporadically across the site. Trichloroethane exceeded its PRG in groundwater at a location near Building 604. Trichloroethane had been detected in the Site 38/Building 604 investigation (E/A&H, 1996f) and the building is the likely source. The detection has been incorporated into the Site 38 remedial investigation (RI) report.

9.2 Potential Routes of Migration

9.2.1 Leaching from Soil to Groundwater

Detected parameters in soil may be leached from the soil through downward percolation of rainwater toward the water table or through direct continual contact with groundwater when the

water table is elevated. Soil at the site is very permeable, resulting in quick infiltration and minimal contact time between percolating water and soil above the water table. However, large portions of the surface area above the IWTP sewer line are covered with buildings, concrete, or asphalt, limiting downward percolation onsite.

Supplemental sampling was performed at Site 9 (near Site 36) to determine if chemicals could leach in appreciable quantities to the shallow water-bearing zone, and if so, to define the maximum constituent concentrations that are still protective of groundwater. Three samples (009S002403, 009S002603, 009S002702) were collected at Site 9 from areas containing soil contamination in previous sampling phases. Samples were subsequently analyzed for the full CLP TCL/TAL list (Table 9-1). Additional aliquots were also subjected to the synthetic precipitate leaching procedure (SPLP). The leachate from the SPLP was analyzed for low-concentration CLP analysis. The multiple samples from each site represented a single soil type; thus, the samples from Site 9 represent Site 36 soil (E/A&H, 1996a).

To provide a frame of reference for evaluating the significance of reported SPLP leachate concentrations, they were compared to tap water RBCs from USEPA Region III's RBC Screening Table, June 3, 1996, and FDEP's updated FGGCs (listing primary and secondary standards and guidance concentrations), June 2, 1994. USEPA's RBC values were computed to correspond with an individual excess lifetime cancer risk of 1E-6 and/or a hazard quotient of 0.1, and are used as screening values. The FGGCs are considered applicable or relevant and appropriate requirements for this project. USEPA Region III RBCs and FGGCs are provided for reference in Table 9-1, and are collectively referred to as PRGs. A conservative dilution/attenuation factor (DAF) of 10 was assumed in accordance with Soil Screening Guidance, USEPA/OSWER, EPA/540/R-94/101, December 1994. Application of the DAF may be accomplished by dividing reported SPLP results by 10. The DAF adjusted results represent

Table 9-1
Site 9 CLP vs. SPLP Data Comparison

	009S002403		009S002603		009S002702				
Parameter	**CLP ppm**	**SPLP ppb**	**CLP ppm**	**SPLP ppb**	**CLP ppm**	**SPLP ppb**	**Tap Water RBC (ppb)**	**FGGC STD (ppb)**	**Basis for Standard**
Aluminum	423	ND	728	ND	12,100	**2,600[b]**	3,700 n	200	Secondary
Antimony	ND	ND	0.22	3.7	3.3	5.7	1.5 n	6	Primary
Arsenic	ND	ND	ND	**4.4[a]**	8	0	0.038 c	50	Primary
Barium	4.5	145	34.7	665	921	**4,060[a]**	260 n	2,000	Primary
Beryllium	ND	ND	0.08	**0.21[a]**	0.65	**0.2[a]**	0.016 c	0.5	Carcinogen
Cadmium	ND	2.2	1.745	12.5	28.6	**908[c]**	1.8 n	5	Primary
Chromium	0.83	ND	2.5	ND	262	88.8	18 n	100	Primary
Copper	4.3	23.1	20.75	127	2,270	**43,400[c]**	140 n	1,000	Secondary
Iron	430	58.8	2,020	42.5	22,500	1,260	NA	300	Secondary
Lead	9.7	56.9	126.5	**1,250[c]**	5,100	**61,100[c]**	15 n	15	Primary
Magnesium	25.1	7,870	165	1,030	3,290	5,970	NA	NA	Not Applicable
Manganese	17.1	69.2	24.9	153	231	**4,200[c]**	18 n	50	Secondary
Mercury	ND	ND	0.48	0.22	ND	0.26	1.1 n	2	Primary
Nickel	ND	3.3	1.2	4.4	60.5	**883[a]**	73 n	100	Primary
Selenium	ND	8.9	ND	11.8	1.8	20.6	18 n	50	Primary
Sodium	229	1,240,000	293	1,130,000	977	**1,870,000[b]**	NA	160,000	Primary
Thallium	ND	ND	ND	ND	ND	**15.7[a]**	0.29 n	2	Primary

Table 9-1
Site 9 CLP vs. SPLP Data Comparison

	009S002403		009S002603		009S002702				
Parameter	**CLP ppm**	**SPLP ppb**	**CLP ppm**	**SPLP ppb**	**CLP ppm**	**SPLP ppb**	**Tap Water RBC (ppb)**	**FGGC STD (ppb)**	**Basis for Standard**
Vanadium	0.85	0.75	73	1.3	4,090	0	26 n	49	Systemic Tox.
Zinc	7.4	159	72.5	1,080	4,090	**68,000[c]**	1,100 n	5,000	Secondary
Organic Carbon Frac.	NA	0.00112	NA	0.00453	NA	0.036	NA	NA	Not Applicable

Notes:

a — Indicated the SPLP concentration exceeds the tap water RBC when a DAF of 10 is applied.
b — Indicates the SPLP concentration exceeds the FGGC when a DAF of 10 is applied.
c — Indicates the SPLP concentration exceeds both the tap water RBC and the FGGC when a DAF of 10 is applied.
n — noncarcinogen
ND — Parameter was below detectable limits.
NA — Not applicable.

For duplicated samples, the average of the two hit values is reported if detected in both. If the compound was detected in only one duplicate sample, that value was reported.
CLP results presented in ppm and SPLP results in ppb unless otherwise noted.
Tap Water RBCs were derived from USEPA Region III's Risk-Based Concentration Tables, March 18, 1994 (hazard quotient goal = 0.1 and risk goal - 1E-6).
FDEP GW Standards were derived from the updated 1989 FGGCs Booklet (June 2, 1994).
Basis for Application indicates the chapter designation provided in updated 1989 FGGC Booklet (June 2, 1994).

the theoretical groundwater quality in the shallow groundwater directly beneath the source area immediately after leachate introduction.

Based upon the outcome of the RBC and FDEP groundwater guidance concentrations comparison to DAF-adjusted SPLP data, soil TCL/TAL analysis results were reevaluated. The purpose of this step was to estimate total soil concentrations protective of the underlying shallow water-bearing zone. It was necessary to estimate a range of values (if possible) based on concentrations which produced leachate levels that resulted in concentrations below the applicable groundwater standard. Every effort was made by the analyzing lab to ensure that CLP low-concentration quantitation limits were attained. The following paragraphs discuss the results of these analyses.

Table 9-1 shows SPLP data for soil along with groundwater PRGs. The adjusted concentrations of arsenic, barium, beryllium, cadmium, copper, lead, manganese, nickel, thallium, and zinc exceeded corresponding RBCs in at least one instance. The table also shows that at least one adjusted SPLP result for aluminum, cadmium, copper, lead, manganese, sodium, and zinc exceeded its corresponding FGGC. The SPLP results for sample 009S002702 showed the highest concentrations for every chemical detected, except arsenic and beryllium.

No arsenic was detected in the total TCL/TAL analysis for 009S002603, but its associated SPLP leachate contained 4.4 ppb. The adjusted leachate concentration is above the USEPA RBC. Because arsenic was not reported in the total soil analysis, there is no basis for establishing groundwater-protective soil concentrations. Thallium was not detected in any total soil analysis; and therefore, no approximation of groundwater-protective soil cleanup goals was possible. The situation is similar for beryllium, where essentially equal SPLP concentrations were produced by soil samples with total beryllium concentrations spanning an order of magnitude (0.06 to 0.65 ppm).

The groundwater PRGs for aluminum, barium, cadmium, copper, manganese, nickel, and zinc were exceeded exclusively in the adjusted SPLP results for sample 009S002702. A lead exceedance was shown in samples 009S002603 and 009S002702. The following shows total soil concentrations (in ppm) expected to bracket a level at which shallow groundwater protection could be ensured relative to the lower PRG.

Aluminum	728 to 12,100 ppm
Barium	34.7 to 921 ppm
Cadmium	1.75 to 28.6 ppm
Copper	20.75 to 2,270 ppm
Lead	9.7 to 126.5 ppm
Manganese	24.9 to 231 ppm
Nickel	1.2 to 60.5 ppm
Zinc	72.5 to 4,090 ppm

The PRGs for aluminum, copper, manganese, and zinc are organoleptically based secondary standards. Furthermore, local climatological and hydrogeologic conditions may result in a DAF above or below that used to adjust SPLP results.

Based on the leachability study and the lack of detection in groundwater, the concentrations of barium above the leachability PRG should not adversely impact groundwater.

9.2.2 Groundwater Transport

Metals in groundwater at Site 36 constitute most of the contaminants detected. Despite the prevalence of inorganics in groundwater at Site 36, these contaminants are not expected to be capable of significant mobility in the aquifer. Cation exchange or sorption on the surface of mineral grain, and precipitation under varying Eh-pH conditions in the aquifer generally keep most inorganics from migrating significant distances.

9.3 Contaminant Persistence

Persistence measures how long a given chemical will exist in a specific medium. Contaminant persistence in environmental media is a function of physical and chemical properties of a given class of compounds, the specific chemicals within each class found in the environment, and properties of the medium of concern.

Persistence of primary contaminants detected in Site 36 soil and groundwater is discussed below. Relevant classes of compounds are inorganics, VOCs, SVOCs, and pesticides.

9.3.1 Chemical and Physical Properties

Chemical and physical properties are discussed below along with a description of the significance of each property to volatilization, sorption, diffusion, dispersion, biodegradation, and other attenuation processes. Table 9-2 is an overview of chemical property behavior.

Chemical and physical properties relevant to the evaluation of fate and transport of organic contaminants include water solubility, vapor pressure, Henry's Law Constant, specific gravity, organic carbon partition coefficient, and half life. Water solubility, adsorption coefficient, and reduction-oxidation processes are properties of interest for inorganic contaminants.

Water Solubility

The solubility of a chemical in water is the maximum amount that will dissolve at a specified temperature. Chemicals with high solubility are relatively mobile in water and are more likely to leach from soil. These chemicals tend to have low volatilization potential but may be biodegradable. Chemicals with low water solubility are more apt to adsorb on soil and are not readily biodegradable.

Table 9-2
Chemical Properties

Chemical Property	Critical Value	High (>)	Low (<)
Vapor Pressure	10^{-6} mm Hg	volatile	nonvolatile
Density[a]	0.75 to 1.25 g/cm³	> 1 g/cm³ sink/fall	< 1 g/cm³ float/rise
Solubility[a]	0 to 100 mg/L	leaches from soil, mobile in water, does not volatilize readily, degrades	absorbs to soil, volatilizes, does not degrade
Henry's Law Constant	$5x10^{-3}$ to $5x10^{-6}$ atm-m³/mole	high volatilization	low volatilization
Half-Life	biologically dependent	does not degrade readily	degrades readily
Log Octonal/Water Coefficient[a]	2 to 10	remains in soil	move and diffuses in water
Molecular Weight	400 g/mole	parts of the above may not hold true; more detailed effects must be evaluated	all of the above hold true

Notes:

[a] — Determinations for the Critical Ranges were based on literature review and professional judgment.
mm Hg — millimeters mercury
g/cm³ — grams per cubic centimeter
atm-m³/mole — atmospheres-cubic meter per mole
g/mole — grams per mole
mg/L — milligrams per liter

Vapor Pressure

The vapor pressure of a liquid or solid is the pressure of the gas in equilibrium with respect to the liquid or solid at a given temperature. It represents a compound's tendency to evaporate. From soil, the vapor pressure determines the volatilization of a chemical to the atmosphere. A chemical with a vapor pressure less than 10^{-6} millimeters of mercury (mm Hg) will tend to associate with particulate matter, whereas at a higher vapor pressure the chemical tends to

associate with the vapor phase. Compounds with high water solubilities show little volatilization from water or moist soil unless they have high vapor pressures.

Henry's Law Constant

Henry's law states that the amount (i.e., mole fraction) of a slightly soluble gas dissolved in a liquid is proportional to the partial pressure of the gas. The Henry's Law Constant, with units of atmospheres-cubic meter per mole, describes a linear relationship between vapor pressure and water solubility, providing a measure of a chemical's ability to move from water or soil to air. The following describes the relative volatilization that can be expected from a chemical, based on the Henry's Law Constant:

- Greater than 10^{-3} — will readily volatilize
- 10^{-3} to 10^{-5} — moderate volatilization
- Less than 10^{-5} — limited volatilization

Specific Gravity

Specific gravity is the dimensionless ratio of a fluid's density to a standard reference density. For liquids and solids, the reference is the density of pure water, 1 gram per cubic centimeter. A substance with a specific gravity lighter than water tends to float; conversely, compounds with densities greater than water tend to sink. Typically, the specific gravity of a compound impacts its ability to vertically penetrate within the zone of saturation when the compound is present as a free-phase liquid (i.e., free product). The vertical migration of dissolved-phase compounds within the zone of saturation is not as greatly influenced by density differences. Therefore, the vertical penetration of dissolved-phase compounds tends to be more associated with site-specific characteristics such as hydrogeologic considerations. Specific gravity can be used to estimate the potential vertical extent of the immiscible portion of a chemical in water.

Organic Carbon Partition Coefficient

The organic carbon partition coefficient (K_{oc}) measures the degree to which an organic substance will preferentially dissolve in water or in an organic solvent. The typical range of K_{oc} values is from 1 to 10 milliliters per gram, with higher values indicating a greater tendency to remain sorbed. Chemicals moving through the subsurface will alternately adsorb or desorb from available organic matter in the soil matrix; therefore, the organic content of the soil should be known. The higher the K_{oc} values, the lower the mobility in the subsurface due to the tendency of a chemical to sorb to the organic fraction (f_{oc}) of soil.

Distribution Coefficient

The distribution coefficient (K_d) is a valid representation of the partitioning between liquid and solids. The larger the K_d value, the greater the sorption to the solid phase. A K_d value may be estimated from the K_{oc} of the chemical and the fraction of organic carbon in the soil:

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

Retardation Factor

During transport processes, some degree of contaminant mass transfer by adsorption from the pore water to the solid part of the porous medium will retard the advance rate of the contaminant front. The retardation of the contaminant front relative to the bulk mass of water is described by the following equation:

$$R = 1 + \frac{p_b}{n} K_d$$

where:

- R = retardation factor, dimensionless
- p_b = bulk mass density of the porous medium, grams per cubic centimeter
- n = porosity, fraction
- K_d = solid-liquid partition coefficient, milliliters per gram

A retardation factor of 10 would imply that the contaminant plume moves 10 times slower than the local groundwater velocity.

Half-Life

Half-life is the time required for a substance's concentration to decrease from its initial level by 50%. The apparent decrease may be caused by various processes, including biodegradation.

Oxidation and Reduction Processes

Oxidation-reduction reactions (redox) involve the transfer of electrons from one compound to another. Specifically, one reactant is oxidized, and the other reactant is reduced. The terms pH and Eh are used to characterize redox conditions. Graphs that show the equilibrium occurrence of ions or minerals as domains relative to pH or Eh are known as pH-Eh diagrams. These diagrams help describe the state of inorganics in the subsurface (i.e., whether it remains in a solid [immobile] state or is in an aqueous [mobile] state).

9.3.2 Inorganics

Unlike organic compounds, inorganic compounds do not degrade in the environment, but they may change chemical form. The sources of trace metals are associated with both natural processes of chemical weathering and soil leaching as well as human activities. They are generally considered to be indefinitely persistent. Metals may interact with soil or other solids by ion exchange, adsorption, precipitation, or complexation. These processes are affected by pH, composition, leachate, or groundwater oxidation-reduction processes, and the type and amount of organic matter, minerals, and clay present. Extreme pH and Eh (oxidation-reduction) conditions can significantly increase the solubility and mobility of metals. Therefore, the availability of the metal in the medium, the composition of groundwater, and the adsorption capacity of the soil determine the fate and transport of the metal in the environment.

Inorganics identified as above PRGs were detected in surface and subsurface soil, and in groundwater. The contaminants in soil are arsenic (surface soil), chromium (surface and subsurface), iron (surface soil), and barium (subsurface). The contaminants in groundwater are manganese, iron, lead, aluminum, antimony, and sodium. Except for iron (36GR17), none of the contaminants exceeded PRGs in both soil and groundwater at the same location. However, based on the leachability study, the detected barium concentrations should not adversely impact groundwater. Chromium concerns are based on comparison of total chromium concentrations to hexavalent chromium standards. Trivalent chromium standards were not exceeded.

9.3.3 Volatile Organic Compounds

Based on their physical and chemical characteristics, VOCs can be expected to be mobile in the environment with potential to volatilize to the atmosphere, leach to groundwater, discharge to surface water, and to move with groundwater flow in the zone of saturation as a dissolved phase. Relative to other compound classes, VOCs have low molecular weight and high water solubility, vapor pressure, and Henry's Law Constant, along with a corresponding low K_{oc}. Relative to chemicals in other classes, many VOCs tend to have relatively short half-lives in groundwater. VOCs have a limited tendency to adsorb to soil and can be expected to be moderately to highly mobile in the environment.

VOCs identified as above PRGs was found only in groundwater, suggesting other petroleum and IRP sites may be the contaminant sources. The contaminants are xylene, chloromethane, trichloroethene, 1,1,2-trichloroethane, ethylbenzene, and benzene.

9.3.4 Semivolatile Organic Compounds

SVOCs generally have higher molecular weights and lower solubilities, vapor pressures, and Henry's Law Constants than VOCs. Because of higher K_{oc}, SVOCs tend to sorb to solids and are relatively immobile in the environment. These characteristics lead to a likelihood of greater persistence but lower mobility of SVOCs in the environment than VOCs.

SVOCs identified as above PRGs were detected in soil and in groundwater. The contaminants are phenol, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2,4-dichlorophenol, acenaphthene, carbazole, phenanthrene, benzo(a)pyrene, and naphthalene. PRG exceedances were not identified in both soil and groundwater at the same location, suggesting that the detected values are not adversely impacting groundwater.

9.3.5 Pesticides

Scientific literature on pesticides suggests several important soil-related variables that are critical to the mobility and persistence of pesticides in soil. Generally pesticides are "relatively immobile." However, these compounds may move through diffusion and mass transport.

The presence of an electrical charge in the soil matrix, the soil pH, and the organic matter content all affect the adsorbent efficiency of pesticides. The adsorptive coefficient, K_d, may be used as a relative measure of a soil's adsorptive capacity for a particular pesticide. Nearly all pesticides and many other organic substances that make their way to the land surface, and hence into the soil zone, undergo biochemical degradation.

The only pesticide above its PRG is dieldrin in subsurface soil. Dieldrin was not detected in groundwater, suggesting that the detected values are not adversely impacting groundwater.

9.4 Potential Receptors

The primary receptor impacted at Site 36 is the surficial aquifer. However, the surficial aquifer is not a drinking water supply for NAS Pensacola. For potable water, NAS Pensacola depends on an offsite water source provided from main producing zone source wells at Corry Field, approximately three miles to the north. The relatively low concentrations of the contaminants and the amount of dilution they (specifically the organic compounds) are likely to undergo minimize the impact to any potential receptors.

Additional potential receptors include adjacent waters of Pensacola Bay, and wetlands adjacent to Building 3380 (investigative area 63A). However, the partitioning of contaminants as groundwater moves through the aquifer matrix before reaching adjacent surface water bodies minimizes the potential impact to the bay and surrounding wetlands. By comparing groundwater results in the monitoring wells closest to the wetlands to surface water quality standards, a conservative estimate of impact may be obtained. This comparison does not account for natural attenuation, dilution, or partitioning of contaminants. The comparison to freshwater surface water standards for monitoring wells 36GR56, 36GMW31, 36TW01, 36TW09, and 36TW13 for wetland 63A is provided in Table 9-3. Parameters of concern include chromium, iron, lead, 1,4-dichlorobenzene, benzene, and chlorobenzene. Wetland 63A will be further evaluated during the Sites 41 RI.

Because an additional monitoring well was installed downgradient of 36GR42 and sampled only for inorganics, the comparison to saltwater standards is divided by organics and inorganics. The comparison of organic parameters to saltwater standards for monitoring wells 36GR42, 36GR43, 36GR44, and 36GR51 for Pensacola Bay is provided in Table 9-4. 36GR54 was not compared to surface water standards because the contaminants detected will be addressed in the Site 20 investigation under the petroleum program. The comparison of inorganics to saltwater standards for monitoring wells 36GR51 and 36GR60 for Pensacola Bay is provided in Table 9-5. Parameters exceeding the surface water standards include phenanthrene, iron, and zinc. Pensacola Bay has been investigated as Site 42 and will be recommended for no further action in the RI report (E/A&H, *in press*).

Table 9-3
Groundwater Comparison to Surface Water Standards for Fresh Water (ppb)

Parameter	Standard	36GMW31	36TW01	36TW09	36TW13	36GR56
Inorganics						
Aluminum	NS	98.7	ND	ND	86.9	NA
Arsenic	50[b]	4.3	3.8	ND	3.7	NA
Barium	NS	31.7	52.1	32.6	11.5	NA
Calcium	NS	39,700	31,800	46,700	43,600	NA
Chromium	11[a,b]	ND	7.2	ND	**19.3**	NA
Iron	1,000[b]	**2,150**	**1,110***	847	269	NA
Lead	1.32[a,b]	**7.7**	**2.2**	ND	ND	NA
Magnesium	NS	2,300	2,260	10,500	6,520	NA
Inorganics						
Manganese	NS	112	53.9	71.6	16	NA
Potassium	NS	ND	1,520	1,540	1,040	NA
Sodium	NS	4,850	8,830	8,420	8,250	NA
Vanadium	NS	ND	ND	ND	4.6	NA
Zinc	58.9[a,b]	ND	ND	ND	6.3	NA
SVOCs						
1,3-Dichlorobenzene	50.2[a]	ND	8	ND	ND	1
1,4-Dichlorobenzene	11.2[a]	ND	**20**	ND	ND	10
1,2-Dichlorobenzene	15.8[a]	ND	1	ND	ND	4
Acenaphthene	2.7[b]	ND	2	ND	ND	NA
1,2-Dichloroethane	2,000[a]	ND	2	ND	ND	ND
VOCs						
Benzene	53[a]	ND	**62**	ND	ND	8
MIBK	NS	ND	2	ND	ND	ND
Chlorobenzene	195[a]	ND	**400**	ND	ND	**710**

Notes:
a — USEPA Surface Water Standard for Fresh Water
b — FDEP Surface Water Standard for Fresh Water
NS — No standard established
ND — Not detected
NA — Not analyzed
Bold denotes a surface water standard exceedance.
* — Concentration is below reference concentration for iron in groundwater of 1,707.8 ppb.

Table 9-4
Comparison of Detected Organic Parameters in Groundwater to Surface Water Standards for Saltwater (ppb)

Parameter	Standard	36GR42	36GR43	36GR44	36GR51
SVOCs					
3-Methylphenol/4-Methylphenol	NS	ND	2	ND	ND
Napthalene	23.5[b]	ND	ND	1.4	ND
Acenaphthene	2.7[a]	ND	ND	ND	0.65
Butylbenzylphthalate	29.4[b]	0.42	ND	0.6	ND
Phenanthrene	0.031[a]	ND	ND	**1.3**	ND
Pyrene	11[a]	ND	ND	0.25	ND
VOCs					
1,2-Dichloroethane	1,130[b]	ND	0.6	ND	ND
Acetone	NS	ND	14	ND	ND
Toluene	37[b]	ND	0.2	ND	0.1

Notes:
a — Florida Surface Water Standard for Saltwater
b — USEPA Surface Water Standard for Saltwater
NS — No standard established
ND — Not detected
NA — Not analyzed
* — Below reference concentration for iron in groundwater of 1707.8 ppb.
Bold denotes a surface water standard exceedance.

Table 9-5
Comparison of Detected Inorganic Parameters in Groundwater to Surface Water Standards for Saltwater (ppb)

Parameter	Standard	36GR60	36GR51
Antimony	4,300[a]	ND	3.7
Barium	NS	90	239
Calcium	NS	43,000	79,700
Iron	300[a]	ND	**390***
Lead	5.6[a]	4	ND
Magnesium	NS	3,100	21,000
Manganese	NS	ND	166
Potassium	NS	3,000	7,740
Sodium	NS	7,300	203,000
Zinc	86[a,b]	**140**	ND

Notes:
a — Florida Surface Water Standard for Saltwater
b — USEPA Surface Water Standard for Saltwater
NS — No standard established
ND — Not detected
NA — Not analyzed
* — Below reference concentration for iron in groundwater of 1,707.8 ppb.
Bold denotes a surface water standard exceedance.

10.0 CONCLUSIONS AND RECOMMENDATIONS

This investigation's objectives were to identify the nature and extent of contamination in soil and groundwater at Site 36. The following section summarizes the findings and recommends subsequent remedial actions.

Historical records indicate that activities within the Chevalier Field area may have impacted Site 36 over the years.

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

Groundwater in the uppermost part of the surficial zone of the Sand-and-Gravel Aquifer generally flows from the west central portion of the site to the northeast, east, and southeast in a radial fashion.

Analytical data results for Site 36 follow:

- Site 36 soil contains localized concentrations of arsenic, total chromium, and iron above surface soil PRGs. Total chromium and barium exceeded leachability PRGs at one and four locations, respectively. Benzo(a)pyrene exceeded its surface soil PRG at two locations. Benzo(a)anthracene and naphthalene exceeded their leachability PRGs at one location. Dieldrin exceeded its leachability PRG at seven locations.

- In the Building 3380 area, cadmium exceeded its leachability PRG and iron exceeded its surface soil location at one location each.

- Groundwater contains ubiquitous inorganic constituents above PRGs that are consistent with the general quality of groundwater at NAS Pensacola and the Sand-and-Gravel aquifer in southern Escambia County. Antimony, aluminum, iron, manganese, lead, and sodium exceeded their PRGs in groundwater. Only lead and sodium are primary drinking water standards. Lead exceeded its PRG (15 ppb) at seven monitoring wells. Sodium also exceeded its primary standard in monitoring wells 36GR52 and 36GR54 which are near Pensacola Bay.

- As discussed in Section 2, the IWTP sewer line is near the AVGAS line and four former USTs. Lead detections in groundwater in the southeast portion of Chevalier Field may be attributable to the nearby petroleum sites (UST Sites 11 and 12). Monitoring wells completed during this investigation are near the USTs or are downgradient. Lead detections exceed the MCL/FPDWS of 15 ppb, but are below the Florida petroleum program's no-further-action level for lead of 50 ppb. Temporary monitoring well 36GR54 was completed near Site 20, which is currently being investigated under the auspices of the Florida petroleum program. Temporary monitoring well 36GR52 is adjacent to Site 38 and will be addressed with that site.

- Organic constituents above PRGs in groundwater were generally limited to two monitoring wells (36GR54 and 36GMW35) and were sporadically detected in other monitoring wells. Monitoring well 36GR54 had exceedances of seven petroleum-related constituents. The well is in the area of Site 20, a site currently being investigated under the Florida petroleum program. Monitoring well 36GR14 had exceedances of chloromethane and xylene, which are likely attributable to petroleum Site 8, UST 130. Trichloroethene was detected at 36GR52, which is adjacent to Site 38, the likely source. The only other wells to have USEPA and FDEP primary drinking water standard exceedances were 36GMW35 (benzene and 1,4-dichlorobenzene) and 36TW01 (benzene) in the area of Buildings 3380 and 2662. An additional monitoring well installed during

Phase II downgradient of monitoring well 36GMW35 showed the detected concentrations of contaminants are decreasing.

The primary receiving aquifer within the Site 36 area is the surficial zone of the Sand-and-Gravel aquifer. Currently, groundwater within the surficial zone is not used for any purpose at NAS Pensacola because of its poor quality. The potential for saltwater intrusion from pumping in this area near Pensacola Bay makes the water unsuitable for consumption. Potable water for NAS Pensacola is provided from Corry Station, approximately 3 miles away. Elsewhere in southern Escambia County, it is typically used after being filtered, a treatment effective for constituents detected on Site 36.

The primary surface water body receptors are the adjacent wetlands (Wetland 63) and Pensacola Bay. Since most of the site area is paved, or covered by a building or fill material, leaching and sediment transport are not viable pathways for constituent transport. The groundwater analytical results were compared to surface water standards for the most downgradient monitoring well closest to the surface water body to assess potential impact. For Wetland 63, the parameters of concern (e.g., exceeding surface water standards) are chromium, iron, lead, 1,4-dichlorobenzene, benzene, and chlorobenzene. For Pensacola Bay, the parameters of concern are phenanthrene, iron, and zinc. Contaminant migration is conservatively estimated to equal the average calculated groundwater velocity of 0.293 ft/day. This, coupled with the low concentrations of contaminants, retardation, mechanical dispersion, and chemical diffusion, minimizes impact of constituents in groundwater to nearby surface waters. The NAS Pensacola wetlands will be further evaluated during the Site 41 RI. Pensacola Bay has been investigated as Site 42 and will be recommended for no further action in the RI report.

VOCs did not exceed PRGs in soil, but exceeded PRGs in five groundwater samples. Many of the VOCs detected are petroleum constituents, suggesting the nearby petroleum sites as the likely

sources. Site 38 is the likely source for the trichloroethene exceedance at monitoring well 36GR50 near Building 604.

Benzo(a)pyrene, benzo(a)anthracene, and naphthalene were detected in Site 36 soil above PRGs. The parameters were not detected in groundwater collected from the monitoring wells directly associated with the soil borings. In the case of a removal action, the parameters were not detected in the monitoring wells that were installed before the removal action.
The only pesticide to exceed its PRG in soil is dieldrin. Dieldrin did not exceed its PRG in groundwater, suggesting that no appreciable amount of leaching is occurring.

Inorganics exceeding reference concentrations and PRGs in soil include arsenic, barium, chromium, and iron. Except for iron, none of these parameters exceeded its PRG in soil and groundwater at the same location.

Groundwater contamination has been detected during other site investigations in the area (Site 38 and Site 20) and will be handled appropriately under those investigations. Soil contamination is overlain by pavement, fill, and buildings and is considered stable. Groundwater contamination is not directly attributable to Site 36 soil contamination because contaminants detected in groundwater monitoring wells were not detected in the soil samples collected from the borings directly associated with the monitoring wells.

Further delineation and assessment within the Site 36 area is unwarranted. It is further recommended that the site area does not warrant the detailed evaluation of risk associated with a baseline risk assessment. Therefore, no further action is recommended.

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12.0 FLORIDA PROFESSIONAL GEOLOGIST SEAL

I have read and approve of this Preliminary Site Characterization Report, NAS Pensacola Site 36 and seal it in accordance with Chapter 492 of the Florida Statutes. In sealing this document, I certify the geological information contained in it is true to the best of my knowledge and the geological methods and procedures included herein are consistent with currently accepted geological practices.

Name:	Brian E. Caldwell
License Number:	#1330
State:	Florida
Expiration Date:	July 31, 1997

B Caldwell

Brian E. Caldwell

4-23-97

Date

Appendix A
Telespection Report

PWC Teleinspection Report

July 30, 1987

30 July, 1987

From: Code 461.3

To: Code 670

Via: Code 460

Subj: TELESPECTION OF THE INDUSTRIAL WASTE COLLECTION SYSTEM

Encl: (1) Condition Reports

(2) Updated Drawings

1. A telespection of the Industrial Waste Collection System was conducted on all lines eight inch (8") through eighteen (18") which had access to each end and could be cleaned and strung. The inspection consisted of inspecting piping and manholes for cracks, separations, infiltration (ground water and roots) low areas and cleanliness. During the course of inspection there were no major deficiencies noticed, only small amounts of groundwater seepage was detected. One section of line has several cracked areas. Cracks are dripping groundwater. This section is 12" V. C. and is located between manhole C-2 and manhole C-3 (NAVFAC Drawing #5152540 - Sheet 2 of 6). There is only one section that has root infiltration, (very small fiber roots, no groundwater infiltration noticed) NAVFAC Drawing #5152545, sheet 5 of 6. Two areas of the system could not be cleaned or inspected due to soft sand and heavily wooded terrain we could not get the jet wash unit or telespection van to the work site.

These areas are located on NAVFAC Drawings #5152544, 45 and 46. The soft sand areas is 15" V. C. main that runs from lift station 3437 (manhole A-1 to manhole B-5, including 8" V. C. lateral from Building 3819, manhole B-1-A to manhole B-1) and 8" V. C. lateral from manhole B-3 to B-3-2. There are approximate 280 linear feet of 15" V. C. piping in this area. These lines could be cleaned and telespected if the equipment was towed to each work site. There are seven (7) manholes to be cleaned and inspected in this area.

2. The heavily wooded area is located south of Building 649. The lines affected are: 15" V. C. main from manhole B-5 to manhole B-7. NAVFAC Drawing #5152546. There are four (4) manholes to be cleaned and inspected in this area. There are approximate 356 L. F. of 15" V. C. piping in this area. This area has heavy sludge buildup and needs cleaning very badly. It is the main trunk line from Buildings 648, 649, 755 and 2691.

3. The 15" V. C. main running from manhole A-10 N. W. of Building 2662 on Chevalier Field to manhole A-4, south of lift station no. 2, Building 3437 and the 18" V. C. main, running from manhole A-4 to manhole A-1, at lift station no. 2, Building 3437, these lines could not be cleaned with the rental jet wash unit. The jet wash unit could only put out approximately 800 pounds to 1,000 pounds of water pressure. Most of these lines were washed several times. Several barrels of sludge, sand and paint strippings were removed from system. The wash unit could not penetrate some of these lines. There are approximately 2,438 L. F. of 15" V. C. piping and approximately 1,124 L. F. of 18" piping in this section. These lines are located on NAVFAC Drawings #5152543 and 44, sheet 3 of 6 and 4 or 6.

These lines need cleaning very badly. Lines could be cleaned more efficiently with a jet vacuum unit. The process we are using is very slow. Large amounts of debris are entering manholes and clogging the system. This debris has to be hand dipped from top side of manholes (manholes approximately 10 to 12 feet deep) there are fifteen (15) manholes to be cleaned and inspected in this area.

4. During the process of inspection NAVFAC Drawings were up-dated. New manholes and lines were located. There are two (2) open grate manholes in the system which allow large amounts of sand and rainwater to enter. These manholes are: Manhole A-7, located southwest corner of Building 3460, NAVFAC Drawing 5152543, and manhole B-7-D, located northwest of Building 755, NAVFAC Drawing 5152546. At manhole B-7-D, approximately three (3 each) 55 gallon drums of sand were removed from manhole and lines. The overall condition of the areas telespected is good. The entire system is overdue for cleaning.

5. A detailed Inspection Report showing condition of each area and manholes is submitted with this report. Also a set of NAVFAC Drawings #5152541 - 5152546, with corrections is submitted. See daily reports and NAVFAC Drawings for more details.

Reclean and telespect lines (Chevalier Field)

15" V.C. 2,438 L. F.

18" V. C. 1,124 L. F. 3,562 L. F.

Including 15 each manholes

Soft ground area, clean and telespect (possible)

8" V. C. 280 L. F.

15" V. C. 938 L. F. 1,218 L. F.

Including 7 each manholes

Heavily wooded area

15" V. C. 356 L. F.

Including 4 each manholes

problem getting to work site

****OUTAGES MAY BE REQUIRED*****

Gordon Flirt

GORDON FLIRT

NAV BLIC WORKS CENTER
BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/1/87 SET UP 1
AREA S-E-CORNER
STREET B-72.

PIPE CONDITION SEE BELOW
MANHOLE CONDITION Good.
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ← FROM CENTER OF MANHOLE

MANHOLE NO. PIT No 1 Good.

37 FT. CTC M.H's

DIRECTION OF FLOW ⟷ ←

WITH FLOW

MANHOLE NO. C-1 Good

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
30 FT.		✓	✓				7/1/87	CRACKED Hub, NO INFILTRATION NOTICED
37 FT.							7/1/87	CTC M.H's
								NOTE: LINE AND M.H's HAD SEVERE Build-up of PAINT STRIPINGS AND Sludge. HAD TO WASH SEVERAL TIMES. REMOVED A 55 GAL. Drum of STRIPING AND Sludge from M.H's AND LINE. (SEE PHOTO) LINE IS CLEAN AND IN Good CONDITION, EXCEPT FOR 1 CRACKED JOINT. NO INFILTRATION NOTICED.

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/1/8 SET UP
AREA S.E. CORNER
STREET B-72

PIPE CONDITION SEE BELOW
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 12"
TYPE OF PIPE V.C.
TYPE OF JOINT HUB & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ←→ ← FROM CENTER OF MANHOLE

MANHOLE NO. C-1 Good

66FT. CTC M-H'S

DIRECTION OF FLOW ←→ ← WITH FLOW

MANHOLE NO. C-2 Good

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
50FT.		✓	✓				7/1/87	CRACKED JOINT, Ground WATER INFILTRATING (dripping)
66FT.								CTC M-H'S
								NOTE: Had to wash several times to Remove Debris. Line is clean and in Good Condition, except for 1 cracked joint. Ground water dripping thru crack.

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/1/87 SET UP

AREA S. of B-71

STREET

PIPE CONDITION SEE BELOW

MANHOLE CONDITION SEE BELOW

INSPECTOR FLIRT.

REMARKS SEE BELOW

PIPE SIZE 12"

TYPE OF PIPE V.C.

TYPE OF JOINT Hub & SPIGOT

JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. C-2 Good

176 FT. C TO C M.H'S

DIRECTION OF FLOW ⟷ ⟵ WITH FLOW

MANHOLE NO. C-3 REWORK BOTTOM

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
6 FT.	✓	✓	✓				7/1/87	CRACKED Hub, Ground WATER INFILTRATING, DRIPPING
11 FT.		✓	✓					" " " " " "
36 FT.	✓	✓						" " " " " "
41 FT.	✓	✓						" " " " " "
46 FT.	✓	✓						" " " " " "
51 FT.			✓					" " " " " "
55 FT.		✓						" " " " "
60 FT.				✓				" " " " " "
71 FT.								M.H' NOT SHOWN ON PRINT, COVERED BY CONCRETE
99 FT.	✓			✓				LEAKING JOINT, DRIPPING.
110 FT.	✓	✓						CRACKED JOINT, DRIPPING
118 FT.		✓	✓					CAMERA HALF UNDER WATER, LINE SEEMS TO BE LOW
176 FT.								CAMERA STILL UNDER WATER
76 FT.							7/1/87	C TO C M.H'S NOTE: HAD TO WASH SEVERAL TIMES.
								LINE HAS SEVERAL CRACKS THAT ARE LEAKING.
								FOUND COVERED M.H. LINE IS CLEAN: M.H. C-3,
								BOTTOM NEEDS RE-WORKED.

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/2/87 SET UP 1
AREA E-04 & 71
STREET

PIPE CONDITION Good
MANHOLE CONDITION RE-WORK BOTTOMS
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 12"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ←→ ← FROM CENTER OF MANHOLE

MANHOLE NO. C-3 — 164 FT. CTC M.H'S — WITH FLOW — MANHOLE NO. C-6

DIRECTION OF FLOW →← ←

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
58FT.			✓				7/2/87	HAIRLINE CRACK, NO INFILTRATION
164FT.							7/2/87	CTC M.H'S
								NOTE: LINE HAD TO BE WASHED SEVERAL TIMES. LINE WAS HALF FULL OF SAND AND STRIPINGS, LINE IS CLEAN AND IN GOOD CONDITION, EXCEPT FOR 1 SMALL CRACK. NO PROBLEM AT THIS TIME. M.H'S NEED BOTTOM'S RE-WORKED.

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/7/ SET UP
AREA N.E. of B-71
STREET

PIPE CONDITION SEE BELOW (UNKNOWN)
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 12"
TYPE OF PIPE V.C.
TYPE OF JOINT HUB & SPIGOT
JOB FOREMAN

MANHOLE NO. C-6 (C)
DIRECTION OF MEASUREMENT ← FROM CENTER OF MANHOLE
MANHOLE NO. C-7 (C)
QUADRANT 1 / 3

HIFT. ETC M-H's WITH FLOW
RE-WORK DIRECTION OF FLOW
Bottom
Good

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	QUADRANT 2	QUADRANT 3	QUADRANT 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
2FT.		✓	✓				7/7/87	2" TO 3" of WATER IN LINE
12FT.		✓	✓					3" TO 6" of WATER IN LINE
16FT.	✓	✓	✓	✓				CAMERA under WATER; CAN NOT SEE.
HIFT.							7/7/87	ETC M-H's
								NOTE: LINE IS CLEAN. HAD TO BE WASHED SEVERAL TIMES. LINE SEEMS TO BE LOW. LINE IS HOLDING WATER. NO FLOW IN LINE. COULD NOT SEE PIPE AFTER 16 FT.

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE [illegible]
AREA S.W.O. 8-104
STREET

PIPE CONDITION
MANHOLE CONDITION
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE U.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. C-4

MANHOLE NO. C-3

DIRECTION OF FLOW → ←

QUADRANT 1 / 3

RE-WORK BOTTOM

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					Could NOT T.V. Line, NO ACCESS AT
					M.H C-4. PIPING IN M.H.

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/7/8 SET UP 4
AREA S.E. CORNER
STREET B-604

PIPE CONDITION UNKNOWN
MANHOLE CONDITION
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT RUB & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. D-3 Good.

DIRECTION OF FLOW → ←

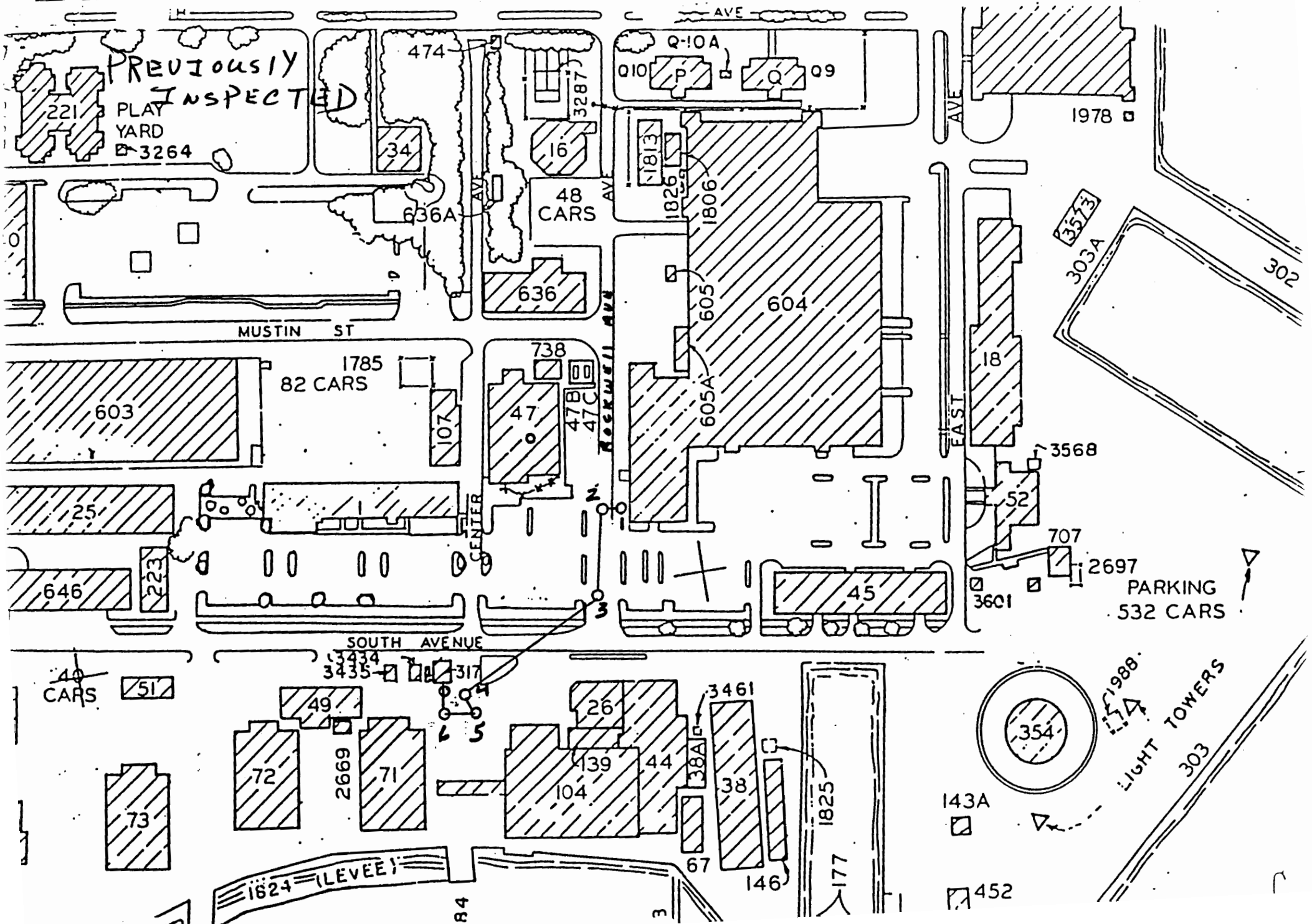
MANHOLE NO. D-7 Grout Around Pipes

QUADRANT 1 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					Could not T.V. Due to Pump in M-H-D-7
					And Line full of WATER

11-8-86 INDUSTRIAL WASTE TEIESPECTION NO 114



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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 11-8-86 SET UP 1
AREA S.W. of 3-604
STREET ROCKWELL AVE.

PIPE CONDITION Good
MANHOLE CONDITION Good
INSPECTOR G. FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE PVC
TYPE OF JOINT NONE

MANHOLE NO. 2 (C) — DIRECTION OF MEASUREMENT ← FROM CENTER OF MANHOLE — MANHOLE NO. 1 (C)

18 FT. CTC MH'S

DIRECTION OF FLOW → AGAINST FLOW ←

QUADRANT 1 2 3 4

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
18 FT.					—	—	11-8-86	18 FT. CTC MANHOLES.
								NOTE: PIPE IS CLEAN AND IN GOOD CONDITION. MANHOLES HAVE NEWLY BUILT BOTTOMS.

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LDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 11-8-86 SET UP 2
AREA S.W. of B-604
STREET ROCKWELL AVE.

PIPE CONDITION Good
MANHOLE CONDITION SEE BELOW
INSPECTOR G. FLIRT.
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT

MANHOLE NO. 2 — DIRECTION OF MEASUREMENT ← FROM CENTER OF MANHOLE — MANHOLE NO. 3

127 FT. CTC MH'S

DIRECTION OF FLOW → WITH FLOW ←

QUADRANT 1 2 3 4

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
127 FT.		—	—	11-8-86	CTC MH'S
					NOTE: PIPE IS CLEAN AND IN GOOD CONDITION. NO SIGNS of SAND OR INFILTRATION NOTICED. MH #2 IS IN GOOD CONDITION. MH #3 - GROUTE AROUND 2 EA 3/4" PIPES IN WALL of M.H. RECONNECT DISCHARGE LINE TO SUMP PUMP. (3/4" PVC)

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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE [illegible]
AREA S.W. of -604
STREET ROCKWELL AVE. & SOUTH AVE.

E CONDITION SEE Below
NHOLE CONDITION SEE Below
SPECTOR G. FLIRT
MARKS SEE Below

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT

DIRECTION OF MEASUREMENT ⟷ ← FROM CENTER OF MANHOLE

MANHOLE NO. C H — 242 FT. CTC MH'S — MANHOLE NO. C 3

DIRECTION OF FLOW → ← AGAINST FLOW

SEE SET #2

QUADRANT 1 5

T. V. INSPECTION

TANCE ADING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
4FT.	✓			✓	YES	1	11-8-86	Ground WATER INFILTRATING AT JOINT.
0FT.		✓	✓		—	—	"	BELLY STARTS, LINE 1/2 full of WATER
5FT.					—	—	"	OUT of BELLY
42FT					—	—	11-8-86	CTC MH'S

NOTE: LINE IS IN Good CONDITION, EXCEPT for ONE JOINT LEAKING, SMALL BELLY IN LINE CAUSING NO MAJOR PROBLEM AT THIS TIME. LINE HAS SMALL AMOUNTS of SCALE Build-up. M-H 4 H - REPLACE 5 EA. RUNGS AND REWORK BOTTOM of MANHOLE. Possible SAND INFILTRATING AT LEAKING JOINT.

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LDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 11-8-8 SET UP 1
AREA S.W. of 3-604
STREET SOUTH AVE. S.E. of B-317

PIPE CONDITION SEE BELOW
MANHOLE CONDITION SEE SET #3 for MH NO. 4
INSPECTOR G. FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT

DIRECTION OF MEASUREMENT ⟷ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. 4 — 36 FT. CTC MH'S — WITH Flow — MANHOLE NO. 5 Good

DIRECTION OF FLOW ⟷ ⟵

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE FROM MH	QUADRANT 1	QUADRANT 2	QUADRANT 3	QUADRANT 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
1 FT.	✓			✓	YES	1	11-8-86	SCALE Build-up. LINE Approx. 1/3 full of WATER. LINE NEEds CLEANING.
1 FT.		✓	✓		—	—	"	BELLY STARTS, LINE 1/2 full of WATER. SMALL Rocks About GolF BALL SIZE IN BoTTom of LINE.
5 FT.					—	—	"	out of Rocks
6 FT.					—	—	11-8-86	CTC MH'S out of BELLY

NOTE: LINE NEED CLEANING AND ROCKS REMOVED. SMALL BELLY CAUSING NO MAJOR PROBLEM AT THIS TIME.

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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE [illegible]
AREA S. of B 217
STREET SOUTH AVE.

E CONDITION: SEE BELOW
NHOLE CONDITION: Good
SPECTOR: G. FLIRT
MARKS: SEE BELOW

PIPE SIZE: 8"
TYPE OF PIPE: V.C.
TYPE OF JOINT: HUB & SPIGOT

C MANHOLE NO. 5 — DIRECTION OF MEASUREMENT ⟷ ← FROM CENTER OF MANHOLE — C MANHOLE NO. 6

68 FT. CTC MH'S — WITH FLOW

DIRECTION OF FLOW ⟷ ←

QUADRANT: 1 | 5

T. V. INSPECTION

TANCE ADING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
3 FT.	✓	✓			YES	1	11-8-86	LARGE AMOUNTS of SCALE BUILT-UP
4 FT.		✓	✓		—	—	"	BELLY STARTS LINE 2/3 full of WATER
2 FT.					—	—		OUT of BELLY
2 FT.	✓			✓	—	—	"	SCALE
8 FT.				"	—	—	11-8-86	CTC MH'S.

NOTE: NO SEEPAGE NOTICED AT JOINTS. LINE NEEDS CLEANING. SMALL BELLY IN LINE, CAUSING NO MAJOR PROBLEM AT THIS TIME.

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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INdusTRIAL WASTE

DATE 7/22, 2 SET UP L
AREA N. of B-
STREET 3557

PIPE CONDITION UNKNOWN
MANHOLE CONDITION SEE BELOW
INSPECTOR PLIRT.
REMARKS SEE BELOW

PIPE SIZE 10"
TYPE OF PIPE PVC
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ⟵ FROM CENTER OF MANHOLE

C MANHOLE NO. PIT Good

150 FT. CTEnd

DIRECTION OF FLOW ⟷ ⟵

C MANHOLE NO. A-1-B Good

QUADRANT 1 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
								NOTE: LINE HAS OFFSET AT PIT. Could NOT SET-up WENCH ASSEMBLY AT PIT. CAMERA Could NOT GET BY OFF-SET. LINE IS CLEAN. MH-A-1-B Good, M.H SHould bE PAINTED And STENCILED.

NAV BLIC WORKS CENTER
BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/22/87 SET UP
AREA N. OF L 3557
STREET

PIPE CONDITION Good
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 10"
TYPE OF PIPE PVC
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ← FROM CENTER OF MANHOLE

MANHOLE NO. A-1-A P/S — 304ft. CTC MH — AGAINST FLOW — MANHOLE NO. A-1-B P/S

DIRECTION OF FLOW → ←

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
245ft.			L	L			7/22/88	INLET 4" 1/2 PIPE FLOW
304ft.							7/22/87	CTC M.H's
								NOTE: LINE IS CLEAN AND IN GOOD CONDITION. 4" INLET AT 245ft. LINE IS FLOWING 1/2" FULL. M.H'S - PAINT AND STENCIL. M.H-A-1-A - RE GROUT TOP RING. RE-GROUT INLET AND OUTLET. GROUND WATER SEEPING IN.

NAV BLIC WORKS CENTER
BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/22/87 SEWER
AREA N.W. of -3557
STREET

PIPE CONDITION Good
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 10"
TYPE OF PIPE PVC
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ↔ ← FROM CENTER OF MANHOLE

MANHOLE NO. A-1-A (C)

352 FT. CTC M.H's WITH FLOW

RE-Grout DIRECTION OF FLOW → ←

MANHOLE NO. A-1 (C)

NEW Fiber GLASS WALL CRACKED

QUADRANT 1 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2	QUADRANT 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
352 A.					7/22/87	CTC M-H's
						NOTE: LINE IS CLEAN AND IN GOOD CONDITION. M.H- A-1-A, RE-GROUT INLET AND OUTLET. GROUND WATER INFILTRATING. PAINT AND STENCIL M-H- A-1-A, ALSO RE GROUT TOP RING. M.H- A-1 FiberGLASS, E-WALL CRACKED. NO INFILTRATION NOTICED. PRINT SHOWS LINE TO BE V-C. LINE IS POLYPROPLYENE.

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/87 SET UP 5

AREA S.E. of B-3220

STREET Under Ground Fuel Tanks

PIPE CONDITION Good

MANHOLE CONDITION SEE Below

INSPECTOR FLIRT

REMARKS SEE Below

PIPE SIZE 8"

TYPE OF PIPE V.C.

TYPE OF JOINT Hub & SPIGOT

JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ← FROM CENTER OF MANHOLE

MANHOLE NO. B-3-D P/S

180 Ft. CTC M.H's

WITH Flow

DIRECTION OF FLOW ⟷ ←

MANHOLE NO. B-3-E P/S

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	QUADRANT 2	QUADRANT 3	QUADRANT 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
118 Ft.			✓	✓			7/23/87	Small Fiber Roots, No Infiltration
123 Ft.				✓				" " " " "
138 Ft.				✓				" " " " "
164 Ft.	✓							" " " " "
180 Ft.				✓			7/23/87	CTC M.H's

NOTE: LINE IS CLEAN AND IN GOOD CONDITION. LINE HAS 4 JOINTS THAT HAVE VERY SMALL FIBER ROOTS. NO INFILTRATION OF GROUND WATER. M.H's GOOD. NEED TO BE PAINTED AND STENCILED. ROOTS ARE CAUSING NO PROBLEM AT THIS TIME.

PUBLIC WORKS CENTER
BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/87 SET UP
AREA S. of B-3220
STREET

PIPE CONDITION Good
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE PVC
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. B-3-E (C)

104 FT. CTC M.H'S

WITH FLOW

MANHOLE NO. B-3-1 (C)

DIRECTION OF FLOW ⟷ ⟵

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2	QUADRANT 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
104 ft.					7/23/87	CTC M.H'S
						NOTE: LINE IS CLEAN AND IN GOOD CONDITION.
						LINE IS NEW PUT IN BY CONTRACTOR.
						PAINT AND STENCIL M.H'S. M.H-B-3-1
						NUMBERED BY INSPECTOR, NEW M.H.
						M.H-B-3-1, HAS B-3-D COVER ON IT. M.H'S
						GOOD. M.H-B-3-1 AND INLET LINE NOT
						LOCATED ON DRAWING. LINE BETWEEN
						M.H-B-3-E AND M.H-B-3-2 (NUMBERED
						BY INSPECTOR), IS ABANDONED

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NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/87 SET UP
AREA S. of B-3220
STREET

PIPE CONDITION Good
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE Below

PIPE SIZE 8"
TYPE OF PIPE PVC
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ← FROM CENTER OF MANHOLE

MANHOLE NO. B-3-2 P/S

103 Ft. CTC M.H's

DIRECTION OF FLOW →

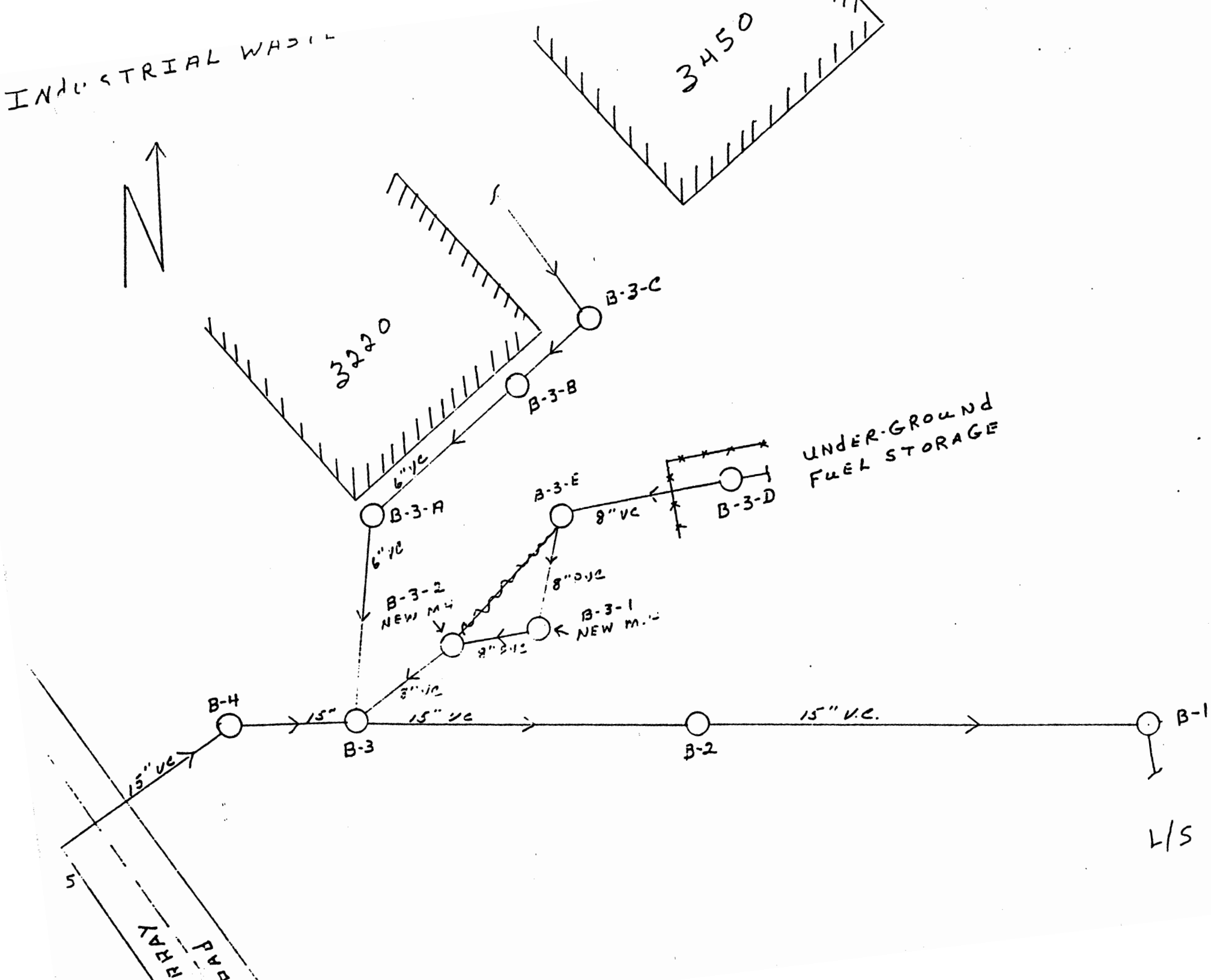
AGAINST Flow ←

MANHOLE NO. B-3-1 P/S

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
103 Ft.							7/23/87	CTC M.H's
								NOTE: LINE IS CLEAN AND IN GOOD CONDITION. NEW LINE, PUT IN BY CONTRACTOR. BOTH M.H'S ARE NEW. PAINT AND STENCIL M.H'S. M.H'S NUMBERED BY INSPECTOR. M.H'S AND LINE NOT LOCATED ON DRAWINGS.


INDUSTRIAL WASH
3450
3220
B-3-C
B-3-B
B-3-A
6" VC
6" VC
B-3-E
8" VC
B-3-D
UNDER-GROUND
FUEL STORAGE
B-3-2
NEW M.H.
B-3-1
NEW M.H.
8" VC
8" VC
8" VC
B-4
15"
B-3
15" VC
B-2
15" V.C.
B-1
15" VC
L/S
5

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TELESPECTION ORT

INDUSTRIAL WASTE

AREA S. of P 3220

STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION UNKNOWN
INSPECTOR FIRT
REMARKS SEE BELOW

PIPE SIZE 15" MAIN
TYPE OF PIPE V-C
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO.

MANHOLE NO.

QUADRANT 1 3

DIRECTION OF FLOW → ←

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					FROM M.H. B-1 TO M.H. B-5
					COULD NOT CLEAN OR TV, DUE TO
					WOODED AND SOFT TERRAIN. COULD
					NOT GET EQUIPEMENT TO JOB
					LOCATION. ALSO BETWEEN M.H. B-3 TO B-3-2
					LINE SHOULD BE CLEANED AND T.V.ED.
					CLEAN & T.V.

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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/26 SET UP 1
AREA S. of B-692
STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT HUB & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ← FROM CENTER OF MANHOLE

MANHOLE NO. B-7-F (C) — 15' etc M.H's — MANHOLE NO. B-7-E (C)

DIRECTION OF FLOW ⟷ ←

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					NOTE. Could not get camera into line. Paint and stencil M.H's. Re-work bottom of M.H. B-7-F, inlet approx. 2 ft. above bottom, causing bottom to wash out. M.H. B-7-E - Good. Line between these M.H's seems to be 6"

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NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/29/92 SET UP
AREA S. of E 192
STREET

PIPE CONDITION: UNKNOWN
MANHOLE CONDITION: SEE BELOW
INSPECTOR: FIRT.
REMARKS: SEE BELOW

PIPE SIZE: 10"
TYPE OF PIPE: V.C.
TYPE OF JOINT: Hub & SPIGOT
JOB FOREMAN:

MANHOLE NO. B-7-E (C) — DIRECTION OF MEASUREMENT ← FROM CENTER OF MANHOLE — MANHOLE NO. B-7-D (C)

57 Ft. etc m.H's

P/S — DIRECTION OF FLOW

QUADRANT: 1 / 3

OPEN COVER
P/S-RE WORK BOTTOM

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
57 ft.							7/29/92	etc m.H's.
								NOTE. T.V. ES LINE, CAMERA under WATER. m.H-B-7-D HAS BAD BOTTOM, HOLDING WATER, CAUSING WATER TO BACK-UP INTO m.H-B-7-E. RE-WORK BOTTOM of m.H B-7-D. m.H-B-7-D HAS GRATED COVER, LETTING SAND TO ENTER SYSTEM. LARGE AMOUNTS of SAND WAS REMOVED from m.H AND LINE GOING TO m.H-B-7-C.

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NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/29/87 SET UP
AREA W. of L 755
STREET

PIPE CONDITION Good
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 12"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. B-7-D — 3519 CTC M.H's RE-WORK BOTTOM

DIRECTION OF FLOW ⟷ ⟵ WITH FLOW

MANHOLE NO. B-7-C — INSIDE BLDG. P/S

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
3519				7/29/87	CTC M-H's
					NOTE: LINE IS CLEAN AND IN GOOD CONDITION. LINE HOLDING APPROX. 3" OF WATER DUE TO DOWN STREAM LINES, NEED CLEANING. DOWN STREAM LINES ARE LOCATED INSIDE BLDG. INACCESSABLE. THREE 55 GAL. DRUMS OF SAND WAS REMOVED FROM THIS LINE, DUE TO OPEN GRATE COVER.

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NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/29 SET UP 4
AREA S. of 649
STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION UNKNOWN
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT HUB & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. — MANHOLE NO.

DIRECTION OF FLOW ⟶ ⟵

QUADRANT 1 2

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
								LINES BETWEEN MHB7 THRU M.H-B-5
								COULD NOT BE CLEANED OR TELESPECTED,
								DUE TO LOW TERRAIN AND HEAVY
								WOODED AREA. COULD NOT GET
								EQUIPMENT TO JOB SITE.
								LINES BETWEEN M.H-B-7-C, B-7-B, B-7-A
								AND B-7 COULD NOT BE CLEANED OR TV'ED
								INACCESSABLE LINES.

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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/8/10 SET UP 1
AREA N.E. CORNER
STREET of B-2662

PIPE CONDITION UNKNOWN
MANHOLE CONDITION A-11-A Good
INSPECTOR PIRT
REMARKS No Access

PIPE SIZE 8"
TYPE OF PIPE PVC
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. OIL SEPARATOR

DIRECTION OF FLOW → ←

MANHOLE NO. A-11-A Good

QUADRANT 1 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
								Could NOT T.V. No Access AT OIL SEPARATOR. WEST 8" V.C. LATERAL IN M-H-A-11-A Needs To be Plugged

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NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/8/87 SET UP 2
AREA E. of B-2662
STREET

PIPE CONDITION SEE Below
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE Below

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

C MANHOLE NO. A-11-A Good

DIRECTION OF MEASUREMENT ↔ ← FROM CENTER OF MANHOLE

JOHN. CTC M-H'S WITH Flow

DIRECTION OF FLOW → ←

C MANHOLE NO. A-11 Good.

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
0417.							7/8/87	CTC M-H'S
								NOTE: LINE IS CLEAN AND IN Good CONDITION. HAD TO WASH SEVERAL TIMES. M-H'S - Good. WEST LATERAL AT M-H. A-11-A, SHOULD BE Plugged. LINE IS ABANDONED.

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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INdusTRIAL WASTE

DATE 7/9/8 SET UP
AREA S.E. CORNER
STREET of B-2662

PIPE CONDITION Good
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 8"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-11 Good — 406A CTC m.H's — WITH FLOW — MANHOLE NO. A-10 Good

DIRECTION OF FLOW ⟷ ⟵

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
406A.				7/9/87	CTC m.H's
					NOTE: LINE IS CLEAN AND IN GOOD CONDITION. HAD TO WASH SEVERAL TIMES TO REMOVE DEBRIS AND SLUDGE. WHEN FORCE MAIN DUMPS FROM L/S 3434 INTO m.H. A-10 WATER BACKS UP IN LINE TOWARD m.H-A-11, APPROX. 130 FT.

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NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/11/8 SET UP 1
AREA W. of B-2223
STREET

PIPE CONDITION
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. A-10 Good

DIRECTION OF FLOW → ← WITH FLOW

MANHOLE NO. A-10-1 PAINT & STENCIL COVER

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					COULD NOT GET CAMERA THRU LINE
					WASHED SEVERAL TIMES. LARGE AMOUNTS
					OF STRIPING BUILD-UP IN LINE
					SEE PHOTOES
					M.H. A-10-1 NEW CONST. FINISHED
					RE-CLEAN

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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/11/81 SET UP 2
AREA N.E. of B-3588
STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-10-V PAINT & STENCIL

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-10-A Good

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					Could NOT GET CAMERA THRU LINE. WAS Had SEVERA Times. LARGE AMOUNTS of PAINT STRIPINGS and SLUDGE IN LINE.
					RE-CLEAN

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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/11/8 SET UP
AREA N.E. of B-3588
STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 15"
TYPE OF PIPE U.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-10-A Good

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-10-B Good

QUADRANT 1 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					COULD NOT GET CAMERA THRU LINE. WASHED SEVERAL TIMES. LARGE AMOUNTS of PAINT STRIPINGS AND SLUDGE IN LINE.
					RE-CLEAN

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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/11/81 SET UP 4
AREA N.E. CORNER
STREET of B-35188

PIPE CONDITION Unknown
MANHOLE CONDITION Good
INSPECTOR Flirt
REMARKS See Below

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & Spigot
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-10-B Good

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-10-C Good

QUADRANT 4 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					Washed several times, could not get wash unit thru line. Large amounts of striping and sludge in line.
					RE-CLEAN

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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 2/11/9[illegible]

AREA N. of 1 3588

STREET

PIPE CONDITION Unknown
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 15"
TYPE OF PIPE U.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-10-C Good

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-10-D Good

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					WASHed SEVERAL TIMES. Could NOT GET WASH UNIT THRU LINE. LARGE AMOUNTS of PAINT STRIPINGS And SLUDGE IN LINE.
					RE-CLEAN

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BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 2/12/87 SET UP
AREA N.W.L River
STREET of B-3588

PIPE CONDITION Good (SEE BELOW)
MANHOLE CONDITION Good
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟷ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-10-D Good — 153 Ft. CTC M.H — WITH Flow — MANHOLE NO. A-10-E Good

DIRECTION OF FLOW ⟷ ⟵

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
75 Ft.					YES	1	2/12/87	SLUDGE AND PAINT STRIPINGS
153 Ft.							2/12/87	CTC M.H's
								NOTE: ONLY SAW HALF OF PIPE (TOP HALF) LINE HALF full of PAINT STRIPINGS and SLUDGE. WASHed SEVERAL TIMES To Remove Debris. LINE SEEMS TO BE IN GOOD CONDITION.
								RE CLEAN

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NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INdusTRIAL WASTE

DATE 7/22/ SET UP
AREA S.W. of B-3460
STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION SEE BELOW
INSPECTOR PLIRT
REMARKS SEE BELOW

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-7 OPEN

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-6 P/S

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					WASHED SEVERAL TIMES COULD NOT REMOVE SLUDGE, SAND AND PAINT STRIPINGS. CAMERA COULD NOT GO THRU.
					RE-CLEAN

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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/ SET UP 5

AREA W. of B-3460

STREET

PIPE CONDITION Unknown

MANHOLE CONDITION SEE Below

INSPECTOR FLIRT.

REMARKS SEE Below

PIPE SIZE 15"

TYPE OF PIPE V.C.

TYPE OF JOINT Hub & SPIGOT

JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-6 P/S.

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-5 Good.

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					WASHED SEVERAL TIMES Could NOT
					REMOVE SLUDGE, SAND AND PAINT
					STRIPINGS. Camera Could NOT Go
					TAKEN
					RE-CLEAN

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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/ SET UP 2
AREA S. of B-3437
STREET

PIPE CONDITION Unknown
MANHOLE CONDITION SEE BELOW
INSPECTOR FIRT
REMARKS SEE BELOW

PIPE SIZE 18"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-3

MANHOLE NO. A-2 Good

DIRECTION OF FLOW ⟶ ⟵

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
								M.H. A-2 - 2FT. Above Ground.
								Could NOT T.V. FROM M.H. A-3,
								Flow TOO HEAVY TO T.V. From M.H. A-2.
								RE-CLEAN

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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23, 82 SET UP
AREA S. of B 3437
STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION SEE BELOW
INSPECTOR FLIRT
REMARKS SEE BELOW

PIPE SIZE 18"
TYPE OF PIPE U.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. A-2

MANHOLE NO. A-1

DIRECTION OF FLOW → ←

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					Could not T.V. Due To Heavy Flow
					M.H. A-1, New Fiberglass. E. Wall
					Cracked, No Infiltration Noticed.
					RE-CLEAN

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/82 SET UP 1
AREA B-3437
STREET

PIPE CONDITION N/A
MANHOLE CONDITION N/A
INSPECTOR PIRT
REMARKS SEE BELOW

PIPE SIZE
TYPE OF PIPE WET WELL
TYPE OF JOINT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. WET WELL MANHOLE NO.

DIRECTION OF FLOW → ←

QUADRANT 1 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					NOTE: Pumped down WET WELL.
					WASHED WITH JET SPRAY.
					CHECKED WALL for SPAULDING
					CONCRETE. WALLS LOOKED Good
					W. WALL AT WASTE LEVEL
					SMALL AMOUNTS of SPAULDING
					OCCURING. NO MAJOR PROBLEM
					AT THIS TIME.
					BldG. 3437 IS Numbered 3434 ON
					PRINT. PUMPING STATION NO. 2
					Could NOT GET WASH UNIT OR T.V.-VAN To
					M.H'S AND LINES BETWEEN M.H'S: A-1 To B-1,
					B-1-A To B-1 B-1 To B-2. LINES NEED To
					BE CLEANED AND TELESPECTED.

BUILDING 3561
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PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

AREA W. of B-3580

STREET

PIPE CONDITION: Good
MANHOLE CONDITION: SEE BELOW
INSPECTOR: FLIRT
REMARKS: SEE BELOW

PIPE SIZE: 15"
TYPE OF PIPE: V.C.
TYPE OF JOINT: Hub & SPIGOT
JOB FOREMAN:

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. A-8 — 117 FT. CTC M.H's — MANHOLE NO. A-10 Good.

SEAL

DIRECTION OF FLOW → ← AGAINST FLOW

QUADRANT 1 2 3 4

T. V. INSPECTION

DISTANCE READING	QUADRANT 1	2	3	4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
117 FT.							7/12/87	CTC M.H's
								NOTES LINE IS CLEAN AND IN GOOD CONDITION. HAD TO WASH SEVERAL TIMES TO REMOVE SAND AND STRIPING BUILD-UP M.H. A-8, SEAL AROUND JOINTS AND PIPE AT S. SIDE GROUND WATER INFILTRATING
								RE-CLEAN

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TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/12/90 SET UP 3
AREA W. of B-3588
STREET S. of B-3460

PIPE CONDITION Unknown
MANHOLE CONDITION SEE Below
INSPECTOR FLIRT.
REMARKS SEE Below

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-8 SEAL

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-7 STORM DRAIN COVER

QUADRANT 1 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					WASHED SEVERAL TIMES Could NOT GET
					Camera THRU LINE. LARGE AMOUNTS of Sand
					PAINT STRIPINGS And SLUDGE IN LINE.
					SEAL Around JOINTS IN M.H. A-8 & A-7
					INSTALL 1EA. RUNG IN M.H. A-7
					SAND ENTERING M.H. And LINES THRU
					OPEN GRATE M.H. Cover, AT M.H. A-7.
					RE CLEAN

NAVY PUBLIC WORKS CENTER
BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/ SET UP
AREA S. of B-3437
STREET

PIPE CONDITION UNKNOWN
MANHOLE CONDITION SEE BELOW
INSPECTOR PLIRT
REMARKS SEE BELOW

PIPE SIZE 18"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & SPIGOT
JOB FOREMAN

DIRECTION OF MEASUREMENT → ← FROM CENTER OF MANHOLE

MANHOLE NO. A-4

DIRECTION OF FLOW → ←

MANHOLE NO. A-3

QUADRANT 1 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
					M.H-A-4 Approx. 2.5 Ft. Above Ground.
					M.H-A-3 Approx 4 Ft. Above Ground.
					SINK HOLE Around M.H-A-3. Could
					NOT GET WASH UNIT TO M.H's.
					Approx. 14" of Sludge IN BOTTOM of
					M.H-A-3. Ground WATER INFILTRATING
					AT INLET AT M.H-A-3.
					RE-CLEAN

NAV' ' BLIC WORKS CENTER
BUILDING 3561
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508

TELESPECTION REPORT

INDUSTRIAL WASTE

DATE 7/23/88 SET UP
AREA Gl. 04 - 3460
STREET

PIPE CONDITION Unknown
MANHOLE CONDITION See Below
INSPECTOR PIRT
REMARKS See Below

PIPE SIZE 15"
TYPE OF PIPE V.C.
TYPE OF JOINT Hub & Spigot
JOB FOREMAN

DIRECTION OF MEASUREMENT ⟶ ⟵ FROM CENTER OF MANHOLE

MANHOLE NO. A-5 Good

DIRECTION OF FLOW ⟶ ⟵

MANHOLE NO. A-4 Re-Grout

QUADRANT 4 / 3

T. V. INSPECTION

DISTANCE READING	QUADRANT 1 2	QUADRANT 3 4	PHOTO TAKEN	PHOTO NO.	DATE INSPECTED	DESCRIPTION OF DEFECT
						Washed several times, silt and sludge still in line. Camera could not pass. M.H. A-4 - Grout joints in wall, ground water infiltrating. M.H. A-4 - Holding approx. 16" of water. M.H. A-4 - Approx 2½ ft. above ground.
						RE-CLEAN

Appendix B
Preliminary Remediation Goals
Reference Concentrations

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Inorganics (mg/kg)						
7429-90-5	Aluminum (Al) [N]	7,800	NA	75,000	NA	3,833.36
7440-36-0	Antimony (Sb) [N]	3.1	NA	26	NA	9.49
7440-38-2	Arsenic (As) [C]	0.43	15	0.7	NA	1.56
7440-39-3	Barium (Ba) [N]	550	32	5,200	NA	4.63
7440-41-7	Beryllium (Be) [C]	0.15	180	0.2	NA	0.41
7440-42-8	Boron [N]	700	NA	7,000	NA	NA
7440-43-9	Cadmium (Cd) [N]	3.9	6	37	NA	1
7440-70-2	Calcium (Ca)	NA	NA	NA	NA	912.37
7440-47-3	Chromium (Cr) [N]	7,800	NA	66,000	NA	6.13
18540-29-9	Chromium (Hexavalent) [N]	39	19	290	NA	NA
7440-48-4	Cobalt (Co) [N]	470	NA	4,700	NA	1.87
7440-50-8	Copper (Cu) [N]	310	NA	NA	NA	5.74
57-12-5	Cyanide (CN) [N]	160	NA	1,600	NA	0.52
7439-89-6	Iron (Fe) [N]	2,300	NA	NA	NA	2,745
7439-92-1	Lead (Pb) [C]	400	NA	500	NA	7.32
7439-95-4	Magnesium (Mg)	NA	NA	NA	NA	133.33
7439-96-5	Manganese (Mn) [N]	180	NA	370	NA	21.36
7439-97-6	Mercury (Hg) [N]	2.3	3	23	NA	0.1
7439-98-7	Molybdenum (Mo) [N]	39	NA	390	NA	NA
7440-02-0	Nickel (Ni) [N]	160	21	1,500	NA	6.38

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Inorganics (mg/kg)						
7440-09-7	Potassium (K) [N]	NA	NA	NA	NA	460.67
7782-49-2	Selenium (Se) [N]	39	3	390	NA	0.62
7440-22-4	Silver (Ag) [N]	39	NA	390	NA	2.07
7440-23-5	Sodium (Na) [N]	NA	NA	NA	NA	107.85
7440-24-6	Strontium [N]	4,700	NA	47,000	NA	NA
7440-28-0	Thallium (Tl) [N]	0.63	0.4	NA	NA	0.82
7440-31-5	Tin (Sn) [N]	4,700	NA	44,000	NA	NA
7440-62-2	Vanadium (V) [N]	55	NA	490	NA	5.83
7440-66-6	Zinc (Zn) [N]	2,300	42,000	23,000	NA	16.87

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Pesticides (µg/kg)						
93-76-5	2,4,5-T [N]	78,000	NA	NA	NA	NA
93-72-1	2,4,5-TP (Silvex) [N]	63,000	NA	NA	NA	NA
94-75-7	2,4-D [N]	78,000	1,700	NA	NA	NA
94-82-6	2,4-DB [N]	63,000	NA	NA	NA	NA
72-54-8	4,4'-DDD [C]	2,700	700	4,500	200	NA
72-55-9	4,4'-DDE [C]	1,900	500	3,000	200	NA
50-29-3	4,4'-DDT [C]	1,900	1,000	3,100	500	NA
309-00-2	Aldrin [C]	38	5	60	50	NA
12674-11-2	Aroclor-1016 [N]	550	NA	NA	NA	NA
11104-28-2	Aroclor-1221 [C]	83	NA	900	44,000	NA
11141-16-5	Aroclor-1232 [C]	83	NA	900	44,000	NA
53469-21-9	Aroclor-1242 [C]	83	NA	900	44,000	NA
12672-29-6	Aroclor-1248 [C]	83	NA	900	44,000	NA
11097-69-1	Aroclor-1254 [N]	83	NA	900	44,000	NA
11096-82-5	Aroclor-1260 [C]	83	NA	900	44,000	NA
57-74-9	Chlordane [C]	490	2,000	800	2,100	NA
510-15-6	Chlorobenzilate [C]	2,400	NA	NA	NA	NA
2303-16-4	Diallate [C]	10,000	NA	NA	NA	NA
60-57-1	Dieldrin [C]	40	1	70	20	NA
60-51-5	Dimethoate [N]	1,600	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Pesticides (µg/kg)						
88-85-7	Dinoseb [N]	7,800	NA	43,000	400	NA
298-04-4	Disulfoton [N]	310	NA	2,800	10	NA
959-98-8	Endosulfan I [N]	47,000	3,000	390,000	700	NA
33213-65-9	Endosulfan II [N]	47,000	3,000	390,000	700	NA
1031-07-8	Endosulfan sulfate [N]	47,000	3,000	390,000	700	NA
72-20-8	Endrin [N]	2,300	400	23,000	400	NA
7421-93-4	Endrin aldehyde [N]	2,300	400	23,000	50	NA
53494-70-5	Endrin ketone [N]	2,300	400	23,000	400	NA
52-85-7	Famphur	NA	NA	NA	NA	NA
76-44-8	Heptachlor [C]	140	60	200	60	NA
1024-57-3	Heptachlor epoxide [C]	70	30	100	30	NA
465-73-6	Isodrin [P]	NA	NA	NA	NA	NA
143-50-0	Kepone [C]	35	NA	NA	NA	NA
72-43-5	Methoxychlor [N]	39,000	62,000	380,000	62,000	NA
298-00-0	Methyl parathion [N]	2,000	41	19,000	100	NA
126-68-1	O,O,O-Triethylphosphorothioate	NA	NA	NA	NA	NA
56-38-2	Parathion [N]	47,000	3,900	450,000	3,900	NA
298-02-2	Phorate [N]	1,600	NA	14,000	50	NA
3689-24-5	Sulfotep [N]	3,900	NA	NA	NA	NA
297-97-2	Thionazin	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Pesticides (µg/kg)						
8001-35-2	Toxaphene [C]	580	40	900	40	NA
319-84-6	alpha-BHC [C]	100	0.4	200	2	NA
5103-71-9	alpha-Chlordane [C]	490	2,000	800	2,100	NA
319-85-7	beta-BHC [C]	350	2	600	5	NA
319-86-8	delta-BHC [C]	NA	NA	23,000	7	NA
58-89-9	gamma-BHC (Lindane) [C]	490	6	800	6	NA
5103-74-2	gamma-Chlordane [C]	490	2,000	800	2,100	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
634-66-2	1,2,3,4-Tetrachlorobenzene N	2,300	690	NA	NA	NA
634-90-2	1,2,3,5-Tetrachlorobenzene N	2,300	690	NA	NA	NA
87-61-6	1,2,3-Trichlorobenzene N	78,000	2,000	NA	NA	NA
95-94-3	1,2,4,5-Tetrachlorobenzene N	2,300	690	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene N	78,000	2,000	590,000	2,300	NA
95-50-1	1,2-Dichlorobenzene N	700,000	6,000	820,000	5,800	NA
122-66-7	1,2-Diphenylhydrazine C	800	NA	NA	NA	NA
108-70-3	1,3,5-Trichlorobenzene N	78,000	2,000	590,000	2,300	NA
99-35-4	1,3,5-Trinitrobenzene N	390	NA	NA	NA	NA
541-73-1	1,3-Dichlorobenzene N	700,000	NA	1,700,000	400	NA
99-65-0	1,3-Dinitrobenzene N	780	NA	NA	NA	NA
106-46-7	1,4-Dichlorobenzene C	27,000	1,000	7,500	900	NA
130-15-4	1,4-Naphthoquinone	NA	NA	NA	NA	NA
90-13-1	1-Chloronaphthalene N	630,000	140,000	560,000	57,000	NA
90-12-0	1-Methyl naphthalene N	NA	NA	930,000	NA	NA
134-32-7	1-Naphthylamine	NA	NA	NA	NA	NA
108-60-1	2,2'-oxybis(1-Chloropropane)	NA	NA	NA	NA	NA
58-90-2	2,3,4,6-Tetrachlorophenol N	230,000	NA	NA	NA	NA
95-95-4	2,4,5-Trichlorophenol N	780,000	120,000	7,100,000	100	NA
88-06-2	2,4,6-Trichlorophenol C	58,000	60	87,000	80	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
120-83-2	2,4-Dichlorophenol [N]	23,000	500	220,000	20	NA
105-67-9	2,4-Dimethylphenol [N]	160,000	3,000	1,200,000	1,800	NA
51-28-5	2,4-Dinitrophenol [N]	16,000	100	NA	NA	NA
121-14-2	2,4-Dinitrotoluene [N]	16,000	200	130,000	0.6	NA
87-65-0	2,6-Dichlorophenol [N]	23,000	500	220,000	20	NA
606-20-2	2,6-Dinitrotoluene [N]	7,800	100	71,000	0.6	NA
91-58-7	2-Chloronaphthalene [N]	630,000	140,000	560,000	57,000	NA
95-57-8	2-Chlorophenol [N]	39,000	2,000	280,000	300	NA
99-55-8	2-Methyl-5-nitroaniline [C]	19,000	NA	NA	NA	NA
95-53-4	2-Methylaniline [C]	2,700	NA	NA	NA	NA
636-21-5	2-Methylaniline hydrochloride [C]	3,500	NA	NA	NA	NA
91-57-6	2-Methylnaphthalene [N]	NA	NA	960,000	NA	NA
95-48-7	2-Methylphenol (o-Cresol) [N]	390,000	6,000	2,600,000	1,100	NA
91-59-8	2-Naphthylamine [C]	4.9	NA	NA	NA	NA
88-74-4	2-Nitroaniline [N]	470	NA	4,000	20	NA
88-75-5	2-Nitrophenol [N]	480	NA	NA	NA	NA
109-06-8	2-Picoline	NA	NA	NA	NA	NA
91-94-1	3,3'-Dichlorobenzidine [C]	1,400	10	NA	NA	NA
119-90-4	3,3'-Dimethoxybenzidine [C]	46,000	NA	NA	NA	NA
119-93-7	3,3-Dimethylbenzidine [C]	69	0.39	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
56-49-5	3-Methylcholanthrene	NA	NA	NA	NA	NA
108-39-4	3-Methylphenol (m-Cresol) [N]	390,000	NA	3,400,000	4,200	NA
99-09-2	3-Nitroaniline [N]	23,000	NA	NA	NA	NA
101-14-4	4,4'-Methylene bis(2-chloroaniline) [C]	4,900	NA	NA	NA	NA
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA
92-67-1	4-Aminobiphenyl	NA	NA	NA	NA	NA
101-55-3	4-Bromophenyl-phenylether [N]	450,000	NA	NA	NA	NA
59-50-7	4-Chloro-3-methylphenol	NA	NA	140,000,000	42,000	NA
106-47-8	4-Chloroaniline [N]	31,000	300	240,000	80	NA
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
106-44-5	4-Methylphenol (p-Cresol) [N]	39,000	NA	340,000	400	NA
100-01-6	4-Nitroaniline [N]	23,000	NA	230,000	NA	NA
100-02-7	4-Nitrophenol [N]	480,000	NA	NA	NA	NA
56-57-5	4-Nitroquinoline 1-oxide	NA	NA	NA	NA	NA
57-97-6	7,12-Dimethylbenz(a)anthracene [C]	NA	NA	NA	NA	NA
83-32-9	Acenaphthene [N]	470,000	200,000	2,800,000	2,000	NA
208-96-8	Acenaphthylene [N]	470,000	200,000	670,000	11,000	NA
53-96-3	Acetamidofluorene	NA	NA	NA	NA	NA
98-86-2	Acetophenone [N]	780,000	NA	NA	NA	NA
62-53-3	Aniline [C]	110,000	31	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
120-12-7	Anthracene [N]	2,300,000	4,300,000	20,000,000	890,000	NA
140-57-8	Aramite [C]	26,000	NA	NA	NA	NA
103-33-3	Azobenzene [C]	5,800	NA	NA	NA	NA
98-87-3	Benzal chloride	NA	NA	NA	NA	NA
92-87-5	Benzidine [C]	2.8	0.0011	NA	NA	NA
56-55-3	Benzo(a)anthracene [C]	880	700	1,400	29,000	NA
50-32-8	Benzo(a)pyrene [C]	88	4,000	100	3,700	NA
205-99-2	Benzo(b)fluoranthene [C]	880	4,000	1,400	71,000	NA
191-24-2	Benzo(g,h,i)perylene [N]	230,000	1,400,000	14,000	320,000	NA
207-08-9	Benzo(k)fluoranthene [C]	8,800	4,000	14,000	44,000	NA
65-85-0	Benzoic acid [N]	31,000,000	280,000	130,000,000	56,000	NA
98-07-7	Benzotrichloride [C]	49	0.073	NA	NA	NA
100-51-6	Benzyl alcohol [N]	2,300,000	NA	NA	NA	NA
39638-32-9	Bis(2-Chloroisopropyl)Ether [C]	9,100	NA	NA	NA	NA
85-68-7	Butylbenzylphthalate [N]	1,600,000	68,000	15,000,000	960,000	NA
86-74-8	Carbazole [C]	32,000	500	42,000	400	NA
218-01-9	Chrysene [C]	88,000	1,000	140,000	31,000	NA
6055-19-2	Cyclophosphamide	NA	NA	NA	NA	NA
84-74-2	Di-n-butylphthalate [N]	780,000	120,000	7,300,000	23,000	NA
117-84-0	Di-n-octyl phthalate [N]	160,000	1,000,000,000	1,500,000	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
53-70-3	Dibenz(a,h)anthracene [C]	88	11,000	100	7,200	NA
224-42-0	Dibenzo(a,j)acridine	NA	NA	NA	NA	NA
132-64-9	Dibenzofuran [N]	31,000	120,000	240,000	NA	NA
84-66-2	Diethylphthalate [N]	6,300,000	110,000	56,000,000	20,000	NA
131-11-3	Dimethyl phthalate [N]	78,000,000	1,200,000	630,000,000	200,000	NA
122-39-4	Diphenylamine [N]	200,000	NA	NA	NA	NA
97-63-2	Ethyl methacrylate [N]	700,000	NA	NA	NA	NA
62-50-0	Ethyl methanesulfonate	NA	NA	NA	NA	NA
206-44-0	Fluoranthene [N]	310,000	980,000	2,900,000	280,000	NA
86-73-7	Fluorene [N]	310,000	160,000	2,400,000	45,000	NA
118-74-1	Hexachlorobenzene [C]	400	800	600	800	NA
87-68-3	Hexachlorobutadiene [C]	8,200	100	3,100	2,100	NA
77-47-4	Hexachlorocyclopentadiene [N]	55,000	10,000	NA	NA	NA
67-72-1	Hexachloroethane [C]	46,000	200	27,000	400	NA
70-30-4	Hexachlorophene [N]	2,300	NA	NA	NA	NA
1888-71-7	Hexachloropropene	NA	NA	NA	NA	NA
193-39-5	Indeno(1,2,3-cd)pyrene [C]	880	35,000	1,400	17,000	NA
78-59-1	Isophorone [C]	670,000	200	NA	NA	NA
120-58-1	Isosafrole	NA	NA	NA	NA	NA
91-80-5	Methapyrilene	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
80-62-6	Methyl methacrylate [N]	630,000	NA	NA	NA	NA
66-27-3	Methyl methanesulfonate	NA	NA	NA	NA	NA
10595-95-6	N-Nitroso-N-methylethylamine [C]	29	NA	NA	NA	NA
621-64-7	N-Nitroso-di-n-propylamine [C]	91	0.02	20	9	NA
924-16-3	N-Nitrosodi-n-butylamine [C]	120	NA	NA	NA	NA
55-18-5	N-Nitrosodiethylamine [C]	4.3	NA	NA	NA	NA
62-75-9	N-Nitrosodimethylamine [C]	13	NA	3	20	NA
86-30-6	N-Nitrosodiphenylamine [C]	130,000	200	73,000	60	NA
59-89-2	N-Nitrosomorpholine	NA	NA	NA	NA	NA
100-75-4	N-Nitrosopiperidine	NA	NA	NA	NA	NA
930-55-2	N-Nitrosopyrrolidine [C]	300	NA	NA	NA	NA
91-20-3	Naphthalene [N]	310,000	30,000	1,300,000	100	NA
98-95-3	Nitrobenzene [N]	3,900	90	22,000	40	NA
123-63-7	Paraldehyde	NA	NA	NA	NA	NA
608-93-5	Pentachlorobenzene [N]	6,300	48,000	NA	NA	NA
76-01-7	Pentachloroethane	NA	NA	NA	NA	NA
82-68-8	Pentachloronitrobenzene [C]	2,500	NA	NA	NA	NA
87-86-5	Pentachlorophenol [C]	5,300	200	5,400	10	NA
62-44-2	Phenacetin	NA	NA	NA	NA	NA
85-01-8	Phenanthrene [N]	230,000	1,400,000	1,700,000	2,800	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Semivolatiles (µg/kg)						
108-95-2	Phenol [N]	4,700,000	49,000	34,000,000	20	NA
23950-58-5	Pronamide [N]	590,000	NA	NA	NA	NA
129-00-0	Pyrene [N]	230,000	1,400,000	2,200,000	290,000	NA
110-86-1	Pyridine [N]	7,800	NA	500	20	NA
94-59-7	Safrole	NA	NA	NA	NA	NA
122-09-8	alpha, alpha-Dimethylphenethylamine	NA	NA	NA	NA	NA
111-91-1	bis(2-Chloroethoxy)methane	NA	NA	170,000	30	NA
111-44-4	bis(2-Chloroethyl)ether [C]	580	0.3	500	5	NA
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP) [C]	46,000	11,000	48,000	11,000	NA
60-11-7	p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA
106-50-3	p-Phenylenediamine [N]	1,500,000	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
106-93-4	1, 2-Dibromoethane [C]	7.5	0.18	10	0.06	NA
630-20-6	1,1,1,2-Tetrachloroethane [C]	25,000	NA	5,900	3	NA
811-97-2	1,1,1,2-Tetrafluoroethane	NA	NA	NA	NA	NA
71-55-6	1,1,1-Trichloroethane [N]	270,000	900	610,000	900	NA
354-58-5	1,1,1-trichlora-2,2,2-trifloromethane	NA	NA	NA	NA	NA
79-34-5	1,1,2,2-Tetrachloroethane [C]	3,200	1	900	0.7	NA
79-00-5	1,1,2-Trichloroethane [C]	11,000	10	2,000	20	NA
75-34-3	1,1-Dichloroethane [N]	780,000	11,000	310,000	2,300	NA
75-35-4	1,1-Dichloroethene [C]	1,100	30	100	30	NA
96-18-4	1,2,3-Trichloropropane [C]	91	0.006	NA	NA	NA
96-19-5	1,2,3-Trichloropropene [N]	39,000	NA	NA	NA	NA
615-54-3	1,2,4-Tribromobenzene [N]	39,000	NA	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene [N]	78,000	2,000	590,000	2,300	NA
96-12-8	1,2-Dibromo-3-Chloropropane [C]	460	0.61	NA	NA	NA
107-06-2	1,2-Dichloroethane [C]	7,000	10	700	8	NA
540-59-0	1,2-Dichloroethene (total) [N]	70,000	NA	NA	NA	NA
78-87-5	1,2-Dichloropropane [C]	9,400	20	800	20	NA
106-99-0	1,3-Butadiene	NA	0.072	NA	NA	NA
542-75-6	1,3-Dichloropropene [C]	3,700	1	300	3	NA
106-37-6	1,4-Dibromobenzene [N]	78,000	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
764-41-0	1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
123-91-1	1,4-Dioxane [C]	58,000	NA	NA	NA	NA
75-68-3	1-Chloro-1,1-difluoroethane	NA	NA	NA	NA	NA
109-69-3	1-Chlorobutane [N]	3,100,000	NA	NA	NA	NA
78-93-3	2-Butanone (MEK) [N]	4,700,000	NA	2,200,000	8,700	NA
126-99-8	2-Chloro-1,3-butadiene [N]	160,000	NA	NA	NA	NA
110-75-8	2-Chloroethyl vinyl ether [N]	200,000	NA	100,000	2	NA
591-78-6	2-Hexanone	NA	NA	NA	NA	NA
101-68-8	4,4'-Methylenediphenyl isocyanate	NA	NA	NA	NA	NA
108-10-1	4-Methyl-2-Pentanone (MIBK) [N]	630,000	NA	520,000	1,100	NA
67-64-1	Acetone [N]	780,000	8,000	260,000	1,400	NA
75-05-8	Acetonitrile [N]	47,000	NA	NA	NA	NA
107-02-8	Acrolein [N]	160,000	NA	400	300	NA
107-13-1	Acrylonitrile [C]	1,200	NA	100	20	NA
107-05-1	Allyl chloride [N]	390,000	NA	NA	NA	NA
100-52-7	Benzaldehyde [N]	780,000	NA	NA	NA	NA
71-43-2	Benzene [C]	22,000	20	1,400	3	NA
95-63-6	Benzene, 1,2,4-trimethyl [N]	390,000	NA	6,200	200	NA
108-67-8	Benzene, 1,3,5-trimethyl- [N]	390,000	NA	3,700	100	NA
100-44-7	Benzyl chloride [C]	3,800	0.36	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
542-88-1	Bis(chloromethyl)ether [C]	2.9	0.0001	NA	NA	NA
75-27-4	Bromodichloromethane [C]	10,000	300	700	2	NA
593-60-2	Bromoethene	NA	NA	NA	NA	NA
75-25-2	Bromoform [C]	81,000	500	65,000	20	NA
74-83-9	Bromomethane [N]	11,000	100	NA	NA	NA
75-15-0	Carbon disulfide [N]	780,000	14,000	5,200	2,500	NA
56-23-5	Carbon tetrachloride [C]	4,900	30	600	20	NA
108-90-7	Chlorobenzene [N]	160,000	600	44,000	600	NA
75-45-6	Chlorodifluoromethane	NA	NA	NA	NA	NA
75-00-3	Chloroethane [N]	3,100,000	33,000	NA	NA	NA
67-66-3	Chloroform [C]	100,000	300	600	20	NA
74-87-3	Chloromethane [C]	49,000	6.6	200	10	NA
1476-11-5	Cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
123-73-9	Crotonaldehyde, (E) [C]	340	NA	NA	NA	NA
108-94-1	Cyclohexanone [N]	39,000,000	NA	NA	NA	NA
1163-19-5	Decabromodiphenyl ether [N]	78,000	NA	NA	NA	NA
124-48-1	Dibromochloromethane [C]	NA	NA	1,200	4	NA
75-71-8	Dichlorodifluoromethane [N]	1,600,000	7,500	NA	NA	NA
77-73-6	Dicyclopentadiene [N]	230,000	NA	NA	NA	NA
107-12-0	Ethyl cyanide	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
60-29-7	Ethyl ether [N]	1,600,000	NA	NA	NA	NA
100-41-4	Ethylbenzene [N]	780,000	5,000	1,400,000	200	NA
87-82-1	Hexabromobenzene [N]	16,000	NA	NA	NA	NA
78-83-1	Isobutanol [N]	2,300,000	NA	NA	NA	NA
126-98-7	Methacrylonitrile [N]	780	NA	NA	NA	NA
74-88-4	Methyl iodide	NA	NA	NA	NA	NA
1634-04-4	Methyl tert-butyl ether [N]	39,000	NA	3,800,000	100	NA
74-95-3	Methylene bromide [N]	78,000	NA	NA	NA	NA
75-09-2	Methylene chloride [C]	85,000	10	16,000	10	NA
100-42-5	Styrene [N]	1,600,000	2,000	4,100,000	2,000	NA
127-18-4	Tetrachloroethene [C]	12,000	40	12,000	30	NA
109-99-9	Tetrahydrofuran	NA	NA	NA	NA	NA
108-88-3	Toluene [N]	1,600,000	5,000	520,000	200	NA
79-01-6	Trichloroethene [C]	58,000	20	6,500	10	NA
75-69-4	Trichlorofluoromethane [N]	2,300,000	13,000	6,600	400,000	NA
598-77-6	Trichloropropane, 1,1,2- [N]	39,000	140	NA	NA	NA
76-13-1	Trichlorotrifluoroethane (Freon 113) [N]	100,000,000	3,100,000	NA	NA	NA
108-05-4	Vinyl acetate [N]	7,800,000	84,000	180,000	500	NA
75-01-4	Vinyl chloride [C]	340	10	5	5	NA
1330-20-7	Xylene (Total) [N]	16,000,000	74,000	13,000,000	100	NA

Preliminary Remediation Goals (PRGs) for Soil Contaminants

CAS #	Parameter	USEPA - RBCs	USEPA - SSLs	FDEP - CGs	FDEP CGs for Leaching	NASP Reference Concentration
Volatiles (µg/kg)						
98-83-9	alpha-Methylstyrene [N]	550,000	7,500	NA	NA	NA
156-59-2	cis-1,2-Dichloroethene [N]	78,000	200	26,000	200	NA
10061-01-5	cis-1,3-Dichloropropene [C]	3,700	1	300	3	NA
99-08-1	m-Nitrotoluene [N]	78,000	420	NA	NA	NA
108-38-3	m-Xylene	16,000,000	240,000	NA	NA	NA
104-51-8	n-Butylbenzene [N]	78,000	270	NA	NA	NA
110-54-3	n-Hexane [N]	470,000	13,000	76,000	1,000	NA
88-73-3	o-Chloronitrobenzene [C]	26,000	NA	NA	NA	NA
95-49-8	o-Chlorotoluene [N]	160,000	5,600	NA	NA	NA
88-72-2	o-Nitrotoluene [N]	78,000	420	NA	NA	NA
95-47-6	o-Xylene [N]	16,000,000	150,000	NA	NA	NA
5216-25-1	p,a,a,a-Tetrachlorotoluene [C]	32	NA	NA	NA	NA
100-00-5	p-Chloronitrobenzene [C]	35,000	NA	NA	NA	NA
99-99-0	p-Nitrotoluene [N]	78,000	420	NA	NA	NA
106-42-3	p-Xylene	NA	220,000	NA	NA	NA
135-98-8	sec-Butylbenzene [N]	78,000	270	NA	NA	NA
156-60-5	trans-1,2-Dichloroethene [N]	160,000	300	62,000	300	NA
10061-02-6	trans-1,3-Dichloropropene [C]	3,700	1	300	3	NA
110-57-6	trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Inorganics (µg/l)							
7429-90-5	Aluminum (Al) [N]	NA	NA	50	200	NA	3,882.8
7440-36-0	Antimony (Sb) [N]	6	6	NA	NA	NA	30.2
7440-38-2	Arsenic (As) [N]	50	50	NA	NA	NA	2.8
7440-39-3	Barium (Ba) [N]	2,000	2,000	NA	NA	NA	13.2
7440-41-7	Beryllium (Be) [C]	4	4	NA	NA	NA	1.1
7440-43-9	Cadmium (Cd) [N]	5	5	NA	NA	NA	3.4
7440-70-2	Calcium (Ca)	NA	NA	NA	NA	NA	17,560
7440-47-3	Chromium (Cr) [N]	100	100	NA	NA	NA	35
18540-29-9	Chromium (Hexavalent) [N]	NA	NA	NA	NA	NA	NA
7440-48-4	Cobalt (Co) [N]	NA	NA	NA	NA	NA	4.1
7440-50-8	Copper (Cu) [N]	1,300	NA	1,000	1,000	NA	16.2
57-12-5	Cyanide (CN) [N]	200	200	NA	NA	NA	NA
7439-89-6	Iron (Fe) [N]	NA	NA	300	300	NA	1,707.8
7439-92-1	Lead (Pb)	15	15	NA	NA	NA	1.6
7439-95-4	Magnesium (Mg)	NA	NA	NA	NA	NA	2,872.6
7439-96-5	Manganese (Mn) [N]	NA	NA	50	50	NA	22
7439-97-6	Mercury (Hg) [N]	2	2	NA	NA	NA	0.2
7440-02-0	Nickel (Ni) [N]	100	100	NA	NA	NA	39.9
7440-09-7	Potassium (K)	NA	NA	NA	NA	NA	12,167.6
7782-49-2	Selenium (Se) [N]	50	50	NA	NA	NA	3.9

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Inorganics (µg/l)							
7440-22-4	Silver (Ag) [N]	NA	NA	100	100	NA	4
7440-23-5	Sodium (Na)	NA	160,000	NA	NA	NA	18,345
7440-28-0	Thallium (Tl)	2	2	NA	NA	NA	3.6
7440-31-5	Tin (Sn) [N]	NA	NA	NA	NA	NA	NA
7440-62-2	Vanadium (V) [N]	NA	NA	NA	NA	49	9.6
7440-66-6	Zinc (Zn) [N]	NA	NA	5,000	5,000	NA	153.2

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Pesticides (µg/l)							
93-72-1	2,4,5-TP (Silvex) [N]	50	50	NA	NA	NA	NA
93-76-5	2,4,5-Trichlorophenoxyacetic ac [N]	NA	NA	NA	NA	NA	NA
94-75-7	2,4-Dichlorophenoxyacetic Acid [N]	NA	NA	NA	NA	NA	NA
72-54-8	4,4'-DDD [C]	NA	NA	NA	NA	0.1	NA
72-55-9	4,4'-DDE [C]	NA	NA	NA	NA	0.1	NA
50-29-3	4,4'-DDT [C]	NA	NA	NA	NA	0.1	NA
94-82-6	4-(2,4-Dichlorophenoxy)butyric [N]	NA	NA	NA	NA	NA	NA
309-00-2	Aldrin [C]	NA	NA	NA	NA	0.05	NA
12674-11-2	Aroclor-1016 [N]	0.5	0.5	NA	NA	NA	NA
11104-28-2	Aroclor-1221 [C]	0.5	0.5	NA	NA	NA	NA
11141-16-5	Aroclor-1232 [C]	0.5	0.5	NA	NA	NA	NA
53469-21-9	Aroclor-1242 [C]	0.5	0.5	NA	NA	NA	NA
12672-29-6	Aroclor-1248 [C]	0.5	0.5	NA	NA	NA	NA
11097-69-1	Aroclor-1254 [C]	0.5	0.5	NA	NA	NA	NA
11096-82-5	Aroclor-1260 [C]	0.5	0.5	NA	NA	NA	NA
57-74-9	Chlordane [C]	2	2	NA	NA	NA	NA
510-15-6	Chlorobenzilate [C]	NA	NA	NA	NA	0.13	NA
2303-16-4	Diallate [C]	NA	NA	NA	NA	0.57	NA
60-57-1	Dieldrin [C]	NA	NA	NA	NA	0.1	NA
60-51-5	Dimethoate [N]	NA	NA	NA	NA	5	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Pesticides (µg/l)							
88-85-7	Dinoseb [N]	7	7	NA	NA	NA	NA
298-04-4	Disulfoton [N]	NA	NA	NA	NA	0.5	NA
959-98-8	Endosulfan I	NA	NA	NA	NA	0.35	NA
33213-65-9	Endosulfan II [N]	NA	NA	NA	NA	0.35	NA
1031-07-8	Endosulfan sulfate [N]	NA	NA	NA	NA	0.3	NA
72-20-8	Endrin [N]	2	2	NA	NA	NA	NA
7421-93-4	Endrin aldehyde [N]	NA	NA	NA	NA	0.1	NA
53494-70-5	Endrin ketone [N]	NA	NA	NA	NA	NA	NA
52-85-7	Famphur	NA	NA	NA	NA	NA	NA
76-44-8	Heptachlor [C]	0.4	0.4	NA	NA	NA	NA
1024-57-3	Heptachlor epoxide [C]	0.2	0.2	NA	NA	NA	NA
465-73-6	Isodrin [P]	NA	NA	NA	NA	NA	NA
143-50-0	Kepone [C]	NA	NA	NA	NA	NA	NA
72-43-5	Methoxychlor [N]	40	40	NA	NA	NA	NA
298-00-0	Methyl parathion [N]	NA	NA	NA	NA	10	NA
126-68-1	O,O,O-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA
56-38-2	Parathion [N]	NA	NA	NA	NA	42	NA
298-02-2	Phorate [N]	NA	NA	NA	NA	1.4	NA
3689-24-5	Sulfotep [N]	NA	NA	NA	NA	3.5	NA
297-97-2	Thionazin	NA	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Pesticides (µg/l)							
8001-35-2	Toxaphene [C]	3	3	NA	NA	NA	NA
319-84-6	alpha-BHC [C]	NA	NA	NA	NA	0.05	NA
5103-71-9	alpha-Chlordane [C]	2	2	NA	NA	NA	NA
319-85-7	beta-BHC [C]	NA	NA	NA	NA	0.1	NA
319-86-8	delta-BHC [C]	NA	NA	NA	NA	0.05	NA
58-89-9	gamma-BHC (Lindane) [C]	0.2	0.2	NA	NA	NA	NA
5103-74-2	gamma-Chlordane [C]	2	2	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Semivolatiles (µg/l)							
634-66-2	1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
634-90-2	1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
95-94-3	1,2,4,5-Tetrachlorobenzene N	NA	NA	NA	NA	4	NA
120-82-1	1,2,4-Trichlorobenzene	70	70	NA	NA	NA	NA
95-50-1	1,2-Dichlorobenzene N	600	600	NA	NA	NA	NA
108-70-3	1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
99-35-4	1,3,5-Trinitrobenzene N	NA	NA	NA	NA	60	NA
541-73-1	1,3-Dichlorobenzene N	600	NA	NA	NA	10	NA
99-65-0	1,3-Dinitrobenzene N	NA	NA	NA	NA	50	NA
106-46-7	1,4-Dichlorobenzene C	75	75	NA	NA	NA	NA
130-15-4	1,4-Naphthoquinone	NA	NA	NA	NA	NA	NA
90-13-1	1-Chloronapthalene	NA	NA	NA	NA	NA	NA
90-12-0	1-Methylnaphthalene N	NA	NA	NA	NA	NA	NA
134-32-7	1-Naphthylamine	NA	NA	NA	NA	NA	NA
108-60-1	2,2'-oxybis(1-Chloropropane)	NA	NA	NA	NA	NA	NA
58-90-2	2,3,4,6-Tetrachlorophenol N	NA	NA	NA	NA	210	NA
95-95-4	2,4,5-Trichlorophenol N	NA	NA	NA	NA	4	NA
88-06-2	2,4,6-Trichlorophenol C	NA	NA	NA	NA	10	NA
120-83-2	2,4-Dichlorophenol N	NA	NA	NA	NA	4	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Semivolatiles (µg/l)							
105-67-9	2,4-Dimethylphenol [N]	NA	NA	NA	NA	400	NA
51-28-5	2,4-Dinitrophenol [N]	NA	NA	NA	NA	30	NA
121-14-2	2,4-Dinitrotoluene [N]	NA	NA	NA	NA	0.2	NA
87-65-0	2,6-Dichlorophenol [N]	NA	NA	NA	NA	4	NA
606-20-2	2,6-Dinitrotoluene [N]	NA	NA	NA	NA	0.2	NA
91-58-7	2-Chloronaphthalene [N]	NA	NA	NA	NA	560	NA
95-57-8	2-Chlorophenol [N]	NA	NA	NA	NA	35	NA
99-55-8	2-Methyl-5-nitroaniline [C]	NA	NA	NA	NA	NA	NA
636-21-5	2-Methylaniline hydrochloride [C]	NA	NA	NA	NA	NA	NA
91-57-6	2-Methylnaphthalene [N]	NA	NA	NA	NA	NA	NA
95-48-7	2-Methylphenol (o-Cresol) [N]	NA	NA	NA	NA	350	NA
91-59-8	2-Naphthylamine [C]	NA	NA	NA	NA	NA	NA
88-74-4	2-Nitroaniline [N]	NA	NA	NA	NA	7.5	NA
88-75-5	2-Nitrophenol [N]	NA	NA	NA	NA	20	NA
109-06-8	2-Picoline	NA	NA	NA	NA	NA	NA
91-94-1	3,3'-Dichlorobenzidine [C]	NA	NA	NA	NA	7.5	NA
119-90-4	3,3'-Dimethoxybenzidine [C]	NA	NA	NA	NA	250	NA
119-93-7	3,3-Dimethylbenzidine [C]	NA	NA	NA	NA	250	NA
56-49-5	3-Methylcholanthrene	NA	NA	NA	NA	NA	NA
108-39-4	3-Methylphenol (m-Cresol)	NA	NA	NA	NA	350	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Semivolatiles (µg/l)							
99-09-2	3-Nitroaniline [N]	NA	NA	NA	NA	NA	NA
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA
92-67-1	4-Aminobiphenyl	NA	NA	NA	NA	NA	NA
101-55-3	4-Bromophenyl-phenylether [N]	NA	NA	NA	NA	NA	NA
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	NA	3,000	NA
106-47-8	4-Chloroaniline [N]	NA	NA	NA	NA	28	NA
7005-72-3	4-Chlorophenylphenylether	NA	NA	NA	NA	10	NA
106-44-5	4-Methylphenol (p-Cresol) [N]	NA	NA	NA	NA	35	NA
100-01-6	4-Nitroaniline [N]	NA	NA	NA	NA	NA	NA
100-02-7	4-Nitrophenol [N]	NA	NA	NA	NA	15	NA
56-57-5	4-Nitroquinoline 1-oxide	NA	NA	NA	NA	NA	NA
57-97-6	7,12-Dimethybenz(a)anthracene [C]	NA	NA	NA	NA	NA	NA
83-32-9	Acenaphthene [N]	NA	NA	NA	NA	20	NA
208-96-8	Acenaphthylene [N]	NA	NA	NA	NA	10	NA
53-96-3	Acetamidofluorene	NA	NA	NA	NA	NA	NA
98-86-2	Acetophenone [N]	NA	NA	NA	NA	700	NA
62-53-3	Aniline [C]	NA	NA	NA	NA	6	NA
120-12-7	Anthracene [N]	NA	NA	NA	NA	2,100	NA
140-57-8	Aramite [C]	NA	NA	NA	NA	NA	NA
103-33-3	Azobenzene [C]	NA	NA	NA	NA	4	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Semivolatiles (µg/l)							
98-87-3	Benzal chloride	NA	NA	NA	NA	NA	NA
101-14-4	Benzenamine, 4,4'-methylenebis[C	NA	NA	NA	NA	50	NA
92-87-5	Benzidine C	NA	NA	NA	NA	250	NA
56-55-3	Benzo(a)anthracene	NA	NA	NA	NA	4	NA
50-32-8	Benzo(a)pyrene	2	0.2	NA	NA	NA	NA
205-99-2	Benzo(b)fluoranthene	NA	NA	NA	NA	4	NA
191-24-2	Benzo(g,h,i)perylene N	NA	NA	NA	NA	10	NA
207-08-9	Benzo(k)fluoranthene	NA	NA	NA	NA	4	NA
65-85-0	Benzoic acid N	NA	NA	NA	NA	28,000	NA
98-07-7	Benzotrichloride C	NA	NA	NA	NA	NA	NA
100-51-6	Benzyl alcohol N	NA	NA	NA	NA	2,100	NA
39638-32-9	Bis(2-Chloroisopropyl)Ether C	NA	NA	NA	NA	7.5	NA
85-68-7	Butylbenzylphthalate N	NA	NA	NA	NA	1,400	NA
86-74-8	Carbazole	NA	NA	NA	NA	7.5	NA
218-01-9	Chrysene	NA	NA	NA	NA	5	NA
6055-19-2	Cyclophosphamide	NA	NA	NA	NA	NA	NA
84-74-2	Di-n-butylphthalate N	NA	NA	NA	NA	700	NA
117-84-0	Di-n-octyl phthalate N	NA	NA	NA	NA	140	NA
53-70-3	Dibenz(a,h)anthracene	NA	NA	NA	NA	7.5	NA
224-42-0	Dibenzo(a,j)acridine	NA	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Semivolatiles (µg/l)							
132-64-9	Dibenzofuran [N]	NA	NA	NA	NA	NA	NA
84-66-2	Diethylphthalate [N]	NA	NA	NA	NA	5,600	NA
131-11-3	Dimethyl phthalate [N]	NA	NA	NA	NA	70,000	NA
122-39-4	Diphenylamine [1]	NA	NA	NA	NA	175	NA
97-63-2	Ethyl methacrylate [N]	NA	NA	NA	NA	630	NA
62-50-0	Ethyl methanesulfonate	NA	NA	NA	NA	NA	NA
206-44-0	Fluoranthene [N]	NA	NA	NA	NA	280	NA
86-73-7	Fluorene [N]	NA	NA	NA	NA	280	NA
118-74-1	Hexachlorobenzene [C]	1	1	NA	NA	NA	NA
87-68-3	Hexachlorobutadiene [C]	NA	NA	NA	NA	15	NA
77-47-4	Hexachlorocyclopentadiene [N]	50	50	NA	NA	NA	NA
67-72-1	Hexachloroethane [C]	NA	NA	NA	NA	10	NA
70-30-4	Hexachlorophene [N]	NA	NA	NA	NA	6	NA
1888-71-7	Hexachloropropene	NA	NA	NA	NA	NA	NA
122-66-7	Hydrazine, 1,2-diphenyl [C]	NA	NA	NA	NA	10	NA
193-39-5	Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	7.5	NA
78-59-1	Isophorone [C]	NA	NA	NA	NA	40	NA
120-58-1	Isosafrole	NA	NA	NA	NA	NA	NA
91-80-5	Methapyrilene	NA	NA	NA	NA	NA	NA
80-62-6	Methyl methacrylate [N]	NA	NA	NA	NA	25	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Semivolatiles (µg/l)							
66-27-3	Methyl methanesulfonate	NA	NA	NA	NA	NA	NA
924-16-3	N-Nitroso-di-n-butylamine [C]	NA	NA	NA	NA	4	NA
621-64-7	N-Nitroso-di-n-propylamine [C]	NA	NA	NA	NA	4	NA
55-18-5	N-Nitrosodiethylamine [C]	NA	NA	NA	NA	4	NA
62-75-9	N-Nitrosodimethylamine [C]	NA	NA	NA	NA	7.5	NA
86-30-6	N-Nitrosodiphenylamine [C]	NA	NA	NA	NA	7	NA
10595-95-6	N-Nitrosomethylethylamine [C]	NA	NA	NA	NA	7.5	NA
59-89-2	N-Nitrosomorpholine	NA	NA	NA	NA	NA	NA
100-75-4	N-Nitrosopiperidine	NA	NA	NA	NA	NA	NA
930-55-2	N-Nitrosopyrrolidine [C]	NA	NA	NA	NA	4	NA
91-20-3	Naphthalene [N]	NA	NA	NA	NA	6.8	NA
98-95-3	Nitrobenzene [N]	NA	NA	NA	NA	9.5	NA
123-63-7	Paraldehyde	NA	NA	NA	NA	NA	NA
608-93-5	Pentachlorobenzene [N]	NA	NA	NA	NA	5.6	NA
76-01-7	Pentachloroethane	NA	NA	NA	NA	NA	NA
82-68-8	Pentachloronitrobenzene [C]	NA	NA	NA	NA	15	NA
87-86-5	Pentachlorophenol [C]	1	1	NA	NA	NA	NA
62-44-2	Phenacetin	NA	NA	NA	NA	NA	NA
85-01-8	Phenanthrene [N]	NA	NA	NA	NA	10	NA
108-95-2	Phenol [N]	NA	NA	NA	NA	10	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Semivolatiles (µg/l)							
23950-58-5	Pronamide [N]	NA	NA	NA	NA	525	NA
129-00-0	Pyrene [N]	NA	NA	NA	NA	210	NA
110-86-1	Pyridine [N]	NA	NA	NA	NA	7	NA
94-59-7	Safrole	NA	NA	NA	NA	NA	NA
122-09-8	alpha, alpha-Dimethylphenethyla	NA	NA	NA	NA	NA	NA
111-91-1	bis(2-Chloroethoxy)methane	NA	NA	NA	NA	10	NA
111-44-4	bis(2-Chloroethyl)ether [C]	NA	NA	NA	NA	1.5	NA
117-81-7	bis(2-Ethylhexyl)phthalate (BEH [C]	NA	NA	NA	NA	NA	NA
95-53-4	o-Toluidine [C]	NA	NA	NA	NA	50	NA
60-11-7	p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA	NA
106-50-3	p-Phenylenediamine [N]	NA	NA	NA	NA	1,330	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Volatiles (µg/l)							
106-93-4	1, 2-Dibromoethane [C]	0.02	0.02	NA	NA	NA	NA
630-20-6	1,1,1,2-Tetrachloroethane [C]	NA	NA	NA	NA	1	NA
811-97-2	1,1,1,2-Tetrafluoroethane	NA	NA	NA	NA	NA	NA
71-55-6	1,1,1-Trichloroethane [N]	200	200	NA	NA	NA	NA
354-58-5	1,1,1-trichlora-2,2,2-triflorom	NA	NA	NA	NA	NA	NA
79-34-5	1,1,2,2-Tetrachloroethane [C]	NA	NA	NA	NA	NA	NA
76-13-1	1,1,2-Trichloro-1,2,2- trifluor [N]	NA	NA	NA	NA	NA	NA
79-00-5	1,1,2-Trichloroethane [C]	5	5	NA	NA	NA	NA
598-77-6	1,1,2-Trichloropropane [N]	NA	NA	NA	NA	NA	NA
75-34-3	1,1-Dichloroethane [N]	NA	NA	NA	NA	700	NA
75-35-4	1,1-Dichloroethene [C]	7	7	NA	NA	NA	NA
75-37-6	1,1-Difluoroethane	NA	NA	NA	NA	NA	NA
96-18-4	1,2,3-Trichloropropane [C]	NA	NA	NA	NA	42	NA
96-19-5	1,2,3-Trichloropropene [N]	NA	NA	NA	NA	NA	NA
615-54-3	1,2,4-Tribromobenzene [N]	NA	NA	NA	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene [N]	70	70	NA	NA	NA	NA
96-12-8	1,2-Dibromo-3-Chloropropane [C]	0.2	0.2	NA	NA	NA	NA
107-06-2	1,2-Dichloroethane [C]	5	3	NA	NA	NA	NA
540-59-0	1,2-Dichloroethene (total) [N]	70	70	NA	NA	NA	NA
78-87-5	1,2-Dichloropropane [C]	5	5	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Volatiles (µg/l)							
106-99-0	1,3-Butadiene	NA	NA	NA	NA	NA	NA
542-75-6	1,3-Dichloropropene [C]	NA	NA	NA	NA	1	NA
106-37-6	1,4-Dibromobenzene [N]	NA	NA	NA	NA	NA	NA
764-41-0	1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
123-91-1	1,4-Dioxane [C]	NA	NA	NA	NA	5	NA
75-68-3	1-Chloro-1,1-difluoroethane	NA	NA	NA	NA	NA	NA
109-69-3	1-Chlorobutane [N]	NA	NA	NA	NA	NA	NA
78-93-3	2-Butanone (MEK) [N]	NA	NA	NA	NA	4,200	NA
126-99-8	2-Chloro-1,3-butadiene [N]	NA	NA	NA	NA	NA	NA
110-75-8	2-Chloroethyl vinyl ether [N]	NA	NA	NA	NA	1	NA
75-29-6	2-Chloropropane	NA	NA	NA	NA	NA	NA
591-78-6	2-Hexanone	NA	NA	NA	NA	NA	NA
101-68-8	4,4'-Methylenediphenyl isocyana	NA	NA	NA	NA	NA	NA
108-10-1	4-Methyl-2-Pentanone (MIBK) [N]	NA	NA	NA	NA	350	NA
67-64-1	Acetone [N]	NA	NA	NA	NA	700	NA
75-05-8	Acetonitrile [N]	NA	NA	NA	NA	500	NA
107-02-8	Acrolein [N]	NA	NA	NA	NA	110	NA
107-13-1	Acrylonitrile [C]	NA	NA	NA	NA	8	NA
107-05-1	Allyl chloride [N]	NA	NA	NA	NA	NA	NA
100-52-7	Benzaldehyde [N]	NA	NA	NA	NA	700	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Volatiles (µg/l)							
71-43-2	Benzene [C]	5	1	NA	NA	1	NA
95-63-6	Benzene, 1,2,4-trimethyl [N]	NA	NA	NA	NA	10	NA
108-67-8	Benzene, 1,3,5-trimethyl- [N]	NA	NA	NA	NA	10	NA
100-44-7	Benzyl chloride [C]	NA	NA	NA	NA	0.5	NA
542-88-1	Bis(chloromethyl)ether [C]	NA	NA	NA	NA	10	NA
75-27-4	Bromodichloromethane [C]	100	NA	NA	NA	0.6	NA
593-60-2	Bromoethene	NA	NA	NA	NA	NA	NA
75-25-2	Bromoform [C]	100	NA	NA	NA	4	NA
74-83-9	Bromomethane [N]	NA	NA	NA	NA	10	NA
75-15-0	Carbon disulfide [N]	NA	NA	NA	NA	700	NA
56-23-5	Carbon tetrachloride [C]	5	3	NA	NA	3	NA
108-90-7	Chlorobenzene [N]	NA	NA	NA	NA	NA	NA
75-45-6	Chlorodifluoromethane	NA	NA	NA	NA	NA	NA
75-00-3	Chloroethane [N]	NA	NA	NA	NA	140	NA
67-66-3	Chloroform [C]	100	NA	NA	NA	6	NA
74-87-3	Chloromethane [C]	NA	NA	NA	NA	2.7	NA
1476-11-5	Cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
4170-30-3	Crotonaldehyde	NA	NA	NA	NA	NA	NA
108-94-1	Cyclohexanone [N]	NA	NA	NA	NA	35,000	NA
1163-19-5	Decabromodiphenyl ether [N]	NA	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Volatiles (µg/l)							
124-48-1	Dibromochloromethane [C]	NA	NA	NA	NA	1	NA
75-71-8	Dichlorodifluoromethane [N]	NA	NA	NA	NA	1,400	NA
77-73-6	Dicyclopentadiene [N]	NA	NA	NA	NA	NA	NA
60-29-7	Diethyl ether [N]	NA	NA	NA	NA	750	NA
107-12-0	Ethyl cyanide	NA	NA	NA	NA	NA	NA
100-41-4	Ethylbenzene [N]	700	700	NA	30	NA	NA
87-82-1	Hexabromobenzene [N]	NA	NA	NA	NA	NA	NA
78-83-1	Isobutyl alcohol [N]	NA	NA	NA	NA	2,100	NA
126-98-7	Methacrylonitrile [N]	NA	NA	NA	NA	50	NA
74-88-4	Methyl iodide	NA	NA	NA	NA	NA	NA
98-83-9	Methyl styrene (alpha) [N]	NA	NA	NA	NA	NA	NA
25013-15-4	Methyl styrene (mixture) [N]	NA	NA	NA	NA	NA	NA
1634-04-4	Methyl tert-butyl ether [N]	NA	NA	NA	NA	50	NA
74-95-3	Methylene bromide [N]	NA	NA	NA	NA	NA	NA
75-09-2	Methylene chloride [C]	5	5	NA	NA	NA	NA
100-42-5	Styrene [N]	100	100	NA	NA	NA	NA
127-18-4	Tetrachloroethene [C]	5	3	NA	NA	NA	NA
109-99-9	Tetrahydrofuran	NA	NA	NA	NA	NA	NA
108-88-3	Toluene [N]	1,000	1,000	NA	40	NA	NA
79-01-6	Trichloroethene [C]	5	3	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Groundwater Contaminants

CAS #	Parameter	EPA MCLs	FPDWS	EPA SMCL	FSDWS	FCCG	NASP Reference Concentration
Volatiles (µg/l)							
75-69-4	Trichlorofluoromethane [N]	NA	NA	NA	NA	2,100	NA
108-05-4	Vinyl acetate [N]	NA	NA	NA	NA	250	NA
75-01-4	Vinyl chloride [C]	2	1	NA	NA	NA	NA
1330-20-7	Xylene (Total) [N]	10,000	10,000	NA	20	NA	NA
156-59-2	cis-1,2-Dichloroethene [N]	70	70	NA	NA	NA	NA
10061-01-5	cis-1,3-Dichloropropene [C]	NA	NA	NA	NA	1	NA
99-08-1	m-Nitrotoluene [N]	NA	NA	NA	NA	NA	NA
108-38-3	m-Xylene	10,000	10,000	NA	20	NA	NA
110-54-3	n-Hexane [N]	NA	NA	NA	NA	10	NA
95-49-8	o-Chlorotoluene [N]	NA	NA	NA	NA	140	NA
88-72-2	o-Nitrotoluene [N]	NA	NA	NA	NA	NA	NA
95-47-6	o-Xylene [N]	10,000	10,000	NA	20	NA	NA
5216-25-1	p,a,a,a-Tetrachlorotoluene [C]	NA	NA	NA	NA	NA	NA
99-99-0	p-Nitrotoluene [N]	NA	NA	NA	NA	NA	NA
106-42-3	p-Xylene	10,000	10,000	NA	20	NA	NA
135-98-8	sec-Butylbenzene [N]	NA	NA	NA	NA	NA	NA
104-51-8	tert-Butylbenzene [N]	NA	NA	NA	NA	NA	NA
156-60-5	trans-1,2-Dichloroethene [N]	100	100	NA	NA	NA	NA
10061-02-6	trans-1,3-Dichloropropene [C]	NA	NA	NA	NA	1	NA
110-57-6	trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Inorganics (mg/kg)				
7429-90-5	Aluminum (Al) [N]	NA	NA	NA
7440-36-0	Antimony (Sb) [N]	12	NA	NA
7440-38-2	Arsenic (As) [N]	7.24	7.24	NA
7440-39-3	Barium (Ba) [N]	NA	NA	NA
7440-41-7	Beryllium (Be) [C]	NA	NA	NA
7440-43-9	Cadmium (Cd) [N]	1	0.676	NA
7440-70-2	Calcium (Ca)	NA	NA	NA
7440-47-3	Chromium (Cr) [N]	52.3	52.3	NA
18540-29-9	Chromium (Hexavalent) [N]	NA	NA	NA
7440-48-4	Cobalt (Co) [N]	NA	NA	NA
7440-50-8	Copper (Cu) [N]	18.7	18.7	NA
57-12-5	Cyanide (CN) [N]	NA	NA	NA
7439-89-6	Iron (Fe) [N]	NA	NA	NA
7439-92-1	Lead (Pb)	30.2	30.2	NA
7439-95-4	Magnesium (Mg)	NA	NA	NA
7439-96-5	Manganese (Mn) [N]	NA	NA	NA
7439-97-6	Mercury (Hg) [N]	0.13	0.13	NA
7440-02-0	Nickel (Ni) [N]	15.9	15.9	NA
7440-09-7	Potassium (K)	NA	NA	NA
7782-49-2	Selenium (Se) [N]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Inorganics (mg/kg)				
7440-22-4	Silver (Ag) [N]	2	0.733	NA
7440-23-5	Sodium (Na)	NA	NA	NA
7440-28-0	Thallium (Tl)	NA	NA	NA
7440-31-5	Tin (Sn) [N]	NA	NA	NA
7440-62-2	Vanadium (V) [N]	NA	NA	NA
7440-66-6	Zinc (Zn) [N]	124	124	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Pesticides (µg/kg)				
93-76-5	2,4,5-Trichlorophenoxyacetic ac [N]	NA	NA	NA
94-75-7	2,4-Dichlorophenoxyacetic Acid [N]	NA	NA	NA
93-72-1	2-(2,4,5-Trichlorophenoxy)propi [N]	NA	NA	NA
72-54-8	4,4'-DDD [C]	3.3	1.22	NA
72-55-9	4,4'-DDE [C]	3.3	2.07	NA
50-29-3	4,4'-DDT [C]	3.3	1.19	NA
94-82-6	4-(2,4-Dichlorophenoxy)butyric [N]	NA	NA	NA
309-00-2	Aldrin [C]	NA	NA	NA
12674-11-2	Aroclor-1016 [N]	33	21.6	NA
11104-28-2	Aroclor-1221 [C]	21.6	67	NA
11141-16-5	Aroclor-1232 [C]	21.6	33	NA
53469-21-9	Aroclor-1242 [C]	21.6	33	NA
12672-29-6	Aroclor-1248 [C]	21.6	33	NA
11097-69-1	Aroclor-1254 [N]	21.6	33	NA
11096-82-5	Aroclor-1260 [C]	21.6	33	NA
57-74-9	Chlordane [C]	1.7	2.26	NA
510-15-6	Chlorobenzilate [C]	NA	NA	NA
2303-16-4	Diallate [C]	NA	NA	NA
60-57-1	Dieldrin [C]	3.3	0.715	NA
60-51-5	Dimethoate [N]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Pesticides (µg/kg)				
88-85-7	Dinoseb [N]	NA	NA	NA
298-04-4	Disulfoton [N]	NA	NA	NA
959-98-8	Endosulfan I [N]	NA	NA	NA
33213-65-9	Endosulfan II [N]	NA	NA	NA
1031-07-8	Endosulfan sulfate [N]	NA	NA	NA
72-20-8	Endrin [N]	3.3	NA	NA
7421-93-4	Endrin aldehyde [N]	3.3	NA	NA
53494-70-5	Endrin ketone [N]	3.3	NA	NA
52-85-7	Famphur	NA	NA	NA
76-44-8	Heptachlor [C]	NA	NA	NA
1024-57-3	Heptachlor epoxide [C]	NA	NA	NA
465-73-6	Isodrin [P]	NA	NA	NA
143-50-0	Kepone [C]	NA	NA	NA
72-43-5	Methoxychlor [N]	NA	NA	NA
298-00-0	Methyl parathion [N]	NA	NA	NA
126-68-1	O,O,O-Triethylphosphorothioate	NA	NA	NA
56-38-2	Parathion [N]	NA	NA	NA
298-02-2	Phorate [N]	NA	NA	NA
3689-24-5	Tetraethyldithiopyrophosphate [N]	NA	NA	NA
297-97-2	Thionazin	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Pesticides (µg/kg)				
8001-35-2	Toxaphene [C]	NA	NA	NA
319-84-6	alpha-BHC [C]	NA	NA	NA
5103-71-9	alpha-Chlordane [C]	NA	NA	NA
319-85-7	beta-BHC [C]	NA	NA	NA
319-86-8	delta-BHC [C]	NA	NA	NA
58-89-9	gamma-BHC (Lindane) [C]	3.3	0.32	NA
5103-74-2	gamma-Chlordane [C]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Semivolatiles (µg/kg)				
634-66-2	1,2,3,4-Tetrachlorobenzene	NA	NA	NA
634-90-2	1,2,3,5-Tetrachlorobenzene	NA	NA	NA
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA
95-94-3	1,2,4,5-Tetrachlorobenzene N	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene	NA	NA	NA
95-50-1	1,2-Dichlorobenzene N	NA	NA	NA
122-66-7	1,2-Diphenylhydrazine C	NA	NA	NA
108-70-3	1,3,5-Trichlorobenzene	NA	NA	NA
99-35-4	1,3,5-Trinitrobenzene N	NA	NA	NA
541-73-1	1,3-Dichlorobenzene N	NA	NA	NA
99-65-0	1,3-Dinitrobenzene N	NA	NA	NA
106-46-7	1,4-Dichlorobenzene C	NA	NA	NA
130-15-4	1,4-Naphthoquinone	NA	NA	NA
90-13-1	1-Chloronapthalene	NA	NA	NA
90-12-0	1-Methylnaphthalene N	NA	NA	NA
134-32-7	1-Naphthylamine	NA	NA	NA
108-60-1	2,2'-oxybis(1-Chloropropane)	NA	NA	NA
58-90-2	2,3,4,6-Tetrachlorophenol N	NA	NA	NA
95-95-4	2,4,5-Trichlorophenol N	NA	NA	NA
88-06-2	2,4,6-Trichlorophenol C	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Semivolatiles (µg/kg)				
120-83-2	2,4-Dichlorophenol [N]	NA	NA	NA
105-67-9	2,4-Dimethylphenol [N]	NA	NA	NA
51-28-5	2,4-Dinitrophenol [N]	NA	NA	NA
121-14-2	2,4-Dinitrotoluene [N]	NA	NA	NA
87-65-0	2,6-Dichlorophenol [N]	NA	NA	NA
606-20-2	2,6-Dinitrotoluene [N]	NA	NA	NA
91-58-7	2-Chloronaphthalene [N]	NA	NA	NA
95-57-8	2-Chlorophenol [N]	NA	NA	NA
99-55-8	2-Methyl-5-nitroaniline [C]	NA	NA	NA
95-53-4	2-Methylaniline [C]	NA	NA	NA
636-21-5	2-Methylaniline hydrochloride [C]	NA	NA	NA
91-57-6	2-Methylnaphthalene [N]	330	20.2	NA
95-48-7	2-Methylphenol (o-Cresol) [N]	NA	NA	NA
91-59-8	2-Naphthylamine [C]	NA	NA	NA
88-74-4	2-Nitroaniline [N]	NA	NA	NA
88-75-5	2-Nitrophenol [N]	NA	NA	NA
109-06-8	2-Picoline	NA	NA	NA
91-94-1	3,3'-Dichlorobenzidine [C]	NA	NA	NA
119-90-4	3,3'-Dimethoxybenzidine [C]	NA	NA	NA
119-93-7	3,3'-Dimethylbenzidine [C]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Semivolatiles (µg/kg)				
56-49-5	3-Methylcholanthrene	NA	NA	NA
108-39-4	3-Methylphenol (m-Cresol)	NA	NA	NA
99-09-2	3-Nitroaniline [N]	NA	NA	NA
101-14-4	4,4'-Methylene bis(2-chloroanil [C]	NA	NA	NA
534-52-1	4,6-Dinitro-2-methylphenol	NA	NA	NA
92-67-1	4-Aminobiphenyl	NA	NA	NA
101-55-3	4-Bromophenyl-phenylether [N]	NA	NA	NA
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA
106-47-8	4-Chloroaniline [N]	NA	NA	NA
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA
106-44-5	4-Methylphenol (p-Cresol) [N]	NA	NA	NA
100-01-6	4-Nitroaniline [N]	NA	NA	NA
100-02-7	4-Nitrophenol [N]	NA	NA	NA
56-57-5	4-Nitroquinoline 1-oxide	NA	NA	NA
57-97-6	7,12-Dimethybenz(a)anthracene [C]	NA	NA	NA
83-32-9	Acenaphthene [N]	330	6.71	NA
208-96-8	Acenaphthylene [N]	330	5.87	NA
53-96-3	Acetamidofluorene	NA	NA	NA
98-86-2	Acetophenone [N]	NA	NA	NA
62-53-3	Aniline [C]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Semivolatiles (µg/kg)				
120-12-7	Anthracene [N]	330	46.9	NA
140-57-8	Aramite [C]	NA	NA	NA
103-33-3	Azobenzene [C]	NA	NA	NA
98-87-3	Benzal chloride	NA	NA	NA
92-87-5	Benzidine [C]	NA	NA	NA
56-55-3	Benzo(a)anthracene	330	74.8	NA
50-32-8	Benzo(a)pyrene	330	88.8	NA
205-99-2	Benzo(b)fluoranthene	NA	NA	NA
191-24-2	Benzo(g,h,i)perylene [N]	NA	NA	NA
207-08-9	Benzo(k)fluoranthene	NA	NA	NA
65-85-0	Benzoic acid [N]	NA	NA	NA
98-07-7	Benzotrichloride [C]	NA	NA	NA
100-51-6	Benzyl alcohol [N]	NA	NA	NA
39638-32-9	Bis(2-Chloroisopropyl)Ether [C]	NA	NA	NA
85-68-7	Butylbenzylphthalate [N]	NA	NA	NA
86-74-8	Carbazole	NA	NA	NA
218-01-9	Chrysene	330	108	NA
6055-19-2	Cyclophosphamide	NA	NA	NA
84-74-2	Di-n-butylphthalate [N]	NA	NA	NA
117-84-0	Di-n-octyl phthalate [N]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Semivolatiles (µg/kg)				
53-70-3	Dibenz(a,h)anthracene	330	6.22	NA
224-42-0	Dibenzo(a,j)acridine	NA	NA	NA
132-64-9	Dibenzofuran [N]	NA	NA	NA
84-66-2	Diethylphthalate [N]	NA	NA	NA
131-11-3	Dimethyl phthalate [N]	NA	NA	NA
122-39-4	Diphenylamine [N]	NA	NA	NA
97-63-2	Ethyl methacrylate [N]	NA	NA	NA
62-50-0	Ethyl methanesulfonate	NA	NA	NA
206-44-0	Fluoranthene [N]	330	113	NA
86-73-7	Fluorene [N]	330	21.2	NA
118-74-1	Hexachlorobenzene [C]	NA	NA	NA
87-68-3	Hexachlorobutadiene [C]	NA	NA	NA
77-47-4	Hexachlorocyclopentadiene [N]	NA	NA	NA
67-72-1	Hexachloroethane [C]	NA	NA	NA
70-30-4	Hexachlorophene [N]	NA	NA	NA
1888-71-7	Hexachloropropene	NA	NA	NA
193-39-5	Indeno(1,2,3-cd)pyrene	NA	NA	NA
78-59-1	Isophorone [C]	NA	NA	NA
120-58-1	Isosafrole	NA	NA	NA
91-80-5	Methapyrilene	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Semivolatiles (µg/kg)				
80-62-6	Methyl methacrylate [N]	NA	NA	NA
66-27-3	Methyl methanesulfonate	NA	NA	NA
10595-95-6	N-Nitroso-N-methylethylamine [C]	NA	NA	NA
621-64-7	N-Nitroso-di-n-propylamine [C]	NA	NA	NA
924-16-3	N-Nitrosodi-n-butylamine [C]	NA	NA	NA
55-18-5	N-Nitrosodiethylamine [C]	NA	NA	NA
62-75-9	N-Nitrosodimethylamine [C]	NA	NA	NA
86-30-6	N-Nitrosodiphenylamine [C]	NA	NA	NA
59-89-2	N-Nitrosomorpholine	NA	NA	NA
100-75-4	N-Nitrosopiperidine	NA	NA	NA
930-55-2	N-Nitrosopyrrolidine [C]	NA	NA	NA
91-20-3	Naphthalene [N]	330	34.6	NA
98-95-3	Nitrobenzene [N]	NA	NA	NA
123-63-7	Paraldehyde	NA	NA	NA
608-93-5	Pentachlorobenzene [N]	NA	NA	NA
76-01-7	Pentachloroethane	NA	NA	NA
82-68-8	Pentachloronitrobenzene [C]	NA	NA	NA
87-86-5	Pentachlorophenol [C]	NA	NA	NA
62-44-2	Phenacetin	NA	NA	NA
85-01-8	Phenanthrene [N]	330	86.7	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Semivolatiles (µg/kg)				
108-95-2	Phenol [N]	NA	NA	NA
23950-58-5	Pronamide [N]	NA	NA	NA
129-00-0	Pyrene [N]	330	153	NA
110-86-1	Pyridine [N]	NA	NA	NA
94-59-7	Safrole	NA	NA	NA
122-09-8	alpha, alpha-Dimethylphenethyla	NA	NA	NA
111-91-1	bis(2-Chloroethoxy)methane	NA	NA	NA
111-44-4	bis(2-Chloroethyl)ether [C]	NA	NA	NA
117-81-7	bis(2-Ethylhexyl)phthalate (BEH [C]	182	182	NA
60-11-7	p-Dimethylaminoazobenzene	NA	NA	NA
106-50-3	p-Phenylenediamine [N]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Volatiles (µg/kg)				
630-20-6	1,1,1,2-Tetrachloroethane [C]	NA	NA	NA
811-97-2	1,1,1,2-Tetrafluoroethane	NA	NA	NA
71-55-6	1,1,1-Trichloroethane [N]	NA	NA	NA
354-58-5	1,1,1-trichlora-2,2,2-triflorom	NA	NA	NA
79-34-5	1,1,2,2-Tetrachloroethane [C]	NA	NA	NA
76-13-1	1,1,2-Trichloro-1,2,2- trifluor [N]	NA	NA	NA
79-00-5	1,1,2-Trichloroethane [C]	NA	NA	NA
598-77-6	1,1,2-Trichloropropane [N]	NA	NA	NA
75-34-3	1,1-Dichloroethane [N]	NA	NA	NA
75-35-4	1,1-Dichloroethylene [C]	NA	NA	NA
75-37-6	1,1-Difluoroethane	NA	NA	NA
96-18-4	1,2,3-Trichloropropane [C]	NA	NA	NA
96-19-5	1,2,3-Trichloropropene [N]	NA	NA	NA
615-54-3	1,2,4-Tribromobenzene [N]	NA	NA	NA
120-82-1	1,2,4-Trichlorobenzene [N]	NA	NA	NA
95-63-6	1,2,4-Trimethylbenzene [N]	NA	NA	NA
96-12-8	1,2-Dibromo-3-chloropropane [C]	NA	NA	NA
106-93-4	1,2-Dibromoethane [C]	NA	NA	NA
107-06-2	1,2-Dichloroethane [C]	NA	NA	NA
540-59-0	1,2-Dichloroethene (total) [N]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Volatiles (µg/kg)				
156-59-2	1,2-Dichloroethylene (cis) [N]	NA	NA	NA
156-60-5	1,2-Dichloroethylene (trans) [N]	NA	NA	NA
78-87-5	1,2-Dichloropropane [C]	NA	NA	NA
108-67-8	1,3,5-Trimethylbenzene [N]	NA	NA	NA
106-99-0	1,3-Butadiene	NA	NA	NA
542-75-6	1,3-Dichloropropene [C]	NA	NA	NA
106-37-6	1,4-Dibromobenzene [N]	NA	NA	NA
764-41-0	1,4-Dichloro-2-butene	NA	NA	NA
123-91-1	1,4-Dioxane [C]	NA	NA	NA
75-68-3	1-Chloro-1,1-difluoroethane	NA	NA	NA
109-69-3	1-Chlorobutane [N]	NA	NA	NA
78-93-3	2-Butanone (MEK) [N]	NA	NA	NA
126-99-8	2-Chloro-1,3-butadiene [N]	NA	NA	NA
110-75-8	2-Chloroethyl vinyl ether [N]	NA	NA	NA
75-29-6	2-Chloropropane	NA	NA	NA
591-78-6	2-Hexanone	NA	NA	NA
101-68-8	4,4'-Methylenediphenyl isocyana	NA	NA	NA
108-10-1	4-Methyl-2-Pentanone (MIBK) [N]	NA	NA	NA
67-64-1	Acetone [N]	NA	NA	NA
75-05-8	Acetonitrile [N]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Volatiles (µg/kg)				
107-02-8	Acrolein [N]	NA	NA	NA
107-13-1	Acrylonitrile [C]	NA	NA	NA
107-05-1	Allyl chloride [N]	NA	NA	NA
100-52-7	Benzaldehyde [N]	NA	NA	NA
71-43-2	Benzene [C]	NA	NA	NA
100-44-7	Benzyl chloride [C]	NA	NA	NA
542-88-1	Bis(chloromethyl)ether [C]	NA	NA	NA
75-27-4	Bromodichloromethane [C]	NA	NA	NA
593-60-2	Bromoethene	NA	NA	NA
75-25-2	Bromoform [C]	NA	NA	NA
74-83-9	Bromomethane [N]	NA	NA	NA
56-23-5	Carbon Tetrachloride [C]	NA	NA	NA
75-15-0	Carbon disulfide [N]	NA	NA	NA
108-90-7	Chlorobenzene [N]	NA	NA	NA
75-45-6	Chlorodifluoromethane	NA	NA	NA
75-00-3	Chloroethane [N]	NA	NA	NA
67-66-3	Chloroform [C]	NA	NA	NA
74-87-3	Chloromethane [C]	NA	NA	NA
1476-11-5	Cis-1,4-Dichloro-2-butene	NA	NA	NA
4170-30-3	Crotonaldehyde	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Volatiles (µg/kg)				
108-94-1	Cyclohexanone [N]	NA	NA	NA
1163-19-5	Decabromodiphenyl ether [N]	NA	NA	NA
124-48-1	Dibromochloromethane [C]	NA	NA	NA
75-71-8	Dichlorodifluoromethane [N]	NA	NA	NA
77-73-6	Dicyclopentadiene [N]	NA	NA	NA
107-12-0	Ethyl cyanide	NA	NA	NA
60-29-7	Ethyl ether [N]	NA	NA	NA
100-41-4	Ethylbenzene [N]	NA	NA	NA
87-82-1	Hexabromobenzene [N]	NA	NA	NA
78-83-1	Isobutanol [N]	NA	NA	NA
126-98-7	Methacrylonitrile [N]	NA	NA	NA
74-88-4	Methyl iodide	NA	NA	NA
98-83-9	Methyl styrene (alpha) [N]	NA	NA	NA
25013-15-4	Methyl styrene (mixture) [N]	NA	NA	NA
1634-04-4	Methyl tertbutyl ether (MTBE) [N]	NA	NA	NA
74-95-3	Methylene bromide [N]	NA	NA	NA
75-09-2	Methylene chloride [C]	NA	NA	NA
100-42-5	Styrene [N]	NA	NA	NA
127-18-4	Tetrachloroethene [C]	NA	NA	NA
109-99-9	Tetrahydrofuran	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Volatiles (µg/kg)				
108-88-3	Toluene [N]	NA	NA	NA
79-01-6	Trichloroethene [C]	NA	NA	NA
75-69-4	Trichlorofluoromethane [N]	NA	NA	NA
108-05-4	Vinyl acetate [N]	NA	NA	NA
75-01-4	Vinyl chloride [C]	NA	NA	NA
1330-20-7	Xylene (Total) [N]	NA	NA	NA
10061-01-5	cis-1,3-Dichloropropene [C]	NA	NA	NA
99-08-1	m-Nitrotoluene [N]	NA	NA	NA
108-38-3	m-Xylene [N]	NA	NA	NA
110-54-3	n-Hexane [N]	NA	NA	NA
88-73-3	o-Chloronitrobenzene [C]	NA	NA	NA
95-49-8	o-Chlorotoluene [N]	NA	NA	NA
88-72-2	o-Nitrotoluene [N]	NA	NA	NA
95-47-6	o-Xylene [N]	NA	NA	NA
5216-25-1	p,a,a,a-Tetrachlorotoluene [C]	NA	NA	NA
100-00-5	p-Chloronitrobenzene [C]	NA	NA	NA
99-99-0	p-Nitrotoluene [N]	NA	NA	NA
106-42-3	p-Xylene	NA	NA	NA
135-98-8	sec-Butylbenzene [N]	NA	NA	NA
104-51-8	tert-Butylbenzene [N]	NA	NA	NA

Preliminary Remediation Goals (PRGs) for Sediment Contaminants

CAS #	Parameter	EPA SSVs	FDEP SQAGs	NASP Reference Concentration
Volatiles (µg/kg)				
10061-02-6	trans-1,3-Dichloropropene [C]	NA	NA	NA
110-57-6	trans-1,4-Dichloro-2-butene	NA	NA	NA

Appendix C
Sampling in Support of Construction Analytical Results

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

METAL													
		SAMPLE ID ------->	036-S-031C-02		036-S-031C-04		036-S-031S-02		036-S-032C-02		036-S-032C-06		036-S-032E-04	
		ORIGINAL ID ----->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
		LAB SAMPLE ID --->	35008-010		35008-011		35019-016		35008-007		35008-008		35008-009	
		ID FROM REPORT -->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
		SAMPLE DATE ----->	02/11/93		02/11/93		02/12/93		02/11/93		02/11/93		02/11/93	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		M36SP0	NV	M36SP0	NV	M36SP0	NV	M36SP0	NV	M36SP0	NV	M36SP0	NV
AL	Aluminum		2850.		68.3		776.		5610.		26.7		120.	
SB	Antimony		2.8	U	2.8	U	3.1	U	2.9	U	1.7	U	3.1	J
AS	Arsenic		1.1	J	0.27	J	0.89	J	0.95	J	0.17	U	2.8	
BA	Barium		7.5	J	0.81	J	8.3	J	22.8	J	1.3	J	27.4	J
BE	Beryllium		0.2	U	0.2	U	0.22	U	0.21	U	0.12	U	0.21	U
CD	Cadmium		0.59	U	0.61	U	0.66	U	0.62	U	0.8		1.6	
CA	Calcium		1510.		48.8	J	320.	J	2330.		46.9	J	731.	J
CR	Chromium		5.		1.2	J	3.2		5.9		50.1		5.8	
CO	Cobalt		0.66	J	0.4	U	0.58	J	0.48	J	0.25	U	4.2	J
CU	Copper		4.4	J	0.43	J	2.4	J	5.5		4.5		227.	
CN	Cyanide		0.34	J	0.22	U	0.19	U	0.2	U	0.19	U	0.35	J
FE	Iron		1640.		200.		1580.		4000.		558.		26400.	
PB	Lead		41.9		2.6		36.3		10.		13.7		1310.	
MG	Magnesium		88.1	J	19.7	J	188.	J	142.	J	4.	J	32.5	J
MN	Manganese		129.		1.4	J	36.2		344.		5.9		183.	
HG	Mercury		0.05	U	0.06	U	0.07	U	0.06	U	0.04	U	0.98	
NI	Nickel		2.	U	2.	U	2.2	U	2.1	U	3.8	J	6.9	J
K	Potassium		52.6	J	32.2	U	73.7	J	62.6	J	23.5	J	69.4	J
SE	Selenium		0.26	J	0.35	J	0.16	J	0.66	J	0.38	J	0.24	J
NA	Sodium		23.8	J	8.4	J	16.7	J	32.9	J	8.	J	31.1	J
TL	Thallium		0.27	U	0.41	U	0.31	U	0.42	U	0.35	U	0.37	U
V	Vanadium		4.3	J	0.61	U	1.7	J	10.1	J	0.37	U	2.8	J
ZN	Zinc		13.9		1.9	J	16.5		4.5		5.1		356.	

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

METAL											
	SAMPLE ID ------->	036-S-032E-08		036-G-OGR3-1C		036-G-OGR3-2C					
	ORIGINAL ID ----->	36S32E08		36GR31C		36GR32C					
	LAB SAMPLE ID --->	35008-012		35154-022		35154-024					
	ID FROM REPORT -->	36S32E08		36GR31C		36GR32C					
	SAMPLE DATE ----->	02/11/93		02/24/93		02/24/93					
	MATRIX ---------->	Soil		Water		Water					
	UNITS ---------->	MG/KG		UG/L		UG/L					
CAS #	Parameter	M36SP0	NV	M36GT1	NV	M36GT1	NV				
AL	Aluminum	12.3	J	2730.		4100.					
SB	Antimony	1.8	U	14.	U	14.	U				
AS	Arsenic	0.2	U	4.2	J	1.2	J				
BA	Barium	0.52	J	39.7	J	79.8	J				
BE	Beryllium	0.13	U	1.	U	1.	U				
CD	Cadmium	0.38	U	3.	U	3.	U				
CA	Calcium	52.	J	45300.		52400.					
CR	Chromium	0.81	J	10.1		10.2					
CO	Cobalt	0.25	U	3.3	J	2.	U				
CU	Copper	1.	J	232.		7.9	J				
CN	Cyanide	0.2	U	1.8	U	1.8	U				
FE	Iron	17.7		7450.		5620.					
PB	Lead	2.2		239.		16.3					
MG	Magnesium	6.7	J	3170.	J	2470.	J				
MN	Manganese	0.97	J	93.3		177.					
HG	Mercury	0.08	U	0.2	U	0.2	U				
NI	Nickel	1.3	U	10.	U	10.	U				
K	Potassium	20.2	U	1570.	J	2150.	J				
SE	Selenium	0.28	J	1.5	J	1.	U				
NA	Sodium	11.9	J	16600.		13400.					
TL	Thallium	0.4	U	2.	U	2.	U				
V	Vanadium	0.38	U	6.5	J	9.3	J				
ZN	Zinc	2.4	J	265.		29.1					

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

PEST													
	SAMPLE ID ------->	036-S-031C-02		036-S-031C-04		036-S-031S-02		036-S-032C-02		036-S-032C-06		036-S-032E-04	
	ORIGINAL ID ----->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	LAB SAMPLE ID --->	35008-10		35008-11		35019-16		35008-7		35008-8		35008-9	
	ID FROM REPORT -->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	SAMPLE DATE ----->												
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV
72-54-8	4,4'-DDD	3.8	U	3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
72-55-9	4,4'-DDE	5.8		3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
50-29-3	4,4'-DDT	4.		3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
309-00-2	Aldrin	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
12674-11-2	Aroclor-1016	38.	U	37.	U	36.	U	36.	U	34.	U	36.	U
11104-28-2	Aroclor-1221	76.	U	76.	U	73.	U	73.	U	69.	U	72.	U
11141-16-5	Aroclor-1232	38.	U	37.	U	36.	U	36.	U	34.	U	36.	U
53469-21-9	Aroclor-1242	38.	U	37.	U	36.	U	36.	U	34.	U	36.	U
12672-29-6	Aroclor-1248	38.	U	37.	U	36.	U	36.	U	34.	U	36.	U
11097-69-1	Aroclor-1254	28.	J	37.	U	36.	U	36.	U	34.	U	36.	U
11096-82-5	Aroclor-1260	38.	U	37.	U	36.	U	36.	U	34.	U	36.	U
60-57-1	Dieldrin	9.6		3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
959-98-8	Endosulfan I	3.8	U	3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
33213-65-9	Endosulfan II	3.8	U	3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
1031-07-8	Endosulfan sulfate	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
72-20-8	Endrin	3.8	U	3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
7421-93-4	Endrin aldehyde	3.8	U	3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
53494-70-5	Endrin ketone	3.8	U	3.7	U	3.6	U	3.6	U	3.4	U	3.6	U
76-44-8	Heptachlor	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
1024-57-3	Heptachlor epoxide	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
72-43-5	Methoxychlor	19.	U	19.	U	18.	U	19.	U	17.	U	18.	U
8001-35-2	Toxaphene	190.	U	190.	U	180.	U	190.	U	170.	U	180.	U
319-84-6	alpha-BHC	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
5103-71-9	alpha-Chlordane	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
319-85-7	beta-BHC	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
319-86-8	delta-BHC	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
58-89-9	gamma-BHC (Lindane)	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U
5103-74-2	gamma-Chlordane	1.9	U	1.9	U	1.8	U	1.9	U	1.7	U	1.8	U

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

PEST											
	SAMPLE ID ------->	036-S-032E-08		036-G-OGR3-1C		036-G-OGR3-2C					
	ORIGINAL ID ----->	36S32E08		36GR31C		36GR32C					
	LAB SAMPLE ID --->	35008-12		35154-15		35154-17					
	ID FROM REPORT -->	36S32E08		36GR31C		36GR32C					
	SAMPLE DATE ----->										
	MATRIX ---------->	Soil		Water		Water					
	UNITS ---------->	UG/KG		UG/L		UG/L					
CAS #	Parameter	36SPO	NV	36GT1	NV	36GT1	NV				
72-54-8	4,4'-DDD	3.8	U	0.11	U	0.11	U				
72-55-9	4,4'-DDE	3.8	U	0.11	U	0.11	U				
50-29-3	4,4'-DDT	3.8	U	0.11	U	0.11	U				
309-00-2	Aldrin	2.	U	0.054	U	0.054	U				
12674-11-2	Aroclor-1016	38.	U	1.1	U	1.1	U				
11104-28-2	Aroclor-1221	78.	U	2.2	U	2.2	U				
11141-16-5	Aroclor-1232	38.	U	1.1	U	1.1	U				
53469-21-9	Aroclor-1242	38.	U	1.1	U	1.1	U				
12672-29-6	Aroclor-1248	38.	U	1.1	U	1.1	U				
11097-69-1	Aroclor-1254	38.	U	1.1	U	1.1	U				
11096-82-5	Aroclor-1260	38.	U	1.1	U	1.1	U				
60-57-1	Dieldrin	3.8	U	0.11	U	0.11	U				
959-98-8	Endosulfan I	3.8	U	0.11	U	0.11	U				
33213-65-9	Endosulfan II	3.8	U	0.11	U	0.11	U				
1031-07-8	Endosulfan sulfate	2.	U	0.054	U	0.054	U				
72-20-8	Endrin	3.8	U	0.11	U	0.11	U				
7421-93-4	Endrin aldehyde	3.8	U	0.11	U	0.11	U				
53494-70-5	Endrin ketone	3.8	U	0.11	U	0.11	U				
76-44-8	Heptachlor	2.	U	0.054	U	0.054	U				
1024-57-3	Heptachlor epoxide	2.	U	0.054	U	0.054	U				
72-43-5	Methoxychlor	20.	U	0.54	U	0.54	U				
8001-35-2	Toxaphene	200.	U	5.4	U	5.4	U				
319-84-6	alpha-BHC	2.	U	0.054	U	0.054	U				
5103-71-9	alpha-Chlordane	2.	U	0.054	U	0.054	U				
319-85-7	beta-BHC	2.	U	0.054	U	0.054	U				
319-86-8	delta-BHC	2.	U	0.054	U	0.054	U				
58-89-9	gamma-BHC (Lindane)	2.	U	0.054	U	0.054	U				
5103-74-2	gamma-Chlordane	2.	U	0.054	U	0.054	U				

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

SVOA													
	SAMPLE ID ------->	036-S-031C-02		036-S-031C-04		036-S-031S-02		036-S-032C-02		036-S-032C-06		036-S-032E-04	
	ORIGINAL ID ----->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	LAB SAMPLE ID --->	35008-10		35008-11		35019-16		35008-7		35008-8		35008-9	
	ID FROM REPORT -->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	SAMPLE DATE ----->												
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV
120-82-1	1,2,4-Trichlorobenzene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
95-50-1	1,2-Dichlorobenzene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
541-73-1	1,3-Dichlorobenzene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
106-46-7	1,4-Dichlorobenzene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
95-95-4	2,4,5-Trichlorophenol	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
120-83-2	2,4-Dichlorophenol	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
105-67-9	2,4-Dimethylphenol	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
51-28-5	2,4-Dinitrophenol	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
121-14-2	2,4-Dinitrotoluene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
606-20-2	2,6-Dinitrotoluene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
91-58-7	2-Chloronaphthalene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
95-57-8	2-Chlorophenol	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
91-57-6	2-Methylnaphthalene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
88-74-4	2-Nitroaniline	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
88-75-5	2-Nitrophenol	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
91-94-1	3,3'-Dichlorobenzidine	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
99-09-2	3-Nitroaniline	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
106-47-8	4-Chloroaniline	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
100-01-6	4-Nitroaniline	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
100-02-7	4-Nitrophenol	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
83-32-9	Acenaphthene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
208-96-8	Acenaphthylene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
120-12-7	Anthracene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
56-55-3	Benzo(a)anthracene	250.	J	370.	U	350.	U	360.	U	340.	U	360.	U
50-32-8	Benzo(a)pyrene	240.	J	370.	U	350.	U	360.	U	340.	U	360.	U
205-99-2	Benzo(b)fluoranthene	240.	J	370.	U	350.	U	360.	U	340.	U	360.	U
191-24-2	Benzo(g,h,i)perylene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
207-08-9	Benzo(k)fluoranthene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
85-68-7	Butylbenzylphthalate	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
86-74-8	Carbazole	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
218-01-9	Chrysene	260.	J	370.	U	350.	U	360.	U	340.	U	360.	U

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

SVOA													
	SAMPLE ID ------->	036-S-031C-02		036-S-031C-04		036-S-031S-02		036-S-032C-02		036-S-032C-06		036-S-032E-04	
	ORIGINAL ID ----->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	LAB SAMPLE ID --->	35008-10		35008-11		35019-16		35008-7		35008-8		35008-9	
	ID FROM REPORT -->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	SAMPLE DATE ----->												
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV
84-74-2	Di-n-butylphthalate	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
117-84-0	Di-n-octyl phthalate	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
53-70-3	Dibenz(a,h)anthracene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
132-64-9	Dibenzofuran	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
84-66-2	Diethylphthalate	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
131-11-3	Dimethyl phthalate	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
206-44-0	Fluoranthene	590.		370.	U	350.	U	360.	U	340.	U	360.	U
86-73-7	Fluorene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
118-74-1	Hexachlorobenzene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
87-68-3	Hexachlorobutadiene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
67-72-1	Hexachloroethane	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
193-39-5	Indeno(1,2,3-cd)pyrene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
78-59-1	Isophorone	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
91-20-3	Naphthalene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
98-95-3	Nitrobenzene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
87-86-5	Pentachlorophenol	920.	U	910.	U	860.	U	880.	U	820.	U	870.	U
85-01-8	Phenanthrene	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
108-95-2	Phenol	380.	U	370.	U	350.	U	360.	U	340.	U	360.	U
129-00-0	Pyrene	390.		370.	U	NR		360.	U	340.	U	360.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	370.	U	NR		360.	U	340.	U	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	370.	U	NR		360.	U	340.	U	360.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	370.	U	NR		360.	U	340.	U	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	370.	U	NR		360.	U	340.	U	360.	U

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

SVOA											
		SAMPLE ID ------->	036-S-032E-08		036-G-OGR3-1C		036-G-OGR3-2C				
		ORIGINAL ID ----->	36S32E08		36GR31C		36GR32C				
		LAB SAMPLE ID --->	35008-12		35154-15		35154-17				
		ID FROM REPORT -->	36S32E08		36GR31C		36GR32C				
		SAMPLE DATE ----->									
		MATRIX ---------->	Soil		Water		Water				
		UNITS ---------->	UG/KG		UG/L		UG/L				
CAS #	Parameter		36SP0	NV	36GT1	NV	36GT1	NV			
120-82-1	1,2,4-Trichlorobenzene		380.	U	11.	U	12.	U			
95-50-1	1,2-Dichlorobenzene		380.	U	11.	U	12.	U			
541-73-1	1,3-Dichlorobenzene		380.	U	11.	U	12.	U			
106-46-7	1,4-Dichlorobenzene		380.	U	11.	U	12.	U			
95-95-4	2,4,5-Trichlorophenol		920.	U	28.	U	30.	U			
88-06-2	2,4,6-Trichlorophenol		380.	U	11.	U	12.	U			
120-83-2	2,4-Dichlorophenol		380.	U	11.	U	12.	U			
105-67-9	2,4-Dimethylphenol		380.	U	11.	U	12.	U			
51-28-5	2,4-Dinitrophenol		920.	U	28.	U	30.	U			
121-14-2	2,4-Dinitrotoluene		380.	U	11.	U	12.	U			
606-20-2	2,6-Dinitrotoluene		380.	U	11.	U	12.	U			
91-58-7	2-Chloronaphthalene		380.	U	11.	U	12.	U			
95-57-8	2-Chlorophenol		380.	U	11.	U	12.	U			
91-57-6	2-Methylnaphthalene		380.	U	11.	U	12.	U			
95-48-7	2-Methylphenol (o-Cresol)		380.	U	11.	U	12.	U			
88-74-4	2-Nitroaniline		920.	U	28.	U	30.	U			
88-75-5	2-Nitrophenol		380.	U	11.	U	12.	U			
91-94-1	3,3'-Dichlorobenzidine		380.	U	11.	U	12.	U			
99-09-2	3-Nitroaniline		920.	U	28.	U	30.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		920.	U	28.	U	30.	U			
101-55-3	4-Bromophenyl-phenylether		380.	U	11.	U	12.	U			
59-50-7	4-Chloro-3-methylphenol		380.	U	11.	U	12.	U			
106-47-8	4-Chloroaniline		380.	U	11.	U	12.	U			
7005-72-3	4-Chlorophenylphenylether		380.	U	11.	U	12.	U			
106-44-5	4-Methylphenol (p-Cresol)		380.	U	11.	U	12.	U			
100-01-6	4-Nitroaniline		920.	U	28.	U	30.	U			
100-02-7	4-Nitrophenol		920.	U	28.	U	30.	U			
83-32-9	Acenaphthene		380.	U	11.	U	12.	U			
208-96-8	Acenaphthylene		380.	U	11.	U	12.	U			
120-12-7	Anthracene		380.	U	11.	U	12.	U			
56-55-3	Benzo(a)anthracene		380.	U	11.	U	12.	U			
50-32-8	Benzo(a)pyrene		380.	U	11.	U	12.	U			
205-99-2	Benzo(b)fluoranthene		380.	U	11.	U	12.	U			
191-24-2	Benzo(g,h,i)perylene		380.	U	11.	U	12.	U			
207-08-9	Benzo(k)fluoranthene		380.	U	11.	U	12.	U			
85-68-7	Butylbenzylphthalate		380.	U	11.	U	12.	U			
86-74-8	Carbazole		380.	U	11.	U	12.	U			
218-01-9	Chrysene		380.	U	11.	U	12.	U			

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

SVOA											
	SAMPLE ID ------->	036-S-032E-08		036-G-OGR3-1C		036-G-OGR3-2C					
	ORIGINAL ID ----->	36S32E08		36GR31C		36GR32C					
	LAB SAMPLE ID --->	35008-12		35154-15		35154-17					
	ID FROM REPORT -->	36S32E08		36GR31C		36GR32C					
	SAMPLE DATE ----->										
	MATRIX ---------->	Soil		Water		Water					
	UNITS ---------->	UG/KG		UG/L		UG/L					
CAS #	Parameter	36SP0	NV	36GT1	NV	36GT1	NV				
84-74-2	Di-n-butylphthalate	380.	U	11.	U	12.	U				
117-84-0	Di-n-octyl phthalate	380.	U	11.	U	12.	U				
53-70-3	Dibenz(a,h)anthracene	380.	U	11.	U	12.	U				
132-64-9	Dibenzofuran	380.	U	11.	U	12.	U				
84-66-2	Diethylphthalate	380.	U	11.	U	12.	U				
131-11-3	Dimethyl phthalate	380.	U	11.	U	12.	U				
206-44-0	Fluoranthene	380.	U	11.	U	12.	U				
86-73-7	Fluorene	380.	U	11.	U	12.	U				
118-74-1	Hexachlorobenzene	380.	U	11.	U	12.	U				
87-68-3	Hexachlorobutadiene	380.	U	11.	U	12.	U				
77-47-4	Hexachlorocyclopentadiene	380.	U	11.	U	12.	U				
67-72-1	Hexachloroethane	380.	U	11.	U	12.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	380.	U	11.	U	12.	U				
78-59-1	Isophorone	380.	U	11.	U	12.	U				
621-64-7	N-Nitroso-di-n-propylamine	380.	U	11.	U	12.	U				
86-30-6	N-Nitrosodiphenylamine	380.	U	11.	U	12.	U				
91-20-3	Naphthalene	380.	U	11.	U	12.	U				
98-95-3	Nitrobenzene	380.	U	11.	U	12.	U				
87-86-5	Pentachlorophenol	920.	U	28.	U	30.	U				
85-01-8	Phenanthrene	380.	U	11.	U	12.	U				
108-95-2	Phenol	380.	U	11.	U	12.	U				
129-00-0	Pyrene	380.	U	11.	U	12.	U				
111-91-1	bis(2-Chloroethoxy)methane	380.	U	11.	U	12.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	11.	U	12.	U				
111-44-4	bis(2-Chloroethyl)ether	380.	U	11.	U	12.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	11.	U	12.	U				

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

VOA													
	SAMPLE ID ------->	036-S-031C-02		036-S-031C-04		036-S-031S-02		036-S-032C-02		036-S-032C-06		036-S-032E-04	
	ORIGINAL ID ----->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	LAB SAMPLE ID --->	35008-4		35008-5		35019-10		35008-1		35008-2		35008-3	
	ID FROM REPORT -->	36S31C02		36S31C04		36S31S02		36S32C02		36S32C06		36S32E04	
	SAMPLE DATE ----->												
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV	36SP0	NV
71-55-6	1,1,1-Trichloroethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
79-00-5	1,1,2-Trichloroethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-34-3	1,1-Dichloroethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-35-4	1,1-Dichloroethene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
107-06-2	1,2-Dichloroethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
78-87-5	1,2-Dichloropropane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
78-93-3	2-Butanone (MEK)	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
591-78-6	2-Hexanone	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
67-64-1	Acetone	12.	U	12000.		1300.	U	160.		10.	U	19.	U
71-43-2	Benzene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-27-4	Bromodichloromethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-25-2	Bromoform	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
74-83-9	Bromomethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-15-0	Carbon disulfide	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
56-23-5	Carbon tetrachloride	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
108-90-7	Chlorobenzene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-00-3	Chloroethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
67-66-3	Chloroform	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
74-87-3	Chloromethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
124-48-1	Dibromochloromethane	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
100-41-4	Ethylbenzene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-09-2	Methylene chloride	12.	U	730.	U	780.	U	11.	U	10.	U	11.	U
100-42-5	Styrene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
127-18-4	Tetrachloroethene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
108-88-3	Toluene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
79-01-6	Trichloroethene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
75-01-4	Vinyl chloride	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
1330-20-7	Xylene (Total)	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	1300.	U	1300.	U	11.	U	10.	U	11.	U

PENSACOLA, SITE 36
PENSACOLA, SITE 36 1993 DATA
SAMPLING IN SUPPORT OF CONSTRUCTION

VOA											
	SAMPLE ID ------->	036-S-032E-08		036-G-OGR3-1C		036-G-OGR3-2C					
	ORIGINAL ID ----->	36S32E08		36GR31C		36GR32C					
	LAB SAMPLE ID --->	35008-6		35154-8		35154-10					
	ID FROM REPORT -->	36S32E08		36GR31C		36GR32C					
	SAMPLE DATE ----->										
	MATRIX ---------->	Soil		Water		Water					
	UNITS ---------->	UG/KG		UG/L		UG/L					
CAS #	Parameter	36SPO	NV	36GT1	NV	36GT1	NV				
71-55-6	1,1,1-Trichloroethane	1400.	U	10.	U	10.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1400.	U	10.	U	10.	U				
79-00-5	1,1,2-Trichloroethane	1400.	U	10.	U	10.	U				
75-34-3	1,1-Dichloroethane	1400.	U	10.	U	10.	U				
75-35-4	1,1-Dichloroethene	1400.	U	10.	U	10.	U				
107-06-2	1,2-Dichloroethane	1400.	U	10.	U	10.	U				
540-59-0	1,2-Dichloroethene (total)	1400.	U	10.	U	10.	U				
78-87-5	1,2-Dichloropropane	1400.	U	10.	U	10.	U				
78-93-3	2-Butanone (MEK)	1400.	U	10.	U	10.	U				
591-78-6	2-Hexanone	1400.	U	10.	U	10.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	1400.	U	10.	U	10.	U				
67-64-1	Acetone	6400.		61.		10.	U				
71-43-2	Benzene	1400.	U	10.	U	10.	U				
75-27-4	Bromodichloromethane	1400.	U	10.	U	10.	U				
75-25-2	Bromoform	1400.	U	10.	U	10.	U				
74-83-9	Bromomethane	1400.	U	10.	U	10.	U				
75-15-0	Carbon disulfide	1400.	U	10.	U	10.	U				
56-23-5	Carbon tetrachloride	1400.	U	10.	U	10.	U				
108-90-7	Chlorobenzene	1400.	U	10.	U	10.	U				
75-00-3	Chloroethane	1400.	U	10.	U	10.	U				
67-66-3	Chloroform	1400.	U	10.	U	10.	U				
74-87-3	Chloromethane	1400.	U	10.	U	10.	U				
124-48-1	Dibromochloromethane	1400.	U	10.	U	10.	U				
100-41-4	Ethylbenzene	1400.	U	10.	U	10.	U				
75-09-2	Methylene chloride	870.	U	10.	U	10.	U				
100-42-5	Styrene	1400.	U	10.	U	10.	U				
127-18-4	Tetrachloroethene	1400.	U	10.	U	10.	U				
108-88-3	Toluene	1400.	U	10.	U	10.	U				
79-01-6	Trichloroethene	1400.	U	10.	U	10.	U				
75-01-4	Vinyl chloride	1400.	U	10.	U	10.	U				
1330-20-7	Xylene (Total)	1400.	U	10.	U	10.	U				
10061-01-5	cis-1,3-Dichloropropene	1400.	U	10.	U	10.	U				
10061-02-6	trans-1,3-Dichloropropene	1400.	U	10.	U	10.	U				

Appendix D
Chevalier Field Site 36 Samples Resulting in Removal Actions
IWTP Sewer Line Source Characterization Results

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

METAL													
		SAMPLE ID ------->	036-S-0001-01		036-S-0001-02		036-S-0003-01		036-S-0003-03		036-S-0006-01		036-S-0006-03	
		ORIGINAL ID ----->	36S0101		36S0102		36S0301		36S0303		36S0601		36S0603	
		LAB SAMPLE ID --->	X94919		X94935		X94870		X94889		X92770		X92789	
		ID FROM REPORT -->	J50511		J50513		J50507		J50508		J50409		J50410	
		SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94					
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		CT804	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
CN	Cyanide		0.52	U	1.2	U	0.53	U	0.52	U	0.52	U	0.49	U
AL	Aluminum		1350.	J	505.	J	2590.		2310.		3140.		1020.	
SB	Antimony		5.5	UJ	5.4	UJ	5.5	UJ	5.5	UJ	5.4	UJ	5.4	UJ
AS	Arsenic		0.64	U	0.95	U	5.4		3.5	U	1.5	U	0.63	U
BA	Barium		28.6	J	24.5	J	86.1		50.6		4.8	J	5.	J
BE	Beryllium		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
CD	Cadmium		3.2		1.	UJ	0.85	U	0.85	U	0.84	U	0.84	U
CA	Calcium		2290.	J	968.	J	3210.		1470.		704.	J	161.	J
CR	Chromium		44.5		1.7	J	2.8		3.2		2.7		2.5	
CO	Cobalt		1.1	U	1.	U	1.2	J	1.7	J	1.	U	1.	U
CU	Copper		14.3		6.4	U	43.2		192.		1.9	J	1.4	J
FE	Iron		2650.	J	582.	J	3500.	J	3260.	J	2430.	J	995.	J
PB	Lead		165.		81.5	J	1590.		201.		9.5		12.5	
MG	Magnesium		207.	J	77.2	J	283.	J	167.	J	109.	J	55.9	J
MN	Manganese		23.8		6.9	J	82.		69.2		17.3		5.7	
HG	Mercury		0.12		0.1	UJ	0.14		0.19		0.1	U	0.1	U
NI	Nickel		3.6	U	3.6	U	3.6	J	3.6	U	3.6	U	3.5	U
K	Potassium		89.1	U	88.	U	225.	J	141.	J	87.9	U	87.7	U
SE	Selenium		1.1	U	1.	U	1.1	U	1.1	U	1.	U	1.	U
AG	Silver		0.76	U	0.63	UJ	0.64	U	0.64	U	0.63	U	0.63	U
NA	Sodium		35.9	J	10.3	U	24.2	J	21.1	J	21.	J	13.9	J
TL	Thallium		1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
V	Vanadium		4.	J	0.88	J	5.7	J	4.6	J	5.3	J	1.5	J
ZN	Zinc		256.	J	57.5	J	100.	J	86.7	J	6.	UJ	7.4	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

METAL													
		SAMPLE ID ------->	036-S-0007-01		036-S-0011-01		036-S-0011-03		036-S-0011-05		036-S-0011-07		036-S-0012-01	
		ORIGINAL ID ----->	36S0701		36S1101		36S1103		36S1105		36S1107		36S1201	
		LAB SAMPLE ID --->	X92215		X90905		X90913		X90921		X90930		X90190	
		ID FROM REPORT -->	J50315		J43001		J43002		J43003		J43004		J42915	
		SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		04/29/94		04/28/94	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
CN	Cyanide		0.54	U	1.1	U	1.2	U	1.2	U	0.98	U	1.2	U
AL	Aluminum		7610.		2450.		686.		797.		679.		929.	
SB	Antimony		5.7	UJ	5.4	U	5.4	U	5.5	U	6.4	U	5.4	U
AS	Arsenic		1.9	U	0.66		0.63	U	0.63	U	0.74	U	0.62	U
BA	Barium		2.5	J	6.		1.8		2.2	U	2.9	U	3.7	
BE	Beryllium		0.22	U	0.21	U	0.21	U	0.21	U	0.25	U	0.21	U
CD	Cadmium		1.1		1.	U	1.	U	1.1	U	1.2	U	1.	U
CA	Calcium		129.	J	37300.		239.	U	147.	U	312.		369.	
CR	Chromium		7.4		3.2		3.7		2.9		3.1		1.8	
CO	Cobalt		1.1	U	1.	U	1.	U	1.1	U	1.2	U	1.	U
CU	Copper		2.5	J	2.1		1.4		1.7		1.9		2.	
FE	Iron		5690.	J	1490.		538.		605.		543.		575.	
PB	Lead		9.7		18.7		12.6	U	12.2	U	12.4		16.6	
MG	Magnesium		28.9	U	387.		13.6	U	15.9	U	17.6	U	25.7	U
MN	Manganese		11.1		128.		15.1	U	14.9	U	32.		16.3	U
HG	Mercury		0.11		0.1	U	0.1	U	0.11	U	0.12	U	0.1	U
NI	Nickel		3.7	U	3.5	U	3.5	U	3.6	U	4.2	U	3.5	U
K	Potassium		91.4	U	87.7	U	87.6	U	88.6	U	103.	U	86.5	U
SE	Selenium		1.1	U	1.	U	1.	U	1.1	U	1.2	U	1.	U
AG	Silver		0.65	U	1.	U	1.	U	1.1	U	1.2	U	1.	U
NA	Sodium		26.8	J	267.	J	3.8	U	3.8	U	6.3	UJ	6.8	U
TL	Thallium		1.3	U	1.3	U	1.3	U	1.3	U	1.5	U	1.2	U
V	Vanadium		13.4		4.2		1.6		1.7		1.7		2.1	
ZN	Zinc		5.1	UJ	8.	U	5.9	U	5.9		4.8		5.9	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

METAL											
		SAMPLE ID ------->	036-S-0012-03		036-S-0012-05		036-S-0012-07				
		ORIGINAL ID ----->	36S1203		36S1205		36S1207				
		LAB SAMPLE ID --->	X90204		X90212		X90220				
		ID FROM REPORT -->	J42916		J42917		J42918				
		SAMPLE DATE ----->	04/28/94		04/28/94		04/28/94				
		MATRIX ---------->	Soil		Soil		Soil				
		UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter		CT802	VAL	CT802	VAL	CT802	VAL			
CN	Cyanide		0.95	U	1.2	U	1.3	U			
AL	Aluminum		4780.		664.		811.				
SB	Antimony		5.4	U	5.4	U	5.6	U			
AS	Arsenic		0.72		0.62	U	0.65	U			
BA	Barium		5.		1.5		2.3				
BE	Beryllium		0.21	U	0.21	U	0.22	U			
CD	Cadmium		1.	U	1.	U	1.1	U			
CA	Calcium		473.		765.		993.				
CR	Chromium		5.4		3.3		5.2				
CO	Cobalt		1.	U	1.	U	1.1	U			
CU	Copper		3.1		1.7		1.9				
FE	Iron		1970.		450.		642.				
PB	Lead		14.5		9.7	U	12.8				
MG	Magnesium		50.1	U	32.3	U	32.9	U			
MN	Manganese		122.		17.6	U	22.2	U			
HG	Mercury		0.1	U	0.1	U	0.11	U			
NI	Nickel		3.6	U	3.5	U	3.7	U			
K	Potassium		87.8	U	87.1	U	105.				
SE	Selenium		1.	U	1.	U	1.1	U			
AG	Silver		1.	U	1.	U	1.1	U			
NA	Sodium		27.8	U	13.6	U	15.6	J			
TL	Thallium		1.3	U	1.2	U	1.3	U			
V	Vanadium		6.1		1.4		2.1	U			
ZN	Zinc		8.6	U	6.1	U	3.9	U			

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

PEST													
	SAMPLE ID ------->	036-S-0001-01		036-S-0001-02		036-S-0003-01		036-S-0003-03		036-S-0006-01		036-S-0006-03	
	ORIGINAL ID ----->	36S0101		36S0102		36S0301		36S0303		36S0601		36S0603	
	LAB SAMPLE ID --->	9491.9		9493.5		9487.0		9488.9		9277.0		9278.9	
	ID FROM REPORT -->	J50511		J50513		J50507		J50508		J50409		J50410	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94		05/03/94		05/03/94	
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/04/94		05/04/94	
	DATE ANALYZED --->	05/14/94		05/20/94		05/14/94		05/14/94		05/14/94		05/14/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT804	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
1031-07-8	Endosulfan sulfate	3.5	U	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
11096-82-5	Aroclor-1260	110.	J	34.	U	35.	U	35.	U	34.	U	34.	U
11097-69-1	Aroclor-1254	35.	U	34.	U	35.	U	35.	U	34.	U	34.	U
11104-28-2	Aroclor-1221	71.	U	69.	U	71.	U	71.	U	70.	U	70.	U
11141-16-5	Aroclor-1232	35.	U	34.	U	35.	U	35.	U	34.	U	34.	U
12672-29-6	Aroclor-1248	35.	U	34.	U	35.	U	35.	U	34.	U	34.	U
12674-11-2	Aroclor-1016	35.	U	34.	U	35.	U	35.	U	34.	U	34.	U
309-00-2	Aldrin	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
319-84-6	alpha-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
319-85-7	beta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
319-86-8	delta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
33213-65-9	Endosulfan II	3.1	J	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
50-29-3	4,4'-DDT	12.	J	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
5103-71-9	alpha-Chlordane	1.7	J	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
53469-21-9	Aroclor-1242	35.	U	34.	U	35.	U	35.	U	34.	U	34.	U
53494-70-5	Endrin ketone	3.5	U	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
60-57-1	Dieldrin	3.5	U	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
72-20-8	Endrin	3.5	U	3.4	U	3.5	U	12.		3.4	U	3.4	U
72-43-5	Methoxychlor	18.	U	18.	U	18.	U	18.	U	18.	U	18.	U
72-54-8	4,4'-DDD	3.5	U	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
72-55-9	4,4'-DDE	5.6	J	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
7421-93-4	Endrin aldehyde	3.5	U	3.4	U	3.5	U	3.5	U	3.4	U	3.4	U
76-44-8	Heptachlor	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
8001-35-2	Toxaphene	180.	U	180.	U	180.	U	180.	U	180.	U	180.	U
959-98-8	Endosulfan I	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

PEST													
	SAMPLE ID ------->	036-S-0007-01		036-S-0011-01		036-S-0011-03		036-S-0011-06		036-S-0011-07		036-S-0012-01	
	ORIGINAL ID ----->	36S0701		36S1101		36S1103		36S1106		36S1107		36S1201	
	LAB SAMPLE ID --->	9221.5		9090.5		9091.3		9092.1		9093.0		9019.0	
	ID FROM REPORT -->	J50315		J43001		J43002		J43003		J43004		J42915	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		04/29/94		04/28/94	
	DATE EXTRACTED -->	05/03/94		04/30/94		04/30/94		04/30/94		04/30/94		04/29/94	
	DATE ANALYZED --->	05/14/94		05/08/94		05/07/94		05/07/94		05/07/94		05/05/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	1.2	J	0.98	J	2.1	U	1.8	U
1031-07-8	Endosulfan sulfate	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
11096-82-5	Aroclor-1260	36.	U	34.	U	34.	U	35.	U	41.	U	34.	U
11097-69-1	Aroclor-1254	36.	U	34.	U	34.	U	35.	U	41.	U	34.	U
11104-28-2	Aroclor-1221	73.	U	70.	U	70.	U	70.	U	82.	U	69.	U
11141-16-5	Aroclor-1232	36.	U	34.	U	34.	U	35.	U	41.	U	34.	U
12672-29-6	Aroclor-1248	36.	U	34.	U	34.	U	35.	U	41.	U	34.	U
12674-11-2	Aroclor-1016	36.	U	34.	U	34.	U	35.	U	41.	U	34.	U
309-00-2	Aldrin	1.8	U	1.8	U	1.8	U	1.8	U	2.1	U	1.8	U
319-84-6	alpha-BHC	1.8	U	1.8	U	1.8	U	1.8	U	2.1	U	1.8	U
319-85-7	beta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	2.1	U	1.8	U
319-86-8	delta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	2.1	U	1.8	U
33213-65-9	Endosulfan II	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
50-29-3	4,4'-DDT	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	0.74	J	1.8	U	2.1	U	1.4	J
5103-74-2	gamma-Chlordane	1.8	U	1.3	J	3.5		2.2		2.3		3.4	
53469-21-9	Aroclor-1242	36.	U	34.	U	34.	U	35.	U	41.	U	34.	U
53494-70-5	Endrin ketone	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.8	U	1.8	U	2.1	U	1.8	U
60-57-1	Dieldrin	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
72-20-8	Endrin	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
72-43-5	Methoxychlor	18.	U	18.	U	18.	U	18.	U	21.	U	18.	U
72-54-8	4,4'-DDD	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
72-55-9	4,4'-DDE	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
7421-93-4	Endrin aldehyde	3.6	U	3.4	U	3.4	U	3.5	U	4.1	U	3.4	U
76-44-8	Heptachlor	1.8	U	1.8	U	1.8	U	1.8	U	2.1	U	1.8	U
8001-35-2	Toxaphene	180.	U	180.	U	180.	U	180.	U	210.	U	180.	U
959-98-8	Endosulfan I	1.8	U	1.8	U	1.8	U	1.8	U	2.1	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

PEST											
	SAMPLE ID ------->	036-S-0012-03		036-S-0012-05		036-S-0012-07					
	ORIGINAL ID ----->	36S1203		36S1205		36S1207					
	LAB SAMPLE ID --->	9020.4		9021.2		9022.0					
	ID FROM REPORT -->	J42916		J42917		J42918					
	SAMPLE DATE ----->	04/28/94		04/28/94		04/28/94					
	DATE EXTRACTED -->	04/29/94		04/29/94		04/29/94					
	DATE ANALYZED --->	05/05/94		05/05/94		05/05/94					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	CT802	VAL	CT802	VAL	CT802	VAL				
1024-57-3	Heptachlor epoxide	1.8	U	0.77	J	0.92	J				
1031-07-8	Endosulfan sulfate	3.4	U	3.4	U	3.6	U				
11096-82-5	Aroclor-1260	34.	U	34.	U	36.	U				
11097-69-1	Aroclor-1254	34.	U	34.	U	36.	U				
11104-28-2	Aroclor-1221	70.	U	70.	U	73.	U				
11141-16-5	Aroclor-1232	34.	U	34.	U	36.	U				
12672-29-6	Aroclor-1248	34.	U	34.	U	36.	U				
12674-11-2	Aroclor-1016	34.	U	34.	U	36.	U				
309-00-2	Aldrin	1.8	U	1.8	U	1.9	U				
319-84-6	alpha-BHC	1.8	U	1.8	U	1.9	U				
319-85-7	beta-BHC	1.8	U	1.8	U	1.9	U				
319-86-8	delta-BHC	1.8	U	1.8	U	1.9	U				
33213-65-9	Endosulfan II	3.4	U	3.4	U	3.6	U				
50-29-3	4,4'-DDT	3.4	U	3.4	U	3.6	U				
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	1.7	J				
5103-74-2	gamma-Chlordane	1.1	J	2.	J	7.2					
53469-21-9	Aroclor-1242	34.	U	34.	U	36.	U				
53494-70-5	Endrin ketone	3.4	U	3.4	U	3.6	U				
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.9	U				
60-57-1	Dieldrin	3.4	U	3.4	U	3.6	U				
72-20-8	Endrin	3.4	U	3.4	U	3.6	U				
72-43-5	Methoxychlor	18.	U	18.	U	19.	U				
72-54-8	4,4'-DDD	3.4	U	3.4	U	3.6	U				
72-55-9	4,4'-DDE	3.4	U	3.4	U	3.6	U				
7421-93-4	Endrin aldehyde	3.4	U	3.4	U	3.6	U				
76-44-8	Heptachlor	1.8	U	1.8	U	0.73	J				
8001-35-2	Toxaphene	180.	U	180.	U	190.	U				
959-98-8	Endosulfan I	1.8	U	1.8	U	1.9	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

SVOA													
	SAMPLE ID ------->	036-S-0001-01		036-S-0001-02		036-S-0003-01		036-S-0003-03 RE		036-S-0006-01 RE		036-S-0006-03	
	ORIGINAL ID ----->	36S0101		36S0102		36S0301		36S0303RE		36S0601RE		36S0603	
	LAB SAMPLE ID --->	9491.9		9493.5		9487.0		9488.9RE		9277.0RE		9278.9	
	ID FROM REPORT -->	J50511		J50513		J50507		J50508RE		J50409RE		J50410	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94						05/03/94	
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/04/94		05/04/94	
	DATE ANALYZED --->	05/13/94		05/13/94		05/12/94		05/13/94		05/13/94		05/12/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
108-95-2	Phenol	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
95-57-8	2-Chlorophenol	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
541-73-1	1,3-Dichlorobenzene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
106-46-7	1,4-Dichlorobenzene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
95-50-1	1,2-Dichlorobenzene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
67-72-1	Hexachloroethane	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
98-95-3	Nitrobenzene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
78-59-1	Isophorone	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
88-75-5	2-Nitrophenol	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
105-67-9	2,4-Dimethylphenol	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
120-83-2	2,4-Dichlorophenol	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
91-20-3	Naphthalene	350.	U	340.	U	160.	J	350.	U	340.	U	340.	U
106-47-8	4-Chloroaniline	350.	U	340.	UJ	45.	J	350.	U	340.	U	340.	U
87-68-3	Hexachlorobutadiene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
91-57-6	2-Methylnaphthalene	350.	U	340.	U	99.	J	350.	U	340.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	340.	UJ	350.	U	350.	U	340.	U	340.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	850.	U	830.	U	850.	U	850.	U	830.	U	830.	U
91-58-7	2-Chloronaphthalene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
88-74-4	2-Nitroaniline	850.	U	830.	U	850.	U	850.	U	830.	U	830.	U
131-11-3	Dimethyl phthalate	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
208-96-8	Acenaphthylene	350.	U	340.	U	4100.	D	350.	U	400.		340.	U
606-20-2	2,6-Dinitrotoluene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
99-09-2	3-Nitroaniline	850.	U	830.	UJ	850.	U	850.	U	830.	U	830.	U
83-32-9	Acenaphthene	350.	U	340.	U	970.		350.	U	340.	U	340.	U
51-28-5	2,4-Dinitrophenol	850.	U	830.	UJ	850.	U	850.	U	830.	U	830.	UJ
100-02-7	4-Nitrophenol	850.	U	830.	U	850.	U	850.	U	830.	U	830.	U
132-64-9	Dibenzofuran	350.	U	340.	U	520.		350.	U	340.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

SVOA													
	SAMPLE ID ------->	036-S-0001-01		036-S-0001-02		036-S-0003-01		036-S-0003-03 RE		036-S-0006-01 RE		036-S-0006-03	
	ORIGINAL ID ----->	36S0101		36S0102		36S0301		36S0303RE		36S0601RE		36S0603	
	LAB SAMPLE ID --->	9491.9		9493.5		9487.0		9488.9RE		9277.0RE		9278.9	
	ID FROM REPORT -->	J50511		J50513		J50507		J50508RE		J50409RE		J50410	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94						05/03/94	
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/04/94		05/04/94	
	DATE ANALYZED --->	05/13/94		05/13/94		05/12/94		05/13/94		05/13/94		05/12/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
121-14-2	2,4-Dinitrotoluene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
84-66-2	Diethylphthalate	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
86-73-7	Fluorene	350.	U	340.	U	720.	J	350.	U	340.	U	340.	U
100-01-6	4-Nitroaniline	850.	U	830.	U	850.	U	850.	U	830.	U	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	850.	U	830.	U	850.	UJ	850.	U	830.	U	830.	UJ
86-30-6	N-Nitrosodiphenylamine	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
118-74-1	Hexachlorobenzene	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
87-86-5	Pentachlorophenol	850.	U	830.	UJ	850.	U	850.	U	830.	U	830.	U
85-01-8	Phenanthrene	150.	J	340.	U	11000.	D	78.	J	43.	J	340.	U
120-12-7	Anthracene	39.	J	340.	U	2800.	J	350.	U	220.	J	340.	U
86-74-8	Carbazole	350.	U	340.	UJ	1200.	J	350.	U	340.	U	340.	U
84-74-2	Di-n-butylphthalate	350.	U	340.	U	350.	U	350.	U	340.	U	340.	U
206-44-0	Fluoranthene	300.	J	340.	U	25000.	D	110.	J	750.		340.	U
129-00-0	Pyrene	570.	J	340.	U	26000.	D	140.	J	1300.		340.	U
85-68-7	Butylbenzylphthalate	6500.	D	340.	U	350.	UR	350.	U	340.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	350.	UJ	340.	U	350.	UR	350.	U	38.	J	340.	U
56-55-3	Benzo(a)anthracene	250.	J	340.	U	2300.	J	80.	J	980.		340.	U
218-01-9	Chrysene	210.	J	340.	U	15000.	D	94.	J	1000.		340.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	7200.	D	340.	U	350.	UR	350.	U	64.	J	64.	J
117-84-0	Di-n-octyl phthalate	110.	J	340.	U	350.	UR	350.	UJ	340.	UJ	340.	UJ
205-99-2	Benzo(b)fluoranthene	300.	J	340.	U	23000.	DJ	180.	J	2700.	J	340.	U
207-08-9	Benzo(k)fluoranthene	120.	J	340.	U	13000.	DJ	89.	J	1600.	J	340.	U
50-32-8	Benzo(a)pyrene	170.	J	340.	U	15000.	DJ	120.	J	1700.	J	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	UR	340.	U	6000.	DJ	50.	J	580.	J	340.	U
53-70-3	Dibenz(a,h)anthracene	350.	UR	340.	U	350.	UR	350.	UJ	340.	UJ	340.	U
191-24-2	Benzo(g,h,i)perylene	350.	UR	340.	UJ	5400.	DJ	160.	J	600.	J	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

SVOA															
	SAMPLE ID ------->	036-S-0007-01		036-S-0011-01		036-S-0011-03		036-S-0011-06		036-S-0011-07		036-S-0012-01	
	ORIGINAL ID ----->	36S0701		36S1101		36S1103		36S1106		36S1107		36S1201	
	LAB SAMPLE ID --->	9221.5		9090.5		9091.3		9092.1		9093.0		9019.0	
	ID FROM REPORT -->	J50315		J43001		J43002		J43003		J43004		J42915	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		04/29/94		04/28/94	
	DATE EXTRACTED -->	05/03/94		04/30/94		04/30/94		04/30/94		04/30/94		04/29/94	
	DATE ANALYZED --->	05/10/94		05/05/94		05/05/94		05/05/94		05/05/94		05/05/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
108-95-2	Phenol	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
95-57-8	2-Chlorophenol	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
541-73-1	1,3-Dichlorobenzene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
106-46-7	1,4-Dichlorobenzene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
95-50-1	1,2-Dichlorobenzene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
67-72-1	Hexachloroethane	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
98-95-3	Nitrobenzene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
78-59-1	Isophorone	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
88-75-5	2-Nitrophenol	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
105-67-9	2,4-Dimethylphenol	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
111-91-1	bis(2-Chloroethoxy)methane	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
120-83-2	2,4-Dichlorophenol	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
91-20-3	Naphthalene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
106-47-8	4-Chloroaniline	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
87-68-3	Hexachlorobutadiene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
91-57-6	2-Methylnaphthalene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
88-06-2	2,4,6-Trichlorophenol	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
91-58-7	2-Chloronaphthalene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
88-74-4	2-Nitroaniline	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
131-11-3	Dimethyl phthalate	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
208-96-8	Acenaphthylene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
606-20-2	2,6-Dinitrotoluene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
99-09-2	3-Nitroaniline	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
83-32-9	Acenaphthene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
51-28-5	2,4-Dinitrophenol	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
100-02-7	4-Nitrophenol	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
132-64-9	Dibenzofuran	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

SVOA													
	SAMPLE ID ------->	036-S-0007-01		036-S-0011-01		036-S-0011-03		036-S-0011-06		036-S-0011-07		036-S-0012-01	
	ORIGINAL ID ----->	36S0701		36S1101		36S1103		36S1106		36S1107		36S1201	
	LAB SAMPLE ID --->	9221.5		9090.5		9091.3		9092.1		9093.0		9019.0	
	ID FROM REPORT -->	J50315		J43001		J43002		J43003		J43004		J42915	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		04/29/94		04/28/94	
	DATE EXTRACTED -->	05/03/94		04/30/94		04/30/94		04/30/94		04/30/94		04/29/94	
	DATE ANALYZED --->	05/10/94		05/05/94		05/05/94		05/05/94		05/05/94		05/05/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
121-14-2	2,4-Dinitrotoluene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
84-66-2	Diethylphthalate	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
86-73-7	Fluorene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
100-01-6	4-Nitroaniline	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
86-30-6	N-Nitrosodiphenylamine	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
101-55-3	4-Bromophenyl-phenylether	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
118-74-1	Hexachlorobenzene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
87-86-5	Pentachlorophenol	870.	U	830.	U	830.	U	840.	U	990.	U	820.	U
85-01-8	Phenanthrene	360.	U	120.	J	49.	J	350.	U	410.	U	340.	U
120-12-7	Anthracene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
86-74-8	Carbazole	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
84-74-2	Di-n-butylphthalate	76.	J	340.	U	340.	U	350.	U	410.	U	69.	U
206-44-0	Fluoranthene	360.	U	220.	J	82.	J	350.	U	410.	U	40.	J
129-00-0	Pyrene	360.	U	200.	J	84.	J	36.	J	410.	U	43.	J
85-68-7	Butylbenzylphthalate	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
56-55-3	Benzo(a)anthracene	360.	U	91.	J	49.	J	350.	U	410.	U	340.	U
218-01-9	Chrysene	360.	U	110.	J	50.	J	350.	U	410.	U	340.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	55.	U	74.	U	53.	U	120.	U	62.	U
117-84-0	Di-n-octyl phthalate	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
205-99-2	Benzo(b)fluoranthene	360.	U	250.	J	100.	J	48.	J	410.	U	59.	J
207-08-9	Benzo(k)fluoranthene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
50-32-8	Benzo(a)pyrene	360.	U	110.	J	44.	J	350.	U	410.	U	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U	57.	J	340.	U	350.	U	410.	U	340.	U
53-70-3	Dibenz(a,h)anthracene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U
191-24-2	Benzo(g,h,i)perylene	360.	U	340.	U	340.	U	350.	U	410.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

SVOA										
	SAMPLE ID ------->	036-S-0012-03		036-S-0012-05		036-S-0012-07				
	ORIGINAL ID ----->	36S1203		36S1205		36S1207				
	LAB SAMPLE ID --->	9020.4		9021.2		9022.0				
	ID FROM REPORT -->	J42916		J42917		J42918				
	SAMPLE DATE ----->	04/28/94		04/28/94		04/28/94				
	DATE EXTRACTED -->	04/29/94		04/29/94		04/29/94				
	DATE ANALYZED --->	05/05/94		05/05/94		05/05/94				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg				
CAS #	Parameter	CT802	VAL	CT802	VAL	CT802	VAL			
108-95-2	Phenol	340.	U	340.	U	360.	U			
111-44-4	bis(2-Chloroethyl)ether	340.	U	340.	U	360.	U			
95-57-8	2-Chlorophenol	340.	U	340.	U	360.	U			
541-73-1	1,3-Dichlorobenzene	340.	U	340.	U	360.	U			
106-46-7	1,4-Dichlorobenzene	340.	U	340.	U	360.	U			
95-50-1	1,2-Dichlorobenzene	340.	U	340.	U	360.	U			
95-48-7	2-Methylphenol (o-Cresol)	340.	U	340.	U	360.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U	360.	U			
106-44-5	4-Methylphenol (p-Cresol)	340.	U	340.	U	360.	U			
621-64-7	N-Nitroso-di-n-propylamine	340.	U	340.	U	360.	U			
67-72-1	Hexachloroethane	340.	U	340.	U	360.	U			
98-95-3	Nitrobenzene	340.	U	340.	U	360.	U			
78-59-1	Isophorone	340.	U	340.	U	360.	U			
88-75-5	2-Nitrophenol	340.	U	340.	U	360.	U			
105-67-9	2,4-Dimethylphenol	340.	U	340.	U	360.	U			
111-91-1	bis(2-Chloroethoxy)methane	340.	U	340.	U	360.	U			
120-83-2	2,4-Dichlorophenol	340.	U	340.	U	360.	U			
120-82-1	1,2,4-Trichlorobenzene	340.	U	340.	U	360.	U			
91-20-3	Naphthalene	340.	U	340.	U	360.	U			
106-47-8	4-Chloroaniline	340.	U	340.	U	360.	U			
87-68-3	Hexachlorobutadiene	340.	U	340.	U	360.	U			
59-50-7	4-Chloro-3-methylphenol	340.	U	340.	U	360.	U			
91-57-6	2-Methylnaphthalene	340.	U	340.	U	360.	U			
77-47-4	Hexachlorocyclopentadiene	340.	U	340.	U	360.	U			
88-06-2	2,4,6-Trichlorophenol	340.	U	340.	U	360.	U			
95-95-4	2,4,5-Trichlorophenol	830.	U	830.	U	870.	U			
91-58-7	2-Chloronaphthalene	340.	U	340.	U	360.	U			
88-74-4	2-Nitroaniline	830.	U	830.	U	870.	U			
131-11-3	Dimethyl phthalate	340.	U	340.	U	360.	U			
208-96-8	Acenaphthylene	340.	U	340.	U	360.	U			
606-20-2	2,6-Dinitrotoluene	340.	U	340.	U	360.	U			
99-09-2	3-Nitroaniline	830.	U	830.	U	870.	U			
83-32-9	Acenaphthene	340.	U	340.	U	360.	U			
51-28-5	2,4-Dinitrophenol	830.	U	830.	U	870.	U			
100-02-7	4-Nitrophenol	830.	U	830.	U	870.	U			
132-64-9	Dibenzofuran	340.	U	340.	U	360.	U			

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

SVOA											
		SAMPLE ID ------->	036-S-0012-03		036-S-0012-05		036-S-0012-07				
		ORIGINAL ID ----->	36S1203		36S1205		36S1207				
		LAB SAMPLE ID --->	9020.4		9021.2		9022.0				
		ID FROM REPORT -->	J42916		J42917		J42918				
		SAMPLE DATE ----->	04/28/94		04/28/94		04/28/94				
		DATE EXTRACTED -->	04/29/94		04/29/94		04/29/94				
		DATE ANALYZED --->	05/05/94		05/05/94		05/05/94				
		MATRIX ---------->	Soil		Soil		Soil				
		UNITS ---------->	ug/Kg		ug/Kg		ug/Kg				
CAS #	Parameter		CT802	VAL	CT802	VAL	CT802	VAL			
121-14-2	2,4-Dinitrotoluene		340.	U	340.	U	360.	U			
84-66-2	Diethylphthalate		340.	U	340.	U	360.	U			
7005-72-3	4-Chlorophenylphenylether		340.	U	340.	U	360.	U			
86-73-7	Fluorene		340.	U	340.	U	360.	U			
100-01-6	4-Nitroaniline		830.	U	830.	U	870.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		830.	U	830.	U	870.	U			
86-30-6	N-Nitrosodiphenylamine		340.	U	340.	U	360.	U			
101-55-3	4-Bromophenyl-phenylether		340.	U	340.	U	360.	U			
118-74-1	Hexachlorobenzene		340.	U	340.	U	360.	U			
87-86-5	Pentachlorophenol		830.	U	830.	U	870.	U			
85-01-8	Phenanthrene		230.	J	340.	U	360.	U			
120-12-7	Anthracene		41.	J	340.	U	360.	U			
86-74-8	Carbazole		340.	U	340.	U	360.	U			
84-74-2	Di-n-butylphthalate		340.	U	340.	U	360.	U			
206-44-0	Fluoranthene		290.	J	340.	U	58.	J			
129-00-0	Pyrene		260.	J	340.	U	59.	J			
85-68-7	Butylbenzylphthalate		340.	U	340.	U	360.	U			
91-94-1	3,3'-Dichlorobenzidine		340.	U	340.	U	360.	U			
56-55-3	Benzo(a)anthracene		140.	J	340.	U	360.	U			
218-01-9	Chrysene		150.	J	340.	U	360.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		41.	U	35.	U	44.	U			
117-84-0	Di-n-octyl phthalate		340.	U	340.	U	360.	U			
205-99-2	Benzo(b)fluoranthene		280.	J	340.	U	71.	J			
207-08-9	Benzo(k)fluoranthene		340.	U	340.	U	360.	U			
50-32-8	Benzo(a)pyrene		130.	J	340.	U	360.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		62.	J	340.	U	360.	U			
53-70-3	Dibenz(a,h)anthracene		340.	U	340.	U	360.	U			
191-24-2	Benzo(g,h,i)perylene		340.	U	340.	U	360.	U			

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

VOA													
		SAMPLE ID ------->	036-S-0001-01		036-S-0001-02		036-S-0003-01		036-S-0003-03		036-S-0006-01		036-S-0006-03	
		ORIGINAL ID ----->	36S0101		36S0102		36S0301		36S0303		36S0601		36S0603	
		LAB SAMPLE ID --->	9491.9		9493.5		9487.0		9488.9		9277.0		9278.9	
		ID FROM REPORT -->	J505011		J50513		J50507		J50508		J50409		J50410	
		SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94		05/03/94		05/03/94	
		DATE ANALYZED --->	05/11/94		05/10/94		05/11/94		05/10/94		05/06/94		05/06/94	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter		CT804	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
74-87-3	Chloromethane		11.	UJ	10.	UJ	11.	UJ	11.	UJ	10.	U	10.	U
74-83-9	Bromomethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
75-01-4	Vinyl chloride		11.	U	10.	UJ	11.	U	11.	UJ	10.	U	10.	U
75-00-3	Chloroethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
75-09-2	Methylene chloride		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
67-64-1	Acetone		11.	U	46.	UJ	11.	U	22.	UJ	52.		52.	
75-15-0	Carbon disulfide		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
67-66-3	Chloroform		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)		11.	U	10.	UJ	11.	U	11.	UJ	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
75-27-4	Bromodichloromethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
79-01-6	Trichloroethene		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
124-48-1	Dibromochloromethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
71-43-2	Benzene		11.	U	10.	U	11.	U	6.	J	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
75-25-2	Bromoform		11.	U	10.	U	11.	U	11.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)		11.	U	10.	UJ	11.	U	11.	UJ	10.	U	10.	U
591-78-6	2-Hexanone		11.	U	10.	UJ	11.	U	11.	UJ	10.	U	10.	U
127-18-4	Tetrachloroethene		11.	U	10.	U	11.	U	11.	UJ	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane		11.	U	10.	U	11.	U	11.	UJ	10.	U	10.	U
108-88-3	Toluene		11.	U	10.	U	11.	U	49.	J	10.	U	10.	U
108-90-7	Chlorobenzene		11.	U	10.	U	11.	U	11.	UJ	10.	U	10.	U
100-41-4	Ethylbenzene		11.	U	10.	U	11.	U	11.	UJ	10.	U	10.	U
100-42-5	Styrene		11.	U	10.	U	11.	U	11.	UJ	10.	U	10.	U
1330-20-7	Xylene (Total)		11.	U	10.	U	11.	U	18.	J	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

VOA													
	SAMPLE ID ------->	036-S-0007-01		036-S-0011-01		036-S-0011-03		036-S-0011-06		036-S-0011-07		036-S-0012-01	
	ORIGINAL ID ----->	36S0701		36S1101		36S1103		36S1106		36S1107		36S1201	
	LAB SAMPLE ID --->	9221.5		9090.5		9091.3		9092.1		9093.0		9019.0	
	ID FROM REPORT -->	J50315		J43001		J43002		J43003		J43004		J42915	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		04/29/94		04/28/94	
	DATE ANALYZED --->	05/05/94		05/03/94		05/03/94		05/03/94		05/03/94		05/02/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
74-87-3	Chloromethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	11.	U	2.	U	2.	U	3.	U	2.	U	3.	U
67-64-1	Acetone	17.	U	8.	U	4.	U	31.	U	54.	U	12.	U
75-15-0	Carbon disulfide	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	11.	UJ	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	UJ	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOIL SAMPLES RESULTING IN REMOVALS

VOA											
	SAMPLE ID ------->	036-S-0012-03		036-S-0012-05		036-S-0012-07					
	ORIGINAL ID ----->	36S1203		36S1205		36S1207					
	LAB SAMPLE ID --->	9020.4		9021.2		9022.0					
	ID FROM REPORT -->	J42916		J42917		J42918					
	SAMPLE DATE ----->	04/28/94		04/28/94		04/28/94					
	DATE ANALYZED --->	05/02/94		05/03/94		05/03/94					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg					
CAS #	Parameter	CT802	VAL	CT802	VAL	CT802	VAL				
74-87-3	Chloromethane	10.	U	10.	U	11.	U				
74-83-9	Bromomethane	10.	U	10.	U	11.	U				
75-01-4	Vinyl chloride	10.	U	10.	U	11.	U				
75-00-3	Chloroethane	10.	U	10.	U	11.	U				
75-09-2	Methylene chloride	2.	U	2.	U	2.	U				
67-64-1	Acetone	45.	U	72.	U	79.	U				
75-15-0	Carbon disulfide	10.	U	10.	U	11.	U				
75-35-4	1,1-Dichloroethene	10.	U	10.	U	11.	U				
75-34-3	1,1-Dichloroethane	10.	U	10.	U	11.	U				
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	11.	U				
67-66-3	Chloroform	10.	U	10.	U	11.	U				
107-06-2	1,2-Dichloroethane	10.	U	10.	U	11.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U	11.	U				
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	11.	U				
56-23-5	Carbon tetrachloride	10.	U	10.	U	11.	U				
75-27-4	Bromodichloromethane	10.	U	10.	U	11.	U				
78-87-5	1,2-Dichloropropane	10.	U	10.	U	11.	U				
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	11.	U				
79-01-6	Trichloroethene	10.	U	10.	U	11.	U				
124-48-1	Dibromochloromethane	10.	U	10.	U	11.	U				
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	11.	U				
71-43-2	Benzene	10.	U	10.	U	11.	U				
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	11.	U				
75-25-2	Bromoform	10.	U	10.	U	11.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	11.	U				
591-78-6	2-Hexanone	10.	U	10.	U	11.	U				
127-18-4	Tetrachloroethene	10.	U	10.	U	11.	U				
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	11.	U				
108-88-3	Toluene	10.	U	10.	U	11.	U				
108-90-7	Chlorobenzene	10.	U	10.	U	11.	U				
100-41-4	Ethylbenzene	10.	U	10.	U	11.	U				
100-42-5	Styrene	10.	U	10.	U	11.	U				
1330-20-7	Xylene (Total)	10.	U	10.	U	11.	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOURCE CHARACTERIZATION SEDIMENT SAMPLES

METAL											
		SAMPLE ID ------->	036-M-MA05-08		036-M-MA07-10		036-M-MA10-09		036-M-MA6B-03		
		ORIGINAL ID ----->	36MA508		36MA710		36MA10C09		36MA6B03		
		LAB SAMPLE ID --->	102113		102130		102105		102148		
		ID FROM REPORT -->	J51204		J51206		J51203		J51207		
		SAMPLE DATE ----->									
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		
CAS #	Parameter		CT806	VAL	CT806	VAL	CT806	VAL	CT806	VAL	
CN	Cyanide		15.9		13.3		35.5		1.3	U	
AL	Aluminum		1200.	J	1830.	J	2450.	J	383.	J	
SB	Antimony		12.8	J	46.9	J	39.	J	6.3	UJ	
AS	Arsenic		12.9		3.1	U	2.8	U	0.73	U	
BA	Barium		591.	J	1070.	J	484.	J	6.9	J	
BE	Beryllium		0.26	U	0.27	U	0.26	U	0.24	U	
CD	Cadmium		91.8	J	163.	J	196.	J	1.2	J	
CA	Calcium		1530.	J	14900.		1200.	J	3900.		
CR	Chromium		2000.		3370.		2080.		82.5		
CO	Cobalt		10.1	J	7.5	J	4.3	J	1.2	U	
CU	Copper		316.	J	427.	J	408.	J	39.6	J	
FE	Iron		37900.	J	25700.	J	9510.	J	2940.	J	
PB	Lead		610.	J	2120.	J	1210.	J	19.2	J	
MG	Magnesium		305.	J	771.	J	491.	J	634.	J	
MN	Manganese		47.7	J	111.	J	77.1	J	108.	J	
HG	Mercury		9.5	J	2.3	J	22.9	J	0.12	UJ	
NI	Nickel		334.	J	616.	J	440.	J	4.1	U	
K	Potassium		110.	U	114.	U	108.	U	102.	U	
SE	Selenium		3.1	U	2.	U	1.6	U	1.2	U	
AG	Silver		71.7	J	52.8	J	66.5	J	0.73	UJ	
NA	Sodium		23.4	U	148.	J	47.2	J	24.5	U	
TL	Thallium		1.6	U	1.6	U	1.5	U	1.5	U	
V	Vanadium		7.3	J	1.2	J	1.9	J	1.	J	
ZN	Zinc		606.	J	874.	J	981.	J	96.9	J	

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOURCE CHARACTERIZATION SEDIMENT SAMPLES

PEST											
	SAMPLE ID ------->	036-M-MA05-08		036-M-MA07-10		036-M-MA10-09		036-M-MA6B-03			
	ORIGINAL ID ----->	36MA508		36MA710		36MA10C09		36MA6B03			
	LAB SAMPLE ID --->	10211.3		10213.0		10210.5		10214.8			
	ID FROM REPORT -->	J51204		J51206		J51203		J51207			
	SAMPLE DATE ----->	05/11/94		05/11/94		05/11/94		05/11/94			
	DATE EXTRACTED -->	05/12/94		05/12/94		05/12/94		05/12/94			
	DATE ANALYZED --->	05/24/94		05/24/94		05/21/94		05/24/94			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT806	VAL		
1024-57-3	Heptachlor epoxide	56.	U	57.	U	540.	U	2.1	U		
1031-07-8	Endosulfan sulfate	110.	U	110.	U	1100.	U	4.	U		
11096-82-5	Aroclor-1260	55000.	D	77000.	DJ	180000.		42.	U		
11097-69-1	Aroclor-1254	1100.	U	1100.	U	11000.	U	40.	U		
11104-28-2	Aroclor-1221	2200.	U	2300.	U	21000.	U	82.	U		
11141-16-5	Aroclor-1232	1100.	U	1100.	U	11000.	U	40.	U		
12672-29-6	Aroclor-1248	1100.	U	1100.	U	11000.	U	16.	J		
12674-11-2	Aroclor-1016	1100.	U	1100.	U	11000.	U	40.	U		
309-00-2	Aldrin	56.	U	57.	U	540.	UR	2.1	U		
319-84-6	alpha-BHC	56.	U	57.	U	540.	U	2.1	U		
319-85-7	beta-BHC	56.	U	57.	U	540.	U	2.1	U		
319-86-8	delta-BHC	56.	U	57.	U	540.	U	2.1	U		
33213-65-9	Endosulfan II	110.	U	110.	U	1100.	U	4.	U		
50-29-3	4,4'-DDT	110.	U	110.	U	1100.	UR	4.	U		
5103-71-9	alpha-Chlordane	56.	U	57.	U	540.	U	2.1	U		
5103-74-2	gamma-Chlordane	56.	U	57.	U	540.	U	2.1	U		
53469-21-9	Aroclor-1242	1100.	U	1100.	U	11000.	U	40.	U		
53494-70-5	Endrin ketone	110.	U	110.	U	1100.	U	4.	U		
58-89-9	gamma-BHC (Lindane)	56.	U	57.	U	540.	UR	2.1	U		
60-57-1	Dieldrin	110.	U	110.	U	1100.	UR	4.	U		
72-20-8	Endrin	110.	U	110.	U	1100.	UR	4.	U		
72-43-5	Methoxychlor	560.	U	570.	U	5400.	U	21.	U		
72-54-8	4,4'-DDD	110.	U	110.	U	1100.	U	4.	U		
72-55-9	4,4'-DDE	110.	U	110.	U	1100.	U	4.	U		
7421-93-4	Endrin aldehyde	110.	U	110.	U	1100.	U	4.	U		
76-44-8	Heptachlor	56.	U	57.	U	540.	UR	2.1	U		
8001-35-2	Toxaphene	5600.	U	5700.	U	54000.	U	210.	U		
959-98-8	Endosulfan I	56.	U	57.	U	540.	U	2.1	U		

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOURCE CHARACTERIZATION SEDIMENT SAMPLES

SVOA											
	SAMPLE ID ------->	036-M-MA05-08		036-M-MA05-08 DL		036-M-MA07-10		036-M-MA10-09		036-M-MA6B-03	
	ORIGINAL ID ----->	36MA508		36MA508DL		36MA710		36MA10C09		36MA6B03	
	LAB SAMPLE ID --->	10211.3		10211.3DL		10213.0		10210.5		10214.8	
	ID FROM REPORT -->	J51204		J51204DL		J51206		J51203		J51207	
	SAMPLE DATE ----->	05/11/94		05/11/94		05/11/94		05/11/94		05/11/94	
	DATE EXTRACTED -->	05/12/94		05/12/94		05/12/94		05/12/94		05/12/94	
	DATE ANALYZED --->	05/18/94		05/18/94		05/18/94		05/18/94		05/18/94	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT806	VAL	CT806	VAL
108-95-2	Phenol	11000.	U	87000.	U	22000.	U	21000.	UR	400.	U
111-44-4	bis(2-Chloroethyl)ether	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
95-57-8	2-Chlorophenol	11000.	U	87000.	U	22000.	U	21000.	UR	400.	U
541-73-1	1,3-Dichlorobenzene	11000.	U	87000.	U	22000.	U	3200.	J	400.	U
106-46-7	1,4-Dichlorobenzene	11000.	U	87000.	U	22000.	U	4600.	J	400.	U
95-50-1	1,2-Dichlorobenzene	11000.	U	87000.	U	22000.	U	4900.	J	400.	U
95-48-7	2-Methylphenol (o-Cresol)	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	11000.	U	87000.	U	22000.	U	21000.	UR	400.	U
67-72-1	Hexachloroethane	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
98-95-3	Nitrobenzene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
78-59-1	Isophorone	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
88-75-5	2-Nitrophenol	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
105-67-9	2,4-Dimethylphenol	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
111-91-1	bis(2-Chloroethoxy)methane	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
120-83-2	2,4-Dichlorophenol	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	11000.	U	87000.	U	3700.	J	13000.	J	400.	U
91-20-3	Naphthalene	11000.	U	87000.	U	22000.	U	13000.	J	400.	U
106-47-8	4-Chloroaniline	11000.	UJ	87000.	UJ	22000.	UJ	21000.	UJ	400.	UJ
87-68-3	Hexachlorobutadiene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	11000.	U	87000.	U	22000.	U	21000.	UJ	400.	U
91-57-6	2-Methylnaphthalene	7300.	J	87000.	U	7700.	J	17000.	J	400.	U
77-47-4	Hexachlorocyclopentadiene	11000.	UR	87000.	UR	22000.	UR	21000.	UR	400.	UR
88-06-2	2,4,6-Trichlorophenol	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	26000.	U	210000.	U	54000.	U	51000.	U	980.	U
91-58-7	2-Chloronaphthalene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
88-74-4	2-Nitroaniline	26000.	UJ	210000.	UJ	54000.	UJ	51000.	UJ	980.	UJ
131-11-3	Dimethyl phthalate	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
208-96-8	Acenaphthylene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
606-20-2	2,6-Dinitrotoluene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U
99-09-2	3-Nitroaniline	26000.	U	210000.	U	54000.	U	51000.	U	980.	U
83-32-9	Acenaphthene	11000.	U	87000.	U	22000.	U	21000.	UJ	400.	U
51-28-5	2,4-Dinitrophenol	26000.	U	210000.	U	54000.	U	51000.	U	980.	U
100-02-7	4-Nitrophenol	26000.	U	210000.	U	54000.	U	51000.	UR	980.	U
132-64-9	Dibenzofuran	11000.	U	87000.	U	22000.	U	21000.	U	400.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOURCE CHARACTERIZATION SEDIMENT SAMPLES

SVOA													
	SAMPLE ID ------->	036-M-MA05-08		036-M-MA05-08 DL		036-M-MA07-10		036-M-MA10-09		036-M-MA6B-03			
	ORIGINAL ID ----->	36MA508		36MA508DL		36MA710		36MA10C09		36MA6B03			
	LAB SAMPLE ID --->	10211.3		10211.3DL		10213.0		10210.5		10214.8			
	ID FROM REPORT -->	J51204		J51204DL		J51206		J51203		J51207			
	SAMPLE DATE ----->	05/11/94		05/11/94		05/11/94		05/11/94		05/11/94			
	DATE EXTRACTED -->	05/12/94		05/12/94		05/12/94		05/12/94		05/12/94			
	DATE ANALYZED --->	05/18/94		05/18/94		05/18/94		05/18/94		05/18/94			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg			
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT806	VAL	CT806	VAL		
121-14-2	2,4-Dinitrotoluene	11000.	U	87000.	U	22000.	U	21000.	UR	400.	U		
84-66-2	Diethylphthalate	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
7005-72-3	4-Chlorophenylphenylether	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
86-73-7	Fluorene	11000.	UJ	87000.	UJ	22000.	UJ	21000.	UJ	400.	UJ		
100-01-6	4-Nitroaniline	26000.	UJ	210000.	UJ	54000.	UJ	51000.	UJ	980.	UJ		
534-52-1	2-Methyl-4,6-Dinitrophenol	26000.	U	210000.	U	54000.	U	51000.	U	980.	U		
86-30-6	N-Nitrosodiphenylamine	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
101-55-3	4-Bromophenyl-phenylether	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
118-74-1	Hexachlorobenzene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
87-86-5	Pentachlorophenol	26000.	U	210000.	U	54000.	U	51000.	UR	980.	U		
85-01-8	Phenanthrene	4100.	J	87000.	U	22000.	U	4500.	J	400.	U		
120-12-7	Anthracene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
86-74-8	Carbazole	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
84-74-2	Di-n-butylphthalate	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
206-44-0	Fluoranthene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
129-00-0	Pyrene	1800.	J	87000.	UJ	22000.	UJ	21000.	UJ	400.	UJ		
85-68-7	Butylbenzylphthalate	1800.	J	87000.	UJ	11000.	J	7600.	J	400.	UJ		
91-94-1	3,3'-Dichlorobenzidine	11000.	UJ	87000.	UJ	22000.	UJ	21000.	UJ	400.	UJ		
56-55-3	Benzo(a)anthracene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
218-01-9	Chrysene	11000.	U	87000.	U	22000.	U	21000.	U	400.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	60000.	J	64000.	J	140000.		57000.		62.	J		
117-84-0	Di-n-octyl phthalate	1100.	J	87000.	U	3800.	J	3200.	J	400.	U		
205-99-2	Benzo(b)fluoranthene	11000.	UJ	87000.	U	22000.	U	21000.	U	400.	U		
207-08-9	Benzo(k)fluoranthene	11000.	UJ	87000.	U	22000.	U	21000.	U	400.	U		
50-32-8	Benzo(a)pyrene	11000.	UJ	87000.	U	22000.	U	21000.	U	400.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	11000.	UJ	87000.	U	22000.	U	21000.	U	400.	U		
53-70-3	Dibenz(a,h)anthracene	11000.	UJ	87000.	U	22000.	U	21000.	U	400.	U		
191-24-2	Benzo(g,h,i)perylene	11000.	UJ	87000.	U	22000.	U	21000.	U	400.	U		

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
SOURCE CHARACTERIZATION SEDIMENT SAMPLES

VOA											
	SAMPLE ID ------->	036-M-MA05-08		036-M-MA07-10		036-M-MA10-09		036-M-MA6B-03			
	ORIGINAL ID ----->	36MA508		36MA710		36MA10C09		36MA6B03			
	LAB SAMPLE ID --->	10211.3		10213.0		10210.5		10214.8			
	ID FROM REPORT -->	J51204		J51206		J51203		J51207			
	SAMPLE DATE ----->	05/11/94		05/11/94		05/11/94		05/11/94			
	DATE ANALYZED --->	05/18/94		05/20/94		05/20/94		05/18/94			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		ug/Kg			
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT806	VAL		
74-87-3	Chloromethane	1600.	U	1600.	UJ	1500.	UJ	10.	U		
74-83-9	Bromomethane	1600.	U	1600.	U	1500.	U	10.	U		
75-01-4	Vinyl chloride	1600.	U	1600.	U	1500.	U	10.	UJ		
75-00-3	Chloroethane	1600.	UJ	1600.	U	340.	J	10.	U		
75-09-2	Methylene chloride	1600.	UJ	1600.	U	1500.	U	10.	UJ		
67-64-1	Acetone	1600.	U	1600.	U	1500.	U	22.	U		
75-15-0	Carbon disulfide	1600.	UJ	1600.	U	1500.	U	10.	U		
75-35-4	1,1-Dichloroethene	1600.	UJ	1600.	U	1500.	U	10.	U		
75-34-3	1,1-Dichloroethane	1600.	U	1600.	U	1500.	U	10.	U		
540-59-0	1,2-Dichloroethene (total)	1600.	U	1600.	U	1500.	U	10.	U		
67-66-3	Chloroform	1600.	U	1600.	U	1500.	U	10.	UJ		
107-06-2	1,2-Dichloroethane	1600.	U	1600.	U	1500.	U	10.	U		
78-93-3	2-Butanone (MEK)	1600.	U	1600.	U	1500.	U	10.	UJ		
71-55-6	1,1,1-Trichloroethane	1600.	U	1600.	U	1000.	J	10.	U		
56-23-5	Carbon tetrachloride	1600.	U	1600.	U	1500.	U	10.	U		
75-27-4	Bromodichloromethane	1600.	U	1600.	U	1500.	U	10.	U		
78-87-5	1,2-Dichloropropane	1600.	U	1600.	U	1500.	U	10.	U		
10061-01-5	cis-1,3-Dichloropropene	1600.	U	1600.	U	1500.	U	10.	U		
79-01-6	Trichloroethene	1600.	U	1600.	U	1500.	U	10.	U		
124-48-1	Dibromochloromethane	1600.	U	1600.	U	1500.	U	10.	U		
79-00-5	1,1,2-Trichloroethane	1600.	U	1600.	U	1500.	U	10.	U		
71-43-2	Benzene	1600.	U	1600.	U	1500.	U	10.	U		
10061-02-6	trans-1,3-Dichloropropene	1600.	U	1600.	U	1500.	U	10.	U		
75-25-2	Bromoform	1600.	U	1600.	U	1500.	U	10.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	1600.	U	1600.	U	1500.	U	10.	U		
591-78-6	2-Hexanone	1600.	U	1600.	U	1500.	U	10.	U		
127-18-4	Tetrachloroethene	1600.	U	1600.	U	1500.	U	10.	U		
79-34-5	1,1,2,2-Tetrachloroethane	1600.	U	1600.	U	1500.	U	10.	U		
108-88-3	Toluene	1600.	U	2700.		1400.	J	10.	U		
108-90-7	Chlorobenzene	1600.	U	1600.	U	1500.	U	10.	U		
100-41-4	Ethylbenzene	1600.	U	5500.		17000.		10.	U		
100-42-5	Styrene	1600.	U	1600.	U	1500.	U	10.	U		
1330-20-7	Xylene (Total)	1600.	U	40000.		52000.		10.	U		

*** Validation Complete ***

Appendix E
Building 3380 Samples Resulting in a Removal Action

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

METAL													
	SAMPLE ID ------->	036-S-0025-01		036-S-0025-03		036-S-0026-01		036-S-0026-03		036-S-0029-01		036-S-0029-03	
	ORIGINAL ID ----->	36S2501		36S2503		36S2601		36S2603		36S2901		36S2903	
	LAB SAMPLE ID --->	40733-014		40733-015		40733-016		40733-017		40748-036		40748-037	
	ID FROM REPORT -->	J62901		J62902		J62903		J62904		J63010		J63011	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		06/28/94		06/29/94		06/29/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
CN	Cyanide	0.09	J	0.12	J	0.09	J	0.06	U	0.21	J	0.22	J
AL	Aluminum	2000.	J	1460.	J	4630.	J	155.	J	3510.	J	512.	J
SB	Antimony	2.1	U	2.4	U	2.2	U	2.7	U	2.9	U	2.6	U
AS	Arsenic	0.54	J	0.66	J	1.6	J	0.43	UJ	1.4	J	0.42	UJ
BA	Barium	3.9	U	3.	U	3.	U	0.44	J	6.9	U	2.2	U
BE	Beryllium	0.05	U	0.05	U	0.05	U	0.06	U	0.07	U	0.06	U
CD	Cadmium	0.57	J	0.29	U	0.27	J	0.32	U	0.36	U	0.32	U
CA	Calcium	288.	J	360.	J	211.	U	35.3	U	6650.		236.	U
CR	Chromium	3.6		2.8	U	5.6		0.49	U	5.5		1.5	U
CO	Cobalt	0.44	U	0.51	U	0.61	J	0.57	U	0.62	U	0.55	U
CU	Copper	1.2	J	0.51	J	1.7	J	0.53	UJ	1.5	J	2.2	J
FE	Iron	1730.	J	1660.	J	4250.	J	141.	J	4690.	J	1000.	J
PB	Lead	30.3		9.4		9.7		2.3		17.6		29.1	
MG	Magnesium	27.3	J	29.1	J	20.	J	11.6	J	55.4	J	9.3	J
MN	Manganese	54.3		9.8		89.		4.6		51.5		3.2	
HG	Mercury	0.01	U	0.04	U	0.03	U	0.04	U	0.11		0.07	J
NI	Nickel	1.1	U	1.2	U	1.2	U	1.4	U	1.7	U	1.4	U
K	Potassium	88.	U	89.3	U	85.2	U	99.8	U	123.	U	111.	U
SE	Selenium	0.49	U	0.56	U	0.52	U	0.63	U	0.69	U	0.61	U
AG	Silver	0.42	U	0.49	U	0.45	U	0.55	U	0.6	U	0.53	U
NA	Sodium	3.3	U	3.7	U	4.2	U	3.1	U	20.	U	3.	U
TL	Thallium	0.49	U	0.56	U	0.52	U	0.63	U	0.69	U	0.61	U
V	Vanadium	5.2	J	8.3	J	13.9		0.71	U	15.8		2.	J
ZN	Zinc	8.8	UJ	1.7	UJ	9.7	UJ	0.8	UJ	6.1	UJ	2.7	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

METAL

SAMPLE ID -------->	036-S-0032-01
ORIGINAL ID ----->	36S3201
LAB SAMPLE ID --->	40748-035
ID FROM REPORT -->	J63009
SAMPLE DATE ----->	06/29/94
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	CT808	VAL
CN	Cyanide	0.07	U
AL	Aluminum	1360.	J
SB	Antimony	2.7	U
AS	Arsenic	0.49	J
BA	Barium	9.	U
BE	Beryllium	0.15	U
CD	Cadmium	0.33	U
CA	Calcium	4910.	
CR	Chromium	1.5	U
CO	Cobalt	1.8	J
CU	Copper	3.9	J
FE	Iron	469.	J
PB	Lead	33.6	
MG	Magnesium	953.	J
MN	Manganese	48.4	
HG	Mercury	0.06	J
NI	Nickel	1.4	U
K	Potassium	276.	U
SE	Selenium	0.63	U
AG	Silver	0.55	U
NA	Sodium	28.3	U
TL	Thallium	0.63	U
V	Vanadium	3.	J
ZN	Zinc	14.3	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

PEST													
	SAMPLE ID ------->	036-S-0025-01		036-S-0025-03		036-S-0026-01		036-S-0026-03		036-S-0029-01		036-S-0029-03	
	ORIGINAL ID ----->	36S2501		36S2503		36S2601		36S2603		36S2901		36S2903	
	LAB SAMPLE ID --->	14735.4		14736.2		14737.0		14738.9		14756.7		14757.5	
	ID FROM REPORT -->	J62901		J62902		J62903		J62904		J63010		J63011	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		06/28/94		06/29/94		06/29/94	
	DATE EXTRACTED -->	07/06/94		07/06/94		07/06/94		07/06/94		07/06/94		07/06/94	
	DATE ANALYZED --->	07/09/94		07/10/94		07/10/94		07/10/94		07/10/94		07/11/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
1024-57-3	Heptachlor epoxide	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
1031-07-8	Endosulfan sulfate	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
11096-82-5	Aroclor-1260	35.	U	36.	U	36.	U	35.	U	37.	U	36.	U
11097-69-1	Aroclor-1254	35.	U	36.	U	36.	U	35.	U	37.	U	36.	U
11104-28-2	Aroclor-1221	71.	U	74.	U	74.	U	71.	U	75.	U	74.	U
11141-16-5	Aroclor-1232	35.	U	36.	U	36.	U	35.	U	37.	U	36.	U
12672-29-6	Aroclor-1248	35.	U	36.	U	36.	U	35.	U	37.	U	36.	U
12674-11-2	Aroclor-1016	35.	U	36.	U	36.	U	35.	U	37.	U	36.	U
309-00-2	Aldrin	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
319-84-6	alpha-BHC	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
319-85-7	beta-BHC	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
319-86-8	delta-BHC	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
33213-65-9	Endosulfan II	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
50-29-3	4,4'-DDT	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
5103-71-9	alpha-Chlordane	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
5103-74-2	gamma-Chlordane	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
53469-21-9	Aroclor-1242	35.	U	36.	U	36.	U	35.	U	37.	U	36.	U
53494-70-5	Endrin ketone	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
60-57-1	Dieldrin	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
72-20-8	Endrin	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
72-43-5	Methoxychlor	18.	U	19.	U	19.	U	18.	U	19.	U	19.	U
72-54-8	4,4'-DDD	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
72-55-9	4,4'-DDE	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
7421-93-4	Endrin aldehyde	3.5	U	3.6	U	3.6	U	3.5	U	3.7	U	3.6	U
76-44-8	Heptachlor	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U
8001-35-2	Toxaphene	180.	U	190.	U	190.	U	180.	U	190.	U	190.	U
959-98-8	Endosulfan I	1.8	U	1.9	U	1.9	U	1.8	U	1.9	U	1.9	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

PEST

SAMPLE ID ------->	036-S-0032-01
ORIGINAL ID ----->	36S3201
LAB SAMPLE ID --->	14755.9
ID FROM REPORT -->	J63009
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/06/94
DATE ANALYZED --->	07/10/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	CT808	VAL
1024-57-3	Heptachlor epoxide	2.1	U
1031-07-8	Endosulfan sulfate	4.	U
11096-82-5	Aroclor-1260	40.	U
11097-69-1	Aroclor-1254	40.	U
11104-28-2	Aroclor-1221	81.	U
11141-16-5	Aroclor-1232	40.	U
12672-29-6	Aroclor-1248	40.	U
12674-11-2	Aroclor-1016	40.	U
309-00-2	Aldrin	2.1	U
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
33213-65-9	Endosulfan II	4.	U
50-29-3	4,4'-DDT	3.9	J
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
53469-21-9	Aroclor-1242	40.	U
53494-70-5	Endrin ketone	4.	U
58-89-9	gamma-BHC (Lindane)	2.1	U
60-57-1	Dieldrin	4.	U
72-20-8	Endrin	4.	U
72-43-5	Methoxychlor	21.	U
72-54-8	4,4'-DDD	4.	U
72-55-9	4,4'-DDE	4.	U
7421-93-4	Endrin aldehyde	4.	U
76-44-8	Heptachlor	2.1	U
8001-35-2	Toxaphene	210.	U
959-98-8	Endosulfan I	2.1	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

SVOA													
	SAMPLE ID ------->	036-S-0025-01		036-S-0025-03 RE		036-S-0026-01		036-S-0026-03		036-S-0029-01 RE		036-S-0029-03	
	ORIGINAL ID ----->	36S2501		36S2503RE		36S2601		36S2603		36S2901RE		36S2903	
	LAB SAMPLE ID --->	40733-9		40733-10RE		40733-11		40733-12		40748-23RE		40748-24	
	ID FROM REPORT -->	J62901		J62902RE		J62903		J62904		J63010RE		J63011	
	SAMPLE DATE ----->	06/28/94				06/28/94		06/28/94				06/29/94	
	DATE EXTRACTED -->	07/05/94		07/05/94		07/05/94		07/05/94		07/05/94		07/05/94	
	DATE ANALYZED --->	07/07/94		07/07/94		07/07/94		07/07/94		07/08/94		07/07/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
108-95-2	Phenol	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
111-44-4	bis(2-Chloroethyl)ether	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
95-57-8	2-Chlorophenol	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
541-73-1	1,3-Dichlorobenzene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
106-46-7	1,4-Dichlorobenzene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
95-50-1	1,2-Dichlorobenzene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
95-48-7	2-Methylphenol (o-Cresol)	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
106-44-5	4-Methylphenol (p-Cresol)	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
67-72-1	Hexachloroethane	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
98-95-3	Nitrobenzene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
78-59-1	Isophorone	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
88-75-5	2-Nitrophenol	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
105-67-9	2,4-Dimethylphenol	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
111-91-1	bis(2-Chloroethoxy)methane	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
120-83-2	2,4-Dichlorophenol	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
91-20-3	Naphthalene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
106-47-8	4-Chloroaniline	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
87-68-3	Hexachlorobutadiene	340.	UJ	360.	U	360.	UJ	350.	UJ	370.	U	360.	U
59-50-7	4-Chloro-3-methylphenol	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
91-57-6	2-Methylnaphthalene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
77-47-4	Hexachlorocyclopentadiene	340.	UJ	360.	U	360.	UJ	350.	UJ	370.	U	360.	U
88-06-2	2,4,6-Trichlorophenol	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
95-95-4	2,4,5-Trichlorophenol	830.	U	870.	U	880.	U	840.	U	890.	U	870.	U
91-58-7	2-Chloronaphthalene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
88-74-4	2-Nitroaniline	830.	U	870.	U	880.	U	840.	U	890.	U	870.	U
131-11-3	Dimethyl phthalate	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
208-96-8	Acenaphthylene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
606-20-2	2,6-Dinitrotoluene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
99-09-2	3-Nitroaniline	830.	U	870.	U	880.	U	840.	U	890.	U	870.	U
83-32-9	Acenaphthene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
51-28-5	2,4-Dinitrophenol	830.	UJ	870.	U	880.	UJ	840.	UJ	890.	U	870.	U
100-02-7	4-Nitrophenol	830.	U	870.	U	880.	U	840.	U	890.	U	870.	U
132-64-9	Dibenzofuran	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

SVOA													
	SAMPLE ID ------->	036-S-0025-01		036-S-0025-03 RE		036-S-0026-01		036-S-0026-03		036-S-0029-01 RE		036-S-0029-03	
	ORIGINAL ID ----->	36S2501		36S2503RE		36S2601		36S2603		36S2901RE		36S2903	
	LAB SAMPLE ID --->	40733-9		40733-10RE		40733-11		40733-12		40748-23RE		40748-24	
	ID FROM REPORT -->	J62901		J62902RE		J62903		J62904		J63010RE		J63011	
	SAMPLE DATE ----->	06/28/94				06/28/94		06/28/94				06/29/94	
	DATE EXTRACTED -->	07/05/94		07/05/94		07/05/94		07/05/94		07/05/94		07/05/94	
	DATE ANALYZED --->	07/07/94		07/07/94		07/07/94		07/07/94		07/08/94		07/07/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
121-14-2	2,4-Dinitrotoluene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
84-66-2	Diethylphthalate	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
86-73-7	Fluorene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
100-01-6	4-Nitroaniline	830.	U	870.	U	880.	U	840.	U	890.	U	870.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U	870.	U	880.	U	840.	U	890.	U	870.	U
86-30-6	N-Nitrosodiphenylamine	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
101-55-3	4-Bromophenyl-phenylether	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
118-74-1	Hexachlorobenzene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
87-86-5	Pentachlorophenol	830.	U	870.	U	880.	U	840.	U	890.	U	870.	U
85-01-8	Phenanthrene	80.	J	360.	U	360.	U	320.	J	370.	U	360.	U
120-12-7	Anthracene	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
86-74-8	Carbazole	340.	U	360.	U	360.	U	84.	J	370.	U	360.	U
84-74-2	Di-n-butylphthalate	340.	U	360.	U	360.	U	350.	U	370.	U	360.	U
206-44-0	Fluoranthene	400.		360.	U	360.	U	1100.		370.	U	360.	U
129-00-0	Pyrene	590.	J	360.	UJ	360.	UJ	1400.	J	370.	UJ	360.	U
85-68-7	Butylbenzylphthalate	340.	UJ	360.	UJ	360.	UJ	350.	UJ	370.	UJ	360.	U
91-94-1	3,3'-Dichlorobenzidine	340.	U	360.	UJ	360.	UJ	350.	U	370.	UJ	360.	U
56-55-3	Benzo(a)anthracene	230.	J	360.	UJ	360.	UJ	810.		370.	UJ	360.	U
218-01-9	Chrysene	290.	J	360.	UJ	360.	UJ	1100.		370.	UJ	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	360.	UJ	360.	UJ	350.	U	370.	UJ	360.	U
117-84-0	Di-n-octyl phthalate	340.	UJ	360.	UR	360.	U	350.	UJ	370.	UR	360.	U
205-99-2	Benzo(b)fluoranthene	260.	J	360.	UR	360.	U	800.		370.	UR	360.	U
207-08-9	Benzo(k)fluoranthene	190.	J	360.	UR	360.	U	820.		370.	UR	360.	U
50-32-8	Benzo(a)pyrene	180.	J	360.	UR	360.	U	900.		370.	UR	360.	U
193-39-5	Indeno(1,2,3-cd)pyrene	76.	J	360.	UR	360.	U	380.		370.	UR	360.	U
53-70-3	Dibenz(a,h)anthracene	340.	U	360.	UR	360.	U	160.	J	370.	UR	360.	U
191-24-2	Benzo(g,h,i)perylene	73.	J	360.	UR	360.	U	370.		370.	UR	360.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

SVOA

SAMPLE ID -------->	036-S-0032-01
ORIGINAL ID ----->	36S3201
LAB SAMPLE ID --->	40748-22
ID FROM REPORT -->	J63009
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/05/94
DATE ANALYZED --->	07/07/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	CT808	VAL
108-95-2	Phenol	390.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U
95-57-8	2-Chlorophenol	390.	U
541-73-1	1,3-Dichlorobenzene	390.	U
106-46-7	1,4-Dichlorobenzene	390.	U
95-50-1	1,2-Dichlorobenzene	390.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U
67-72-1	Hexachloroethane	390.	U
98-95-3	Nitrobenzene	390.	U
78-59-1	Isophorone	390.	U
88-75-5	2-Nitrophenol	390.	U
105-67-9	2,4-Dimethylphenol	390.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U
120-83-2	2,4-Dichlorophenol	390.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U
91-20-3	Naphthalene	390.	U
106-47-8	4-Chloroaniline	390.	U
87-68-3	Hexachlorobutadiene	390.	U
59-50-7	4-Chloro-3-methylphenol	390.	U
91-57-6	2-Methylnaphthalene	390.	U
77-47-4	Hexachlorocyclopentadiene	390.	U
88-06-2	2,4,6-Trichlorophenol	390.	U
95-95-4	2,4,5-Trichlorophenol	950.	U
91-58-7	2-Chloronaphthalene	390.	U
88-74-4	2-Nitroaniline	950.	U
131-11-3	Dimethyl phthalate	390.	U
208-96-8	Acenaphthylene	390.	U
606-20-2	2,6-Dinitrotoluene	390.	U
99-09-2	3-Nitroaniline	950.	U
83-32-9	Acenaphthene	390.	U
51-28-5	2,4-Dinitrophenol	950.	U
100-02-7	4-Nitrophenol	950.	U
132-64-9	Dibenzofuran	390.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

SVOA

SAMPLE ID ------->	036-S-0032-01
ORIGINAL ID ----->	36S3201
LAB SAMPLE ID --->	40748-22
ID FROM REPORT -->	J63009
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/05/94
DATE ANALYZED --->	07/07/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	CT808	VAL
121-14-2	2,4-Dinitrotoluene	390.	U
84-66-2	Diethylphthalate	390.	U
7005-72-3	4-Chlorophenylphenylether	390.	U
86-73-7	Fluorene	390.	U
100-01-6	4-Nitroaniline	950.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	950.	U
86-30-6	N-Nitrosodiphenylamine	390.	U
101-55-3	4-Bromophenyl-phenylether	390.	U
118-74-1	Hexachlorobenzene	390.	U
87-86-5	Pentachlorophenol	950.	U
85-01-8	Phenanthrene	390.	U
120-12-7	Anthracene	390.	U
86-74-8	Carbazole	390.	U
84-74-2	Di-n-butylphthalate	390.	U
206-44-0	Fluoranthene	170.	J
129-00-0	Pyrene	190.	J
85-68-7	Butylbenzylphthalate	390.	U
91-94-1	3,3'-Dichlorobenzidine	390.	U
56-55-3	Benzo(a)anthracene	100.	J
218-01-9	Chrysene	120.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U
117-84-0	Di-n-octyl phthalate	390.	U
205-99-2	Benzo(b)fluoranthene	130.	J
207-08-9	Benzo(k)fluoranthene	170.	J
50-32-8	Benzo(a)pyrene	120.	J
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U
53-70-3	Dibenz(a,h)anthracene	390.	U
191-24-2	Benzo(g,h,i)perylene	390.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

VOA													
	SAMPLE ID ------->	036-S-0025-01		036-S-0025-03		036-S-0026-01		036-S-0026-03		036-S-0029-01		036-S-0029-03	
	ORIGINAL ID ----->	36S2501		36S2503		36S2601		36S2603		36S2901		36S2903	
	LAB SAMPLE ID --->	40733-1		40733-2		40733-3		40733-4		40748-10		40748-11	
	ID FROM REPORT -->	J62901		J62902		J62903		J62904		J63010		J63011	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		06/28/94		06/29/94		06/29/94	
	DATE ANALYZED --->	07/05/94		07/05/94		07/05/94		07/05/94		07/08/94		07/07/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
74-87-3	Chloromethane	11.	UJ	11.	UJ	11.	UJ	10.	UJ	56.	U	11.	UJ
74-83-9	Bromomethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
75-01-4	Vinyl chloride	11.	UJ	11.	UJ	11.	UJ	10.	UJ	56.	U	11.	UJ
75-00-3	Chloroethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
75-09-2	Methylene chloride	15.	U	16.	U	17.	U	16.	U	96.	J	15.	U
67-64-1	Acetone	20.	U	51.	U	38.	U	27.	U	90.	U	14.	U
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
71-43-2	Benzene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
591-78-6	2-Hexanone	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	10.	U	1100.		10.	J
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
100-42-5	Styrene	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	10.	U	56.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
SOIL SAMPLES RESULTING IN REMOVALS

VOA

SAMPLE ID ------->	036-S-0032-01
ORIGINAL ID ----->	36S3201
LAB SAMPLE ID --->	40748-9
ID FROM REPORT -->	J63009
SAMPLE DATE ----->	06/29/94
DATE ANALYZED --->	07/07/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	CT808	VAL
74-87-3	Chloromethane	12.	UJ
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl chloride	12.	UJ
75-00-3	Chloroethane	12.	U
75-09-2	Methylene chloride	18.	U
67-64-1	Acetone	37.	U
75-15-0	Carbon disulfide	12.	U
75-35-4	1,1-Dichloroethene	12.	U
75-34-3	1,1-Dichloroethane	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U
67-66-3	Chloroform	12.	U
107-06-2	1,2-Dichloroethane	12.	U
78-93-3	2-Butanone (MEK)	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U
56-23-5	Carbon tetrachloride	12.	U
75-27-4	Bromodichloromethane	12.	U
78-87-5	1,2-Dichloropropane	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U
79-01-6	Trichloroethene	12.	U
124-48-1	Dibromochloromethane	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U
71-43-2	Benzene	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U
75-25-2	Bromoform	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U
108-88-3	Toluene	12.	U
108-90-7	Chlorobenzene	12.	U
100-41-4	Ethylbenzene	12.	U
100-42-5	Styrene	12.	U
1330-20-7	Xylene (Total)	12.	U

*** Validation Complete ***

Appendix F
Maintenance Records

Recorded Maintenance on IWTP Sewer Line
PWC — NAS Pensacola

W.R.		Date	Activity	Building	Associated Site or OU		Date Performed (if noted)
88576	5391603	7/6/87	Inst alarm, light, sump, pump, etc	3557	Site 36	500	10/15/87
88584	5391603	7/13/87	Pur and Rpl 8" CH valve on I/W line	3434	Site 38	633	9/18/87
88612	5391603	7/30/87	Ch/Rpr the No. 3 Pump	3437	OU 2	634	
88631	5391603	8/10/87	Raise and Clean Manholes B-1, B-2, B-4, B-5 and B-6		OU 2	500	12/28/87
88692	5251203	10/13/87	Rpr the No. 3 Pump	3435	Site 38	543/634	1/14/88
88701	5391603	10/15/87	Pur/Inst timers on 3 pumps	3437	OU 2	625	10/19/87
88714	5391203	10/27/87	Rpr I/W lift Station Pump 1st Deck	782	Site 36	634	1/25/88
88718	5391603	11/3/87	Rpl impeller #3 pump Rpl bgs #2 pump	3437	OU 2	634	1/11/88
88870	5391603	3/22/88	Rpr/Rpl IW Lift Pump— north side of building	782	Site 36	634	
88885	5391603	4/4/88	Rpr lift station pump alternator	3437	OU 2	576	
88893	5391603	4/21/88	Rpr ST check valve and Rpr cooling sys IW lift pump	782	Site 36	634	
88984	5391603	7/15/88	Rpr/Rpl the No. 2 motor	3437	OU 2	543	
88927	5391603	8/4/92	Rpl HI level alarm at IW lift Station — Forrestal Pier		Site 36	676	
88990	5391603	7/25/88	Rpr motor Building 3437	3437	OU 2	543	
88993	5251603	7/25/88	Telespect Sewer Lines Q531-534 and 535-538				

Recorded Maintenance on IWTP Sewer Line
PWC — NAS Pensacola

W.R.		Date	Activity	Building	Associated Site or OU		Date Performed (if noted)
88996	5391603	7/25/88	Pur and Install Sight Glasses for Oil Capture tanks	3437	OU 2	635	
88387	5391603	2/9/89	Rpr/Rpl gratings on the I/W manhole south of Building 3460	3460	Site 36	500	
88422	5391603	3/14/89	Prep and Paint Eq at 3 I/W Lift Station Building	631W 631E 627	Site 36	638	
88421	5391603	3/14/89	Pur and Install Mercury Vapor light West of Storage tank	3437	OU 2	625	
88513	5391603	5/18/89	Rpl impeller on the No. 2 pump	3437	OU 2	634	
88531	5251603	7/10/91	Rpl manhole covers at misc. locations			500	
88550	5391603	6/20/89	Remove Contaminated Soil (oil spill) from N and W side of B 3437	3437	OU 2	500	
88566	5391603	7/15/89	Fab and Install 6" pipe dumping manifold with fittings	3437	OU 2	633	
88569	5391603	7/15/89	Rebuild No. 2 I/W Lift Pump	3437	OU 2	634	
88867	5391603	3/9/90	Remove and Rebuild No. 3 Lift Station Pump	3437	OU 2	634	
88939	5391603	5/4/90	Reprogram Control Computer — Alternate 2 and 3 Pumps	3437	OU 2	576	
88844	5251603	8/9/90	Excav and Rpr sewer line at SW corner of building	45	Site 38	633	
88854	5391603	8/17/90	Rpr/Rpl No. 2 pump	3644	OU 2	634	

Recorded Maintenance on IWTP Sewer Line
PWC — NAS Pensacola

W.R.		Date	Activity	Building	Associated Site or OU		Date Performed (if noted)
88860	5391603	8/27/90	Rpl line shaft and bearings on #3 L.S. Pump	3437	OU 2	634	
88656	5391603	11/13/91	Rpr No,. 2 and 3 L.S. Pump and Assoc Piping	3437	OU 2	567	
88974	5391603	6/5/90	Reprogram Controls — Tech Rep	3437	OU 2	576	
88327	5391603	4/1/93	Check and Rpr IW lift Station Pump	782B	Site 36	634	
88344	5391603	4/12/93	Rpr Ruptured IW lines between buildings	741/225	OU 2	633	
10774	5251603	5/14/87	Repack CH valve, Dis. Valve, #1 Pump and Unjam impeller	3434	Site 38	634	
10708	5391603	3/5/88	Rpr I/W Lift Pump	3450	OU 2	634	4/13/88
10737	5391603	5/26/88	Secure water to all bldgs assoc with IW	NASP		633	
10767	5391603	5/1/89	Rebuild the east pump at B. 631	631	Site 36	634	
10795	5391603	8/2/89	Rebuild IW lift station pump	741	OU 2	634	
10700	5391603	8/2/89	Rpr/Rpl; I/W line west of B3450	3450	OU 2	633	
10778	5391603	1/19/90	Rpr leaking IW line west of B3450	3450	OU 2	633	
10794	5391603	2/16/90	Rpr the No. 2 I/W lift station pump	3437	OU 2	634	
10743	5391603	7/8/91	Excavate and Rpr IW line at NW side of Building 34 (Navy Exchange)	634	Site 36	635	
10769	5391603	3/2/93	Check and rpr broken discharge line at IW Lift Station by B-782-A	782-A	Site 36	634	
88656	5251603	9/12/89	Excav and Rpl Sewer main from building to 1st Manhole	3466	OU 2	633	

Recorded Maintenance on IWTP Sewer Line
PWC — NAS Pensacola

W.R.		Date	Activity	Building	Associated Site or OU		Date Performed (if noted)
88666	5391603	9/18/89	Excav and Rpr I/W Line W side of Parade Ground	NASP		633	
88327	5391603	4/1/93	Check and Rpr IW Lift Station Pump	782B	Site 36	634	
88344	5391603	4/13/93	Rpr rupture IW line between buildings	741/225	OU 2	633	
10779	5391603	5/22/87	Rpl impeller and pump blow, coat impeller	3437	OU 2	634	
10779	5391603	12/16/87	Rpl limpeller and rpr check valve on the No. 2 pump	3437	OU 2	634	1/11/88
10708	591603	3/5/88	Rpr I/W Lift Pump	3450	OU 2	634	4/13/88
10788	5391603	11/19/90	Rpr leaking I/W line on the W side of B 3450	3450	OU 2	633	
10769	5391603	3/2/93	Check and Rpr broken discharge line at IW lift station by B782-A	782-A	Site 36	634	
25157		8/2/84	Rpl lift pump	3437	OU 2		
25198		8/27/84	Rpr #1 pump and check valve	3437	OU 2		
25208		9/5/84	Rpl lift pump with submersible WS631	631	Site 36		
25491		7/12/85	Rpl lift pump (direct replacement)	3437	OU 2		
25492		7/12/85	Rpl lift pump and rebuild old pump	3434	Site 38		
25578		9/10/85	Rpr IW manhole 604	604	Site 38		
25597		9/30/85	Inspect IW manholes from B.604 to B3434 — Rec to rpr	NAS	Site 38		

Recorded Maintenance on IWTP Sewer Line
PWC — NAS Pensacola

W.R.	Date	Activity	Building	Associated Site or OU	Date Performed (if noted)
25598	9/30/85	Telespection of IW manholes from B604 to 3434	NAS	Site 38	
25674	11/27/85	Manhole A-3 Raise MH and rpr top	3437	OU 2	
25700	12/16/85	Req repl of IW Lift Pump	631	Site 36	
25701	12/16/85	Rpl subm pump	627	Site 36	
25738	12/20/85	Rpl IW Lift Pump — South Pump	3450	OU 2	
25964	9/3/86	Rpl 15" IW line W of building	3460	Site 36	
25984	10/8/86	Rpr west IW Lift station at B 782-B	782-B	Site 36	
25020	12/11/86	Jet wash and telespect IW lines	NASP		
25024	12/18/86	Rprs to misc IW manholes and piping	NAS		
25219	8/31/87	CH and Rpr the No 2 Pump (was 88658)	3568	Site 36	
25256	10/21/87	Telespect IW Line (was 88657)	NAS		
25370	7/28/88	Rpl West IW pump	782	Site 36	
25390	8/22/88	Rpr/Rpl IW manhole A-3 East of Murray and SW of B3557	3557	Site 36	
25467	12/15/88	Rpl IW manhole A2; south of Building 3437	3437	OU 2	
25572	5/26/89	Clean Wet Wells 627, 631, 782B, 3434, 3437	NASP	627, 631, 782 — Site 36; OU 2 — 3437; Site 38 — 3437	

Recorded Maintenance on IWTP Sewer Line
PWC — NAS Pensacola

W.R.	Date	Activity	Building	Associated Site or OU	Date Performed (if noted)
25693	3/19/90	Rpr/Rpl IW L.S. Pumps at 4 locations 627, 631, 741, and 3454		627, 631 — Site 36; 741 — OU 2	
25780	11/14/90	Rpl L.S. Pumps in B631W and 3568	631W/3568	631 — Site 36	
25843	6/21/91	Rep IEA Lift Station Pump at major IW lift stations	NASP		
25883	10/22/91	Emergency Rprs to IW manhole Murray Boulevard			
25075	4/15/93	Telespect & Rpr IW lines (was 94698)	NAS		
25097	5/20/93	Rpr IW line between 742 and 782	742/782	Site 36	
25128	10/8/93	Reroute IW line and Tie to DW Line	782B	Site 36	
25129	10/8/93	Telespect all IW lines at NASP			

Reference: Summarized from PWC Maintenance Records

Appendix G
Boring Logs

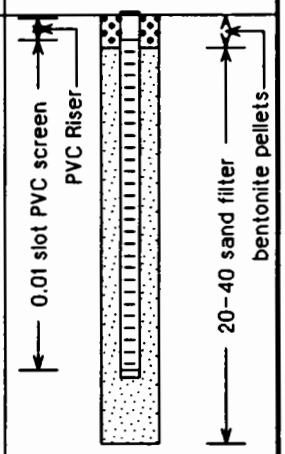
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR01

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *.02 feet msl*
Started at *1310 on 5-4-94*	TOC Elevation: *5.08 feet msl*
Completed at *on 5-4-94*	Depth to Groundwater: *3.05 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.03 feet msl*
Drilling Company: *Layne*	Total Depth: *13 feet*
Geologist: *Frank McInturff*	Well Screen: *.75 to 10.75 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X	■	1	100 0			Concrete Surface	1
	X	■	2	80 0			Sand, silty, fine to medium grained, tan to light gray with gravel fragments.	
5						SP	Sand, fine to medium grained, light tan, saturated.	
							Same as above color buff white.	
10							Same as above color is tan to light buff white, saturated.	
								13
15							Bottom at 13 feet.	
20								
25								
30								
35								
40								

WELL DIAGRAM



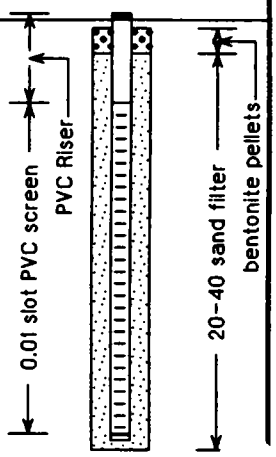
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR02

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.78 feet msl*
Started at *1155 on 5-4-94*	TOC Elevation: *8.07 feet msl*
Completed at *1300 on 5-4-94*	Depth to Groundwater: *5.84 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.23 feet msl*
Drilling Company: *Layne*	Total Depth: *13 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2.5 to 12.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0.2			Grass	6.8
								Sand, fine to medium grained, tan.	
			2	75	0			Sand, fine to medium grained, medium gray and tan mottled, saturated, grading into light gray sand, wet at 5 feet below ground surface.	
5			3	75	0			Same as above color is medium gray.	
10							SP		
								Bottom at 13 feet.	5.2
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



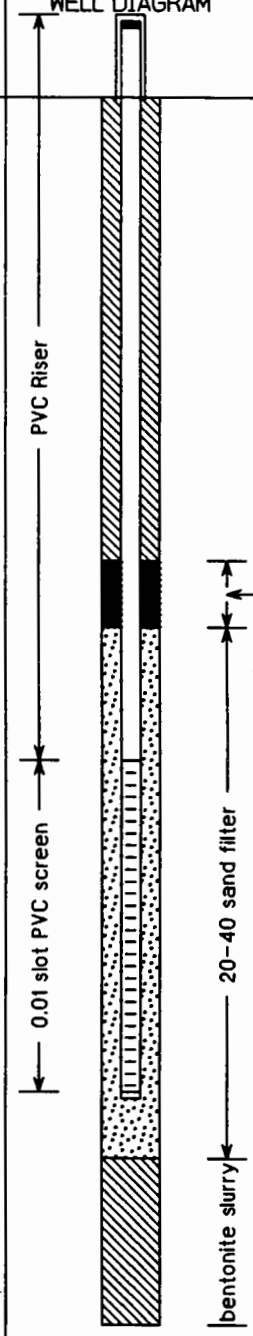
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GI01

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *4.95 feet msl*
Started at *1245 on 5-5-96*	TOC Elevation: *7.30 feet msl*
Completed at *on 5-6-96*	Depth to Groundwater: *5.54 feet* Measured: *5/31/96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *1.76 feet msl*
Drilling Company: *Layne*	Total Depth: *39 feet*
Geologist: *Jeff Lunceford*	Well Screen: *20 to 30 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							Irregular scrub vegitation covered land surface. Sand, fine to medium grained quartz sand, light tan. Sand wet at approximately 3 feet. Sand becoming light gray.	
5								
10							Same light gray quartz sand as above.	
15						SP		
20								
25								
30							Sand, fine to medium grained, tan.	
								27
							Sandy Clay, with wood and organic fragments.	
35						CL		
							No recovery, however drillers report a stiff, sticky, clay on augers.	
								34
40							Bottom of boring at 39'.	

WELL DIAGRAM



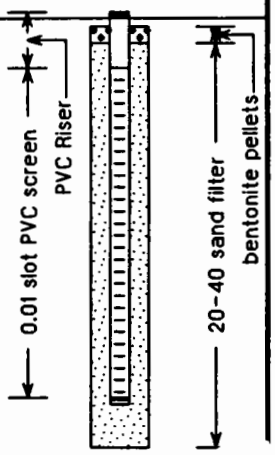
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR03

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *7.60 feet msl*
Started at *0915 on 5–4–94*	TOC Elevation: *7.48 feet msl*
Completed at *1010 on 5–4–94*	Depth to Groundwater: *2.82 feet* Measured: *5–31–94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *4.66 feet msl*
Drilling Company: *Layne*	Total Depth: *12 feet*
Geologist: *Jeff Lunceford*	Well Screen: *1.5 to 11.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
			1	N/A	0			Concrete Surface	6.6
			2	N/A	0			Sand, silty, dark brown to dark gray with rock fragments.	
5							SP	Sand, fine to medium grained, dark gray and tan mottled, saturated, grading into light gray and becoming wet at 2.9 feet.	
								Same as above color is medium brown.	
10								Same as above except fuel odor noticed and color is medium gray.	
									4.4
								Bottom at 12 feet.	
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



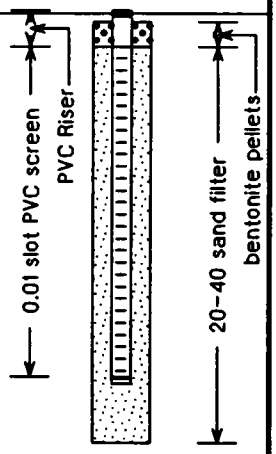
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR04

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.17 feet msl*
Started at *0815 on 5-4-94*	TOC Elevation: *7.11 feet msl*
Completed at *0900 on 5-4-94*	Depth to Groundwater: *4.62 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.49 feet msl*
Drilling Company: *Layne*	Total Depth: *13 feet*
Geologist: *Jeff Lunceford*	Well Screen: *1 to 11 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X	■	1	N/A	0			Concrete Surface	6.2
	X	■	2	N/A	0			Sand, light gray to buff white, fine to medium grained quartz sand.	
5								Sand, fine to medium grained, dark gray at 2.8 feet and moist/wet.	
10							SP	Same as above except saturated.	
								Bottom at 13 feet.	5.8
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



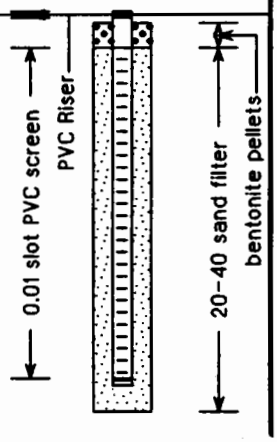
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR05

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *5.48 feet msl*
Started at *0950 on 5-3-94*	TOC Elevation: *5.38 feet msl*
Completed at *0800 on 5-3-94*	Depth to Groundwater: *2.72 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.66 feet msl*
Drilling Company: *Layne*	Total Depth: *12 feet*
Geologist: *Jeff Lunceford*	Well Screen: *1 to 11 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Asphalt	4.5
							SM	Sand, silty, fine to medium grained quartz sand, with shell and asphalt fragments.	
			2	80	0				2.5
5							SP	Sand, silty, fine to medium grained, tan to brown, wet at 2 feet, below the water table color turns to light and dark gray mottled.	
10								Same as above color turns to medium brown and an organic gas smelled, no silt.	
									-6.5
								Bottom at 12 feet.	
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



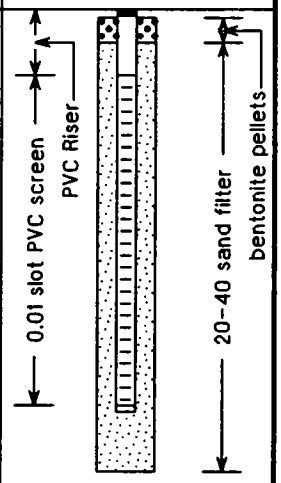
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR06

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *8.06 feet msl*
Started at *0835 on 5-3-94*	TOC Elevation: *8.06 feet msl*
Completed at *0930 on 5-3-94*	Depth to Groundwater: *5.31 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.75 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2 to 12 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Concrete	7.1
			2	75	0		SM	Sand, silty, fine to medium grained quartz sand, tan to reddish brown also red sand with clay fragments-fill.	4.6
5			3	50	0		SP	Sand, silty, fine to medium grained, tan, becoming light gray at 2.8 feet, moist. Same as above color turns to dark gray with a silty horizon .5 feet thick, water at 3.5 feet. Same as above color turns to light gray to buff white, and saturated.	5.9
10									
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



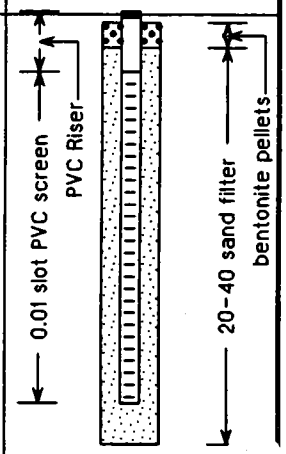
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR07

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.33 feet msl*
Started at *1420 on 5-2-94*	TOC Elevation: *7.41 feet msl*
Completed at *1510 on 5-2-94*	Depth to Groundwater: *4.56 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.85 feet msl*
Drilling Company: *Layne*	Total Depth: *13 feet*
Geologist: *Jeff Lunceford*	Well Screen: *1.75 to 11.75 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			N/A	36S000701			Asphalt	6.3
				36S000703			Sand, fine to medium grained, light gray becoming tan sand at 2.7 feet intertwined with a black crusty material. (coal?)	
5						SP	Sand, fine to medium grained, dark gray with wood fragments, saturated becoming light gray at 4.5 feet.	
10							Same as above color turns to light gray, saturated.	
								5.7
							Bottom at 13 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR08

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *7.02 feet msl*
Started at *1320 on 5–2–94*	TOC Elevation: *7.02 feet msl*
Completed at *on 5–2–94*	Depth to Groundwater: *4.16 feet* Measured: *5–31–94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.86 feet msl*
Drilling Company: *Layne*	Total Depth: *13 feet*
Geologist: *Jeff Lunceford*	Well Screen: *1.75 to 11.75 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
			1	100	0			Grass	6
			2	75	3.0			Sand, silty, fine to medium grained quartz sand, light tan to brown.	
5			3	50	0			Sand, fine to medium grained, tan, light gray to tan brown silty sand.	
							SP	Same as above, mottled and turning wet at 3.5 feet.	
10								Same as above color turns to medium brown, saturated.	
								Bottom at 13 feet.	6
15									
20									
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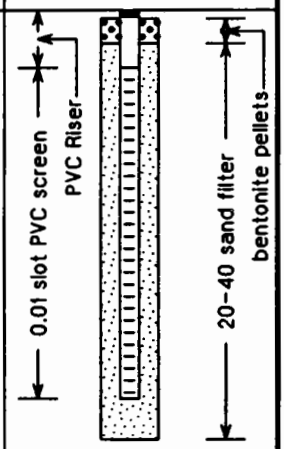
WELL DIAGRAM



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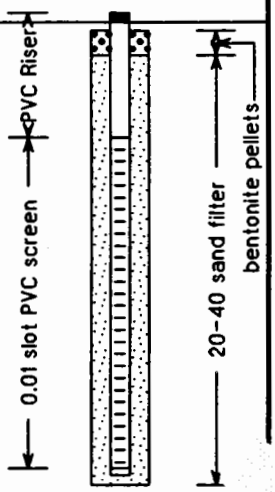
Log of Monitoring Well 36GR09

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *9.54 feet msl*
Started at *1055 on 5–2–94*	TOC Elevation: *9.85 feet msl*
Completed at *1210 on 5–2–94*	Depth to Groundwater: *6.85 feet* Measured: *5–31–94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.00 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *3.5 to 13.50 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
	X	■	1	100	0			Concrete–fill	8.5
	X	■	2	75	0			Sand, fine to medium grained, tan, underlain by a black crusty material. (asphalt?)	
5	X	■	3	75	0			Sand, fine to medium grained, light gray to buff white.	
	X	■	4	66	0		SP	Saturated at 6.5' bls. Same as above, light gray, saturated.	
10									
									4.5
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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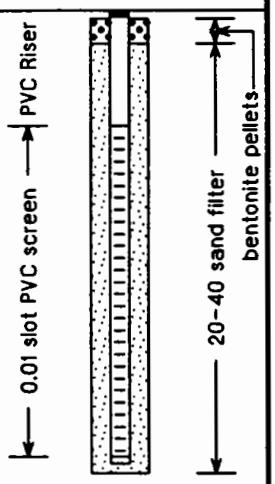
Log of Monitoring Well 36GR10

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *9.19 feet msl*
Started at *1245 on 4–29–94*	TOC Elevation: *9.01 feet msl*
Completed at *1400 on 4–29–94*	Depth to Groundwater: *6.86 feet* Measured: *5–31–94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.15 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *3.5 to 13.50 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
			1	100	0			Concrete	8.2
							SM	Sand, silty, fine to medium grained, tan to light gray with shell fragments–fill.	
			2	75	0				6.2
5			3	40	0			Sand, fine to medium grained, light tan saturated.	
			4	40	0			Same as above, medium gray, saturated, solvent odor.	
							SP		
									4.8
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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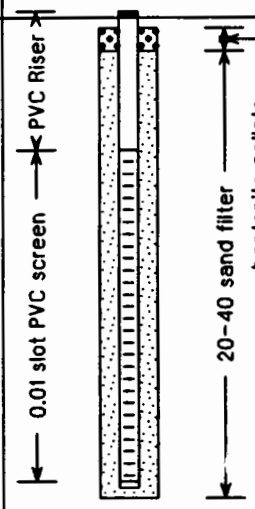
Log of Monitoring Well 36GR11

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *9.29 feet msl*
Started at *0820 on 4-29-94*	TOC Elevation: *9.42 feet msl*
Completed at *0950 on 4-29-94*	Depth to Groundwater: *5.99 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.43 feet msl*
Drilling Company: *Layne*	Total Depth: *14.5 feet*
Geologist: *Jeff Lunceford*	Well Screen: *4.0 to 14.00 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Concrete	8.3
								Sand, fine to medium grained, light tan to brown.	
			2	75	0				
5			3	75	0			Same as above becoming saturated at 6.5 feet, color changing to dark gray, silty and crusty.	
			4	75	0		SP	Same as above, medium gray to brown, saturated, solvent odor.	
10									
									4.7
15								Bottom at 14.5 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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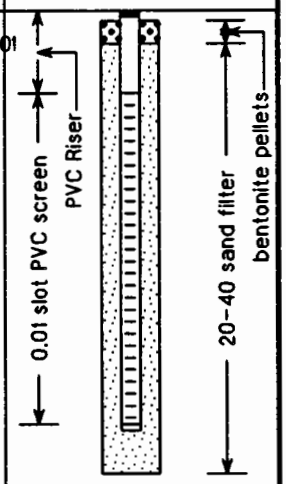
Log of Monitoring Well 36GR12

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *9.87 feet msl*
Started at *1220 on 4-29-94*	TOC Elevation: *9.81 feet msl*
Completed at *1340 on 4-29-94*	Depth to Groundwater: *6.49 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.32 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2.5 to 12.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0.8			Concrete Sand, fine to medium grained, tan.	8.900001
			2	60	1.1			Same as above with a reddish brown 2" interval of crusty clayey material at 2 feet.	
5			3	60	0.6			Same tan sand as above with a dark gray crusty material interspersed with the sand at 4 feet.	
			4	75	0.8		SP	Same as above, becoming wet at about 6.5 feet.	
10								Sand, fine to medium grained, medium brown, saturated.	
									4.1
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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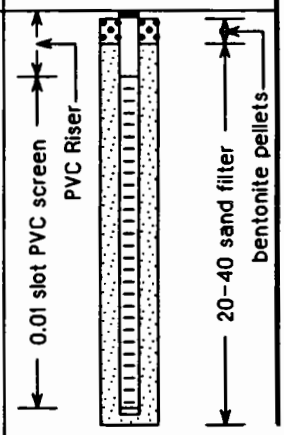
Log of Monitoring Well 36GR13

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.56 feet msl*
Started at *1215 on 5-9-94*	TOC Elevation: *7.56 feet msl*
Completed at *1245 on 5-9-94*	Depth to Groundwater: *4.15 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.41 feet msl*
Drilling Company: *Layne*	Total Depth: *12.5 feet*
Geologist: *Frank McInturff*	Well Screen: *2 to 12 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0.3			Concrete Surface	6.6
			2	100	0.2			Sand, fine to medium grained, light brown to buff white.	
5			3	80	0.1			Sand, fine to medium grained, light brown to gray.	
							SP	Same as above color ranging from tan to buff white.	
								Same as above color buff white and saturated at 4 feet.	
10								Same as above color is tan to light buff white, saturated.	
								Bottom at 12.5 feet.	4.9
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



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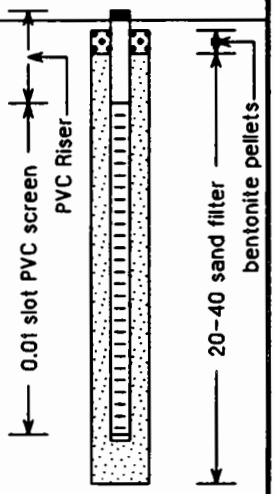
Log of Monitoring Well 36GR14

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *8.38 feet msl*
Started at *1010 on 4-29-94*	TOC Elevation: *8.74 feet msl*
Completed at *1130 on 4-29-94*	Depth to Groundwater: *5.36 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.38 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2.5 to 12.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Concrete	7.4
			2	75	0		SP	Sand, fine to medium grained, tan, grading into medium brown sandy clay at 30 inches and then turns to a orange silty clayeysand at .6 feet-fill.	
5			3	75	4.8			Sand, fine to medium grained, quartz sand becomming light gray at 2 feet.	
								Sand, fine to medium grained, buff white, wet at 5 feet.	
10								Sand, fine to medium grained, light tan, with a strong fuel odor noticed.	
									5.6
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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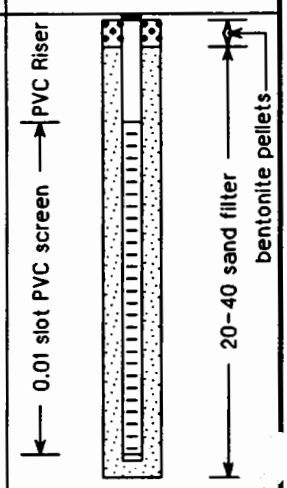
Log of Monitoring Well 36GR15

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *9.12 feet msl*
Started at *1010 on 4-28-94*	TOC Elevation: *9.06 feet msl*
Completed at *1130 on 4-28-94*	Depth to Groundwater: *5.51 feet* Measured: *5/31/94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.55 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2.5 to 12.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X	■	1	100	0			Concrete	
								Sand, fine to medium grained, light tan to tan.	
	X	■	2	50	0.7			Same as above.	
5	X	■	3	66	0.4			Sand, fine to medium grained, light tan to orange-brown, wet at 4 feet.	
							SP	Sand, fine to medium grained, light gray, saturated.	
									4.9
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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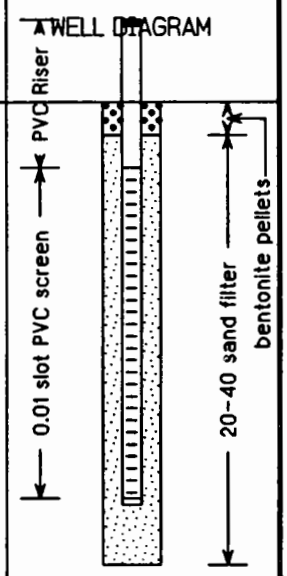
Log of Monitoring Well 36GR16

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.59 feet msl*
Started at *1010 on 4-28-94*	TOC Elevation: *10.12 feet msl*
Completed at *1130 on 4-28-94*	Depth to Groundwater: *6.67 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.45 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2 to 12 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			N/A	N/A				Grass	
								Sand, fine to medium grained, slightly silty, medium brown.	
5							SP	Sand, fine to medium grained, quartz sand, wet at about 5 feet. Sand becomes light tan to buff white at around 9 feet.	
10									
									6.4
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



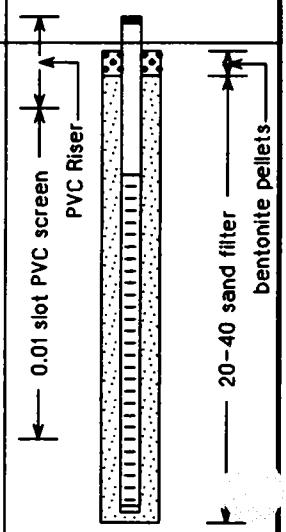
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR17

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.09 feet msl*
Started at *0820 on 4-27-94*	TOC Elevation: *7.98 feet msl*
Completed at *0950 on 4-27-94*	Depth to Groundwater: *4.80 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.18 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2 to 12 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Grass Sand, fine to medium grained, slightly silty, reddish brown, with shell fragments-fill	6.1
			2	75	0			Same as above becoming light tan at 2.5 feet.	
5			3	75	0			Same as above, turning to reddish brown sand again and then back to tan to buff white at about 4 feet, wet at 4.5 feet.	
10							SP		
									6.9
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



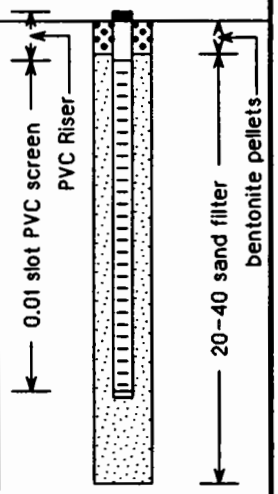
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR18

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *7.56 feet msl*
Started at *0820 on 4–27–94*	TOC Elevation: *7.92 feet msl*
Completed at *0950 on 4–27–94*	Depth to Groundwater: *4.82 feet* Measured: *5–31–94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.10 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *12 to 112 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
			1	100	0			Grass	6.6
			2	75	1			Sand, fine to medium grained, silty, medium brown.	
5			3	75	0			Sand, fine to medium grained, silty, dark gray, with crusty material– (asphalt?) at bottom 2 inches.	
							SM	Same as above, wet at 4.5 feet.	
10								Same as above, saturated, slight solvent odor.	
									6.4
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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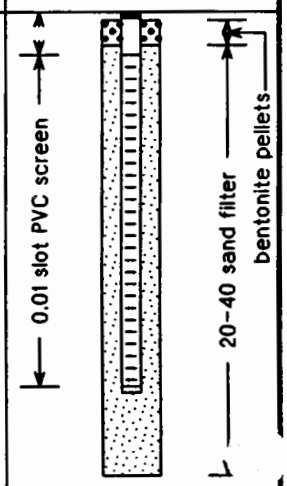
Log of Monitoring Well 36GR19

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.33 feet msl*
Started at *0820 on 4-27-94*	TOC Elevation: *7.28 feet msl*
Completed at *0950 on 4-27-94*	Depth to Groundwater: *4.21 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.07 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *1.30 to 11.30 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Concrete	6.3
			2	75	0		SP	Sand, fine to medium grained, silty, medium gray to brown with concrete rubble and silty sand.	
5			3	50	0		SC	Sand, fine to medium grained, light tan to reddish brown.	2
			4	N/A	0		SP	Same as above, turning buff white at 3.5 feet, becomming wet at 4 feet.	1.5
								Same as above, turning reddish brown from 5.0-5.3 feet.	-.3
10							SM	Clay, sandy, medium gray.	
								Sand, fine to medium grained, light tan.	
								Sand, fine to medium grained, silty, medium brown,	6.7
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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Log of Monitoring Well 36GR20

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *8.97 feet msl*
Started at *0830 on 4-27-94*	TOC Elevation: *8.88 feet msl*
Completed at *N/A on 4-27-94*	Depth to Groundwater: *3.16 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *5.72 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *8.80 to 13.8 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Concrete	
			2	100	0			Sand, fine to medium grained, silty, medium brown to light gray to reddish brown-fill.	
5			3	75	0		SP	Sand, fine to medium grained, buff white.	5
			4	75	0		SM	Sand, fine to medium grained, silty, medium brown.	2
10								Same as above, saturated.	
								Bottom at 14 feet.	5
15									
20									
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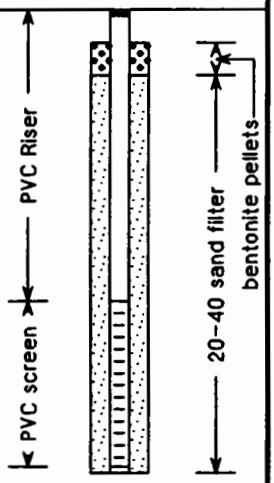
40									

WELL DIAGRAM



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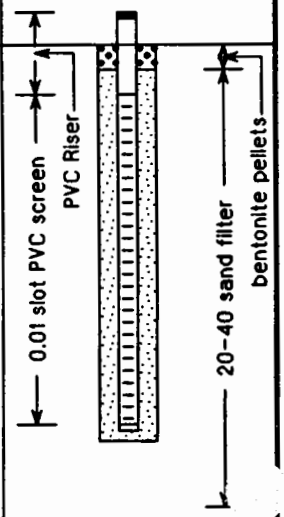
Log of Monitoring Well 36GR21A

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *5.41 feet msl*
Started at *1255 on 4-26-94*	TOC Elevation: *6.53 feet msl*
Completed at *1515 on 4-26-94*	Depth to Groundwater: *3.16 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.37 feet msl*
Drilling Company: *Layne*	Total Depth: *12 feet*
Geologist: *Jeff Lunceford*	Well Screen: *1.50 to 11.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE:	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			N/A	N/A				Grass	
								Sand, fine to medium grained, silty, dark brown-soil.	2.4
5							SP	Sand, fine to medium grained, silty, becoming saturated at 3 feet.	
10									6.6
								Bottom at 12 feet.	
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



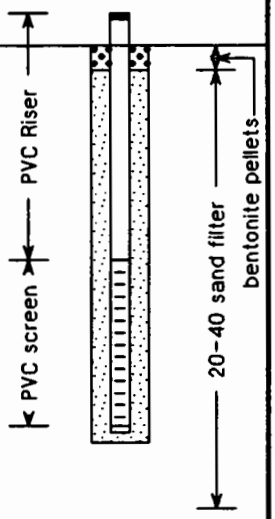
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR21B

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *5.41 feet msl*
Started at *1255 on 4-26-94*	TOC Elevation: *6.58 feet msl*
Completed at *1515 on 4-26-94*	Depth to Groundwater: *3.21 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.37 feet msl*
Drilling Company: *Layne*	Total Depth: *12 feet*
Geologist: *Jeff Lunceford*	Well Screen: *6.50 to 11.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			N/A	N/A			Grass	
							Sand, fine to medium grained, silty, dark brown-soil.	2.4
5						SP	Sand, fine to medium grained, silty, becoming saturated at 3 feet.	
10								6.6
							Bottom at 12 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



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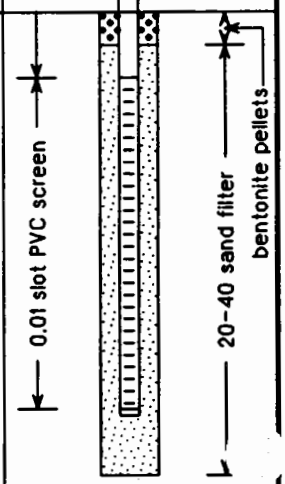
Log of Monitoring Well 36GR22

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *3.98 feet msl*
Started at *1410 on 4-28-94*	TOC Elevation: *6.94 feet msl*
Completed at *1530 on 4-28-94*	Depth to Groundwater: *4.11 feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.83 feet msl*
Drilling Company: *Layne*	Total Depth: *14 feet*
Geologist: *Jeff Lunceford*	Well Screen: *2 to 12 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	0			Grass	
								Sand, fine to medium grained, silty, dark-soil.	3
	X		2	75	0			Sand, fine to medium grained, silty, dark gray, crusty material at 2.6-2.8 feet, moist/wet at 2.8 feet.	
5								Sand, fine to medium grained, silty, medium to dark gray, saturated.	
10							SM		10
15								Bottom at 14 feet.	
20									
25									
30									
35									
40									

WELL DIAGRAM



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Log of Monitoring Well 36S23

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *4.61 feet msl*
Started at *1305 on 5–9–94*	TOC Elevation: *N/A feet msl*
Completed at *1345 on 5–9–94*	Depth to Groundwater: *N/A feet* Measured: *5–31–94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *Layne*	Total Depth: *4 feet*
Geologist: *Jeff Lunceford*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	N/A 0.2			Asphalt	3.6	
			2	75 0.2		SP	Sand, fine to medium grained, light brown with shell fragments.		
							Sand, fine to medium grained, light tan with seams of black stained sand.	.6	
5							Bottom at 4 feet. *Note: Something was encountered at 4 feet and drilling was stopped, however a petroleum odor was noted.		
10									
15									
20									
25									
30									
35									
40									

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Log of Monitoring Well 36S24

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *4.19 feet msl*
Started at *1350 on 5-9-94*	TOC Elevation: *N/A feet msl*
Completed at *1450 on 5-9-94*	Depth to Groundwater: *N/A feet* Measured: *5-31-94*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *Layne*	Total Depth: *10 feet*
Geologist: *Jeff Lunceford*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	100	0.2			Asphalt	3.2	
			2	80	0.2		SP	Sand, fine to medium grained, light tan with shell fragments-fill.		
								Sand, fine to medium grained, black.	-2	
5								Sand, fine to medium grained, buff white mottled with orange and black sand.		
								Sand, dame as above, gray, saturated.		
								Same as above, buff white.		
10			3	25	0.5			Bottom at 10 feet.		
15										
20										
25										
30										
35										
40										

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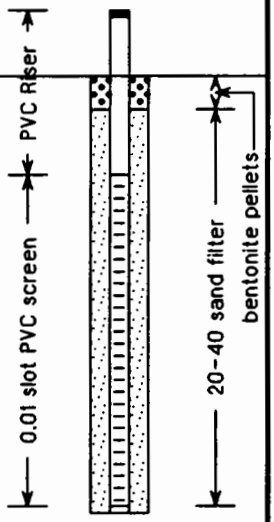
Log of Monitoring Well 36GR37

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.13 feet msl*
Started at *1230 on 1-4-96*	TOC Elevation: *9.16 feet msl*
Completed at *1315 on 1-4-96*	Depth to Groundwater: *4.66 feet* Measured: *1-5-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *4.50 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X	■	1	100	0			Fill-Topsoil, sandy loam.	6.1
			2	100	0			Sand, fine to medium grained, light tan to brown mixed with buff white quartz sand.	
5							SP	Sand, fine to medium grained, dark brown to black, wet.	
10								Same as above except changing to brownish light gray.	
								Same as above except changing to buff white.	5.9
								Bottom at 13 feet.	
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



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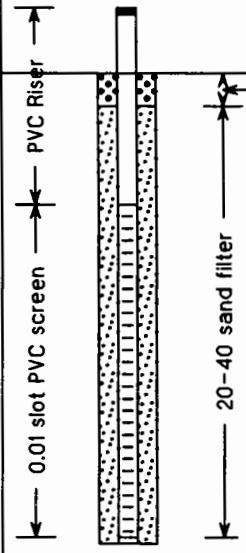
Log of Monitoring Well 36GR38

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *16.02 feet msl*
Started at *0745 on 1–3–96*	TOC Elevation: *18.06 feet msl*
Completed at *0825 on 1–3–96*	Depth to Groundwater: *11.93 feet* Measured: *1–4–96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *6.13 feet msl*
Drilling Company: *GZA*	Total Depth: *14 feet*
Geologist: *Ryan Lister*	Well Screen: *4 to 14 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	X		1	100	0			Fill–Topsoil, sandy loam.	15
	X	■	2	100	0			Sand, fine to medium grained, yellowish–brown mixed shell frags.	
5	X	■						Sand, fine to medium grained, yellowish light brown.	
	X	■	3	100	0		SP	Same as above except changing to buff white, moist to wet.	
10			4	100	0				
								Bottom at 14 feet.	2
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



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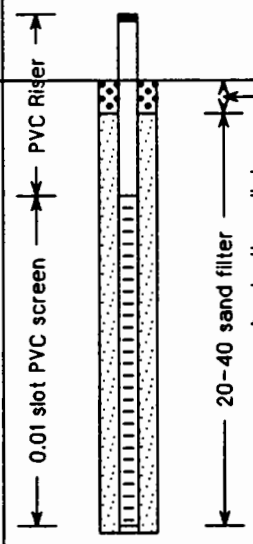
Log of Monitoring Well 36GR39

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *11.70 feet msl*
Started at *1330 on 1-4-96*	TOC Elevation: *13.73 feet msl*
Completed at *1405 on 1-4-96*	Depth to Groundwater: *8.66 feet* Measured: *1-9-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *5.07 feet msl*
Drilling Company: *GZA*	Total Depth: *13.5 feet*
Geologist: *Ryan Lister*	Well Screen: *3.5 to 13.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Fill	
								Sand, fine to medium grained quartz sand, brown, mixed with iron oxides.	
			2	100	0			Same as above turning to buff white.	
5			3	100	0			Same as above except brown to dark brown.	
			4	100	0		SP	Sand, fine to medium grained, buff white.	
10									
									1.8
								Bottom at 13.5 feet.	
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



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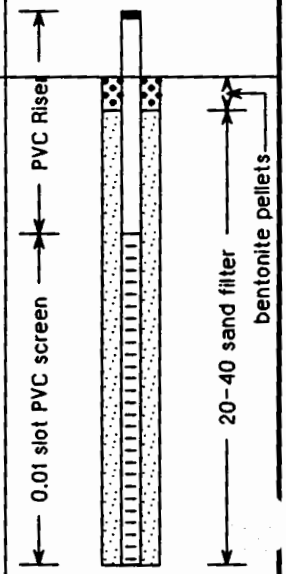
Log of Monitoring Well 36GR40

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *10.57 feet msl*
Started at *1410 on 1-4-96*	TOC Elevation: *10.61 feet msl*
Completed at *1440 on 1-4-96*	Depth to Groundwater: *5.54 feet* Measured: *1-5-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *5.07 feet msl*
Drilling Company: *GZA*	Total Depth: *15 feet*
Geologist: *Ryan Lister*	Well Screen: *4.75 to 14.75 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0ppm	N/A			Asphalt	
							Sand, fine to medium grained quartz sand, light reddish brown, dry.	
							Same as above except light brown to gray.	
5								
						SP	Becoming wet at 8 feet.	
10							Sand, fine to medium grained, buff white.	
15			0ppm				Bottom at 15 feet.	4.4
20								
25								
30								
35								
40								

WELL DIAGRAM



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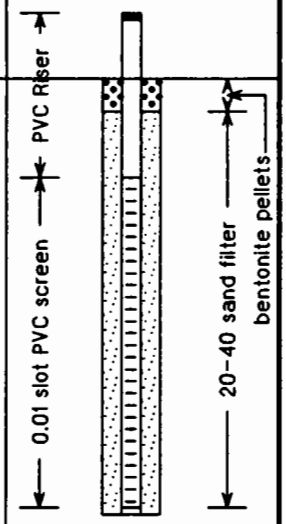
Log of Monitoring Well 36GR41

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *10.04 feet msl*
Started at *1300 on 1-3-96*	TOC Elevation: *12.05 feet msl*
Completed at *1400 on 1-3-96*	Depth to Groundwater: *7.22 feet* Measured: *1-5-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *4.83 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0			Sand, fine to medium grained, brown with red clay balls and roots.	
			2	100	0			Sand, fine to medium grained quartz sand, light brown to yellow brown, more homogenous, moist.	
5			3	100	0		SP	Asphalt chunk.	
								Sand, fine to medium grained, buff white, wet.	
10									
									3
								Bottom at 13 feet.	
15									
20									
25									
30									
35									
40									

WELL DIAGRAM



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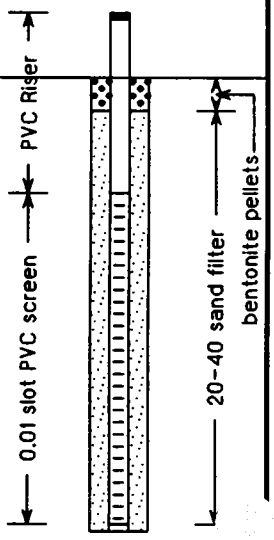
Log of Monitoring Well 36GR42

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *9.81 feet msl*
Started at *1620 on 1-4-96*	TOC Elevation: *9.78 feet msl*
Completed at *1645 on 1-4-96*	Depth to Groundwater: *6.94 feet* Measured: *1-5-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.84 feet msl*
Drilling Company: *GZA*	Total Depth: *13.5 feet*
Geologist: *Ryan Lister*	Well Screen: *3.5 to 13.5 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							Fill	7.8
5			0ppm	N/A		SP	Sand, fine to medium grained quartz sand, dark brownish black. Same as above turning to light gray.	
10								3.7
15							Bottom at 13.5 feet.	
20								
25								
30								
35								
40								

WELL DIAGRAM



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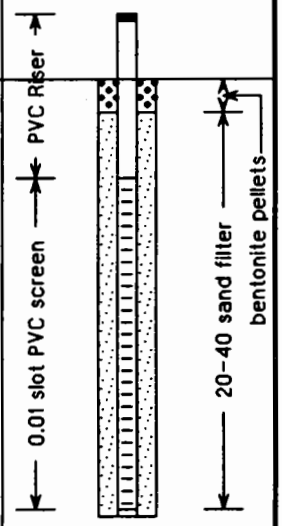
Log of Monitoring Well 36GR43

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *9.64 feet msl*
Started at *1515 on 1–5–96*	TOC Elevation: *11.08 feet msl*
Completed at *1610 on 1–5–96*	Depth to Groundwater: *8.35 feet* Measured: *1–9–96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.73 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
			0ppm	N/A			Fill, topsoil, sandy loam.	8.6
							Sand, fine to medium grained quartz sand, dark gray, moist.	
5						SP	Sand, fine to medium grained, buff white, wet.	
10								3.4
							Bottom at 13 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



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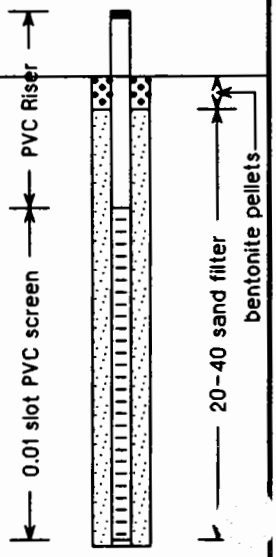
Log of Monitoring Well 36GR44

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *9.76 feet msl*
Started at *0835 on 1-4-96*	TOC Elevation: *11.69 feet msl*
Completed at *0908 on 1-4-96*	Depth to Groundwater: *8.71 feet* Measured: *1-5-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.98 feet msl*
Drilling Company: *GZA*	Total Depth: *14 feet*
Geologist: *Ryan Lister*	Well Screen: *4 to 14 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0ppm	36S44 0101			Fill-Pavement.	
								8
				36S440301			Sand, fine to medium grained, buff white with shells, mica and fine organics (beach sand).	
5				36S440501			Sand, fine to medium grained, brown, same composition as above.	
				36S440701		SP	Same as above except wet at 6.5 with a petroleum-like odor.	
10								
								4.2
15							Bottom at 14 feet.	
20								
25								
30								
35								
40								

WELL DIAGRAM



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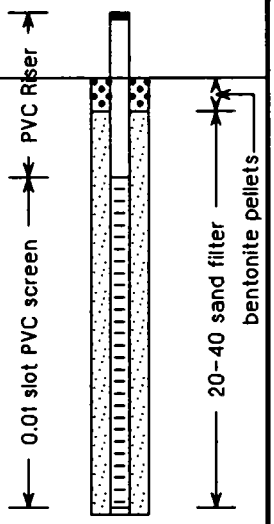
Log of Monitoring Well 36GR45

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *9.12 feet msl*
Started at *0935 on 1-4-96*	TOC Elevation: *11.45 feet msl*
Completed at *1006 on 1-4-96*	Depth to Groundwater: *8.36 feet* Measured: *1-5-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *3.09 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0 ppm	N/A			Fill, sand with shells and asphalt chunks.	
								5.1
5							Sand, fine to medium grained quartz sand, white to light brown, moist.	
10						SP	Same as above but becoming wet at 8 feet.	
								3.9
							Bottom at 13 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



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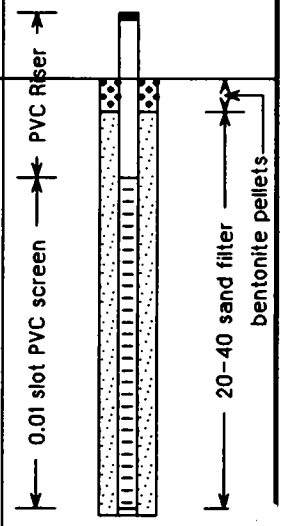
Log of Monitoring Well 36GR46

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *5.51 feet msl*
Started at *1430 on 1-5-96*	TOC Elevation: *7.52 feet msl*
Completed at *1515 on 1-5-96*	Depth to Groundwater: *5.02 feet* Measured: *1-8-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.50 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0ppm	N/A			Topsoil, sandy silty loam, brown.	3.5
5						SP	Sand, fine to medium grained quartz sand, dark brownish gray, moist.	
10							Same as above but light gray and wet.	7.5
							Bottom at 13 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



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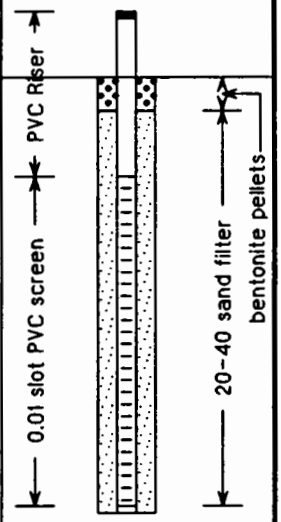
Log of Monitoring Well 36GR47

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *5.09 feet msl*
Started at *1100 on 1–5–96*	TOC Elevation: *7.09 feet msl*
Completed at *1120 on 1–5–96*	Depth to Groundwater: *4.94 feet* Measured: *1–8–96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.15 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
			0ppm	N/A			Topsoil, sandy silty loam, brown.	3.1
5						SP	Sand, fine to medium grained quartz sand, gray, moist.	
10							Same as above but buff white and wet.	7.9
							Bottom at 13 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



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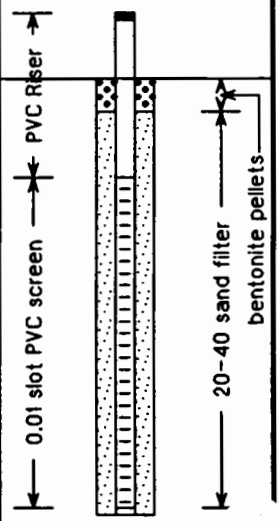
Log of Monitoring Well 36GR48

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *5.07 feet msl*
Started at *1020 on 1-5-96*	TOC Elevation: *6.85 feet msl*
Completed at *1055 on 1-5-96*	Depth to Groundwater: *4.84 feet* Measured: *1-8-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *2.01 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0ppm	N/A			Topsoil, sandy silty loam, brown.	3.1
5						SP	Sand, fine to medium grained quartz sand, gray, moist. Same as above except buff white. Same as above but tan and wet.	7.9
10								
							Bottom at 13 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



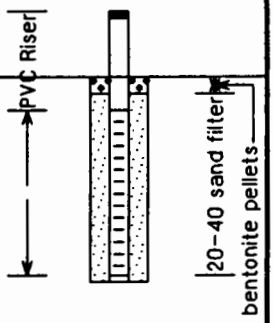
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR49

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *5.16 feet msl*
Started at *1440 on 1-4-96*	TOC Elevation: *5.97 feet msl*
Completed at *1500 on 1-4-96*	Depth to Groundwater: *4.23 feet* Measured: *1-8-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *1.74 feet msl*
Drilling Company: *GZA*	Total Depth: *6 feet*
Geologist: *Ryan Lister*	Well Screen: *1 to 6 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0ppm	N/A			Topsoil, sandy silty loam, brown.	3.2
						SP	Sand, fine to medium grained quartz sand, brown, moist. Same as above except buff white, saturated.	-.8
							Bottom at 6 feet.	

WELL DIAGRAM



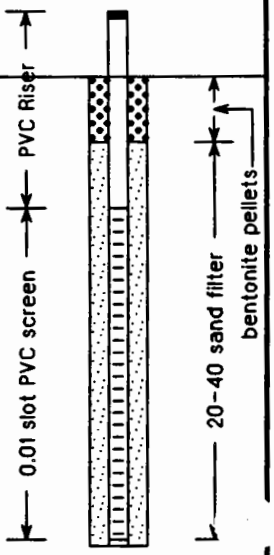
EnSafe/Allen & Hoshall

Log of Monitoring Well 36GR51

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.74 feet msl*
Started at *1000 on 1-5-96*	TOC Elevation: *7.70 feet msl*
Completed at *1020 on 1-5-96*	Depth to Groundwater: *7.81 feet* Measured: *1-8-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *-0.11 feet msl*
Drilling Company: *GZA*	Total Depth: *14 feet*
Geologist: *Ryan Lister*	Well Screen: *4 to 14 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0ppm	N/A			Fill-Pavement.	6.7
							Sand, fine to medium grained, grayish-brown.	
5							Sand, fine to medium grained, white to light gray, moist.	
						SP	Same as above except changing to gray-brown to black, moist.	
10							Same as above except buff white turning tan at 11.5 feet.	
								6.3
15							Bottom at 14 feet.	
20								
25								
30								
35								
40								

WELL DIAGRAM



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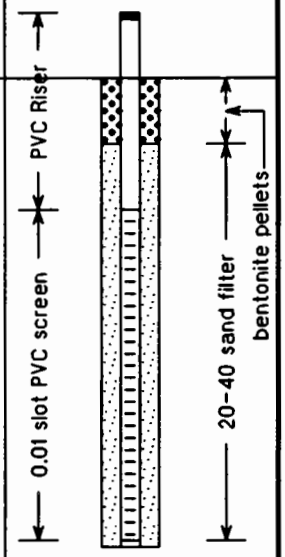
Log of Monitoring Well 36GR52

Project: *NAS Pensacola-Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063-00130*	Surface Elevation: *7.53 feet msl*
Started at *0945 on 1-5-96*	TOC Elevation: *7.22 feet msl*
Completed at *1020 on 1-5-96*	Depth to Groundwater: *6.31 feet* Measured: *1-10-96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *0.91 feet msl*
Drilling Company: *GZA*	Total Depth: *14 feet*
Geologist: *Ryan Lister*	Well Screen: *4 to 14 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			0ppm	N/A			Fill-Topsoil.	6.5
							Sand, fine to medium grained, olive-brown.	
5						SP		
10							Same as above except becoming wet at 9 feet.	
								6.5
15							Bottom at 14 feet.	
20								
25								
30								
35								
40								

WELL DIAGRAM



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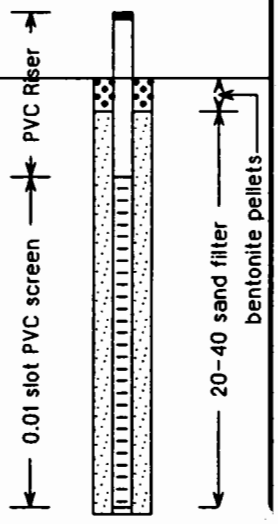
Log of Monitoring Well 36GR54

Project: *NAS Pensacola–Site 36, IWTP Sewer Line*	Location: *Pensacola, FL*
Project No.: *CLEAN 0063–00130*	Surface Elevation: *8.27 feet msl*
Started at *1700 on 1–5–96*	TOC Elevation: *9.80 feet msl*
Completed at *1800 on 1–5–96*	Depth to Groundwater: *10.69 feet* Measured: *1–10–96*
Drilling Method: *Hollow Stem Auger*	Groundwater Elevation: *–0.89 feet msl*
Drilling Company: *GZA*	Total Depth: *13 feet*
Geologist: *Ryan Lister*	Well Screen: *3 to 13 feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	PID (ppm)	SAMPLE NO.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft–msl)
							Fill–Pavement.	7.3
			1	40 N/A			Sand, fine to medium grained, brownish gray, moist.	
5						SP	Sand, fine to medium grained, stained black, wet with a strong fuel odor.	
10								4.7
							Bottom at 13 feet.	
15								
20								
25								
30								
35								
40								

WELL DIAGRAM



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Log of Monitoring Well 338S01

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *0930 on 12-5-94*	TOC Elevation: *N/A feet msl*
Completed at *1030 on 12-5-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *3.5 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	100	N/A		SC	White to tan to brown, fine to medium grained quartz sand. Reddish clayey sand. Pebble and asphalt fragments.		
			2	100	N/A			Same as above.		
			3	100	N/A			Same as above with more red clayey sand and turning white and becoming wet at 3.5 feet.		
5								Bottom of boring at 3.5 feet.		
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S01

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on N/A*	TOC Elevation: *N/A feet msl*
Completed at *N/A on N/A*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *1 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	◢	1	100	N/A		SC	Sand, light brown, quartz.		
								Bottom at 1 foot because of refusal.		
5										
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S03

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on N/A*	TOC Elevation: *N/A feet msl*
Completed at *N/A on N/A*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *2 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	◢	1	100	N/A		SC	Sand, reddish brown, quartz. clayey sand. Pebble and asphalt fragments.		
	X	◢	2	100	N/A			Sand, light brown, quartz, uderlain by tan sand. Same as above.		
5								Same as above with more red clayey sand and turning white and becoming wet at 3.5 feet.		
								Bottom of boring at 3.5 feet.		
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S04

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on N/A*	TOC Elevation: *N/A feet msl*
Completed at *N/A on N/A*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *1 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	◢	1	100	N/A		SC	Sand, buff, quartz, asphaltic material, coarse grained.		
								Bottom at 1 foot because of refusal.		
5										
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S05

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *0930 on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *1030 on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *5 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	100	N/A		SC	Reddish clayey quartz sand.		
			2	100	N/A		SP	White quartz sand.		
5			3	100	N/A			Light brown to tan to reddish, fine to medium grained quartz sand. Wet at 5 feet.		
								Bottom of boring at 5 feet.		
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S06

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *0930 on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *1030 on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *3 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	100	N/A		SC	Brown sand underlain by tan quartz sand, fine to medium grained.		
			2	100	N/A			Dark brown quartz sand, fine to medium grained, mixed with red clayey sand underlain by lighter redish sand. Bottom of boring at 3 feet.		
5										
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S07

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *2 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	■	1	100	N/A		SP	Brown fine tomedium grained quartz sand, some roots and organics.		
	X	■	2	100	N/A			Brown, fine to medium grained quartz sand underlain by whitish sand. Wet at 2 feet bls.		
5								Bottom of boring at 2 feet.		
10										
15										
20										
25										
30										
35										
40										

EnSafe/Allen & Hoshall

Log of Monitoring Well 338S08

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *2 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	◢	1	100	N/A		SP	Brown fine to medium grained quartz sand, asphalt chunks, fill dirt, small shells and gravel.		
	X	◢	2	100	N/A			Brown sand, same as 0'-1' interval, no distinct changes. Wet at 2'.		
5								Bottom of boring at 2 feet.		
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S09

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *1 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	■	1	100	N/A		SC	Brown fine to medium grained quartz sand, uinderlain by buff white sand. Wet at 1 foot.		
								Bottom of boring at 1 foot.		
5										
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S10

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *2 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	◣	1	100	N/A		SP	Brown fine to medium grained quartz sand, asphalt chunks.		
	X	◣	2	100	N/A			Brown sand, underlain by asphalt chunks.		
								Bottom of boring at 2 feet.		
5										
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S11

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-5-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-5-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *1 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	■	1	100	N/A		SP	Brown fine to medium grained quartz sand, uinderlain by buff white sand. Wet at 1 foot.		
								Bottom of boring at 1 foot.		
5										
10										
15										
20										
25										
30										
35										
40										

EnSafe/Allen & Hoshall

Log of Monitoring Well 338S12

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *2 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	■	1	100	N/A		SP	Gray to white, fine to medium grained quartz sand, some brown sand with organics and roots.		
	X	■	2	100	N/A			Gray to white quartz sandfine to medium grained sand. Wet at 2 feet.		
5								Bottom of boring at 2 feet.		
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S13

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-5-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-5-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *1 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
	X	◣	1	100	N/A		SP	Tan to brown, fine to medium grained quartz sand, with white fine to sand. Wet at 1 foot.		
								Bottom of boring at 1 foot.		
5										
10										
15										
20										
25										
30										
35										
40										

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Log of Monitoring Well 338S14

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-5-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-5-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *2 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	100	N/A		SC	Buff to gray fine to medium grained quartz sand, some red clay balls.		
			2	100	N/A			Gray fine to medium grained sand.		
								Bottom of boring at 2 feet.		
5										
10										
15										
20										
25										
30										
35										
40										

EnSafe/Allen & Hoshall

Log of Monitoring Well 338S15

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *N/A on 12-6-94*	TOC Elevation: *N/A feet msl*
Completed at *N/A on 12-6-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *2 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	100	N/A		SP	White, fine to medium grained quartz sand, underlain by brown to red fine to medium quartz sand.		
			2	100	N/A			White to buff fine to medium grained quartz sand. Wet at 2 feet.		
5								Bottom of boring at 2 feet.		
10										
15										
20										
25										
30										
35										
40										

EnSafe/Allen & Hoshall

Log of Monitoring Well 338S16

Project: *NAS Pensacola-Site 44*	Location: *Pensacola, FL*
Project No.: *CLEAN*	Surface Elevation: *N/A feet msl*
Started at *1100 on 12-5-94*	TOC Elevation: *N/A feet msl*
Completed at *on 12-5-94*	Depth to Groundwater: *N/A feet* Measured: *N/A*
Drilling Method: *Hand Auger*	Groundwater Elevation: *N/A feet msl*
Drilling Company: *EnSafe*	Total Depth: *4 feet*
Geologist: *Phil Hardy*	Well Screen: *N/A to N/A feet*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)	WELL DIAGRAM
			1	100	N/A		SP	Tan to brown, fine to medium grained quartz sand with some buff white sand.		
			2	100	N/A		SC	Red clayey sand, underlain by buff white fine to medium grained sand.		
			3	100	N/A		SP	White fine to medium grained quartz sand, some tan to brown colored sand intermixed. Wet at 4 feet.		
5								Bottom of boring at 4 feet.		
10										
15										
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Appendix H
Samples Representing Conditions After Removals

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL													
	SAMPLE ID ------->	036-S-0002-01		036-S-0002-03		036-S-0002-05		036-S-0004-03		036-S-0005-01		036-S-0005-02	
	ORIGINAL ID ----->	36S0201		36S0203		36S0205		36S0403		36S0501		36S0502	
	LAB SAMPLE ID --->	X94951		X94943		X94960		X94897		X92797		X92819	
	ID FROM REPORT -->	J50515		J50514		J50516		J50509		J50411		J50413	
	SAMPLE DATE ----->	05/04/94		05/04/94				05/04/94					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL
CN	Cyanide	1.	U	1.1	U	1.2	U	0.52	U	0.51	U	0.57	U
AL	Aluminum	1120.	J	1190.	J	1370.	J	41.8		2410.		1490.	
SB	Antimony	5.5	UJ	5.4	U	5.5	U	5.4	UJ	5.4	UJ	5.9	UJ
AS	Arsenic	0.93	U	0.62	U	0.63	U	0.62	U	1.4	U	1.5	U
BA	Barium	4.3	J	2.1	J	6.7	J	10.3	J	13.4	J	13.3	J
BE	Beryllium	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.23	U
CD	Cadmium	1.1	UJ	1.	UJ	1.1	UJ	0.83	U	0.83	U	0.91	U
CA	Calcium	338.	J	248.	J	1930.		168.	J	1810.		3870.	
CR	Chromium	6.		4.1		12.3		3.3		3.1		3.6	
CO	Cobalt	1.1	U	1.	U	1.1	U	1.	U	1.	U	1.1	U
CU	Copper	6.1	U	3.4	U	4.5	U	2.	J	7.8		7.2	
FE	Iron	1000.	J	1100.	J	998.	J	357.	J	2120.	J	1790.	J
PB	Lead	58.7	J	15.8	J	70.6	J	30.8		80.6		82.	
MG	Magnesium	67.2	J	57.1	J	88.5	J	20.7	U	60.9	J	60.2	J
MN	Manganese	28.6	J	8.9	J	14.5	J	12.9		29.2		17.7	
HG	Mercury	0.11	UJ	0.1	UJ	0.11	UJ	0.1	U	0.11		0.11	U
NI	Nickel	3.6	U	3.5	U	3.6	U	3.5	U	3.5	U	3.9	U
K	Potassium	88.7	U	86.6	U	98.6	J	87.	U	87.5	U	95.3	U
SE	Selenium	1.3	U	1.	U	1.1	U	1.	U	1.	U	1.1	U
AG	Silver	0.63	UJ	0.62	UJ	0.63	UJ	0.62	U	0.62	U	0.68	U
NA	Sodium	10.1	U	6.4	U	25.3	U	6.8	J	21.7	J	36.3	J
TL	Thallium	1.3	U	1.2	U	1.3	U	1.2	U	1.2	U	1.4	U
V	Vanadium	2.1	J	2.1	J	2.2	J	0.83	U	4.6	J	3.4	J
ZN	Zinc	26.8	J	9.5	U	33.7	J	13.9	J	42.6	J	36.4	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL																	
	SAMPLE ID ------->	036-S-0008-01		036-S-0008-03		036-S-0009-01		036-S-0009-03		036-S-0009-05		036-S-0009-07	
	ORIGINAL ID ----->	36S0801		36S0803		36S0901		36S0903		36S0905		36S0907	
	LAB SAMPLE ID --->	X92193		X92207		X92150		X92169		X92177		X92185	
	ID FROM REPORT -->	J50313		J50314		J50309		J50310		J50311		J50312	
	SAMPLE DATE ----->	05/02/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
CN	Cyanide	0.52	U	0.52	U	0.5	U	0.51	U	0.51	U	0.62	U
AL	Aluminum	2400.		1170.		1300.		783.		122.		149.	
SB	Antimony	5.5	UJ	5.5	UJ	5.4	UJ	5.5	UJ	5.5	UJ	6.6	UJ
AS	Arsenic	0.91	U	1.	U	0.89	U	0.75	U	0.63	U	0.76	U
BA	Barium	5.3	J	5.5	J	4.6	J	3.6	J	0.68	J	0.78	J
BE	Beryllium	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.25	U
CD	Cadmium	0.84	U	0.85	U	0.83	U	0.84	U	0.84	U	1.	U
CA	Calcium	2690.		430.	J	6950.		617.	J	205.	J	649.	J
CR	Chromium	3.		2.3		1.9	J	2.7		2.1		2.	J
CO	Cobalt	1.1	U	1.1	U	1.	U	1.	U	1.	U	1.3	U
CU	Copper	4.3	J	4.8	J	2.	J	1.3	J	0.82	J	0.86	J
FE	Iron	1670.	J	1210.	J	867.	J	702.	J	116.	J	138.	J
PB	Lead	23.8		45.9		15.6		7.5		2.2		2.6	
MG	Magnesium	76.4	J	47.4	J	95.4	J	35.6	J	15.1	J	17.8	J
MN	Manganese	41.		21.2		27.		32.5		5.3	U	6.7	U
HG	Mercury	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U	0.13	U
NI	Nickel	3.6	U	3.6	U	3.5	U	3.6	U	3.6	U	4.5	J
K	Potassium	88.6	U	89.6	U	87.3	U	88.1	U	88.1	U	107.	U
SE	Selenium	1.1	U	1.1	U	1.	U	1.	U	1.	U	1.3	U
AG	Silver	0.63	U	0.64	U	0.62	U	0.63	U	0.63	U	0.76	U
NA	Sodium	27.7	J	16.3	J	59.7	J	15.9	J	6.9	J	9.8	J
TL	Thallium	1.3	U	1.3	U	1.2	U	1.3	U	1.3	U	1.5	U
V	Vanadium	4.3	J	2.5	J	2.2	J	2.1	J	0.84	U	1.	U
ZN	Zinc	9.6	J	18.6	J	8.9	J	11.	J	2.3	UJ	1.6	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL													
	SAMPLE ID ------->	036-S-0010-01		036-S-0010-03		036-S-0010-05		036-S-0013-01		036-S-0013-03		036-S-0013-05	
	ORIGINAL ID ----->	36S1001		36S1003		36S1005		36S1301		36S1303		36S1305	
	LAB SAMPLE ID --->	X90972		X90980		X91006		X98191		X98205		X98213	
	ID FROM REPORT -->	J43008		J43009		J43011		J51001		J51002		J51003	
	SAMPLE DATE ----->	04/29/94		04/29/94		04/29/94		05/09/94		05/09/94		05/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT802	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL	CT806	VAL
CN	Cyanide	1.4	U	1.2	U	1.3	U	1.	U	1.3	U	1.3	U
AL	Aluminum	1210.		3810.		893.		808.	J	297.	J	320.	J
SB	Antimony	6.3	U	5.4	U	6.8	U	5.4	UJ	5.4	UJ	5.7	UJ
AS	Arsenic	0.73	U	0.77		0.78	U	0.74	U	0.63	U	1.	U
BA	Barium	4.7	U	7.8		4.5	U	3.4	J	7.2	J	3.3	J
BE	Beryllium	0.24	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U
CD	Cadmium	1.2	U	1.	U	1.3	U	1.	UJ	1.	UJ	1.1	UJ
CA	Calcium	94300.		2880.		58600.		820.	J	387.	J	1460.	
CR	Chromium	2.3		4.6		4.2		2.9		1.8	J	6.1	
CO	Cobalt	1.2	U	1.	U	1.3	U	1.	U	1.	U	1.1	U
CU	Copper	2.1		2.2		1.7		3.8	U	5.	U	4.6	U
FE	Iron	984.		2300.		887.		669.	J	505.	J	569.	J
PB	Lead	19.1		14.		10.3		53.3	J	72.3	J	30.8	J
MG	Magnesium	552.		44.1	U	309.		49.	J	24.	U	77.3	J
MN	Manganese	145.		25.6		101.		27.2	J	33.1	J	16.2	J
HG	Mercury	0.12	U	0.1	U	0.13	U	0.14	J	0.1	UJ	0.11	UJ
NI	Nickel	4.1	U	3.5	U	4.4	U	3.5	U	3.6	U	3.7	U
K	Potassium	102.	U	86.9	U	113.		87.7	U	87.8	U	91.5	U
SE	Selenium	1.2	U	1.	U	1.3	U	1.	U	1.	U	1.1	U
AG	Silver	1.2	U	1.	U	1.3	U	0.63	UJ	0.63	UJ	0.65	UJ
NA	Sodium	547.	J	24.1	U	429.	J	3.8	U	7.9	U	3.9	U
TL	Thallium	1.5	U	1.2	U	1.6	U	1.3	U	1.3	U	1.3	U
V	Vanadium	2.5	U	5.9		2.2		1.3	J	0.84	U	0.87	U
ZN	Zinc	5.1	U	4.3	U	3.5	U	8.9	U	16.3	J	9.6	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL													
	SAMPLE ID ------->	036-S-0014-01		036-S-0014-03		036-S-0014-05		036-S-0015-01		036-S-0015-03		036-S-0015-05	
	ORIGINAL ID ----->	36S1401		36S1403		36S1405		36S1501		36S1503		36S1505	
	LAB SAMPLE ID --->	X90948		X90956		X90964		X90158		X90174		X90182	
	ID FROM REPORT -->	J43005		J43006		J43007		J42911		J42913		J42914	
	SAMPLE DATE ----->	04/29/94		04/29/94		04/29/94		04/28/94		04/28/94		04/28/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
CN	Cyanide	1.2	U	1.1	U	1.2	U	1.3	U	1.3	U	1.2	U
AL	Aluminum	5050.		152.		978.		1220.		407.		2120.	
SB	Antimony	5.6	U	5.4	U	5.5	U	5.9	U	5.7	U	5.5	U
AS	Arsenic	1.9		0.62	U	0.78		0.68	U	0.66	U	0.69	
BA	Barium	4.8		1.2		1.6		2.		0.8		4.9	
BE	Beryllium	0.21	U	0.21	U	0.21	U	0.23	U	0.22	U	0.21	U
CD	Cadmium	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
CA	Calcium	303.		92.8	U	126.	U	888.		303.		7060.	
CR	Chromium	6.9		3.1		3.4		1.8		1.7		4.6	
CO	Cobalt	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
CU	Copper	2.5		1.6		1.5		0.99		1.		1.7	
FE	Iron	4830.		294.		749.		1000.		301.		1590.	
PB	Lead	13.6		23.		7.7	U	5.1		2.6		5.6	U
MG	Magnesium	48.7	U	8.6	U	14.4	U	64.	U	27.4		349.	
MN	Manganese	41.2	U	7.1	U	20.	U	12.8	U	5.5		20.4	U
HG	Mercury	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
NI	Nickel	3.6	U	3.5	U	3.6	U	3.9	U	3.7	U	3.6	U
K	Potassium	89.9	U	86.7	U	88.5	U	95.5	U	92.3	U	88.2	U
SE	Selenium	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
AG	Silver	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
NA	Sodium	29.	U	10.1	U	8.9	U	6.	U	4.	U	9.7	U
TL	Thallium	1.3	U	1.2	U	1.3	U	1.4	U	1.3	U	1.3	U
V	Vanadium	12.3		0.83	U	2.2		2.3		1.		4.1	U
ZN	Zinc	8.9	U	7.3	U	2.	U	2.9	U	2.4	U	5.4	

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL													
	SAMPLE ID ------->	036-S-0017-01		036-S-0017-03		036-S-0017-05		036-S-0018-01		036-S-0018-03		036-S-0018-05	
	ORIGINAL ID ----->	36S1701		36S1703		36S1705		36S1801		36S1803		36S1805	
	LAB SAMPLE ID --->	X88609		X88625		X88633		X88579		X88587		X88595	
	ID FROM REPORT -->	J42812		J42814		J42815		J42809		J42810		J42811	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/27/94		04/27/94		04/27/94		04/27/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
CN	Cyanide	1.3	U	1.4	U	1.3	U	1.2	U	1.3	U	1.5	U
AL	Aluminum	4920.		9710.		1220.		2050.		3330.		4460.	
SB	Antimony	5.4	UJ	6.5	UJ	6.5	UJ	5.4	UJ	6.5	UJ	6.4	UJ
AS	Arsenic	2.1		2.4	U	0.95	U	1.3	U	1.5	U	2.	U
BA	Barium	7.1		14.5	U	2.	U	5.5	U	4.3	U	7.3	U
BE	Beryllium	0.21	U	0.25	U	0.25	U	0.21	U	0.25	U	0.25	U
CD	Cadmium	1.	U	1.2	U	1.2	U	1.	U	1.3	U	1.2	U
CA	Calcium	4020.		681.		2820.		848.		814.		690.	
CR	Chromium	59.4		11.2		2.7		3.2		3.6		4.9	
CO	Cobalt	1.	U	1.2	U	1.2	U	1.	U	1.3	U	1.2	U
CU	Copper	5.2		3.9		2.		1.7		1.8		2.3	
FE	Iron	6000.		4170.		1140.		1560.		1850.		2530.	
PB	Lead	36.2	J	20.8	J	11.6	J	23.5	J	41.	J	25.8	J
MG	Magnesium	174.		111.	J	79.3	U	81.6	U	268.		76.2	U
MN	Manganese	118.	J	224.	J	36.7	J	61.3	J	56.3	J	41.	J
HG	Mercury	0.1	U	0.12	U	0.12	U	0.1	U	0.13	U	0.12	U
NI	Nickel	3.5	U	5.8	U	4.2	U	3.5	U	4.3	U	4.2	U
K	Potassium	87.1	U	105.	U	105.	U	86.8	U	105.	U	103.	U
SE	Selenium	1.	U	1.2	U	1.6		1.	U	2.		1.2	U
AG	Silver	0.62	U	0.75	U	0.75	U	0.62	U	0.75	U	0.74	U
NA	Sodium	51.6	U	34.9		41.		34.1		32.2		33.7	
TL	Thallium	1.2	U	1.5	U	1.5	U	1.2	U	1.5	U	1.5	U
V	Vanadium	13.4		12.5		1.7		3.1		5.		6.9	
ZN	Zinc	14.5	U	10.3		5.1		12.9		8.		12.	

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL															
	SAMPLE ID ------->	036-S-0019-01		036-S-0019-03		036-S-0019-04		036-S-0020-01		036-S-0020-03		036-S-0020-05	
	ORIGINAL ID ----->	36S1901		36S1903		36S1904		36S2001		36S2003		36S2005	
	LAB SAMPLE ID --->	X88544		X88552		X88560		X88498		X88510		X88528	
	ID FROM REPORT -->	J42806		J42807		J42808		J42801		J42803		J42804	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/27/94		04/27/94		04/27/94		04/27/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
CN	Cyanide	1.1	U	1.3	U	1.3	U	1.3	U	1.1	U	1.2	U
AL	Aluminum	2550.		778.		634.		3600.		12300.		5510.	
SB	Antimony	5.5	UJ	5.4	UJ	5.6	UJ	5.5	UJ	5.6	UJ	5.5	UJ
AS	Arsenic	2.1	U	0.91	U	1.2	U	1.7	U	2.9	U	1.7	U
BA	Barium	6.9	U	0.96	U	1.6	U	4.	U	7.2	U	4.4	U
BE	Beryllium	0.21	U	0.21	U	0.22	U	0.21	U	0.22	U	0.21	U
CD	Cadmium	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.	U
CA	Calcium	12400.		262.		2570.		449.		849.		1500.	
CR	Chromium	3.4		2.		1.4		3.6		8.5		5.3	
CO	Cobalt	1.1	U	1.	U	1.1	U	1.1	U	1.3		1.	U
CU	Copper	1.9		0.83		0.65	U	1.2		3.		0.8	
FE	Iron	1720.		571.		540.		2180.		6170.		2950.	
PB	Lead	6.7	J	2.7	J	3.	J	6.9	J	4.	J	5.8	J
MG	Magnesium	631.		26.1	U	116.		67.7	U	111.		54.	U
MN	Manganese	29.6	J	9.2	J	8.	J	62.4	J	95.1	J	55.1	J
HG	Mercury	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U
NI	Nickel	3.6	U	3.5	U	3.7	U	3.6	U	4.3	U	3.6	U
K	Potassium	89.1	U	86.8	U	90.8	U	88.5	U	90.7	U	88.1	U
SE	Selenium	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.	U
AG	Silver	0.64	U	0.62	U	0.65	U	0.63	U	0.65	U	0.63	U
NA	Sodium	35.3		21.8		25.9		28.6		43.6		29.8	
TL	Thallium	1.3	U	1.2	U	1.3	U	1.3	U	1.3	U	1.3	U
V	Vanadium	3.3		1.1		0.86	U	4.9		17.1		7.8	
ZN	Zinc	7.4		2.1	U	3.6	U	4.3	U	5.		3.7	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL																			
		SAMPLE ID ------->	036-S-0020-07		036-S-0022-01		036-S-0022-03		036-S-0023-01		036-S-0023-03		036-S-0024-01	
		ORIGINAL ID ----->	36S2007		36S2201		36S2203		36S2301		36S2303		36S2401	
		LAB SAMPLE ID --->	X88536		X90239		X90247		X98221		X98230		X98248	
		ID FROM REPORT -->	J42805		J42919		J42920		J51004		J51005		J51006	
		SAMPLE DATE ----->	04/27/94		04/28/94		04/28/94		05/09/94		05/09/94		05/09/94	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		CT801	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL	CT806	VAL
CN	Cyanide		1.3	U	1.5	U	1.3	U	1.1	U	1.4	U	1.1	U
AL	Aluminum		330.		1320.		826.		807.	J	1350.	J	169.	J
SB	Antimony		5.6	UJ	6.3	U	6.4	U	5.4	UJ	6.	UJ	5.4	UJ
AS	Arsenic		0.65	U	0.84		0.81		0.76	U	0.96	U	0.75	U
BA	Barium		0.68	U	3.2		3.4		7.3	J	7.8	J	48.4	J
BE	Beryllium		0.22	U	0.24	U	0.25	U	0.21	U	0.23	U	0.21	U
CD	Cadmium		1.1	U	1.2	U	1.2	U	1.	UJ	1.2	UJ	1.	UJ
CA	Calcium		303.		555.	U	1140.		37200.		5070.		1500.	
CR	Chromium		0.86	U	9.2		8.4		5.7		24.9		1.3	J
CO	Cobalt		1.1	U	1.2	U	1.2	U	1.	U	1.2	U	1.	U
CU	Copper		0.65	U	3.6		7.7		2.7	U	3.6	U	8.7	U
FE	Iron		293.		2000.		11500.		724.	J	1710.	J	506.	J
PB	Lead		0.68	J	22.4		336.		14.6	J	17.4	J	156.	J
MG	Magnesium		16.7	U	312.		145.		239.	J	64.7	J	96.	J
MN	Manganese		7.3	J	29.2		41.6		31.1	J	17.7	J	66.4	J
HG	Mercury		0.11	U	0.12	U	0.12	U	0.1	UJ	0.12	UJ	0.27	J
NI	Nickel		3.7	U	4.1	U	4.2	U	3.5	U	3.9	U	3.5	U
K	Potassium		90.5	U	102.	U	103.	U	87.3	U	96.8	U	87.1	U
SE	Selenium		1.1	U	1.2	U	1.2	U	1.	U	1.2	U	1.	U
AG	Silver		0.65	U	1.2	U	1.2	U	0.62	UJ	0.69	UJ	0.62	UJ
NA	Sodium		21.1		7.7	U	6.9	U	271.	J	35.8	U	66.5	J
TL	Thallium		1.3	U	1.5	U	1.5	U	1.2	U	1.4	U	1.2	U
V	Vanadium		0.86	U	3.		1.9		2.	J	5.2	J	0.83	U
ZN	Zinc		0.81	U	13.5	U	13.5	U	11.2	U	13.	U	32.5	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

METAL

SAMPLE ID -------->	036-S-0024-03
ORIGINAL ID ----->	36S2403
LAB SAMPLE ID --->	X98256
ID FROM REPORT -->	J51007
SAMPLE DATE ----->	05/09/94
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	CT806	VAL
CN	Cyanide	1.2	U
AL	Aluminum	770.	J
SB	Antimony	5.9	UJ
AS	Arsenic	1.1	U
BA	Barium	30.1	J
BE	Beryllium	0.23	U
CD	Cadmium	1.1	UJ
CA	Calcium	1780.	
CR	Chromium	9.5	
CO	Cobalt	1.1	U
CU	Copper	6.	U
FE	Iron	2290.	J
PB	Lead	88.2	J
MG	Magnesium	223.	J
MN	Manganese	47.6	J
HG	Mercury	0.11	UJ
NI	Nickel	3.9	U
K	Potassium	95.8	U
SE	Selenium	1.1	U
AG	Silver	0.68	UJ
NA	Sodium	21.4	U
TL	Thallium	1.4	U
V	Vanadium	3.9	J
ZN	Zinc	38.3	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0002-01		036-S-0002-03		036-S-0002-05		036-S-0004-01		036-S-0004-03		036-S-0005-01	
	ORIGINAL ID ----->	36S0201		36S0203		36S0205		36S0401		36S0403		36S0501	
	LAB SAMPLE ID --->	9495.1		9494.3		9496.0		9490.0		9489.7		9279.7	
	ID FROM REPORT -->	J50515		J50514		J50516		J50510		J50509		J50411	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/05/94		05/04/94		05/04/94		05/03/94	
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/04/94	
	DATE ANALYZED --->	05/20/94		05/20/94		05/20/94		05/14/94		05/14/94		05/14/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
1031-07-8	Endosulfan sulfate	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
11096-82-5	Aroclor-1260	30.	J	34.	U	35.	U	34.	U	34.	U	34.	U
11097-69-1	Aroclor-1254	35.	U	34.	U	35.	U	34.	U	34.	U	34.	U
11104-28-2	Aroclor-1221	71.	U	69.	U	71.	U	68.	U	69.	U	70.	U
11141-16-5	Aroclor-1232	35.	U	34.	U	35.	U	34.	U	34.	U	34.	U
12672-29-6	Aroclor-1248	79.		34.	U	35.	U	34.	U	34.	U	34.	U
12674-11-2	Aroclor-1016	35.	U	34.	U	35.	U	34.	U	34.	U	34.	U
309-00-2	Aldrin	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
319-84-6	alpha-BHC	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
319-85-7	beta-BHC	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
319-86-8	delta-BHC	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
33213-65-9	Endosulfan II	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
50-29-3	4,4'-DDT	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
53469-21-9	Aroclor-1242	35.	U	34.	U	35.	U	34.	U	34.	U	34.	U
53494-70-5	Endrin ketone	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
60-57-1	Dieldrin	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
72-20-8	Endrin	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
72-43-5	Methoxychlor	18.	U	18.	U	18.	U	17.	U	17.	U	18.	U
72-54-8	4,4'-DDD	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
72-55-9	4,4'-DDE	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
7421-93-4	Endrin aldehyde	3.5	U	3.4	U	3.5	U	3.4	U	3.4	U	3.4	U
76-44-8	Heptachlor	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U
8001-35-2	Toxaphene	180.	U	180.	U	180.	U	170.	U	170.	U	180.	U
959-98-8	Endosulfan I	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST																	
	SAMPLE ID ------->	036-S-0005-02		036-S-0008-01		036-S-0008-03		036-S-0009-01		036-S-0009-03		036-S-0009-05	
	ORIGINAL ID ----->	36S0502		36S0801		36S0803		36S0901		36S0903		36S0905	
	LAB SAMPLE ID --->	9281.9		9219.3		9220.7		9215.0		9216.9		9217.7	
	ID FROM REPORT -->	J50413		J50313		J50314		J50309		J50310		J50311	
	SAMPLE DATE ----->	05/03/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE EXTRACTED -->	05/04/94		05/03/94		05/03/94		05/03/94		05/03/94		05/03/94	
	DATE ANALYZED --->	05/14/94		05/14/94		05/14/94		05/13/94		05/13/94		05/13/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
1024-57-3	Heptachlor epoxide	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
1031-07-8	Endosulfan sulfate	3.8	U	3.5	U	3.5	U	3.4	U	3.5	U	3.5	U
11096-82-5	Aroclor-1260	38.	U	35.	U	35.	U	34.	U	35.	U	35.	U
11097-69-1	Aroclor-1254	38.	U	35.	U	35.	U	34.	U	35.	U	35.	U
11104-28-2	Aroclor-1221	76.	U	70.	U	71.	U	70.	U	70.	U	70.	U
11141-16-5	Aroclor-1232	38.	U	35.	U	35.	U	34.	U	35.	U	35.	U
12672-29-6	Aroclor-1248	38.	U	35.	U	35.	U	34.	U	35.	U	35.	U
12674-11-2	Aroclor-1016	38.	U	35.	U	35.	U	34.	U	35.	U	35.	U
309-00-2	Aldrin	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
319-84-6	alpha-BHC	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
319-85-7	beta-BHC	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
319-86-8	delta-BHC	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
33213-65-9	Endosulfan II	3.8	U	3.5	U	3.5	U	3.4	U	3.5	U	3.5	U
50-29-3	4,4'-DDT	3.8	U	3.5	U	3.5	U	3.4	U	1.5	J	3.5	U
5103-71-9	alpha-Chlordane	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
53469-21-9	Aroclor-1242	38.	U	35.	U	35.	U	34.	U	35.	U	35.	U
53494-70-5	Endrin ketone	3.8	U	3.5	U	3.5	U	3.4	U	3.5	U	3.5	U
58-89-9	gamma-BHC (Lindane)	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
60-57-1	Dieldrin	3.8	U	3.5	U	3.5	U	3.4	U	3.5	U	3.5	U
72-20-8	Endrin	3.8	U	0.96	J	3.5	U	3.4	U	3.5	U	3.5	U
72-43-5	Methoxychlor	19.	U	18.	U	18.	U	18.	U	18.	U	18.	U
72-54-8	4,4'-DDD	3.8	U	3.5	U	3.5	U	3.4	U	3.5	U	3.5	U
72-55-9	4,4'-DDE	3.8	U	3.5	U	3.5	U	3.4	U	3.5	U	3.5	U
7421-93-4	Endrin aldehyde	3.8	U	3.5	U	3.5	U	3.4	U	3.5	U	3.5	U
76-44-8	Heptachlor	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
8001-35-2	Toxaphene	190.	U	180.	U	180.	U	180.	U	180.	U	180.	U
959-98-8	Endosulfan I	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0009-07		036-S-0010-01		036-S-0010-03		036-S-0010-05		036-S-0013-01		036-S-0013-03	
	ORIGINAL ID ----->	36S0907		36S1001		36S1003		36S1005		36S1301		36S1303	
	LAB SAMPLE ID --->	9218.5		9097.2		9098.0		9100.6		9819.1		9820.5	
	ID FROM REPORT -->	J50312		J43008		J43009		J43011		J51001		J51002	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		05/09/94		05/09/94	
	DATE EXTRACTED -->	05/03/94		04/30/94		04/30/94		04/30/94		05/10/94		05/10/94	
	DATE ANALYZED --->	05/13/94		05/06/94		05/07/94		05/07/94		05/17/94		05/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
1024-57-3	Heptachlor epoxide	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
1031-07-8	Endosulfan sulfate	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
11096-82-5	Aroclor-1260	42.	U	40.	U	34.	U	43.	U	34.	U	34.	U
11097-69-1	Aroclor-1254	42.	U	40.	U	34.	U	43.	U	34.	U	34.	U
11104-28-2	Aroclor-1221	85.	U	81.	U	69.	U	87.	U	70.	U	69.	U
11141-16-5	Aroclor-1232	42.	U	40.	U	34.	U	43.	U	34.	U	34.	U
12672-29-6	Aroclor-1248	42.	U	40.	U	34.	U	43.	U	34.	U	34.	U
12674-11-2	Aroclor-1016	42.	U	40.	U	34.	U	43.	U	34.	U	34.	U
309-00-2	Aldrin	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
319-84-6	alpha-BHC	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
319-85-7	beta-BHC	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
319-86-8	delta-BHC	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
33213-65-9	Endosulfan II	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
50-29-3	4,4'-DDT	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
5103-71-9	alpha-Chlordane	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
53469-21-9	Aroclor-1242	42.	U	40.	U	34.	U	43.	U	34.	U	34.	U
53494-70-5	Endrin ketone	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
58-89-9	gamma-BHC (Lindane)	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
60-57-1	Dieldrin	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
72-20-8	Endrin	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
72-43-5	Methoxychlor	22.	U	20.	U	17.	U	22.	U	18.	U	18.	U
72-54-8	4,4'-DDD	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
72-55-9	4,4'-DDE	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
7421-93-4	Endrin aldehyde	4.2	U	4.	U	3.4	U	4.3	U	3.4	U	3.4	U
76-44-8	Heptachlor	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U
8001-35-2	Toxaphene	220.	U	200.	U	170.	U	220.	U	180.	U	180.	U
959-98-8	Endosulfan I	2.2	U	2.	U	1.7	U	2.2	U	1.8	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0013-05		036-S-0014-01		036-S-0014-03		036-S-0014-05		036-S-0015-01		036-S-0015-03	
	ORIGINAL ID ----->	36S1305		36S1401		36S1403		36S1405		36S1501		36S1503	
	LAB SAMPLE ID --->	9821.3		9094.8		9095.6		9096.4		9015.8		9017.4	
	ID FROM REPORT -->	J51003		J43005		J43006		J43007		J42911		J42913	
	SAMPLE DATE ----->	05/09/94		04/29/94		04/29/94		04/29/94		04/28/94		04/28/94	
	DATE EXTRACTED -->	05/10/94		04/30/94		04/30/94		04/30/94		04/29/94		04/29/94	
	DATE ANALYZED --->	05/17/94		05/06/94		05/06/94		05/06/94		05/05/94		05/05/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT806	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
1031-07-8	Endosulfan sulfate	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
11096-82-5	Aroclor-1260	36.	U	35.	U	34.	U	35.	U	38.	U	36.	U
11097-69-1	Aroclor-1254	36.	U	35.	U	34.	U	35.	U	38.	U	36.	U
11104-28-2	Aroclor-1221	73.	U	72.	U	69.	U	70.	U	76.	U	74.	U
11141-16-5	Aroclor-1232	36.	U	35.	U	34.	U	35.	U	38.	U	36.	U
12672-29-6	Aroclor-1248	36.	U	35.	U	34.	U	35.	U	38.	U	36.	U
12674-11-2	Aroclor-1016	36.	U	35.	U	34.	U	35.	U	38.	U	36.	U
309-00-2	Aldrin	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
319-84-6	alpha-BHC	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
319-85-7	beta-BHC	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
319-86-8	delta-BHC	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
33213-65-9	Endosulfan II	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
50-29-3	4,4'-DDT	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
53469-21-9	Aroclor-1242	36.	U	35.	U	34.	U	35.	U	38.	U	36.	U
53494-70-5	Endrin ketone	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
60-57-1	Dieldrin	3.6	U	3.5	U	3.4	U	3.5	U	1.1	J	3.6	U
72-20-8	Endrin	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
72-43-5	Methoxychlor	18.	U	18.	U	17.	U	18.	U	19.	U	19.	U
72-54-8	4,4'-DDD	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
72-55-9	4,4'-DDE	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
7421-93-4	Endrin aldehyde	3.6	U	3.5	U	3.4	U	3.5	U	3.8	U	3.6	U
76-44-8	Heptachlor	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U
8001-35-2	Toxaphene	180.	U	180.	U	170.	U	180.	U	190.	U	190.	U
959-98-8	Endosulfan I	1.8	U	1.8	U	1.7	U	1.8	U	1.9	U	1.9	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0015-05		036-S-0017-01		036-S-0017-03		036-S-0017-05		036-S-0018-01		036-S-0018-03	
	ORIGINAL ID ----->	36S1505		36S1701		36S1703		36S1705		36S1801		36S1803	
	LAB SAMPLE ID --->	9018.2		8860.9		8862.5		8863.3		8857.9		8858.7	
	ID FROM REPORT -->	J42914		J42812		J42814		J42815		J42809		J42810	
	SAMPLE DATE ----->	04/28/94		04/27/94		04/27/94		04/27/94		04/27/94		04/27/94	
	DATE EXTRACTED -->	04/29/94		04/28/94		04/28/94		04/28/94		04/28/94		04/28/94	
	DATE ANALYZED --->	05/05/94		05/02/94		05/02/94		05/06/94		05/02/94		05/02/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT802	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U
1031-07-8	Endosulfan sulfate	3.5	U	3.4	U	4.1	U	4.1	U	3.4	U	4.1	U
11096-82-5	Aroclor-1260	35.	U	34.	U	41.	U	41.	U	33.	J	41.	U
11097-69-1	Aroclor-1254	35.	U	34.	U	41.	U	41.	U	34.	U	41.	U
11104-28-2	Aroclor-1221	71.	U	70.	U	83.	U	84.	U	69.	U	84.	U
11141-16-5	Aroclor-1232	35.	U	34.	U	41.	U	41.	U	34.	U	41.	U
12672-29-6	Aroclor-1248	35.	U	34.	U	41.	U	41.	U	34.	U	41.	U
12674-11-2	Aroclor-1016	35.	U	34.	U	41.	U	41.	U	34.	U	41.	U
309-00-2	Aldrin	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U
319-84-6	alpha-BHC	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U
319-85-7	beta-BHC	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U
319-86-8	delta-BHC	1.8	U	0.77	J	2.1	U	2.1	U	1.8	U	2.1	U
33213-65-9	Endosulfan II	3.5	U	3.4	U	4.1	U	4.1	U	3.4	U	4.1	U
50-29-3	4,4'-DDT	3.5	U	5.6		4.1	U	4.1	U	3.4	U	2.7	J
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	U	2.1	U	2.1	U	0.89	J	2.1	U
53469-21-9	Aroclor-1242	35.	U	34.	U	41.	U	41.	U	34.	U	41.	U
53494-70-5	Endrin ketone	3.5	U	3.4	U	4.1	U	4.1	U	3.4	U	4.1	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U
60-57-1	Dieldrin	2.9	J	9.2		4.1	U	2.9	J	13.		2.4	J
72-20-8	Endrin	3.5	U	3.4	U	4.1	U	4.1	U	3.4	U	4.1	U
72-43-5	Methoxychlor	18.	U	18.	U	21.	U	21.	U	18.	U	21.	U
72-54-8	4,4'-DDD	3.5	U	3.4	U	4.1	U	4.1	U	3.4	U	4.1	U
72-55-9	4,4'-DDE	3.5	U	1.6	J	4.1	U	4.1	U	3.4	U	4.1	U
7421-93-4	Endrin aldehyde	3.5	U	3.4	U	4.1	U	4.1	U	3.4	U	4.1	U
76-44-8	Heptachlor	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U
8001-35-2	Toxaphene	180.	U	180.	U	210.	U	210.	U	180.	U	210.	U
959-98-8	Endosulfan I	1.8	U	1.8	U	2.1	U	2.1	U	1.8	U	2.1	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0018-05		036-S-0019-01		036-S-0019-03		036-S-0019-04		036-S-0020-01		036-S-0020-03	
	ORIGINAL ID ----->	36S1805		36S1901		36S1903		36S1904		36S2001		36S2003	
	LAB SAMPLE ID --->	8859.5		8854.4		8855.2		8856.0		8849.8		8851.0	
	ID FROM REPORT -->	J42811		J42806		J42807		J42808		J42801		J42803	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/27/94		04/27/94		04/26/94		04/27/94	
	DATE EXTRACTED -->	04/28/94		04/28/94		04/28/94		04/28/94		04/28/94		04/28/94	
	DATE ANALYZED --->	05/02/94		05/02/94		05/02/94		05/02/94		05/01/94		05/02/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
1024-57-3	Heptachlor epoxide	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U
1031-07-8	Endosulfan sulfate	4.1	U	3.5	U	3.4	U	3.6	U	3.5	U	3.5	U
11096-82-5	Aroclor-1260	41.	U	35.	U	34.	U	36.	U	35.	U	35.	U
11097-69-1	Aroclor-1254	41.	U	35.	U	34.	U	36.	U	35.	U	35.	U
11104-28-2	Aroclor-1221	83.	U	71.	U	69.	U	73.	U	70.	U	72.	U
11141-16-5	Aroclor-1232	41.	U	35.	U	34.	U	36.	U	35.	U	35.	U
12672-29-6	Aroclor-1248	41.	U	35.	U	34.	U	36.	U	35.	U	35.	U
12674-11-2	Aroclor-1016	41.	U	35.	U	34.	U	36.	U	35.	U	35.	U
309-00-2	Aldrin	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U
319-84-6	alpha-BHC	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U
319-85-7	beta-BHC	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U
319-86-8	delta-BHC	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U
33213-65-9	Endosulfan II	4.1	U	3.5	U	3.4	U	3.6	U	3.5	U	3.5	U
50-29-3	4,4'-DDT	4.1	U	3.5	U	3.4	U	3.6	U	3.5	U	3.5	U
5103-71-9	alpha-Chlordane	2.1	U	1.8	U	1.7	U	1.9	U	3.	J	1.8	U
5103-74-2	gamma-Chlordane	0.83	J	1.8	U	1.7	U	1.9	U	4.		1.8	U
53469-21-9	Aroclor-1242	41.	U	35.	U	34.	U	36.	U	35.	U	35.	U
53494-70-5	Endrin ketone	4.1	U	3.5	U	3.4	U	3.6	U	3.5	U	3.5	U
58-89-9	gamma-BHC (Lindane)	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U
60-57-1	Dieldrin	22.		3.5	U	3.4	U	3.6	U	3.4	J	1.8	J
72-20-8	Endrin	4.1	U	3.5	U	3.4	U	3.6	U	3.5	U	3.5	U
72-43-5	Methoxychlor	21.	U	18.	U	17.	U	19.	U	18.	U	18.	U
72-54-8	4,4'-DDD	4.1	U	3.5	U	3.4	U	3.6	U	3.5	U	3.5	U
72-55-9	4,4'-DDE	4.1	U	3.2	J	3.4	U	3.6	U	3.5	U	3.5	U
7421-93-4	Endrin aldehyde	4.1	U	3.5	U	3.4	U	3.6	U	3.5	U	3.5	U
76-44-8	Heptachlor	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U
8001-35-2	Toxaphene	210.	U	180.	U	170.	U	190.	U	180.	U	180.	U
959-98-8	Endosulfan I	2.1	U	1.8	U	1.7	U	1.9	U	1.8	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0020-05		036-S-0020-07		036-S-0022-01		036-S-0022-03		036-S-0023-01		036-S-0023-03	
	ORIGINAL ID ----->	36S2005		36S2007		36S2201		36S2203		36S2301		36S2303	
	LAB SAMPLE ID --->	8852.8		8853.6		9023.9		9024.7		9822.1		9823.0	
	ID FROM REPORT -->	J42804		J42805		J42919		J42920		J51004		J51005	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/28/94		04/28/94		05/09/94		05/09/94	
	DATE EXTRACTED -->	04/28/94		04/28/94		04/29/94		04/29/94		05/10/94		05/10/94	
	DATE ANALYZED --->	05/02/94		05/02/94		05/05/94		05/05/94		05/17/94		05/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
1031-07-8	Endosulfan sulfate	3.5	U	3.5	U	4.	U	4.1	U	3.4	U	3.8	U
11096-82-5	Aroclor-1260	35.	U	35.	U	40.	U	41.	U	34.	U	38.	U
11097-69-1	Aroclor-1254	35.	U	35.	U	40.	U	41.	U	34.	U	38.	U
11104-28-2	Aroclor-1221	71.	U	72.	U	80.	U	83.	U	70.	U	77.	U
11141-16-5	Aroclor-1232	35.	U	35.	U	40.	U	41.	U	34.	U	38.	U
12672-29-6	Aroclor-1248	35.	U	35.	U	40.	U	41.	U	34.	U	38.	U
12674-11-2	Aroclor-1016	35.	U	35.	U	40.	U	41.	U	34.	U	38.	U
309-00-2	Aldrin	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
319-84-6	alpha-BHC	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
319-85-7	beta-BHC	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
319-86-8	delta-BHC	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
33213-65-9	Endosulfan II	3.5	U	3.5	U	4.	U	4.1	U	3.4	U	3.8	U
50-29-3	4,4'-DDT	3.5	U	3.5	U	0.87	J	4.1	U	3.4	U	3.8	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
5103-74-2	gamma-Chlordane	0.96	J	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
53469-21-9	Aroclor-1242	35.	U	35.	U	40.	U	41.	U	34.	U	38.	U
53494-70-5	Endrin ketone	3.5	U	3.5	U	4.	U	4.1	U	3.4	U	3.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
60-57-1	Dieldrin	3.5	U	3.5	U	1.1	J	1.7	J	3.4	U	3.8	U
72-20-8	Endrin	3.5	U	3.5	U	4.	U	4.1	U	3.4	U	3.8	U
72-43-5	Methoxychlor	18.	U	18.	U	20.	U	21.	U	18.	U	19.	U
72-54-8	4,4'-DDD	3.5	U	3.5	U	0.65	J	4.1	U	3.4	U	3.8	U
72-55-9	4,4'-DDE	3.5	U	3.5	U	2.	J	3.7	J	3.4	U	3.8	U
7421-93-4	Endrin aldehyde	3.5	U	3.5	U	4.	U	4.1	U	3.4	U	3.8	U
76-44-8	Heptachlor	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U
8001-35-2	Toxaphene	180.	U	180.	U	200.	U	210.	U	180.	U	190.	U
959-98-8	Endosulfan I	1.8	U	1.8	U	2.	U	2.1	U	1.8	U	1.9	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

PEST									
	SAMPLE ID ------->	036-S-0024-01		036-S-0024-03					
	ORIGINAL ID ----->	36S2401		36S2403					
	LAB SAMPLE ID --->	9824.8		9825.6					
	ID FROM REPORT -->	J51006		J51007					
	SAMPLE DATE ----->	05/09/94		05/09/94					
	DATE EXTRACTED -->	05/10/94		05/10/94					
	DATE ANALYZED --->	05/17/94		05/17/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	CT806	VAL	CT806	VAL				
1024-57-3	Heptachlor epoxide	1.8	U	1.9	U				
1031-07-8	Endosulfan sulfate	3.4	U	3.8	U				
11096-82-5	Aroclor-1260	34.	U	38.	U				
11097-69-1	Aroclor-1254	34.	U	38.	U				
11104-28-2	Aroclor-1221	70.	U	76.	U				
11141-16-5	Aroclor-1232	34.	U	38.	U				
12672-29-6	Aroclor-1248	34.	U	38.	U				
12674-11-2	Aroclor-1016	34.	U	38.	U				
309-00-2	Aldrin	1.8	U	1.9	U				
319-84-6	alpha-BHC	1.8	U	1.9	U				
319-85-7	beta-BHC	1.8	U	1.9	U				
319-86-8	delta-BHC	1.8	U	1.9	U				
33213-65-9	Endosulfan II	3.4	U	3.8	U				
50-29-3	4,4'-DDT	3.4	U	3.8	U				
5103-71-9	alpha-Chlordane	1.8	U	1.9	U				
5103-74-2	gamma-Chlordane	1.8	U	1.9	U				
53469-21-9	Aroclor-1242	34.	U	38.	U				
53494-70-5	Endrin ketone	3.4	U	3.8	U				
58-89-9	gamma-BHC (Lindane)	1.8	U	1.9	U				
60-57-1	Dieldrin	3.4	U	3.8	U				
72-20-8	Endrin	3.4	U	3.8	U				
72-43-5	Methoxychlor	18.	U	19.	U				
72-54-8	4,4'-DDD	3.4	U	3.8	U				
72-55-9	4,4'-DDE	3.4	U	3.8	U				
7421-93-4	Endrin aldehyde	3.4	U	3.8	U				
76-44-8	Heptachlor	1.8	U	1.9	U				
8001-35-2	Toxaphene	180.	U	190.	U				
959-98-8	Endosulfan I	1.8	U	1.9	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA															
	SAMPLE ID ------->	036-S-0002-01		036-S-0002-03		036-S-0002-05		036-S-0004-01		036-S-0004-03		036-S-0005-01	
	ORIGINAL ID ----->	36S0201		36S0203		36S0205		36S0401		36S0403		36S0501	
	LAB SAMPLE ID --->	9495.1		9494.3		9496.0		9490.0		9489.7		9279.7	
	ID FROM REPORT -->	J50515		J50514		J50516		J50510		J50509		J50411	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/05/94		05/04/94		05/04/94		05/03/94	
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/04/94	
	DATE ANALYZED --->	05/13/94		05/13/94		05/13/94		05/13/94		05/13/94		05/12/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL
108-95-2	Phenol	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
95-57-8	2-Chlorophenol	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
541-73-1	1,3-Dichlorobenzene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
106-46-7	1,4-Dichlorobenzene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
95-50-1	1,2-Dichlorobenzene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
67-72-1	Hexachloroethane	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
98-95-3	Nitrobenzene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
78-59-1	Isophorone	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
88-75-5	2-Nitrophenol	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
105-67-9	2,4-Dimethylphenol	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
120-83-2	2,4-Dichlorophenol	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
91-20-3	Naphthalene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
106-47-8	4-Chloroaniline	350.	UJ	340.	UJ	350.	UJ	340.	U	340.	U	340.	U
87-68-3	Hexachlorobutadiene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
91-57-6	2-Methylnaphthalene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	350.	UJ	340.	UJ	350.	UJ	340.	U	340.	U	340.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	840.	U	830.	U	840.	U	820.	U	820.	U	830.	U
91-58-7	2-Chloronaphthalene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
88-74-4	2-Nitroaniline	840.	U	830.	U	840.	U	820.	U	820.	U	830.	U
131-11-3	Dimethyl phthalate	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
208-96-8	Acenaphthylene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
606-20-2	2,6-Dinitrotoluene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
99-09-2	3-Nitroaniline	840.	UJ	830.	UJ	840.	UJ	820.	U	820.	U	830.	U
83-32-9	Acenaphthene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
51-28-5	2,4-Dinitrophenol	840.	UJ	830.	UJ	840.	UJ	820.	U	820.	U	830.	U
100-02-7	4-Nitrophenol	840.	U	830.	U	840.	U	820.	U	820.	U	830.	U
132-64-9	Dibenzofuran	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0002-01		036-S-0002-03		036-S-0002-05		036-S-0004-01		036-S-0004-03		036-S-0005-01	
	ORIGINAL ID ----->	36S0201		36S0203		36S0205		36S0401		36S0403		36S0501	
	LAB SAMPLE ID --->	9495.1		9494.3		9496.0		9490.0		9489.7		9279.7	
	ID FROM REPORT -->	J50515		J50514		J50516		J50510		J50509		J50411	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/05/94		05/04/94		05/04/94		05/03/94	
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/04/94	
	DATE ANALYZED --->	05/13/94		05/13/94		05/13/94		05/13/94		05/13/94		05/12/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL
121-14-2	2,4-Dinitrotoluene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
84-66-2	Diethylphthalate	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
86-73-7	Fluorene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
100-01-6	4-Nitroaniline	840.	U	830.	U	840.	U	820.	U	820.	U	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	840.	U	830.	U	840.	U	820.	U	820.	U	830.	UJ
86-30-6	N-Nitrosodiphenylamine	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
118-74-1	Hexachlorobenzene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
87-86-5	Pentachlorophenol	840.	UJ	830.	UJ	840.	UJ	820.	U	820.	U	830.	U
85-01-8	Phenanthrene	57.	J	340.	U	350.	U	340.	U	340.	U	340.	U
120-12-7	Anthracene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
86-74-8	Carbazole	350.	UJ	340.	UJ	350.	UJ	340.	U	340.	U	340.	U
84-74-2	Di-n-butylphthalate	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
206-44-0	Fluoranthene	120.	J	340.	U	39.	J	340.	U	77.	J	340.	U
129-00-0	Pyrene	100.	J	340.	U	36.	J	340.	U	87.	J	340.	U
85-68-7	Butylbenzylphthalate	62.	J	340.	U	230.	J	340.	U	340.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
56-55-3	Benzo(a)anthracene	54.	J	340.	U	350.	U	340.	U	54.	J	340.	U
218-01-9	Chrysene	66.	J	340.	U	350.	U	340.	U	53.	J	340.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.		68.	J	470.		340.	U	340.	U	77.	J
117-84-0	Di-n-octyl phthalate	350.	U	340.	U	350.	U	340.	UJ	340.	UJ	340.	UJ
205-99-2	Benzo(b)fluoranthene	150.	J	340.	U	42.	J	340.	U	78.	J	340.	U
207-08-9	Benzo(k)fluoranthene	350.	U	340.	U	350.	U	340.	U	34.	J	340.	U
50-32-8	Benzo(a)pyrene	57.	J	340.	U	350.	U	340.	U	44.	J	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U	340.	U	350.	U	340.	U	340.	U	340.	U
53-70-3	Dibenz(a,h)anthracene	350.	U	340.	U	350.	U	340.	UJ	340.	UJ	340.	U
191-24-2	Benzo(g,h,i)perylene	350.	UJ	340.	UJ	350.	UJ	340.	U	340.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA																	
	SAMPLE ID ------->	036-S-0005-02 RE		036-S-0008-01		036-S-0008-03		036-S-0009-01		036-S-0009-03		036-S-0009-05	
	ORIGINAL ID ----->	36S0502RE		36S0801		36S0803		36S0901		36S0903		36S0905	
	LAB SAMPLE ID --->	9281.9RE		9219.3		9220.7		9215.0		9216.9		9217.7	
	ID FROM REPORT -->	J50413RE		J50313		J50314		J50309		J50310		J50311	
	SAMPLE DATE ----->			05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE EXTRACTED -->	05/04/94		05/03/94		05/03/94		05/03/94		05/03/94		05/03/94	
	DATE ANALYZED --->	05/13/94		05/10/94		05/10/94		05/10/94		05/10/94		05/10/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
108-95-2	Phenol	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
95-57-8	2-Chlorophenol	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
541-73-1	1,3-Dichlorobenzene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
106-46-7	1,4-Dichlorobenzene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
95-50-1	1,2-Dichlorobenzene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
67-72-1	Hexachloroethane	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
98-95-3	Nitrobenzene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
78-59-1	Isophorone	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
88-75-5	2-Nitrophenol	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
105-67-9	2,4-Dimethylphenol	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
111-91-1	bis(2-Chloroethoxy)methane	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
120-83-2	2,4-Dichlorophenol	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
91-20-3	Naphthalene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
106-47-8	4-Chloroaniline	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
87-68-3	Hexachlorobutadiene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
59-50-7	4-Chloro-3-methylphenol	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
91-57-6	2-Methylnaphthalene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
77-47-4	Hexachlorocyclopentadiene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
88-06-2	2,4,6-Trichlorophenol	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
95-95-4	2,4,5-Trichlorophenol	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
91-58-7	2-Chloronaphthalene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
88-74-4	2-Nitroaniline	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
131-11-3	Dimethyl phthalate	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
208-96-8	Acenaphthylene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
606-20-2	2,6-Dinitrotoluene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
99-09-2	3-Nitroaniline	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
83-32-9	Acenaphthene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
51-28-5	2,4-Dinitrophenol	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
100-02-7	4-Nitrophenol	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
132-64-9	Dibenzofuran	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0005-02 RE		036-S-0008-01		036-S-0008-03		036-S-0009-01		036-S-0009-03		036-S-0009-05	
	ORIGINAL ID ----->	36S0502RE		36S0801		36S0803		36S0901		36S0903		36S0905	
	LAB SAMPLE ID --->	9281.9RE		9219.3		9220.7		9215.0		9216.9		9217.7	
	ID FROM REPORT -->	J50413RE		J50313		J50314		J50309		J50310		J50311	
	SAMPLE DATE ----->			05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE EXTRACTED -->	05/04/94		05/03/94		05/03/94		05/03/94		05/03/94		05/03/94	
	DATE ANALYZED --->	05/13/94		05/10/94		05/10/94		05/10/94		05/10/94		05/10/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
121-14-2	2,4-Dinitrotoluene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
84-66-2	Diethylphthalate	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
86-73-7	Fluorene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
100-01-6	4-Nitroaniline	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
86-30-6	N-Nitrosodiphenylamine	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
101-55-3	4-Bromophenyl-phenylether	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
118-74-1	Hexachlorobenzene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
87-86-5	Pentachlorophenol	910.	U	840.	U	850.	U	830.	U	840.	U	840.	U
85-01-8	Phenanthrene	50.	J	37.	J	350.	U	39.	J	350.	U	350.	U
120-12-7	Anthracene	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
86-74-8	Carbazole	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
84-74-2	Di-n-butylphthalate	370.	U	79.	J	88.	J	44.	J	35.	J	43.	J
206-44-0	Fluoranthene	130.	J	120.	J	350.	U	91.	J	350.	U	350.	U
129-00-0	Pyrene	120.	J	98.	J	350.	U	87.	J	36.	J	350.	U
85-68-7	Butylbenzylphthalate	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
91-94-1	3,3'-Dichlorobenzidine	370.	U	350.	U	350.	U	340.	U	350.	U	350.	U
56-55-3	Benzo(a)anthracene	61.	J	67.	J	350.	U	57.	J	350.	U	350.	U
218-01-9	Chrysene	68.	J	62.	J	350.	U	59.	J	350.	U	350.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	92.	J	120.	J	64.	J	56.	J	350.	U	350.	U
117-84-0	Di-n-octyl phthalate	370.	UJ	350.	U	350.	U	340.	U	350.	UJ	350.	U
205-99-2	Benzo(b)fluoranthene	160.	J	93.	J	30.	J	93.	J	39.	J	44.	J
207-08-9	Benzo(k)fluoranthene	44.	J	46.	J	18.	J	340.	U	350.	UJ	350.	U
50-32-8	Benzo(a)pyrene	71.	J	70.	J	350.	U	57.	J	350.	UJ	350.	U
193-39-5	Indeno(1,2,3-cd)pyrene	370.	UJ	38.	J	350.	U	42.	J	350.	UJ	350.	U
53-70-3	Dibenz(a,h)anthracene	370.	UJ	350.	U	350.	U	340.	U	350.	UJ	350.	U
191-24-2	Benzo(g,h,i)perylene	370.	UJ	350.	U	350.	U	340.	U	350.	UJ	350.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0009-07		036-S-0010-01		036-S-0010-03		036-S-0010-05		036-S-0013-01		036-S-0013-03	
	ORIGINAL ID ----->	36S0907		36S1001		36S1003		36S1005		36S1301		36S1303	
	LAB SAMPLE ID --->	9218.5		9097.2		9098.0		9100.6		9819.1		9820.5	
	ID FROM REPORT -->	J50312		J43008		J43009		J43011		J51001		J51002	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		05/09/94		05/09/94	
	DATE EXTRACTED -->	05/03/94		04/30/94		04/30/94		04/30/94		05/10/94		05/10/94	
	DATE ANALYZED --->	05/10/94		05/09/94		05/09/94		05/09/94		05/17/94		05/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
108-95-2	Phenol	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
95-57-8	2-Chlorophenol	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
541-73-1	1,3-Dichlorobenzene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
106-46-7	1,4-Dichlorobenzene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
95-50-1	1,2-Dichlorobenzene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
67-72-1	Hexachloroethane	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
98-95-3	Nitrobenzene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
78-59-1	Isophorone	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
88-75-5	2-Nitrophenol	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
105-67-9	2,4-Dimethylphenol	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
120-83-2	2,4-Dichlorophenol	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
91-20-3	Naphthalene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
106-47-8	4-Chloroaniline	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
87-68-3	Hexachlorobutadiene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
91-57-6	2-Methylnaphthalene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	420.	U	400.	U	340.	U	430.	U	340.	UR	340.	UR
88-06-2	2,4,6-Trichlorophenol	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	960.	U	820.	U	1000.	U	830.	U	830.	U
91-58-7	2-Chloronaphthalene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
88-74-4	2-Nitroaniline	1000.	U	960.	U	820.	U	1000.	U	830.	U	830.	U
131-11-3	Dimethyl phthalate	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
208-96-8	Acenaphthylene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
606-20-2	2,6-Dinitrotoluene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
99-09-2	3-Nitroaniline	1000.	U	960.	U	820.	U	1000.	U	830.	UJ	830.	UJ
83-32-9	Acenaphthene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
51-28-5	2,4-Dinitrophenol	1000.	U	960.	U	820.	U	1000.	U	830.	U	830.	U
100-02-7	4-Nitrophenol	1000.	U	960.	U	820.	U	1000.	U	830.	U	830.	U
132-64-9	Dibenzofuran	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0009-07		036-S-0010-01		036-S-0010-03		036-S-0010-05		036-S-0013-01		036-S-0013-03	
	ORIGINAL ID ----->	36S0907		36S1001		36S1003		36S1005		36S1301		36S1303	
	LAB SAMPLE ID --->	9218.5		9097.2		9098.0		9100.6		9819.1		9820.5	
	ID FROM REPORT -->	J50312		J43008		J43009		J43011		J51001		J51002	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		05/09/94		05/09/94	
	DATE EXTRACTED -->	05/03/94		04/30/94		04/30/94		04/30/94		05/10/94		05/10/94	
	DATE ANALYZED --->	05/10/94		05/09/94		05/09/94		05/09/94		05/17/94		05/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
121-14-2	2,4-Dinitrotoluene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
84-66-2	Diethylphthalate	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
86-73-7	Fluorene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
100-01-6	4-Nitroaniline	1000.	U	960.	U	820.	U	1000.	U	830.	U	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	960.	U	820.	U	1000.	U	830.	U	830.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
118-74-1	Hexachlorobenzene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
87-86-5	Pentachlorophenol	1000.	U	960.	U	820.	U	1000.	U	830.	UJ	830.	UJ
85-01-8	Phenanthrene	420.	U	400.	U	340.	U	93.	J	340.	U	340.	U
120-12-7	Anthracene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
86-74-8	Carbazole	420.	U	400.	U	340.	U	430.	U	340.	UJ	340.	UJ
84-74-2	Di-n-butylphthalate	140.	J	400.	U	340.	U	430.	U	340.	U	340.	U
206-44-0	Fluoranthene	420.	U	48.	J	61.	J	130.	J	340.	U	340.	U
129-00-0	Pyrene	420.	U	51.	J	66.	J	100.	J	340.	U	340.	U
85-68-7	Butylbenzylphthalate	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	420.	U	400.	U	340.	U	430.	U	340.	UJ	340.	UJ
56-55-3	Benzo(a)anthracene	420.	U	400.	U	37.	J	66.	J	340.	U	340.	U
218-01-9	Chrysene	420.	U	400.	U	44.	J	72.	J	340.	U	340.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	94.	J	66.	U	340.	U	110.	U	340.	U	340.	U
117-84-0	Di-n-octyl phthalate	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
205-99-2	Benzo(b)fluoranthene	420.	U	80.	J	110.	J	170.	J	340.	U	340.	U
207-08-9	Benzo(k)fluoranthene	420.	U	400.	U	340.	U	430.	U	340.	U	340.	U
50-32-8	Benzo(a)pyrene	420.	U	400.	U	53.	J	60.	J	340.	U	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	420.	U	400.	U	340.	U	46.	J	340.	U	340.	U
53-70-3	Dibenz(a,h)anthracene	420.	U	400.	U	340.	U	430.	U	340.	UJ	340.	UJ
191-24-2	Benzo(g,h,i)perylene	420.	U	400.	U	340.	U	430.	U	340.	UJ	340.	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA															
	SAMPLE ID ------->	036-S-0013-05		036-S-0014-01		036-S-0014-03		036-S-0014-05		036-S-0015-01		036-S-0015-03	
	ORIGINAL ID ----->	36S1305		36S1401		36S1403		36S1405		36S1501		36S1503	
	LAB SAMPLE ID --->	9821.3		9094.8		9095.6		9096.4		9015.8		9017.4	
	ID FROM REPORT -->	J51003		J43005		J43006		J43007		J42911		J42913	
	SAMPLE DATE ----->	05/09/94		04/29/94		04/29/94		04/29/94		04/28/94		04/28/94	
	DATE EXTRACTED -->	05/10/94		04/30/94		04/30/94		04/30/94		04/29/94		04/29/94	
	DATE ANALYZED --->	05/17/94		05/05/94		05/09/94		05/09/94		05/04/94		05/05/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT806	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
108-95-2	Phenol	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
111-44-4	bis(2-Chloroethyl)ether	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
95-57-8	2-Chlorophenol	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
541-73-1	1,3-Dichlorobenzene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
106-46-7	1,4-Dichlorobenzene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
95-50-1	1,2-Dichlorobenzene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
95-48-7	2-Methylphenol (o-Cresol)	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
106-44-5	4-Methylphenol (p-Cresol)	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
67-72-1	Hexachloroethane	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
98-95-3	Nitrobenzene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
78-59-1	Isophorone	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
88-75-5	2-Nitrophenol	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
105-67-9	2,4-Dimethylphenol	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
111-91-1	bis(2-Chloroethoxy)methane	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
120-83-2	2,4-Dichlorophenol	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
91-20-3	Naphthalene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
106-47-8	4-Chloroaniline	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
87-68-3	Hexachlorobutadiene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
59-50-7	4-Chloro-3-methylphenol	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
91-57-6	2-Methylnaphthalene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
77-47-4	Hexachlorocyclopentadiene	360.	UR	350.	U	340.	U	350.	U	380.	U	360.	U
88-06-2	2,4,6-Trichlorophenol	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
95-95-4	2,4,5-Trichlorophenol	870.	U	860.	U	820.	U	840.	U	910.	U	880.	U
91-58-7	2-Chloronaphthalene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
88-74-4	2-Nitroaniline	870.	U	860.	U	820.	U	840.	U	910.	U	880.	U
131-11-3	Dimethyl phthalate	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
208-96-8	Acenaphthylene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
606-20-2	2,6-Dinitrotoluene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
99-09-2	3-Nitroaniline	870.	UJ	860.	U	820.	U	840.	U	910.	U	880.	U
83-32-9	Acenaphthene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
51-28-5	2,4-Dinitrophenol	870.	U	860.	U	820.	U	840.	U	910.	U	880.	U
100-02-7	4-Nitrophenol	870.	U	860.	U	820.	U	840.	U	910.	U	880.	U
132-64-9	Dibenzofuran	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA															
	SAMPLE ID ------->	036-S-0013-05		036-S-0014-01		036-S-0014-03		036-S-0014-05		036-S-0015-01		036-S-0015-03	
	ORIGINAL ID ----->	36S1305		36S1401		36S1403		36S1405		36S1501		36S1503	
	LAB SAMPLE ID --->	9821.3		9094.8		9095.6		9096.4		9015.8		9017.4	
	ID FROM REPORT -->	J51003		J43005		J43006		J43007		J42911		J42913	
	SAMPLE DATE ----->	05/09/94		04/29/94		04/29/94		04/29/94		04/28/94		04/28/94	
	DATE EXTRACTED -->	05/10/94		04/30/94		04/30/94		04/30/94		04/29/94		04/29/94	
	DATE ANALYZED --->	05/17/94		05/05/94		05/09/94		05/09/94		05/04/94		05/05/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT806	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
121-14-2	2,4-Dinitrotoluene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
84-66-2	Diethylphthalate	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
86-73-7	Fluorene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
100-01-6	4-Nitroaniline	870.	U	860.	U	820.	U	840.	U	910.	U	880.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	870.	U	860.	U	820.	U	840.	U	910.	U	880.	U
86-30-6	N-Nitrosodiphenylamine	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
101-55-3	4-Bromophenyl-phenylether	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
118-74-1	Hexachlorobenzene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
87-86-5	Pentachlorophenol	870.	UJ	860.	U	820.	U	840.	U	910.	U	880.	U
85-01-8	Phenanthrene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
120-12-7	Anthracene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
86-74-8	Carbazole	360.	UJ	350.	U	340.	U	350.	U	380.	U	360.	U
84-74-2	Di-n-butylphthalate	360.	U	350.	U	35.	U	350.	U	62.	U	72.	U
206-44-0	Fluoranthene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
129-00-0	Pyrene	360.	U	350.	U	340.	U	350.	U	380.	U	39.	J
85-68-7	Butylbenzylphthalate	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
91-94-1	3,3'-Dichlorobenzidine	360.	UJ	350.	U	340.	U	350.	U	380.	U	360.	U
56-55-3	Benzo(a)anthracene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
218-01-9	Chrysene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	53.	U	56.	U	37.	U	58.	U	58.	U
117-84-0	Di-n-octyl phthalate	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
205-99-2	Benzo(b)fluoranthene	360.	U	350.	U	340.	U	350.	U	380.	U	47.	J
207-08-9	Benzo(k)fluoranthene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
50-32-8	Benzo(a)pyrene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U	350.	U	340.	U	350.	U	380.	U	360.	U
53-70-3	Dibenz(a,h)anthracene	360.	UJ	350.	U	340.	U	350.	U	380.	U	360.	U
191-24-2	Benzo(g,h,i)perylene	360.	UJ	350.	U	340.	U	350.	U	380.	U	360.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0015-05		036-S-0017-01		036-S-0017-03		036-S-0017-05		036-S-0018-01		036-S-0018-03	
	ORIGINAL ID ----->	36S1505		36S1701		36S1703		36S1705		36S1801		36S1803	
	LAB SAMPLE ID --->	9018.2		8860.9		8862.5		8863.3		8857.9		8858.7	
	ID FROM REPORT -->	J42914		J42812		J42814		J42815		J42809		J42810	
	SAMPLE DATE ----->	04/28/94		04/27/94		04/27/94		04/27/94		04/27/94		04/27/94	
	DATE EXTRACTED -->	04/29/94		04/28/94		04/28/94		04/28/94		04/28/94		04/28/94	
	DATE ANALYZED --->	05/05/94		05/04/94		05/04/94		05/04/94		05/04/94		05/04/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT802	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
108-95-2	Phenol	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
95-57-8	2-Chlorophenol	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
541-73-1	1,3-Dichlorobenzene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
106-46-7	1,4-Dichlorobenzene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
95-50-1	1,2-Dichlorobenzene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
67-72-1	Hexachloroethane	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
98-95-3	Nitrobenzene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
78-59-1	Isophorone	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
88-75-5	2-Nitrophenol	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
105-67-9	2,4-Dimethylphenol	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
120-83-2	2,4-Dichlorophenol	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
91-20-3	Naphthalene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
106-47-8	4-Chloroaniline	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
87-68-3	Hexachlorobutadiene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
91-57-6	2-Methylnaphthalene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
95-95-4	2,4,5-Trichlorophenol	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
91-58-7	2-Chloronaphthalene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
88-74-4	2-Nitroaniline	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
131-11-3	Dimethyl phthalate	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
208-96-8	Acenaphthylene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
606-20-2	2,6-Dinitrotoluene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
99-09-2	3-Nitroaniline	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
83-32-9	Acenaphthene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
51-28-5	2,4-Dinitrophenol	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
100-02-7	4-Nitrophenol	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
132-64-9	Dibenzofuran	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0015-05		036-S-0017-01		036-S-0017-03		036-S-0017-05		036-S-0018-01		036-S-0018-03	
	ORIGINAL ID ----->	36S1505		36S1701		36S1703		36S1705		36S1801		36S1803	
	LAB SAMPLE ID --->	9018.2		8860.9		8862.5		8863.3		8857.9		8858.7	
	ID FROM REPORT -->	J42914		J42812		J42814		J42815		J42809		J42810	
	SAMPLE DATE ----->	04/28/94		04/27/94		04/27/94		04/27/94		04/27/94		04/27/94	
	DATE EXTRACTED -->	04/29/94		04/28/94		04/28/94		04/28/94		04/28/94		04/28/94	
	DATE ANALYZED --->	05/05/94		05/04/94		05/04/94		05/04/94		05/04/94		05/04/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT802	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
121-14-2	2,4-Dinitrotoluene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
84-66-2	Diethylphthalate	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
86-73-7	Fluorene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
100-01-6	4-Nitroaniline	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
118-74-1	Hexachlorobenzene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
87-86-5	Pentachlorophenol	840.	U	836.	U	997.	U	1000.	U	825.	U	997.	U
85-01-8	Phenanthrene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
120-12-7	Anthracene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
86-74-8	Carbazole	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
84-74-2	Di-n-butylphthalate	64.	U	345.	U	43.	U	47.	U	55.	U	59.	U
206-44-0	Fluoranthene	350.	U	62.	J	411.	U	412.	U	340.	U	411.	U
129-00-0	Pyrene	350.	U	72.	J	48.	J	412.	U	340.	U	411.	U
85-68-7	Butylbenzylphthalate	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
56-55-3	Benzo(a)anthracene	350.	U	44.	J	411.	U	412.	U	340.	U	411.	U
218-01-9	Chrysene	350.	U	49.	J	411.	U	412.	U	340.	U	411.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	55.	U	51.	U	45.	U	62.	U	81.	U	70.	U
117-84-0	Di-n-octyl phthalate	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
205-99-2	Benzo(b)fluoranthene	350.	U	124.	J	62.	J	412.	U	44.	J	411.	U
207-08-9	Benzo(k)fluoranthene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
50-32-8	Benzo(a)pyrene	350.	U	57.	J	411.	U	412.	U	340.	U	411.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
53-70-3	Dibenz(a,h)anthracene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U
191-24-2	Benzo(g,h,i)perylene	350.	U	345.	U	411.	U	412.	U	340.	U	411.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0018-05		036-S-0019-01		036-S-0019-03		036-S-0019-04		036-S-0020-01		036-S-0020-03	
	ORIGINAL ID ----->	36S1805		36S1901		36S1903		36S1904		36S2001		36S2003	
	LAB SAMPLE ID --->	8859.5		8854.4		8855.2		8856.0		8849.8		8851.0	
	ID FROM REPORT -->	J42811		J42806		J42807		J42808		J42801		J42803	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/27/94		04/27/94		04/26/94		04/27/94	
	DATE EXTRACTED -->	04/28/94		04/28/94		04/28/94		04/28/94		04/28/94		04/28/94	
	DATE ANALYZED --->	05/04/94		05/04/94		05/04/94		05/04/94		05/03/94		05/04/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
108-95-2	Phenol	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
111-44-4	bis(2-Chloroethyl)ether	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
95-57-8	2-Chlorophenol	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
541-73-1	1,3-Dichlorobenzene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
106-46-7	1,4-Dichlorobenzene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
95-50-1	1,2-Dichlorobenzene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
95-48-7	2-Methylphenol (o-Cresol)	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
106-44-5	4-Methylphenol (p-Cresol)	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
621-64-7	N-Nitroso-di-n-propylamine	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
67-72-1	Hexachloroethane	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
98-95-3	Nitrobenzene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
78-59-1	Isophorone	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
88-75-5	2-Nitrophenol	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
105-67-9	2,4-Dimethylphenol	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
111-91-1	bis(2-Chloroethoxy)methane	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
120-83-2	2,4-Dichlorophenol	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
120-82-1	1,2,4-Trichlorobenzene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
91-20-3	Naphthalene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
106-47-8	4-Chloroaniline	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
87-68-3	Hexachlorobutadiene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
59-50-7	4-Chloro-3-methylphenol	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
91-57-6	2-Methylnaphthalene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
77-47-4	Hexachlorocyclopentadiene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
88-06-2	2,4,6-Trichlorophenol	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
95-95-4	2,4,5-Trichlorophenol	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
91-58-7	2-Chloronaphthalene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
88-74-4	2-Nitroaniline	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
131-11-3	Dimethyl phthalate	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
208-96-8	Acenaphthylene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
606-20-2	2,6-Dinitrotoluene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
99-09-2	3-Nitroaniline	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
83-32-9	Acenaphthene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
51-28-5	2,4-Dinitrophenol	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
100-02-7	4-Nitrophenol	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
132-64-9	Dibenzofuran	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA															
	SAMPLE ID ------->	036-S-0018-05		036-S-0019-01		036-S-0019-03		036-S-0019-04		036-S-0020-01		036-S-0020-03	
	ORIGINAL ID ----->	36S1805		36S1901		36S1903		36S1904		36S2001		36S2003	
	LAB SAMPLE ID --->	8859.5		8854.4		8855.2		8856.0		8849.8		8851.0	
	ID FROM REPORT -->	J42811		J42806		J42807		J42808		J42801		J42803	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/27/94		04/27/94		04/26/94		04/27/94	
	DATE EXTRACTED -->	04/28/94		04/28/94		04/28/94		04/28/94		04/28/94		04/28/94	
	DATE ANALYZED --->	05/04/94		05/04/94		05/04/94		05/04/94		05/03/94		05/04/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
121-14-2	2,4-Dinitrotoluene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
84-66-2	Diethylphthalate	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
7005-72-3	4-Chlorophenylphenylether	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
86-73-7	Fluorene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
100-01-6	4-Nitroaniline	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
86-30-6	N-Nitrosodiphenylamine	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
101-55-3	4-Bromophenyl-phenylether	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
118-74-1	Hexachlorobenzene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
87-86-5	Pentachlorophenol	988.	U	851.	U	828.	U	867.	U	842.	U	860.	U
85-01-8	Phenanthrene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
120-12-7	Anthracene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
86-74-8	Carbazole	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
84-74-2	Di-n-butylphthalate	407.	U	351.	U	341.	U	358.	U	36.	U	355.	U
206-44-0	Fluoranthene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
129-00-0	Pyrene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
85-68-7	Butylbenzylphthalate	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
91-94-1	3,3'-Dichlorobenzidine	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
56-55-3	Benzo(a)anthracene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
218-01-9	Chrysene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	46.	U	351.	U	341.	U	358.	U	347.	U	355.	U
117-84-0	Di-n-octyl phthalate	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
205-99-2	Benzo(b)fluoranthene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
207-08-9	Benzo(k)fluoranthene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
50-32-8	Benzo(a)pyrene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
193-39-5	Indeno(1,2,3-cd)pyrene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
53-70-3	Dibenz(a,h)anthracene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U
191-24-2	Benzo(g,h,i)perylene	407.	U	351.	U	341.	U	358.	U	347.	U	355.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0020-05		036-S-0020-07		036-S-0022-01		036-S-0022-03		036-S-0023-01		036-S-0023-03 RE	
	ORIGINAL ID ----->	36S2005		36S2007		36S2201		36S2203		36S2301		36S2303RE	
	LAB SAMPLE ID --->	8852.8		8853.6		9023.9		9024.7		9822.1		9823.0RE	
	ID FROM REPORT -->	J42804		J42805		J42919		J42920		J51004		J51005RE	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/28/94		04/28/94		05/09/94		05/09/94	
	DATE EXTRACTED -->	04/28/94		04/28/94		04/29/94		04/29/94		05/10/94		05/10/94	
	DATE ANALYZED --->	05/04/94		05/04/94		05/05/94		05/05/94		05/17/94		05/18/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
108-95-2	Phenol	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
111-44-4	bis(2-Chloroethyl)ether	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
95-57-8	2-Chlorophenol	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
541-73-1	1,3-Dichlorobenzene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
106-46-7	1,4-Dichlorobenzene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
95-50-1	1,2-Dichlorobenzene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
106-44-5	4-Methylphenol (p-Cresol)	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
67-72-1	Hexachloroethane	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
98-95-3	Nitrobenzene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
78-59-1	Isophorone	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
88-75-5	2-Nitrophenol	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
105-67-9	2,4-Dimethylphenol	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
111-91-1	bis(2-Chloroethoxy)methane	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
120-83-2	2,4-Dichlorophenol	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
91-20-3	Naphthalene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
106-47-8	4-Chloroaniline	346.	U	354.	U	400.	U	410.	U	340.	U	380.	UJ
87-68-3	Hexachlorobutadiene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
91-57-6	2-Methylnaphthalene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	346.	U	354.	U	400.	U	410.	U	340.	UR	380.	UJ
88-06-2	2,4,6-Trichlorophenol	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	839.	U	857.	U	960.	U	990.	U	830.	U	920.	U
91-58-7	2-Chloronaphthalene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
88-74-4	2-Nitroaniline	839.	U	857.	U	960.	U	990.	U	830.	U	920.	U
131-11-3	Dimethyl phthalate	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
208-96-8	Acenaphthylene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
606-20-2	2,6-Dinitrotoluene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
99-09-2	3-Nitroaniline	839.	U	857.	U	960.	U	990.	U	830.	UJ	920.	UJ
83-32-9	Acenaphthene	346.	U	354.	U	400.	U	110.	J	340.	U	380.	U
51-28-5	2,4-Dinitrophenol	839.	U	857.	U	960.	U	990.	U	830.	U	920.	UJ
100-02-7	4-Nitrophenol	839.	U	857.	U	960.	U	990.	U	830.	U	920.	U
132-64-9	Dibenzofuran	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0020-05		036-S-0020-07		036-S-0022-01		036-S-0022-03		036-S-0023-01		036-S-0023-03 RE	
	ORIGINAL ID ----->	36S2005		36S2007		36S2201		36S2203		36S2301		36S2303RE	
	LAB SAMPLE ID --->	8852.8		8853.6		9023.9		9024.7		9822.1		9823.0RE	
	ID FROM REPORT -->	J42804		J42805		J42919		J42920		J51004		J51005RE	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/28/94		04/28/94		05/09/94		05/09/94	
	DATE EXTRACTED -->	04/28/94		04/28/94		04/29/94		04/29/94		05/10/94		05/10/94	
	DATE ANALYZED --->	05/04/94		05/04/94		05/05/94		05/05/94		05/17/94		05/18/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
121-14-2	2,4-Dinitrotoluene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
84-66-2	Diethylphthalate	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
86-73-7	Fluorene	346.	U	354.	U	400.	U	46.	J	340.	U	380.	U
100-01-6	4-Nitroaniline	839.	U	857.	U	960.	U	990.	U	830.	U	920.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	839.	U	857.	U	960.	U	990.	U	830.	U	920.	U
86-30-6	N-Nitrosodiphenylamine	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
118-74-1	Hexachlorobenzene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
87-86-5	Pentachlorophenol	839.	U	857.	U	960.	U	990.	U	830.	UJ	920.	UJ
85-01-8	Phenanthrene	346.	U	354.	U	400.	U	120.	J	340.	U	380.	U
120-12-7	Anthracene	346.	U	354.	U	400.	U	140.	J	340.	U	380.	U
86-74-8	Carbazole	346.	U	354.	U	400.	U	410.	U	340.	UJ	380.	UJ
84-74-2	Di-n-butylphthalate	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
206-44-0	Fluoranthene	346.	U	354.	U	400.	U	75.	J	340.	U	380.	U
129-00-0	Pyrene	346.	U	354.	U	400.	U	63.	J	340.	U	380.	U
85-68-7	Butylbenzylphthalate	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	346.	U	354.	U	400.	U	410.	U	340.	UJ	380.	U
56-55-3	Benzo(a)anthracene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
218-01-9	Chrysene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	346.	U	354.	U	97.	U	85.	U	340.	U	380.	U
117-84-0	Di-n-octyl phthalate	346.	U	354.	U	400.	U	410.	U	340.	U	380.	UR
205-99-2	Benzo(b)fluoranthene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	UR
207-08-9	Benzo(k)fluoranthene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	UR
50-32-8	Benzo(a)pyrene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	UR
193-39-5	Indeno(1,2,3-cd)pyrene	346.	U	354.	U	400.	U	410.	U	340.	U	380.	UR
53-70-3	Dibenz(a,h)anthracene	346.	U	354.	U	400.	U	410.	U	340.	UJ	380.	UR
191-24-2	Benzo(g,h,i)perylene	346.	U	354.	U	400.	U	410.	U	340.	UJ	380.	UR

*** Validation Complete ***

SVOA									
	SAMPLE ID ------->	036-S-0024-01		036-S-0024-03 RE					
	ORIGINAL ID ----->	36S2401		36S2403RE					
	LAB SAMPLE ID --->	9824.8		9825.6RE					
	ID FROM REPORT -->	J51006		J51007RE					
	SAMPLE DATE ----->	05/09/94		05/09/94					
	DATE EXTRACTED -->	05/10/94		05/10/94					
	DATE ANALYZED --->	05/18/94		05/18/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	ug/Kg		ug/Kg					
CAS #	Parameter	CT806	VAL	CT806	VAL				
108-95-2	Phenol	340.	U	380.	U				
111-44-4	bis(2-Chloroethyl)ether	340.	U	380.	U				
95-57-8	2-Chlorophenol	340.	U	380.	U				
541-73-1	1,3-Dichlorobenzene	340.	U	380.	U				
106-46-7	1,4-Dichlorobenzene	340.	U	380.	U				
95-50-1	1,2-Dichlorobenzene	340.	U	380.	U				
95-48-7	2-Methylphenol (o-Cresol)	340.	U	380.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U	380.	U				
106-44-5	4-Methylphenol (p-Cresol)	340.	U	380.	U				
621-64-7	N-Nitroso-di-n-propylamine	340.	U	380.	U				
67-72-1	Hexachloroethane	340.	U	380.	U				
98-95-3	Nitrobenzene	340.	U	380.	U				
78-59-1	Isophorone	340.	U	380.	U				
88-75-5	2-Nitrophenol	340.	U	380.	U				
105-67-9	2,4-Dimethylphenol	340.	U	380.	U				
111-91-1	bis(2-Chloroethoxy)methane	340.	U	380.	U				
120-83-2	2,4-Dichlorophenol	340.	U	380.	U				
120-82-1	1,2,4-Trichlorobenzene	340.	U	380.	U				
91-20-3	Naphthalene	340.	U	380.	U				
106-47-8	4-Chloroaniline	340.	UJ	380.	UJ				
87-68-3	Hexachlorobutadiene	340.	U	380.	U				
59-50-7	4-Chloro-3-methylphenol	340.	U	380.	U				
91-57-6	2-Methylnaphthalene	340.	U	380.	U				
77-47-4	Hexachlorocyclopentadiene	340.	UJ	380.	UJ				
88-06-2	2,4,6-Trichlorophenol	340.	U	380.	U				
95-95-4	2,4,5-Trichlorophenol	830.	U	910.	U				
91-58-7	2-Chloronaphthalene	340.	U	380.	U				
88-74-4	2-Nitroaniline	830.	U	910.	U				
131-11-3	Dimethyl phthalate	340.	U	380.	U				
208-96-8	Acenaphthylene	340.	U	380.	U				
606-20-2	2,6-Dinitrotoluene	340.	U	380.	U				
99-09-2	3-Nitroaniline	830.	UJ	910.	UJ				
83-32-9	Acenaphthene	340.	U	380.	U				
51-28-5	2,4-Dinitrophenol	830.	UJ	910.	UJ				
100-02-7	4-Nitrophenol	830.	U	910.	U				
132-64-9	Dibenzofuran	340.	U	380.	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

SVOA								
	SAMPLE ID ------->	036-S-0024-01		036-S-0024-03 RE				
	ORIGINAL ID ----->	36S2401		36S2403RE				
	LAB SAMPLE ID --->	9824.8		9825.6RE				
	ID FROM REPORT -->	J51006		J51007RE				
	SAMPLE DATE ----->	05/09/94		05/09/94				
	DATE EXTRACTED -->	05/10/94		05/10/94				
	DATE ANALYZED --->	05/18/94		05/18/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	ug/Kg		ug/Kg				
CAS #	Parameter	CT806	VAL	CT806	VAL			
121-14-2	2,4-Dinitrotoluene	340.	U	380.	U			
84-66-2	Diethylphthalate	340.	U	380.	U			
7005-72-3	4-Chlorophenylphenylether	340.	U	380.	U			
86-73-7	Fluorene	340.	U	380.	U			
100-01-6	4-Nitroaniline	830.	U	910.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U	910.	U			
86-30-6	N-Nitrosodiphenylamine	340.	U	380.	U			
101-55-3	4-Bromophenyl-phenylether	340.	U	380.	U			
118-74-1	Hexachlorobenzene	340.	U	380.	U			
87-86-5	Pentachlorophenol	830.	UJ	910.	UJ			
85-01-8	Phenanthrene	340.	U	380.	U			
120-12-7	Anthracene	340.	U	380.	U			
86-74-8	Carbazole	340.	UJ	380.	UJ			
84-74-2	Di-n-butylphthalate	340.	U	380.	U			
206-44-0	Fluoranthene	340.	U	380.	U			
129-00-0	Pyrene	340.	U	380.	U			
85-68-7	Butylbenzylphthalate	340.	U	380.	U			
91-94-1	3,3'-Dichlorobenzidine	340.	U	380.	U			
56-55-3	Benzo(a)anthracene	340.	U	380.	U			
218-01-9	Chrysene	340.	U	380.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	37.	J	380.	U			
117-84-0	Di-n-octyl phthalate	340.	U	380.	UR			
205-99-2	Benzo(b)fluoranthene	340.	U	380.	UR			
207-08-9	Benzo(k)fluoranthene	340.	U	380.	UR			
50-32-8	Benzo(a)pyrene	340.	U	380.	UR			
193-39-5	Indeno(1,2,3-cd)pyrene	340.	UJ	380.	UR			
53-70-3	Dibenz(a,h)anthracene	340.	UJ	380.	UR			
191-24-2	Benzo(g,h,i)perylene	340.	UJ	380.	UR			

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA													
	SAMPLE ID ------->	036-S-0002-01		036-S-0002-03		036-S-0002-05		036-S-0004-01		036-S-0004-03		036-S-0005-01	
	ORIGINAL ID ----->	36S0201		36S0203		36S0205		36S0401		36S0403		36S0501	
	LAB SAMPLE ID --->	9495.1		9494.3		9496.0		9490.0		9489.7		9279.7	
	ID FROM REPORT -->	J50515		J50514		J50516		J50510		J50509		J50411	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/05/94		05/04/94		05/04/94		05/03/94	
	DATE ANALYZED --->	05/12/94		05/12/94		05/12/94		05/10/94		05/10/94		05/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT806	VAL	CT806	VAL	CT806	VAL	CT804	VAL	CT804	VAL	CT804	VAL
74-87-3	Chloromethane	11.	UJ	10.	UJ	11.	UJ	10.	UJ	10.	UJ	10.	U
74-83-9	Bromomethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	11.	U	10.	U	11.	U	10.	UJ	10.	UJ	10.	U
75-00-3	Chloroethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
67-64-1	Acetone	11.	U	10.	U	76.	UJ	10.	UJ	10.	UJ	27.	U
75-15-0	Carbon disulfide	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	11.	U	10.	U	11.	UJ	10.	UJ	10.	UJ	10.	U
71-55-6	1,1,1-Trichloroethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	10.	U	11.	UJ	10.	UJ	10.	UJ	10.	U
591-78-6	2-Hexanone	11.	U	10.	U	11.	UJ	10.	UJ	10.	UJ	10.	U
127-18-4	Tetrachloroethene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	11.	U	10.	U	11.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA													
	SAMPLE ID ------->	036-S-0005-02		036-S-0008-01		036-S-0008-03		036-S-0009-01		036-S-0009-03		036-S-0009-05	
	ORIGINAL ID ----->	36S0502		36S0801		36S0803		36S0901		36S0903		36S0905	
	LAB SAMPLE ID --->	9281.9		9219.3		9220.7		9215.0		9216.9		9217.7	
	ID FROM REPORT -->	J50413		J50313		J50314		J50309		J50310		J50311	
	SAMPLE DATE ----->	05/03/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE ANALYZED --->	05/06/94		05/05/94		05/06/94		05/04/94		05/04/94		05/04/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL	CT804	VAL
74-87-3	Chloromethane	11.	U	11.	U	11.	UJ	10.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
75-01-4	Vinyl chloride	11.	U	11.	U	11.	UJ	10.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
75-09-2	Methylene chloride	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
67-64-1	Acetone	130.		11.	U	350.	DJ	22.	UJ	53.	UJ	22.	UJ
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	UJ	10.	UJ	11.	UJ	11.	UJ
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	10.	U	5.	UJ	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
71-43-2	Benzene	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	UJ	10.	UJ	11.	UJ	11.	UJ
591-78-6	2-Hexanone	11.	U	11.	UJ	11.	UJ	10.	UJ	11.	UJ	11.	UJ
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	10.	U	9.	J	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	10.	UJ	11.	UJ	11.	UJ
108-88-3	Toluene	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
100-42-5	Styrene	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	10.	U	11.	UJ	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA													
	SAMPLE ID ------->	036-S-0009-07		036-S-0010-01		036-S-0010-03		036-S-0010-05		036-S-0013-01		036-S-0013-03	
	ORIGINAL ID ----->	36S0907		36S1001		36S1003		36S1005		36S1301		36S1303	
	LAB SAMPLE ID --->	9218.5		9097.2		9098.0		9100.6		9819.1		9820.5	
	ID FROM REPORT -->	J50312		J43008		J43009		J43011		J51001		J51002	
	SAMPLE DATE ----->	05/02/94		04/29/94		04/29/94		04/29/94		05/09/94		05/09/94	
	DATE ANALYZED --->	05/04/94		05/04/94		05/03/94		05/03/94		05/13/94		05/13/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT804	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
74-87-3	Chloromethane	13.	U	12.	U	10.	U	13.	U	10.	UJ	10.	UJ
74-83-9	Bromomethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
75-01-4	Vinyl chloride	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
75-00-3	Chloroethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
75-09-2	Methylene chloride	13.	U	6.	U	2.	U	4.	U	2.	J	10.	U
67-64-1	Acetone	13.	UJ	62.	U	9.	U	46.	U	10.	UJ	10.	UJ
75-15-0	Carbon disulfide	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
67-66-3	Chloroform	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	13.	UJ	12.	U	10.	U	4.	U	10.	UJ	10.	UJ
71-55-6	1,1,1-Trichloroethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
79-01-6	Trichloroethene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
71-43-2	Benzene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
75-25-2	Bromoform	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	UJ	12.	U	10.	U	13.	U	10.	UJ	10.	UJ
591-78-6	2-Hexanone	13.	UJ	12.	U	10.	U	13.	U	10.	UJ	10.	UJ
127-18-4	Tetrachloroethene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	UJ	12.	U	10.	U	13.	U	10.	U	10.	U
108-88-3	Toluene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
108-90-7	Chlorobenzene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
100-41-4	Ethylbenzene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
100-42-5	Styrene	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	13.	U	12.	U	10.	U	13.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA															
	SAMPLE ID ------->	036-S-0013-05		036-S-0014-01		036-S-0014-03		036-S-0014-05		036-S-0015-01		036-S-0015-03	
	ORIGINAL ID ----->	36S1305		36S1401		36S1403		36S1405		36S1501		36S1503	
	LAB SAMPLE ID --->	9821.3		9094.8		9095.6		9096.4		9015.8		9017.4	
	ID FROM REPORT -->	J51003		J43005		J43006		J43007		J42911		J42913	
	SAMPLE DATE ----->	05/09/94		04/29/94		04/29/94		04/29/94		04/28/94		04/28/94	
	DATE ANALYZED --->	05/13/94		05/03/94		05/03/94		05/03/94		05/02/94		05/02/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT806	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL	CT802	VAL
74-87-3	Chloromethane	11.	UJ	11.	U	10.	U	10.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-01-4	Vinyl chloride	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-09-2	Methylene chloride	11.	U	2.	U	2.	U	2.	U	2.	U	3.	U
67-64-1	Acetone	11.	UJ	3.	U	30.	U	70.	U	26.	U	28.	U
75-15-0	Carbon disulfide	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	UJ	11.	U	10.	U	10.	U	11.	U	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
71-43-2	Benzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	UJ	11.	U	10.	U	10.	U	11.	U	11.	U
591-78-6	2-Hexanone	11.	UJ	11.	U	10.	U	10.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
100-42-5	Styrene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA															
	SAMPLE ID ------->	036-S-0015-05		036-S-0017-01		036-S-0017-03		036-S-0017-05		036-S-0018-01		036-S-0018-03	
	ORIGINAL ID ----->	36S1505		36S1701		36S1703		36S1705		36S1801		36S1803	
	LAB SAMPLE ID --->	9018.2		8860.9		8862.5		8863.3		8857.9		8858.7	
	ID FROM REPORT -->	J42914		J42812		J42814		J42815		J42809		J42810	
	SAMPLE DATE ----->	04/28/94		04/27/94		04/27/94		04/27/94		04/27/94		04/27/94	
	DATE ANALYZED --->	05/02/94		04/29/94		04/29/94		04/29/94		04/29/94		04/29/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT802	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
74-87-3	Chloromethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
74-83-9	Bromomethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
75-01-4	Vinyl chloride	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
75-00-3	Chloroethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
75-09-2	Methylene chloride	3.	U	10.	U	12.	U	12.	U	10.	U	12.	U
67-64-1	Acetone	78.	U	5.	U	351.	U	406.	U	19.	U	229.	U
75-15-0	Carbon disulfide	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
67-66-3	Chloroform	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	12.	U	12.	U	10.	U	5.	U
71-55-6	1,1,1-Trichloroethane	2.	J	10.	U	12.	U	12.	U	10.	U	12.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
79-01-6	Trichloroethene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
71-43-2	Benzene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
75-25-2	Bromoform	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
591-78-6	2-Hexanone	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
108-88-3	Toluene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
108-90-7	Chlorobenzene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
100-41-4	Ethylbenzene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
100-42-5	Styrene	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	12.	U	12.	U	10.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA															
	SAMPLE ID ------->	036-S-0018-05		036-S-0019-01		036-S-0019-03		036-S-0019-04		036-S-0020-01		036-S-0020-03	
	ORIGINAL ID ----->	36S1805		36S1901		36S1903		36S1904		36S2001		36S2003	
	LAB SAMPLE ID --->	8859.5		8854.4		8855.2		8856.0		8849.8		8851.0	
	ID FROM REPORT -->	J42811		J42806		J42807		J42808		J42801		J42803	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/27/94		04/27/94		04/26/94		04/27/94	
	DATE ANALYZED --->	04/29/94		04/29/94		04/28/94		04/28/94		04/29/94		04/29/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL	CT801	VAL
74-87-3	Chloromethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
74-83-9	Bromomethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-01-4	Vinyl chloride	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-00-3	Chloroethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
67-64-1	Acetone	150.	U	13.	U	24.	U	24.	U	40.	U	11.	U
75-15-0	Carbon disulfide	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
67-66-3	Chloroform	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
71-55-6	1,1,1-Trichloroethane	10.	U	11.	U	10.	U	11.	U	11.	U	2.	J
56-23-5	Carbon tetrachloride	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
78-87-5	1,2-Dichloropropane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
79-01-6	Trichloroethene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
124-48-1	Dibromochloromethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
71-43-2	Benzene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-25-2	Bromoform	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
591-78-6	2-Hexanone	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
108-88-3	Toluene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
108-90-7	Chlorobenzene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
100-41-4	Ethylbenzene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
100-42-5	Styrene	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U
1330-20-7	Xylene (Total)	10.	U	11.	U	10.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA													
	SAMPLE ID ------->	036-S-0020-05		036-S-0020-07		036-S-0022-01		036-S-0022-03		036-S-0023-01		036-S-0023-03	
	ORIGINAL ID ----->	36S2005		36S2007		36S2201		36S2203		36S2301		36S2303	
	LAB SAMPLE ID --->	8852.8		8853.6		9023.9		9024.7		9822.1		9823.0	
	ID FROM REPORT -->	J42804		J42805		J42919		J42920		J51004		J51005	
	SAMPLE DATE ----->	04/27/94		04/27/94		04/28/94		04/28/94		05/09/94		05/09/94	
	DATE ANALYZED --->	04/29/94		04/29/94		05/03/94		05/03/94		05/13/94		05/13/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
CAS #	Parameter	CT801	VAL	CT801	VAL	CT802	VAL	CT802	VAL	CT806	VAL	CT806	VAL
74-87-3	Chloromethane	11.	U	11.	U	12.	U	12.	U	10.	UJ	11.	UJ
74-83-9	Bromomethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
75-01-4	Vinyl chloride	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
75-09-2	Methylene chloride	11.	U	11.	U	3.	U	4.	U	10.	U	11.	U
67-64-1	Acetone	30.	U	12.	U	26.	U	230.	U	26.	UJ	11.	UJ
75-15-0	Carbon disulfide	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	12.	U	18.	U	10.	UJ	11.	UJ
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
71-43-2	Benzene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	12.	U	12.	U	10.	UJ	11.	UJ
591-78-6	2-Hexanone	11.	U	11.	U	12.	U	12.	U	10.	UJ	2.	J
127-18-4	Tetrachloroethene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	12.	U	12.	U	10.	U	2.	J
108-90-7	Chlorobenzene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
100-42-5	Styrene	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	12.	U	12.	U	10.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
EXISTING CONDITIONS

VOA									
	SAMPLE ID ------->	036-S-0024-01		036-S-0024-03					
	ORIGINAL ID ----->	36S2401		36S2403					
	LAB SAMPLE ID --->	9824.8		9825.6					
	ID FROM REPORT -->	J51006		J51007					
	SAMPLE DATE ----->	05/09/94		05/09/94					
	DATE ANALYZED --->	05/13/94		05/16/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	ug/Kg		ug/Kg					
CAS #	Parameter	CT806	VAL	CT806	VAL				
74-87-3	Chloromethane	10.	UJ	11.	U				
74-83-9	Bromomethane	10.	U	11.	U				
75-01-4	Vinyl chloride	10.	U	11.	U				
75-00-3	Chloroethane	10.	U	11.	U				
75-09-2	Methylene chloride	10.	U	11.	U				
67-64-1	Acetone	10.	UJ	101.	U				
75-15-0	Carbon disulfide	10.	U	11.	U				
75-35-4	1,1-Dichloroethene	10.	U	11.	U				
75-34-3	1,1-Dichloroethane	10.	U	11.	U				
540-59-0	1,2-Dichloroethene (total)	10.	U	11.	U				
67-66-3	Chloroform	10.	U	11.	U				
107-06-2	1,2-Dichloroethane	10.	U	11.	U				
78-93-3	2-Butanone (MEK)	10.	UJ	11.	U				
71-55-6	1,1,1-Trichloroethane	10.	U	11.	U				
56-23-5	Carbon tetrachloride	10.	U	11.	U				
75-27-4	Bromodichloromethane	10.	U	11.	U				
78-87-5	1,2-Dichloropropane	10.	U	11.	U				
10061-01-5	cis-1,3-Dichloropropene	10.	U	11.	U				
79-01-6	Trichloroethene	10.	U	11.	U				
124-48-1	Dibromochloromethane	10.	U	11.	U				
79-00-5	1,1,2-Trichloroethane	10.	U	11.	U				
71-43-2	Benzene	10.	U	11.	U				
10061-02-6	trans-1,3-Dichloropropene	10.	U	11.	U				
75-25-2	Bromoform	10.	U	11.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	UJ	11.	UJ				
591-78-6	2-Hexanone	10.	UJ	11.	UJ				
127-18-4	Tetrachloroethene	10.	U	11.	UJ				
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	11.	UJ				
108-88-3	Toluene	10.	U	11.	UJ				
108-90-7	Chlorobenzene	10.	U	11.	UJ				
100-41-4	Ethylbenzene	10.	U	11.	UJ				
100-42-5	Styrene	10.	U	11.	UJ				
1330-20-7	Xylene (Total)	10.	U	11.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

METAL													
	SAMPLE ID ------->	036-S-3700-03		036-S-3800-03		036-S-3800-05		036-C-3800-05		036-S-3800-07		036-S-3800-09	
	ORIGINAL ID ----->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	LAB SAMPLE ID --->	S680076*1		S680047*4		S680047*5		S680047*8		S680047*9		S680047*10	
	ID FROM REPORT -->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	SAMPLE DATE ----->	01/04/96		01/03/96		01/03/96		01/03/96		01/03/96		01/03/96	
	DATE ANALYZED --->	01/10/96		01/09/96		01/09/96		01/09/96		01/09/96		01/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
7440-38-2	Arsenic (As)	0.67	U	0.79	U	0.34	U	0.4	U	0.35	U	0.35	U
7439-97-6	Mercury (Hg)	0.03	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
7439-92-1	Lead (Pb)	14.7		24.		4.2		2.7	U	2.8		6.1	
7782-49-2	Selenium (Se)	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
57-12-5	Cyanide (CN)	0.27	U	0.27	U	0.26	U	0.27	U	0.27	U	0.26	U
7429-90-5	Aluminum (Al)	1000.		1150.		1290.		938.		630.		424.	
7440-36-0	Antimony (Sb)	0.5	J	0.3	J	0.26	J	0.32	J	0.39	J	0.46	J
7440-39-3	Barium (Ba)	3.4	J	9.6	J	6.8	J	5.1	J	1.3	U	1.2	U
7440-41-7	Beryllium (Be)	0.05	U	0.05	U	0.03	U	0.02	U	0.02	U	0.02	U
7440-43-9	Cadmium (Cd)	0.02	U	0.05	U	0.02	U	0.02	U	0.02	U	0.02	U
7440-70-2	Calcium (Ca)	127.	U	8570.		1170.		1110.		1390.		836.	
7440-47-3	Chromium (Cr)	1.1	U	2.2		1.5	U	1.5	U	1.	U	0.87	U
7440-48-4	Cobalt (Co)	0.2	J	0.21	J	0.17	J	0.11	J	0.1	J	0.08	J
7440-50-8	Copper (Cu)	1.7	U	1.9	U	0.82	U	0.64	U	0.57	U	0.42	U
7439-89-6	Iron (Fe)	797.		1600.		1300.		1150.		723.		444.	
7439-95-4	Magnesium (Mg)	21.8	U	135.		72.2		53.1		30.	U	22.5	U
7439-96-5	Manganese (Mn)	71.1		20.4		6.6		6.4		4.		3.2	
7440-02-0	Nickel (Ni)	0.57	U	0.86	U	0.73	U	0.52	U	0.48	U	0.44	U
7440-09-7	Potassium (K)	20.2	U	28.	U	28.2	U	15.8	U	8.4	U	9.3	U
7440-22-4	Silver (Ag)	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ	0.14	UJ
7440-23-5	Sodium (Na)	4.	J	60.1		14.6	J	14.4	J	16.7	J	10.2	J
7440-62-2	Vanadium (V)	1.8	J	3.6	J	2.2	J	1.7	U	1.	U	0.74	U
7440-66-6	Zinc (Zn)	4.	U	7.1	U	2.7	U	1.9	U	1.9	U	1.5	U
7440-28-0	Thallium (Tl)	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

METAL													
	SAMPLE ID ------->	036-S-3900-01		036-S-3900-03		036-S-3900-05		036-S-3900-07		036-S-3900-07		036-S-3900-08	
	ORIGINAL ID ----->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	LAB SAMPLE ID --->	S680149*1		S680149*2		S680149*3		S680047*6		S680149*4		S680047*7	
	ID FROM REPORT -->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	SAMPLE DATE ----->	01/09/96		01/09/96		01/09/96		01/03/96		01/09/96		01/03/96	
	DATE ANALYZED --->	01/12/96		01/12/96		01/12/96		01/09/96		01/12/96		01/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	PAD03	VAL	PAD03	VAL	PAD03	VAL	PAD01	VAL	PAD03	VAL	PAD01	VAL
7440-38-2	Arsenic (As)	1.3		0.71		0.5	J	0.38	U	0.36	J	0.47	U
7439-97-6	Mercury (Hg)	0.01	UJ	0.03	J	0.14		0.08	U	0.29		0.01	U
7439-92-1	Lead (Pb)	17.2		16.		69.4		116.		102.		12.1	
7782-49-2	Selenium (Se)	0.27	U	0.27	U	0.27	U	0.27	U	0.28	U	0.29	U
57-12-5	Cyanide (CN)	0.27	UJ	0.26	UJ	0.96	J	0.26	U	0.27	UJ	0.28	U
7429-90-5	Aluminum (Al)	3240.		1410.		589.		316.		479.		93.6	U
7440-36-0	Antimony (Sb)	0.44	U	0.72	U	0.48	U	0.36	J	0.26	U	0.31	J
7440-39-3	Barium (Ba)	6.3	J	2.1	J	7.7	J	26.7	J	12.7	J	2.5	U
7440-41-7	Beryllium (Be)	0.09	U	0.02	U	0.02	U	0.02	U	0.02	U	0.01	U
7440-43-9	Cadmium (Cd)	0.1	U	0.02	U	0.06	U	0.04	U	0.11	U	0.02	U
7440-70-2	Calcium (Ca)	60000.		372.		977.		164.	U	834.		30.4	U
7440-47-3	Chromium (Cr)	3.4		1.9	U	2.	U	1.9	U	2.	U	0.64	U
7440-48-4	Cobalt (Co)	0.37	J	0.16	J	0.15	J	0.4	J	0.14	J	0.08	U
7440-50-8	Copper (Cu)	2.4	J	1.7	U	4.9		6.8	U	16.5		0.88	U
7439-89-6	Iron (Fe)	2000.		1140.		890.		2210.		707.		107.	
7439-95-4	Magnesium (Mg)	433.		17.4	U	35.8	J	30.8	U	21.1	U	5.3	U
7439-96-5	Manganese (Mn)	130.		33.3		10.3		13.3		11.1		4.2	
7440-02-0	Nickel (Ni)	0.8	U	0.31	U	0.36	U	0.93	U	0.74	U	0.31	U
7440-09-7	Potassium (K)	51.3	J	10.6	J	15.7	J	8.3	U	9.2	J	8.1	U
7440-22-4	Silver (Ag)	0.14	U	0.13	U	0.14	U	0.14	UJ	0.14	U	0.14	UJ
7440-23-5	Sodium (Na)	403.		14.	U	15.6	U	6.7	J	13.3	U	5.2	J
7440-62-2	Vanadium (V)	5.3	J	3.	J	1.1	U	1.2	U	0.97	U	0.23	U
7440-66-6	Zinc (Zn)	10.7	J	8.8	J	31.1	J	49.4	J	57.3	J	7.4	U
7440-28-0	Thallium (Tl)	0.33	U	0.32	U	0.33	U	0.09	U	0.33	U	0.1	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

METAL															
	SAMPLE ID ------->	036-S-4100-01		036-S-4100-03		036-S-4100-05		036-S-4400-01		036-S-4400-03		036-S-4400-05	
	ORIGINAL ID ----->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	LAB SAMPLE ID --->	S680047*13		S680047*12		S680047*11		S680076*2		S680076*3		S680076*4	
	ID FROM REPORT -->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	SAMPLE DATE ----->	01/03/96		01/03/96		01/03/96		01/04/96		01/04/96		01/04/96	
	DATE ANALYZED --->	01/09/96		01/09/96		01/09/96		01/09/96		01/09/96		01/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
7440-38-2	Arsenic (As)	0.79	U	1.	U	0.48	U	1.2	U	0.47	U	0.27	U
7439-97-6	Mercury (Hg)	0.02	U	0.03	U	0.03	U	0.02	U	0.01	U	0.35	
7439-92-1	Lead (Pb)	32.6		46.		22.9		8.5		37.9		28.5	
7782-49-2	Selenium (Se)	0.27	U	0.27	U	0.27	U	0.28	U	0.26	U	0.26	U
57-12-5	Cyanide (CN)	0.26	U	0.26	U	0.26	U	0.27	U	0.25	U	0.25	U
7429-90-5	Aluminum (Al)	2470.		1700.		1560.		4380.		1040.		86.9	U
7440-36-0	Antimony (Sb)	0.26	U	0.3	J	0.27	J	0.26	U	0.3	U	0.3	U
7440-39-3	Barium (Ba)	7.2	J	11.9	J	6.1	J	10.6	J	3.3	J	1.5	U
7440-41-7	Beryllium (Be)	0.06	U	0.06	U	0.04	U	0.08	U	0.02	U	0.01	U
7440-43-9	Cadmium (Cd)	0.05	U	0.2	U	0.03	U	0.02	U	0.02	U	0.02	U
7440-70-2	Calcium (Ca)	629.		649.		367.	U	29400.		597.		201.	U
7440-47-3	Chromium (Cr)	3.5		3.5		2.3		5.2		1.5	U	0.56	U
7440-48-4	Cobalt (Co)	0.3	J	0.35	J	0.21	J	0.44	J	0.17	J	0.08	U
7440-50-8	Copper (Cu)	3.7	U	4.8	U	2.4	U	5.	U	2.	U	2.1	U
7439-89-6	Iron (Fe)	2080.		3240.		1210.		4360.		705.		225.	
7439-95-4	Magnesium (Mg)	162.		127.		75.		290.		34.8	U	8.8	U
7439-96-5	Manganese (Mn)	45.3		52.7		29.4		171.		48.8		14.5	
7440-02-0	Nickel (Ni)	0.88	U	0.99	U	0.67	U	1.1	U	0.57	U	0.33	U
7440-09-7	Potassium (K)	48.6	U	30.	U	21.3	U	51.7	U	15.1	U	7.4	U
7440-22-4	Silver (Ag)	0.13	UJ	0.13	UJ	0.13	U	0.14	U	0.13	UJ	0.13	UJ
7440-23-5	Sodium (Na)	15.2	J	12.9	J	9.4	J	205.		12.2	J	5.8	J
7440-62-2	Vanadium (V)	4.9	J	4.5	J	3.1	J	11.		1.7	U	0.24	U
7440-66-6	Zinc (Zn)	20.	U	22.1	J	11.2	U	8.2	U	7.8	U	9.8	U
7440-28-0	Thallium (Tl)	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

METAL

SAMPLE ID ------->	036-S-4400-07
ORIGINAL ID ----->	036S440701
LAB SAMPLE ID --->	S680076*5
ID FROM REPORT -->	036S440701
SAMPLE DATE ----->	01/04/96
DATE ANALYZED --->	01/09/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	PAD01	VAL
7440-38-2	Arsenic (As)	0.12	U
7439-97-6	Mercury (Hg)	0.02	U
7439-92-1	Lead (Pb)	5.8	
7782-49-2	Selenium (Se)	0.27	U
57-12-5	Cyanide (CN)	0.26	U
7429-90-5	Aluminum (Al)	49.	U
7440-36-0	Antimony (Sb)	0.3	U
7440-39-3	Barium (Ba)	0.49	U
7440-41-7	Beryllium (Be)	0.01	U
7440-43-9	Cadmium (Cd)	0.02	U
7440-70-2	Calcium (Ca)	170.	U
7440-47-3	Chromium (Cr)	0.4	U
7440-48-4	Cobalt (Co)	0.08	U
7440-50-8	Copper (Cu)	1.2	U
7439-89-6	Iron (Fe)	90.4	
7439-95-4	Magnesium (Mg)	3.2	U
7439-96-5	Manganese (Mn)	3.7	
7440-02-0	Nickel (Ni)	0.2	U
7440-09-7	Potassium (K)	7.6	U
7440-22-4	Silver (Ag)	0.13	UJ
7440-23-5	Sodium (Na)	6.1	J
7440-62-2	Vanadium (V)	0.1	U
7440-66-6	Zinc (Zn)	2.9	U
7440-28-0	Thallium (Tl)	0.09	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

PEST													
	SAMPLE ID ------->	036-S-3700-03		036-S-3800-03		036-S-3800-05		036-C-3800-05		036-S-3800-07		036-S-3800-09	
	ORIGINAL ID ----->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	LAB SAMPLE ID --->	S680076*1		S680047*4		S680047*5		S680047*8		S680047*9		S680047*10	
	ID FROM REPORT -->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	SAMPLE DATE ----->	01/04/96		01/03/96		01/03/96		01/03/96		01/03/96		01/03/96	
	DATE EXTRACTED -->	01/08/96		01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/13/96		01/12/96		01/12/96		01/13/96		01/13/96		01/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
72-54-8	4,4'-DDD	3.5	U	3.5	UJ	3.5	U	3.5	U	3.5	U	3.5	U
72-55-9	4,4'-DDE	3.5	U	0.42	J	3.5	U	3.5	U	3.5	U	3.5	U
50-29-3	4,4'-DDT	3.5	U	3.5	UJ	3.5	U	3.5	U	3.5	U	3.5	U
309-00-2	Aldrin	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
12674-11-2	Aroclor-1016	35.	U	35.	UJ	35.	U	35.	U	35.	U	35.	U
11104-28-2	Aroclor-1221	71.	U	71.	UJ	70.	U	71.	U	71.	U	71.	U
11141-16-5	Aroclor-1232	35.	U	35.	UJ	35.	U	35.	U	35.	U	35.	U
53469-21-9	Aroclor-1242	35.	U	35.	UJ	35.	U	35.	U	35.	U	35.	U
12672-29-6	Aroclor-1248	35.	U	35.	UJ	35.	U	35.	U	35.	U	35.	U
11097-69-1	Aroclor-1254	35.	U	35.	UJ	35.	U	35.	U	35.	U	35.	U
11096-82-5	Aroclor-1260	35.	U	35.	UJ	35.	U	35.	U	35.	U	35.	U
60-57-1	Dieldrin	3.4	J	0.53	J	3.5	U	3.5	U	3.5	U	0.59	J
959-98-8	Endosulfan I	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
33213-65-9	Endosulfan II	3.5	U	3.5	UJ	3.5	U	3.5	U	3.5	U	3.5	U
1031-07-8	Endosulfan sulfate	3.5	U	3.5	UJ	3.5	U	3.5	U	3.5	U	3.5	U
72-20-8	Endrin	3.5	U	3.5	UJ	3.5	U	3.5	U	3.5	U	3.5	U
7421-93-4	Endrin aldehyde	3.5	U	3.5	UJ	3.5	U	3.5	U	3.5	U	3.5	U
53494-70-5	Endrin ketone	3.5	U	3.5	UJ	3.5	U	0.27	J	0.11	J	0.39	J
76-44-8	Heptachlor	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
72-43-5	Methoxychlor	18.	U	18.	UJ	18.	U	18.	U	18.	U	18.	U
8001-35-2	Toxaphene	180.	U	180.	UJ	180.	U	180.	U	180.	U	180.	U
319-84-6	alpha-BHC	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
319-85-7	beta-BHC	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
319-86-8	delta-BHC	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

PEST													
	SAMPLE ID ------->	036-S-3900-01		036-S-3900-03		036-S-3900-05		036-S-3900-07		036-S-3900-07		036-S-3900-08	
	ORIGINAL ID ----->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	LAB SAMPLE ID --->	S680149*1		S680149*2		S680149*3		S680047*6		S680149*4		S680047*7	
	ID FROM REPORT -->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	SAMPLE DATE ----->	01/09/96		01/09/96		01/09/96		01/03/96		01/09/96		01/03/96	
	DATE EXTRACTED -->	01/11/96		01/11/96		01/11/96		01/05/96		01/11/96		01/05/96	
	DATE ANALYZED --->	01/20/96		01/20/96		01/20/96		01/13/96		01/20/96		01/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD03	VAL	PAD03	VAL	PAD03	VAL	PAD01	VAL	PAD03	VAL	PAD01	VAL
72-54-8	4,4'-DDD	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
72-55-9	4,4'-DDE	0.55	J	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
50-29-3	4,4'-DDT	1.4	J	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
309-00-2	Aldrin	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
12674-11-2	Aroclor-1016	35.	U	35.	U	35.	U	35.	U	35.	U	37.	U
11104-28-2	Aroclor-1221	71.	U	70.	U	70.	U	70.	U	72.	U	75.	U
11141-16-5	Aroclor-1232	35.	U	35.	U	35.	U	35.	U	35.	U	37.	U
53469-21-9	Aroclor-1242	35.	U	35.	U	35.	U	35.	U	35.	U	37.	U
12672-29-6	Aroclor-1248	35.	U	35.	U	35.	U	35.	U	35.	U	37.	U
11097-69-1	Aroclor-1254	35.	U	35.	U	35.	U	35.	U	35.	U	37.	U
11096-82-5	Aroclor-1260	35.	U	35.	U	35.	U	35.	U	35.	U	37.	U
60-57-1	Dieldrin	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
959-98-8	Endosulfan I	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
33213-65-9	Endosulfan II	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
1031-07-8	Endosulfan sulfate	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
72-20-8	Endrin	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
7421-93-4	Endrin aldehyde	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.7	U
53494-70-5	Endrin ketone	0.71	J	0.53	J	0.31	J	0.2	U	0.1	U	3.7	U
76-44-8	Heptachlor	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
72-43-5	Methoxychlor	18.	U	18.	U	18.	U	18.	U	18.	U	19.	U
8001-35-2	Toxaphene	180.	U	180.	U	180.	U	180.	U	180.	U	190.	U
319-84-6	alpha-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
319-85-7	beta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
319-86-8	delta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

PEST													
	SAMPLE ID ------->	036-S-4100-01		036-S-4100-03		036-S-4100-05		036-S-4400-01		036-S-4400-03		036-S-4400-05	
	ORIGINAL ID ----->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	LAB SAMPLE ID --->	S680047*13		S680047*12		S680047*11		S680076*2		S680076*3		S680076*4	
	ID FROM REPORT -->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	SAMPLE DATE ----->	01/03/96		01/03/96		01/03/96		01/04/96		01/04/96		01/04/96	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/08/96		01/08/96		01/08/96	
	DATE ANALYZED --->	01/13/96		01/13/96		01/13/96		01/13/96		01/13/96		01/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
72-54-8	4,4'-DDD	3.4	U	3.5	U	3.4	U	3.5	U	3.4	U	3.3	U
72-55-9	4,4'-DDE	0.7	J	0.56	J	3.4	U	3.5	U	3.4	U	3.3	U
50-29-3	4,4'-DDT	3.4	U	1.4	J	3.4	U	3.5	U	3.4	U	3.3	U
309-00-2	Aldrin	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
12674-11-2	Aroclor-1016	34.	U	35.	U	34.	U	35.	U	34.	U	33.	U
11104-28-2	Aroclor-1221	70.	U	70.	U	70.	U	72.	U	68.	U	68.	U
11141-16-5	Aroclor-1232	34.	U	35.	U	34.	U	35.	U	34.	U	33.	U
53469-21-9	Aroclor-1242	34.	U	35.	U	34.	U	35.	U	34.	U	33.	U
12672-29-6	Aroclor-1248	34.	U	35.	U	34.	U	35.	U	34.	U	33.	U
11097-69-1	Aroclor-1254	34.	U	35.	U	34.	U	35.	U	34.	U	33.	U
11096-82-5	Aroclor-1260	34.	U	35.	U	34.	U	35.	U	34.	U	33.	U
60-57-1	Dieldrin	2.5	J	2.4	J	1.2	J	0.69	J	3.4	U	3.3	U
959-98-8	Endosulfan I	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
33213-65-9	Endosulfan II	3.4	U	3.5	U	3.4	U	3.5	U	3.4	U	3.3	U
1031-07-8	Endosulfan sulfate	3.4	U	3.5	U	3.4	U	3.5	U	3.4	U	3.3	U
72-20-8	Endrin	3.4	U	3.5	U	3.4	U	3.5	U	3.4	U	3.3	U
7421-93-4	Endrin aldehyde	3.4	U	3.5	U	3.4	U	3.5	U	3.4	U	3.3	U
53494-70-5	Endrin ketone	1.4	J	3.5	U	0.2	J	3.5	U	3.4	U	3.3	U
76-44-8	Heptachlor	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
72-43-5	Methoxychlor	18.	U	18.	U	18.	U	18.	U	17.	U	17.	U
8001-35-2	Toxaphene	180.	U	180.	U	180.	U	180.	U	170.	U	170.	U
319-84-6	alpha-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
319-85-7	beta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
319-86-8	delta-BHC	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.7	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

PEST

SAMPLE ID ------->	036-S-4400-07
ORIGINAL ID ----->	036S440701
LAB SAMPLE ID --->	S680076*5
ID FROM REPORT -->	036S440701
SAMPLE DATE ----->	01/04/96
DATE EXTRACTED -->	01/08/96
DATE ANALYZED --->	01/13/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	PAD01	VAL
72-54-8	4,4'-DDD	3.4	U
72-55-9	4,4'-DDE	3.4	U
50-29-3	4,4'-DDT	3.4	U
309-00-2	Aldrin	1.8	U
12674-11-2	Aroclor-1016	34.	U
11104-28-2	Aroclor-1221	70.	U
11141-16-5	Aroclor-1232	34.	U
53469-21-9	Aroclor-1242	34.	U
12672-29-6	Aroclor-1248	34.	U
11097-69-1	Aroclor-1254	34.	U
11096-82-5	Aroclor-1260	34.	U
60-57-1	Dieldrin	3.4	U
959-98-8	Endosulfan I	1.8	U
33213-65-9	Endosulfan II	3.4	U
1031-07-8	Endosulfan sulfate	3.4	U
72-20-8	Endrin	3.4	U
7421-93-4	Endrin aldehyde	3.4	U
53494-70-5	Endrin ketone	3.4	U
76-44-8	Heptachlor	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
72-43-5	Methoxychlor	18.	U
8001-35-2	Toxaphene	180.	U
319-84-6	alpha-BHC	1.8	U
5103-71-9	alpha-Chlordane	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
5103-74-2	gamma-Chlordane	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	036-S-3700-03		036-S-3800-03		036-S-3800-05		036-C-3800-05		036-S-3800-07		036-S-3800-09	
	ORIGINAL ID ----->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	LAB SAMPLE ID --->	S680076*1		S680047*4		S680047*5		S680047*8		S680047*9		S680047*10	
	ID FROM REPORT -->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	SAMPLE DATE ----->	01/04/96		01/03/96		01/03/96		01/03/96		01/03/96		01/03/96	
	DATE EXTRACTED -->	01/11/96		01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/17/96		01/10/96		01/10/96		01/10/96		01/10/96		01/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
95-50-1	1,2-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
541-73-1	1,3-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
95-95-4	2,4,5-Trichlorophenol	850.	U	850.	U	840.	U	850.	U	850.	U	850.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
120-83-2	2,4-Dichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
105-67-9	2,4-Dimethylphenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
51-28-5	2,4-Dinitrophenol	850.	U	850.	U	840.	U	850.	U	850.	U	850.	UJ
121-14-2	2,4-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
606-20-2	2,6-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
91-58-7	2-Chloronaphthalene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
91-57-6	2-Methylnaphthalene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
88-74-4	2-Nitroaniline	850.	U	850.	U	840.	U	850.	U	850.	U	850.	U
88-75-5	2-Nitrophenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	350.	UJ	350.	U	350.	UJ	350.	U	350.	UJ
9999900-32-2	3-Methylphenol/4-Methylphenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
99-09-2	3-Nitroaniline	850.	U	850.	UJ	840.	U	850.	UJ	850.	U	850.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	850.	U	850.	UJ	840.	U	850.	UJ	850.	U	850.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
106-47-8	4-Chloroaniline	350.	U	350.	UJ	350.	U	350.	UJ	350.	U	350.	UJ
7005-72-3	4-Chlorophenylphenylether	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
100-01-6	4-Nitroaniline	850.	U	850.	UJ	840.	U	850.	UJ	850.	U	850.	U
100-02-7	4-Nitrophenol	850.	U	850.	U	840.	U	850.	U	850.	U	850.	U
83-32-9	Acenaphthene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
208-96-8	Acenaphthylene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
120-12-7	Anthracene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
56-55-3	Benzo(a)anthracene	11.	J	350.	U	350.	U	350.	U	350.	U	350.	U
50-32-8	Benzo(a)pyrene	11.	J	94.	U	93.	U	94.	U	94.	U	94.	U
205-99-2	Benzo(b)fluoranthene	16.	J	350.	U	350.	U	350.	U	350.	U	350.	U
191-24-2	Benzo(g,h,i)perylene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
207-08-9	Benzo(k)fluoranthene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	036-S-3700-03		036-S-3800-03		036-S-3800-05		036-C-3800-05		036-S-3800-07		036-S-3800-09	
	ORIGINAL ID ----->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	LAB SAMPLE ID --->	S680076*1		S680047*4		S680047*5		S680047*8		S680047*9		S680047*10	
	ID FROM REPORT -->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	SAMPLE DATE ----->	01/04/96		01/03/96		01/03/96		01/03/96		01/03/96		01/03/96	
	DATE EXTRACTED -->	01/11/96		01/05/96		01/05/96		01/05/96		01/05/96		01/05/96	
	DATE ANALYZED --->	01/17/96		01/10/96		01/10/96		01/10/96		01/10/96		01/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
85-68-7	Butylbenzylphthalate	350.	UJ	350.	U	350.	U	350.	U	350.	U	350.	U
86-74-8	Carbazole	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
218-01-9	Chrysene	8.	J	350.	U	350.	U	350.	U	350.	U	350.	U
84-74-2	Di-n-butylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
117-84-0	Di-n-octyl phthalate	350.	UJ	350.	U	350.	U	350.	U	350.	U	350.	U
53-70-3	Dibenz(a,h)anthracene	94.	U	94.	U	93.	U	94.	U	94.	U	94.	U
132-64-9	Dibenzofuran	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
84-66-2	Diethylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
131-11-3	Dimethyl phthalate	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
206-44-0	Fluoranthene	7.2	J	350.	U	350.	U	350.	U	350.	U	350.	U
86-73-7	Fluorene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
118-74-1	Hexachlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
87-68-3	Hexachlorobutadiene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
77-47-4	Hexachlorocyclopentadiene	320.	U	320.	U	320.	U	320.	U	320.	U	320.	U
67-72-1	Hexachloroethane	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
193-39-5	Indeno(1,2,3-cd)pyrene	6.9	J	350.	U	350.	U	350.	U	350.	U	350.	U
78-59-1	Isophorone	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	64.	U	64.	U	63.	U	64.	U	64.	U	64.	U
122-39-4	Diphenylamine	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
91-20-3	Naphthalene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
98-95-3	Nitrobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
87-86-5	Pentachlorophenol	850.	U	850.	U	840.	U	850.	U	850.	U	850.	U
85-01-8	Phenanthrene	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
108-95-2	Phenol	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
129-00-0	Pyrene	8.6	J	350.	U	350.	U	6.1	J	350.	U	350.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	350.	U	350.	U	350.	U	350.	U	350.	U
111-44-4	bis(2-Chloroethyl)ether	320.	U	320.	U	320.	U	320.	U	320.	U	320.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	UJ	20.	J	14.	J	19.	J	16.	J	16.	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	036-S-3900-01		036-S-3900-03		036-S-3900-05		036-S-3900-07		036-S-3900-07		036-S-3900-08	
	ORIGINAL ID ----->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	LAB SAMPLE ID --->	S680149*1		S680149*2		S680149*3		S680047*6		S680149*4		S680047*7	
	ID FROM REPORT -->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	SAMPLE DATE ----->	01/09/96		01/09/96		01/09/96		01/03/96		01/09/96		01/03/96	
	DATE EXTRACTED -->	01/11/96		01/11/96		01/11/96		01/05/96		01/11/96		01/05/96	
	DATE ANALYZED --->	01/17/96		01/17/96		01/17/96		01/10/96		01/17/96		01/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD03	VAL	PAD03	VAL	PAD03	VAL	PAD01	VAL	PAD03	VAL	PAD01	VAL
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	UJ	350.	U	350.	U	350.	U	370.	U
95-50-1	1,2-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
541-73-1	1,3-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
95-95-4	2,4,5-Trichlorophenol	840.	U	850.	U	840.	U	840.	U	860.	U	900.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
120-83-2	2,4-Dichlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
105-67-9	2,4-Dimethylphenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
51-28-5	2,4-Dinitrophenol	840.	U	850.	U	840.	U	840.	U	860.	U	900.	U
121-14-2	2,4-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
606-20-2	2,6-Dinitrotoluene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
91-58-7	2-Chloronaphthalene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
91-57-6	2-Methylnaphthalene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
88-74-4	2-Nitroaniline	840.	U	850.	U	840.	U	840.	U	860.	U	900.	U
88-75-5	2-Nitrophenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
91-94-1	3,3'-Dichlorobenzidine	350.	U	350.	U	350.	U	350.	U	350.	U	370.	UJ
9999900-32-2	3-Methylphenol/4-Methylphenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
99-09-2	3-Nitroaniline	840.	U	850.	U	840.	U	840.	U	860.	U	900.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	840.	U	850.	U	840.	U	840.	U	860.	U	900.	UJ
101-55-3	4-Bromophenyl-phenylether	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
106-47-8	4-Chloroaniline	350.	U	350.	U	350.	U	350.	U	350.	U	370.	UJ
7005-72-3	4-Chlorophenylphenylether	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
100-01-6	4-Nitroaniline	840.	U	850.	U	840.	U	840.	U	860.	U	900.	UJ
100-02-7	4-Nitrophenol	840.	U	850.	U	840.	U	840.	U	860.	U	900.	U
83-32-9	Acenaphthene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
208-96-8	Acenaphthylene	28.	J	350.	U	350.	U	350.	U	350.	U	370.	U
120-12-7	Anthracene	11.	J	6.	J	350.	U	350.	U	350.	U	370.	U
56-55-3	Benzo(a)anthracene	72.	J	46.	J	13.	J	350.	U	15.	J	370.	U
50-32-8	Benzo(a)pyrene	110.		56.	J	16.	J	93.	U	21.	J	99.	U
205-99-2	Benzo(b)fluoranthene	160.	J	95.	J	27.	J	350.	U	31.	J	370.	U
191-24-2	Benzo(g,h,i)perylene	120.	J	63.	J	18.	J	350.	U	21.	J	370.	U
207-08-9	Benzo(k)fluoranthene	49.	J	31.	J	350.	U	350.	U	11.	J	370.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	036-S-3900-01		036-S-3900-03		036-S-3900-05		036-S-3900-07		036-S-3900-07		036-S-3900-08	
	ORIGINAL ID ----->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	LAB SAMPLE ID --->	S680149*1		S680149*2		S680149*3		S680047*6		S680149*4		S680047*7	
	ID FROM REPORT -->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	SAMPLE DATE ----->	01/09/96		01/09/96		01/09/96		01/03/96		01/09/96		01/03/96	
	DATE EXTRACTED -->	01/11/96		01/11/96		01/11/96		01/05/96		01/11/96		01/05/96	
	DATE ANALYZED --->	01/17/96		01/17/96		01/17/96		01/10/96		01/17/96		01/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD03	VAL	PAD03	VAL	PAD03	VAL	PAD01	VAL	PAD03	VAL	PAD01	VAL
85-68-7	Butylbenzylphthalate	350.	UJ	350.	UJ	350.	UJ	350.	U	350.	UJ	370.	U
86-74-8	Carbazole	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
218-01-9	Chrysene	84.	J	50.	J	17.	J	350.	U	18.	J	370.	U
84-74-2	Di-n-butylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
117-84-0	Di-n-octyl phthalate	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
53-70-3	Dibenz(a,h)anthracene	30.	J	18.	J	93.	U	93.	U	7.	J	99.	U
132-64-9	Dibenzofuran	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
84-66-2	Diethylphthalate	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
131-11-3	Dimethyl phthalate	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
206-44-0	Fluoranthene	73.	J	48.	J	16.	J	6.	J	16.	J	370.	U
86-73-7	Fluorene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
118-74-1	Hexachlorobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
87-68-3	Hexachlorobutadiene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
77-47-4	Hexachlorocyclopentadiene	320.	U	320.	U	320.	U	320.	U	320.	U	340.	U
67-72-1	Hexachloroethane	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
193-39-5	Indeno(1,2,3-cd)pyrene	88.	J	48.	J	13.	J	350.	U	18.	J	370.	U
78-59-1	Isophorone	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
621-64-7	N-Nitroso-di-n-propylamine	63.	U	64.	UJ	63.	U	63.	U	64.	U	67.	U
122-39-4	Diphenylamine	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
91-20-3	Naphthalene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
98-95-3	Nitrobenzene	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
87-86-5	Pentachlorophenol	840.	U	850.	U	840.	U	840.	U	860.	U	900.	U
85-01-8	Phenanthrene	11.	J	350.	U	350.	U	350.	U	350.	U	370.	U
108-95-2	Phenol	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
129-00-0	Pyrene	83.	J	50.	J	18.	J	7.5	J	21.	J	370.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	350.	U	350.	U	350.	U	350.	U	370.	U
111-44-4	bis(2-Chloroethyl)ether	320.	U	320.	U	320.	U	320.	U	320.	U	340.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	UJ	250.	UJ	350.	UJ	350.	U	350.	UJ	370.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	036-S-4100-01		036-S-4100-03		036-S-4100-05		036-S-4400-01		036-S-4400-03		036-S-4400-05	
	ORIGINAL ID ----->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	LAB SAMPLE ID --->	S680047*13		S680047*12		S680047*11		S680076*2		S680076*3		S680076*4	
	ID FROM REPORT -->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	SAMPLE DATE ----->	01/03/96		01/03/96		01/03/96		01/04/96		01/04/96		01/04/96	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/11/96		01/11/96		01/11/96	
	DATE ANALYZED --->	01/11/96		01/11/96		01/11/96		01/17/96		01/17/96		01/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
120-82-1	1,2,4-Trichlorobenzene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
95-50-1	1,2-Dichlorobenzene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
541-73-1	1,3-Dichlorobenzene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
106-46-7	1,4-Dichlorobenzene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
95-95-4	2,4,5-Trichlorophenol	830.	U	840.	U	830.	U	860.	U	820.	U	810.	U
88-06-2	2,4,6-Trichlorophenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
120-83-2	2,4-Dichlorophenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
105-67-9	2,4-Dimethylphenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
51-28-5	2,4-Dinitrophenol	830.	UJ	840.	UJ	830.	UJ	860.	U	820.	U	810.	U
121-14-2	2,4-Dinitrotoluene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
606-20-2	2,6-Dinitrotoluene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
91-58-7	2-Chloronaphthalene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
95-57-8	2-Chlorophenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
91-57-6	2-Methylnaphthalene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
95-48-7	2-Methylphenol (o-Cresol)	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
88-74-4	2-Nitroaniline	830.	U	840.	U	830.	U	860.	U	820.	U	810.	U
88-75-5	2-Nitrophenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
91-94-1	3,3'-Dichlorobenzidine	340.	UJ	350.	UJ	340.	UJ	350.	UJ	340.	U	330.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
99-09-2	3-Nitroaniline	830.	UJ	840.	UJ	830.	UJ	860.	U	820.	U	810.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U	840.	U	830.	U	860.	U	820.	U	810.	U
101-55-3	4-Bromophenyl-phenylether	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
59-50-7	4-Chloro-3-methylphenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
106-47-8	4-Chloroaniline	340.	UJ	350.	UJ	340.	UJ	350.	U	340.	U	330.	U
7005-72-3	4-Chlorophenylphenylether	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
100-01-6	4-Nitroaniline	830.	U	840.	U	830.	U	860.	U	820.	U	810.	U
100-02-7	4-Nitrophenol	830.	U	840.	U	830.	U	860.	U	820.	U	810.	U
83-32-9	Acenaphthene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
208-96-8	Acenaphthylene	110.	J	350.	U	340.	U	350.	U	340.	U	330.	U
120-12-7	Anthracene	53.	J	350.	U	340.	U	350.	U	340.	U	330.	U
56-55-3	Benzo(a)anthracene	160.	J	21.	J	16.	J	8.7	J	340.	U	330.	U
50-32-8	Benzo(a)pyrene	220.		26.	J	18.	J	9.1	J	90.	U	89.	U
205-99-2	Benzo(b)fluoranthene	240.	J	37.	J	36.	J	13.	J	340.	U	330.	U
191-24-2	Benzo(g,h,i)perylene	430.		27.	J	20.	J	350.	U	340.	U	330.	U
207-08-9	Benzo(k)fluoranthene	110.	J	16.	J	11.	J	350.	U	340.	U	330.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	036-S-4100-01		036-S-4100-03		036-S-4100-05		036-S-4400-01		036-S-4400-03		036-S-4400-05	
	ORIGINAL ID ----->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	LAB SAMPLE ID --->	S680047*13		S680047*12		S680047*11		S680076*2		S680076*3		S680076*4	
	ID FROM REPORT -->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	SAMPLE DATE ----->	01/03/96		01/03/96		01/03/96		01/04/96		01/04/96		01/04/96	
	DATE EXTRACTED -->	01/05/96		01/05/96		01/05/96		01/11/96		01/11/96		01/11/96	
	DATE ANALYZED --->	01/11/96		01/11/96		01/11/96		01/17/96		01/17/96		01/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
85-68-7	Butylbenzylphthalate	15.	J	14.	J	16.	J	350.	U	340.	UJ	330.	UJ
86-74-8	Carbazole	29.	J	350.	U	340.	U	350.	U	340.	U	330.	U
218-01-9	Chrysene	180.	J	30.	J	15.	J	350.	U	340.	U	330.	U
84-74-2	Di-n-butylphthalate	15.	J	350.	U	340.	U	350.	U	340.	U	330.	U
117-84-0	Di-n-octyl phthalate	340.	U	350.	U	340.	U	350.	UJ	340.	UJ	330.	UJ
53-70-3	Dibenz(a,h)anthracene	82.	J	93.	U	92.	U	95.	U	90.	U	89.	U
132-64-9	Dibenzofuran	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
84-66-2	Diethylphthalate	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
131-11-3	Dimethyl phthalate	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
206-44-0	Fluoranthene	280.	J	33.	J	25.	J	10.	J	340.	U	330.	U
86-73-7	Fluorene	14.	J	350.	U	340.	U	350.	UJ	340.	U	330.	U
118-74-1	Hexachlorobenzene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
87-68-3	Hexachlorobutadiene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
77-47-4	Hexachlorocyclopentadiene	310.	U	320.	U	310.	U	320.	U	310.	U	300.	U
67-72-1	Hexachloroethane	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
193-39-5	Indeno(1,2,3-cd)pyrene	230.	J	21.	J	15.	J	6.2	J	340.	U	330.	U
78-59-1	Isophorone	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	62.	U	63.	U	62.	U	64.	U	61.	U	61.	U
122-39-4	Diphenylamine	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
91-20-3	Naphthalene	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
98-95-3	Nitrobenzene	340.	U	350.	U	8.7	J	350.	U	340.	U	330.	U
87-86-5	Pentachlorophenol	830.	U	840.	U	830.	U	860.	U	820.	U	810.	U
85-01-8	Phenanthrene	110.	J	350.	U	340.	U	350.	U	340.	U	330.	U
108-95-2	Phenol	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
129-00-0	Pyrene	270.	J	34.	J	24.	J	9.4	J	340.	U	330.	U
111-91-1	bis(2-Chloroethoxy)methane	340.	U	350.	U	340.	U	350.	U	340.	U	330.	U
111-44-4	bis(2-Chloroethyl)ether	310.	U	320.	U	310.	U	320.	U	310.	U	300.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	28.	J	170.	J	130.	J	350.	U	340.	UJ	330.	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA

SAMPLE ID ------->	036-S-4400-07
ORIGINAL ID ----->	036S440701
LAB SAMPLE ID --->	S680076*5
ID FROM REPORT -->	036S440701
SAMPLE DATE ----->	01/04/96
DATE EXTRACTED -->	01/11/96
DATE ANALYZED --->	01/17/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	PAD01	VAL
120-82-1	1,2,4-Trichlorobenzene	340.	U
95-50-1	1,2-Dichlorobenzene	340.	U
541-73-1	1,3-Dichlorobenzene	340.	U
106-46-7	1,4-Dichlorobenzene	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U
95-95-4	2,4,5-Trichlorophenol	830.	U
88-06-2	2,4,6-Trichlorophenol	340.	U
120-83-2	2,4-Dichlorophenol	340.	U
105-67-9	2,4-Dimethylphenol	340.	U
51-28-5	2,4-Dinitrophenol	830.	U
121-14-2	2,4-Dinitrotoluene	340.	U
606-20-2	2,6-Dinitrotoluene	340.	U
91-58-7	2-Chloronaphthalene	340.	U
95-57-8	2-Chlorophenol	340.	U
91-57-6	2-Methylnaphthalene	340.	U
95-48-7	2-Methylphenol (o-Cresol)	340.	U
88-74-4	2-Nitroaniline	830.	U
88-75-5	2-Nitrophenol	340.	U
91-94-1	3,3'-Dichlorobenzidine	340.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	340.	U
99-09-2	3-Nitroaniline	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U
101-55-3	4-Bromophenyl-phenylether	340.	U
59-50-7	4-Chloro-3-methylphenol	340.	U
106-47-8	4-Chloroaniline	340.	U
7005-72-3	4-Chlorophenylphenylether	340.	U
100-01-6	4-Nitroaniline	830.	U
100-02-7	4-Nitrophenol	830.	U
83-32-9	Acenaphthene	340.	U
208-96-8	Acenaphthylene	340.	U
120-12-7	Anthracene	340.	U
56-55-3	Benzo(a)anthracene	340.	U
50-32-8	Benzo(a)pyrene	92.	U
205-99-2	Benzo(b)fluoranthene	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U
207-08-9	Benzo(k)fluoranthene	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

SVOA			
	SAMPLE ID ------->	036-S-4400-07	
	ORIGINAL ID ----->	036S440701	
	LAB SAMPLE ID --->	S680076*5	
	ID FROM REPORT -->	036S440701	
	SAMPLE DATE ----->	01/04/96	
	DATE EXTRACTED -->	01/11/96	
	DATE ANALYZED --->	01/17/96	
	MATRIX ---------->	Soil	
	UNITS ---------->	UG/KG	

CAS #	Parameter	PAD01	VAL
85-68-7	Butylbenzylphthalate	340.	UJ
86-74-8	Carbazole	340.	U
218-01-9	Chrysene	340.	U
84-74-2	Di-n-butylphthalate	340.	U
117-84-0	Di-n-octyl phthalate	340.	UJ
53-70-3	Dibenz(a,h)anthracene	92.	U
132-64-9	Dibenzofuran	340.	U
84-66-2	Diethylphthalate	340.	U
131-11-3	Dimethyl phthalate	340.	U
206-44-0	Fluoranthene	340.	U
86-73-7	Fluorene	340.	U
118-74-1	Hexachlorobenzene	340.	U
87-68-3	Hexachlorobutadiene	340.	U
77-47-4	Hexachlorocyclopentadiene	310.	U
67-72-1	Hexachloroethane	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U
78-59-1	Isophorone	340.	U
621-64-7	N-Nitroso-di-n-propylamine	62.	U
122-39-4	Diphenylamine	340.	U
91-20-3	Naphthalene	340.	U
98-95-3	Nitrobenzene	340.	U
87-86-5	Pentachlorophenol	830.	U
85-01-8	Phenanthrene	340.	U
108-95-2	Phenol	340.	U
129-00-0	Pyrene	340.	U
111-91-1	bis(2-Chloroethoxy)methane	340.	U
111-44-4	bis(2-Chloroethyl)ether	310.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	340.	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	036-S-3700-03		036-S-3800-03		036-S-3800-05		036-C-3800-05		036-S-3800-07		036-S-3800-09	
	ORIGINAL ID ----->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	LAB SAMPLE ID --->	S680076*1		S680047*4		S680047*5		S680047*8		S680047*9		S680047*10	
	ID FROM REPORT -->	036S370301		036S380301		036S380501		036C380501		036S380701		036S380901	
	SAMPLE DATE ----->	01/04/96		01/03/96		01/03/96		01/03/96		01/03/96		01/03/96	
	DATE ANALYZED --->	01/12/96		01/10/96		01/10/96		01/11/96		01/11/96		01/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	10.	U	5.	J	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	10.	U	11.	UJ	11.	UJ	11.	UJ
78-87-5	1,2-Dichloropropane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	3.	J	4.	J	10.	U	8.	J	2.	J	11.	U
591-78-6	2-Hexanone	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	30.		42.		18.		34.	J	58.		21.	
67-64-1	Acetone	30.	U	97.		38.	U	66.	U	160.		26.	U
71-43-2	Benzene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-15-0	Carbon disulfide	11.	UJ	11.	U	10.	U	11.	UJ	11.	UJ	11.	UJ
56-23-5	Carbon tetrachloride	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
74-87-3	Chloromethane	11.	UJ	11.	UJ	10.	UJ	11.	UJ	11.	UJ	11.	UJ
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
100-41-4	Ethylbenzene	0.8	J	11.	U	2.	J	0.5	J	11.	U	11.	U
75-09-2	Methylene chloride	14.	U	11.	U	10.	U	14.		2.	J	1.	J
100-42-5	Styrene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
75-01-4	Vinyl chloride	4.	U	10.	U	4.	U	4.	U	4.	U	4.	U
1330-20-7	Xylene (Total)	5.	J	2.	J	10.	U	3.	J	2.	J	1.	J
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	10.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	036-S-3900-01		036-S-3900-03		036-S-3900-05		036-S-3900-07		036-S-3900-07		036-S-3900-08	
	ORIGINAL ID ----->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	LAB SAMPLE ID --->	S680149*1		S680149*2		S680149*3		S680047*6		S680149*4		S680047*7	
	ID FROM REPORT -->	036S390101		036S390301		036S390501		036S390701		036S390701		036S390801	
	SAMPLE DATE ----->	01/09/96		01/09/96		01/09/96		01/03/96		01/09/96		01/03/96	
	DATE ANALYZED --->	01/12/96		01/12/96		01/12/96		01/10/96		01/12/96		01/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD03	VAL	PAD03	VAL	PAD03	VAL	PAD01	VAL	PAD03	VAL	PAD01	VAL
71-55-6	1,1,1-Trichloroethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
591-78-6	2-Hexanone	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	3.	J	6.	J	24.		6.	J	16.	
67-64-1	Acetone	14.		12.		11.		11.	U	10.	J	18.	U
71-43-2	Benzene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-25-2	Bromoform	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-15-0	Carbon disulfide	11.	UJ	10.	UJ	10.	UJ	10.	U	11.	UJ	11.	U
56-23-5	Carbon tetrachloride	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
108-90-7	Chlorobenzene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
67-66-3	Chloroform	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
74-87-3	Chloromethane	11.	UJ	10.	UJ	10.	UJ	10.	UJ	11.	UJ	11.	UJ
540-59-0	1,2-Dichloroethene (total)	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
100-41-4	Ethylbenzene	11.	U	10.	U	10.	U	1.	J	11.	U	11.	U
75-09-2	Methylene chloride	17.	U	13.	U	18.	U	10.	U	21.	U	11.	U
100-42-5	Styrene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
108-88-3	Toluene	11.	U	3.	J	10.	U	10.	U	11.	U	11.	U
79-01-6	Trichloroethene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
1330-20-7	Xylene (Total)	0.6	J	0.6	J	1.	J	6.	J	0.4	J	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	10.	U	10.	U	10.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	036-S-4100-01		036-S-4100-03		036-S-4100-05		036-S-4400-01		036-S-4400-03		036-S-4400-05	
	ORIGINAL ID ----->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	LAB SAMPLE ID --->	S680047*13		S680047*12		S680047*11		S680076*2		S680076*3		S680076*4	
	ID FROM REPORT -->	036S410101		036S410301		036S410501		036S440101		036S440301		036S440501	
	SAMPLE DATE ----->	01/03/96		01/03/96		01/03/96		01/04/96		01/04/96		01/04/96	
	DATE ANALYZED --->	01/11/96		01/11/96		01/11/96		01/11/96		01/11/96		01/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL	PAD01	VAL
71-55-6	1,1,1-Trichloroethane	10.	U	0.2	J	10.	U	4.	J	10.	UJ	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
107-06-2	1,2-Dichloroethane	10.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ	10.	UJ
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	7.	J	10.	UJ	3.	J
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	21.		10.	U	27.		5.	UJ	15.	U
67-64-1	Acetone	10.	U	71.		16.	U	26.	U	10.	UJ	19.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
75-15-0	Carbon disulfide	10.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ	10.	UJ
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
74-87-3	Chloromethane	10.	UJ	10.	UJ	10.	UJ	11.	UJ	10.	UJ	10.	UJ
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
100-41-4	Ethylbenzene	1.	J	3.	J	10.	U	2.	J	2.	J	10.	U
75-09-2	Methylene chloride	1.	J	2.	J	1.	J	18.		1.	J	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	13.	U	10.	UJ	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	4.	U	4.	UJ	4.	U
1330-20-7	Xylene (Total)	5.	J	13.		2.	J	10.	J	10.	UJ	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	11.	U	10.	UJ	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
SOIL SAMPLES

VOA

SAMPLE ID ------->	036-S-4400-07
ORIGINAL ID ----->	036S440701
LAB SAMPLE ID --->	S680076*5
ID FROM REPORT -->	036S440701
SAMPLE DATE ----->	01/04/96
DATE ANALYZED --->	01/11/95
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	PAD01	VAL
71-55-6	1,1,1-Trichloroethane	0.4	J
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
75-34-3	1,1-Dichloroethane	10.	U
75-35-4	1,1-Dichloroethene	10.	U
107-06-2	1,2-Dichloroethane	10.	UJ
78-87-5	1,2-Dichloropropane	10.	U
78-93-3	2-Butanone (MEK)	5.	J
591-78-6	2-Hexanone	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	28.	U
67-64-1	Acetone	12.	U
71-43-2	Benzene	10.	U
75-27-4	Bromodichloromethane	10.	U
75-25-2	Bromoform	10.	U
74-83-9	Bromomethane	10.	U
75-15-0	Carbon disulfide	10.	UJ
56-23-5	Carbon tetrachloride	10.	U
108-90-7	Chlorobenzene	10.	U
75-00-3	Chloroethane	10.	U
67-66-3	Chloroform	10.	U
74-87-3	Chloromethane	10.	UJ
540-59-0	1,2-Dichloroethene (total)	10.	U
124-48-1	Dibromochloromethane	10.	U
100-41-4	Ethylbenzene	10.	U
75-09-2	Methylene chloride	10.	U
100-42-5	Styrene	10.	U
127-18-4	Tetrachloroethene	10.	U
108-88-3	Toluene	10.	U
79-01-6	Trichloroethene	10.	U
75-01-4	Vinyl chloride	4.	U
1330-20-7	Xylene (Total)	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL													
	SAMPLE ID ------->	036-S-606E-04		036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05	
	ORIGINAL ID ----->	036S606E04		036S606E05		036S606N04		036S606N05		036S606S04		036S606S05	
	LAB SAMPLE ID --->	714504		718242		714497		718244		714515		718246	
	ID FROM REPORT -->	036S606E04		036S606E05		036S606N04		036S606N05		036S606S04		036S606S05	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/15/95		05/08/95		05/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL
57-12-5	Cyanide (CN)	NR		NR		NR		NR		NR		NR	
7439-97-6	Mercury (Hg)	NR		NR		NR		NR		NR		NR	
7429-90-5	Aluminum (Al)	NR		NR		NR		NR		NR		NR	
7440-36-0	Antimony (Sb)	NR		NR		NR		NR		NR		NR	
7440-38-2	Arsenic (As)	NR		NR		NR		NR		NR		NR	
7440-39-3	Barium (Ba)	NR		NR		NR		NR		NR		NR	
7440-41-7	Beryllium (Be)	NR		NR		NR		NR		NR		NR	
7440-43-9	Cadmium (Cd)	NR		NR		NR		NR		NR		NR	
7440-70-2	Calcium (Ca)	NR		NR		NR		NR		NR		NR	
7440-47-3	Chromium (Cr)	NR		NR		NR		NR		NR		NR	
7440-48-4	Cobalt (Co)	NR		NR		NR		NR		NR		NR	
7440-50-8	Copper (Cu)	NR		NR		NR		NR		NR		NR	
7439-89-6	Iron (Fe)	NR		NR		NR		NR		NR		NR	
7439-92-1	Lead (Pb)	NR		NR		NR		NR		NR		NR	
7439-95-4	Magnesium (Mg)	NR		NR		NR		NR		NR		NR	
7439-96-5	Manganese (Mn)	NR		NR		NR		NR		NR		NR	
7440-02-0	Nickel (Ni)	NR		NR		NR		NR		NR		NR	
7440-09-7	Potassium (K)	NR		NR		NR		NR		NR		NR	
7782-49-2	Selenium (Se)	NR		NR		NR		NR		NR		NR	
7440-22-4	Silver (Ag)	NR		NR		NR		NR		NR		NR	
7440-23-5	Sodium (Na)	NR		NR		NR		NR		NR		NR	
7440-28-0	Thallium (Tl)	NR		NR		NR		NR		NR		NR	
7440-62-2	Vanadium (V)	NR		NR		NR		NR		NR		NR	
7440-66-6	Zinc (Zn)	NR		NR		NR		NR		NR		NR	
AL	Aluminum	252.	J	1190.	J	561.	J	293.	J	424.	J	1040.	J
SB	Antimony	0.41	UJ	0.4	UJ	0.43	UJ	0.4	UJ	0.42	UJ	0.4	UJ
AS	Arsenic	0.69	U	0.67	U	1.9	J	0.68	U	0.7	U	0.68	U
BA	Barium	7.4	J	3.5	J	4.8	J	2.6	J	38.6	J	4.9	J
BE	Beryllium	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
CD	Cadmium	0.06	U	0.06	U	0.19	J	0.06	U	0.07	U	0.06	U
CA	Calcium	173.	J	174.	J	249.	J	184.	J	391.	J	207.	J
CR	Chromium	1.	J	1.3	J	2.5		1.5	J	1.5	J	1.5	J
CO	Cobalt	0.13	U	0.13	J	0.13	U	0.13	U	0.15	J	0.18	J
CU	Copper	3.6	J	7.7		8.		6.2		8.5		3.7	J
FE	Iron	568.	J	958.	J	645.	J	443.	J	885.	J	946.	J
PB	Lead	66.3	J	22.6	J	87.2	J	42.6	J	170.	J	28.8	J
MG	Magnesium	11.	U	36.7	J	21.8	U	14.6	U	29.2	U	95.6	J
MN	Manganese	7.4		7.		16.		7.8		23.2		10.	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL													
	SAMPLE ID ------->	036-S-606E-04		036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05	
	ORIGINAL ID ----->	036S606E04		036S606E05		036S606N04		036S606N05		036S606S04		036S606S05	
	LAB SAMPLE ID --->	714504		718242		714497		718244		714515		718246	
	ID FROM REPORT -->	036S606E04		036S606E05		036S606N04		036S606N05		036S606S04		036S606S05	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/15/95		05/08/95		05/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL
HG	Mercury	0.12		0.27		0.18		0.11	U	0.14		0.11	U
NI	Nickel	0.3	U	0.29	U	0.31	U	0.3	U	0.31	U	0.3	U
K	Potassium	14.2	J	24.8	J	19.1	J	18.2	J	22.2	J	35.	J
SE	Selenium	0.94	U	0.92	U	0.99	U	0.93	U	0.96	U	0.94	U
AG	Silver	0.11	UJ	0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.11	UJ
NA	Sodium	123.	J	102.	J	134.	J	101.	J	161.	J	117.	J
TL	Thallium	0.96	U	0.94	U	1.	U	0.95	U	0.98	U	0.96	U
V	Vanadium	0.65	J	2.1	J	1.2	J	0.69	J	0.89	J	2.1	J
ZN	Zinc	28.6		14.6		44.8		9.7		79.6		15.	
CN	Cyanide	0.54	U	0.52	U	0.56	U	0.53	U	0.55	U	0.53	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL													
	SAMPLE ID ------->	036-S-606W-04		036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03	
	ORIGINAL ID ----->	036S606W04		036S606W05		036S627E02		036S627E03		036S627N02		036S627N03	
	LAB SAMPLE ID --->	714524		718250		714481		720398		714471		720404	
	ID FROM REPORT -->	036S606W04		036S606W05		036S627E02		036S627E03		036S627N02		036S627N03	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/19/95		05/08/95		05/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL
57-12-5	Cyanide (CN)	NR		NR		NR		NR		NR		NR	
7439-97-6	Mercury (Hg)	NR		NR		NR		NR		NR		NR	
7429-90-5	Aluminum (Al)	NR		NR		NR		NR		NR		NR	
7440-36-0	Antimony (Sb)	NR		NR		NR		NR		NR		NR	
7440-38-2	Arsenic (As)	NR		NR		NR		NR		NR		NR	
7440-39-3	Barium (Ba)	NR		NR		NR		NR		NR		NR	
7440-41-7	Beryllium (Be)	NR		NR		NR		NR		NR		NR	
7440-43-9	Cadmium (Cd)	NR		NR		NR		NR		NR		NR	
7440-70-2	Calcium (Ca)	NR		NR		NR		NR		NR		NR	
7440-47-3	Chromium (Cr)	NR		NR		NR		NR		NR		NR	
7440-48-4	Cobalt (Co)	NR		NR		NR		NR		NR		NR	
7440-50-8	Copper (Cu)	NR		NR		NR		NR		NR		NR	
7439-89-6	Iron (Fe)	NR		NR		NR		NR		NR		NR	
7439-92-1	Lead (Pb)	NR		NR		NR		NR		NR		NR	
7439-95-4	Magnesium (Mg)	NR		NR		NR		NR		NR		NR	
7439-96-5	Manganese (Mn)	NR		NR		NR		NR		NR		NR	
7440-02-0	Nickel (Ni)	NR		NR		NR		NR		NR		NR	
7440-09-7	Potassium (K)	NR		NR		NR		NR		NR		NR	
7782-49-2	Selenium (Se)	NR		NR		NR		NR		NR		NR	
7440-22-4	Silver (Ag)	NR		NR		NR		NR		NR		NR	
7440-23-5	Sodium (Na)	NR		NR		NR		NR		NR		NR	
7440-28-0	Thallium (Tl)	NR		NR		NR		NR		NR		NR	
7440-62-2	Vanadium (V)	NR		NR		NR		NR		NR		NR	
7440-66-6	Zinc (Zn)	NR		NR		NR		NR		NR		NR	
AL	Aluminum	66.9	U	2850.	J	155.	J	2450.	J	408.	J	560.	J
SB	Antimony	0.46	UJ	0.4	UJ	0.41	UJ	0.41	UJ	0.42	UJ	0.39	UJ
AS	Arsenic	0.77	U	0.68	J	0.7	U	0.69	U	0.7	U	0.66	U
BA	Barium	1.4	J	3.7	J	12.3	J	21.2	J	306.		4.9	J
BE	Beryllium	0.05	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
CD	Cadmium	0.61	J	0.06	U	0.07	U	0.08	J	0.07	U	0.06	U
CA	Calcium	84.5	J	469.	J	389.	J	601.	J	1370.		210.	J
CR	Chromium	0.5	J	2.5		0.47	J	2.7		2.4		0.85	J
CO	Cobalt	0.14	U	0.18	J	0.13	U	0.61	J	0.42	J	0.14	J
CU	Copper	5210.		3.3	J	3.7	J	25.9		16.		9.6	
FE	Iron	279.	J	1720.	J	194.	J	2490.	J	4530.	J	913.	J
PB	Lead	46.7	J	17.1	J	42.4	J	69.5	J	300.	J	22.4	J
MG	Magnesium	12.9	U	66.6	J	68.1	J	84.2	J	126.	J	44.8	J
MN	Manganese	6.9		15.7		6.9		86.		44.5		8.7	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL													
	SAMPLE ID ------->	036-S-606W-04		036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03	
	ORIGINAL ID ----->	036S606W04		036S606W05		036S627E02		036S627E03		036S627N02		036S627N03	
	LAB SAMPLE ID --->	714524		718250		714481		720398		714471		720404	
	ID FROM REPORT -->	036S606W04		036S606W05		036S627E02		036S627E03		036S627N02		036S627N03	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/19/95		05/08/95		05/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL
HG	Mercury	0.48		0.1	U	0.11	U	0.11	U	0.24		0.1	U
NI	Nickel	0.34	U	0.29	U	3.8	J	1.2	U	0.31	U	0.34	U
K	Potassium	9.1	J	31.2	J	50.9	J	138.	J	31.5	J	60.8	J
SE	Selenium	1.1	U	0.92	U	0.96	U	0.94	U	0.96	U	0.91	U
AG	Silver	1.6	J	0.1	UJ	0.11	UJ	0.11	UJ	0.11	UJ	0.1	UJ
NA	Sodium	158.	J	93.9	J	138.	J	146.	J	183.	J	137.	J
TL	Thallium	1.1	U	0.94	U	0.98	U	0.96	U	0.99	U	0.93	U
V	Vanadium	0.22	J	4.4	J	0.28	J	4.3	J	1.2	J	1.3	J
ZN	Zinc	274.		13.8		29.9		52.7		245.		18.2	
CN	Cyanide	0.6	U	0.52	U	0.55	U	NR		0.55	U	0.52	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL													
	SAMPLE ID ------->	036-S-627S-03		036-S-627S-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04	
	ORIGINAL ID ----->	036S627S03		036S627S03		036S627W02		036S627W03		036E000101		036E000201	
	LAB SAMPLE ID --->	720410		714483		714544		720416		951098-13		951098-16	
	ID FROM REPORT -->	036S627S03		036S627S03		036S627W02		036S627W03		036E000101		036E000201	
	SAMPLE DATE ----->			05/08/95		05/08/95		05/19/95		12/29/95		01/02/96	
	DATE EXTRACTED -->									01/09/96		01/09/96	
	DATE ANALYZED --->									01/10/96		01/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	034S11	VAL	034S11	VAL
57-12-5	Cyanide (CN)	NR		NR		NR		NR		0.5	U	0.51	U
7439-97-6	Mercury (Hg)	NR		NR		NR		NR		0.04	U	0.04	U
7429-90-5	Aluminum (Al)	NR		NR		NR		NR		64.4		2140.	
7440-36-0	Antimony (Sb)	NR		NR		NR		NR		0.1	UJ	0.11	UJ
7440-38-2	Arsenic (As)	NR		NR		NR		NR		0.1	UJ	0.36	J
7440-39-3	Barium (Ba)	NR		NR		NR		NR		0.49	J	3.	J
7440-41-7	Beryllium (Be)	NR		NR		NR		NR		0.05	U	0.05	U
7440-43-9	Cadmium (Cd)	NR		NR		NR		NR		0.16	UJ	0.16	UJ
7440-70-2	Calcium (Ca)	NR		NR		NR		NR		66.	J	995.	J
7440-47-3	Chromium (Cr)	NR		NR		NR		NR		0.41	U	2.6	
7440-48-4	Cobalt (Co)	NR		NR		NR		NR		0.16	U	0.25	J
7440-50-8	Copper (Cu)	NR		NR		NR		NR		0.21	U	2.6	
7439-89-6	Iron (Fe)	NR		NR		NR		NR		66.5	J	1050.	J
7439-92-1	Lead (Pb)	NR		NR		NR		NR		1.2		27.1	
7439-95-4	Magnesium (Mg)	NR		NR		NR		NR		8.	J	30.2	J
7439-96-5	Manganese (Mn)	NR		NR		NR		NR		4.4	J	39.4	J
7440-02-0	Nickel (Ni)	NR		NR		NR		NR		0.62	U	0.87	J
7440-09-7	Potassium (K)	NR		NR		NR		NR		5.	UJ	9.8	J
7782-49-2	Selenium (Se)	NR		NR		NR		NR		0.16	U	0.16	U
7440-22-4	Silver (Ag)	NR		NR		NR		NR		0.21	U	0.21	U
7440-23-5	Sodium (Na)	NR		NR		NR		NR		2.4	U	13.	U
7440-28-0	Thallium (Tl)	NR		NR		NR		NR		0.16	U	0.16	U
7440-62-2	Vanadium (V)	NR		NR		NR		NR		0.2	J	3.1	J
7440-66-6	Zinc (Zn)	NR		NR		NR		NR		2.4		7.8	
AL	Aluminum	806.	J	1460.	J	367.	J	583.	J	NR		NR	
SB	Antimony	0.42	J	23.3		0.41	UJ	0.4	UJ	NR		NR	
AS	Arsenic	0.7	U	4.9		0.7	U	0.99	J	NR		NR	
BA	Barium	22.8	J	277.		66.6		8.7	J	NR		NR	
BE	Beryllium	0.04	U	0.05	U	0.04	U	0.04	U	NR		NR	
CD	Cadmium	0.07	J	0.83	J	0.34	J	0.06	U	NR		NR	
CA	Calcium	877.	J	1320.		525.	J	606.	J	NR		NR	
CR	Chromium	1.5	J	5.8		7.4		1.1	J	NR		NR	
CO	Cobalt	0.33	J	0.48	J	0.13	U	0.35	J	NR		NR	
CU	Copper	33.1		11.7		26.8		20.6		NR		NR	
FE	Iron	1220.	J	12200.	J	495.	J	1510.	J	NR		NR	
PB	Lead	122.	J	1960.	J	231.	J	61.2	J	NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL													
	SAMPLE ID ------->	036-S-627S-03		036-S-627S-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04	
	ORIGINAL ID ----->	036S627S03		036S627S03		036S627W02		036S627W03		036E000101		036E000201	
	LAB SAMPLE ID --->	720410		714483		714544		720416		951098-13		951098-16	
	ID FROM REPORT -->	036S627S03		036S627S03		036S627W02		036S627W03		036E000101		036E000201	
	SAMPLE DATE ----->			05/08/95		05/08/95		05/19/95		12/29/95		01/02/96	
	DATE EXTRACTED -->									01/09/96		01/09/96	
	DATE ANALYZED --->									01/10/96		01/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	06596M	VAL	06596M	VAL	06596M	VAL	06596M	VAL	034S11	VAL	034S11	VAL
MG	Magnesium	132.	J	115.	J	50.6	J	49.	J	NR		NR	
MN	Manganese	16.6		42.		6.4		19.4		NR		NR	
HG	Mercury	0.14		0.12	U	0.2		0.1	U	NR		NR	
NI	Nickel	0.38	U	0.32	U	0.3	U	0.9	U	NR		NR	
K	Potassium	72.9	J	54.5	J	26.5	J	38.3	J	NR		NR	
SE	Selenium	0.96	U	1.	U	0.96	U	0.92	U	NR		NR	
AG	Silver	0.11	UJ	0.12	UJ	0.11	UJ	0.1	UJ	NR		NR	
NA	Sodium	142.	J	182.	J	160.	J	134.	J	NR		NR	
TL	Thallium	0.98	U	1.	U	0.98	U	0.94	U	NR		NR	
V	Vanadium	2.	J	4.6	J	1.1	J	1.5	J	NR		NR	
ZN	Zinc	103.		247.		46.4		42.4		NR		NR	
CN	Cyanide	0.55	U	0.58	U	0.54	U	0.52	U	NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL									
		SAMPLE ID ------->	036-S-E003-04		036-S-E004-04				
		ORIGINAL ID ----->	036E000301		036E000401				
		LAB SAMPLE ID --->	951098-14		951098-15				
		ID FROM REPORT -->	036E000301		036E000401				
		SAMPLE DATE ----->	12/29/95		01/02/96				
		DATE EXTRACTED -->	01/09/96		01/09/96				
		DATE ANALYZED --->	01/10/96		01/10/96				
		MATRIX ---------->	Soil		Soil				
		UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter		034S11	VAL	034S11	VAL			
57-12-5	Cyanide (CN)		0.5	U	0.51	U			
7439-97-6	Mercury (Hg)		0.05	U	0.04	U			
7429-90-5	Aluminum (Al)		3320.		2480.				
7440-36-0	Antimony (Sb)		0.11	UJ	0.11	UJ			
7440-38-2	Arsenic (As)		0.59	J	0.52	J			
7440-39-3	Barium (Ba)		3.1	J	2.5	J			
7440-41-7	Beryllium (Be)		0.05	U	0.06	U			
7440-43-9	Cadmium (Cd)		0.16	UJ	0.17	UJ			
7440-70-2	Calcium (Ca)		8660.	J	253.	J			
7440-47-3	Chromium (Cr)		2.7		2.				
7440-48-4	Cobalt (Co)		0.19	J	0.24	J			
7440-50-8	Copper (Cu)		2.5		1.5				
7439-89-6	Iron (Fe)		1620.	J	1240.	J			
7439-92-1	Lead (Pb)		26.4		15.5				
7439-95-4	Magnesium (Mg)		89.4	J	25.7	J			
7439-96-5	Manganese (Mn)		22.	J	22.1	J			
7440-02-0	Nickel (Ni)		0.89	J	1.3	J			
7440-09-7	Potassium (K)		15.8	J	15.3	J			
7782-49-2	Selenium (Se)		0.16	U	0.17	U			
7440-22-4	Silver (Ag)		0.22	U	0.23	U			
7440-23-5	Sodium (Na)		67.3	J	5.8	U			
7440-28-0	Thallium (Tl)		0.16	U	0.17	U			
7440-62-2	Vanadium (V)		4.5	J	3.4	J			
7440-66-6	Zinc (Zn)		8.8		4.2				
AL	Aluminum		NR		NR				
SB	Antimony		NR		NR				
AS	Arsenic		NR		NR				
BA	Barium		NR		NR				
BE	Beryllium		NR		NR				
CD	Cadmium		NR		NR				
CA	Calcium		NR		NR				
CR	Chromium		NR		NR				
CO	Cobalt		NR		NR				
CU	Copper		NR		NR				
FE	Iron		NR		NR				
PB	Lead		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

METAL								
	SAMPLE ID ------->	036-S-E003-04		036-S-E004-04				
	ORIGINAL ID ----->	036E000301		036E000401				
	LAB SAMPLE ID --->	951098-14		951098-15				
	ID FROM REPORT -->	036E000301		036E000401				
	SAMPLE DATE ----->	12/29/95		01/02/96				
	DATE EXTRACTED -->	01/09/96		01/09/96				
	DATE ANALYZED --->	01/10/96		01/10/96				
	MATRIX ---------->	Soil		Soil				
	UNITS ----------->	MG/KG		MG/KG				
CAS #	Parameter	034S11	VAL	034S11	VAL			
MG	Magnesium	NR		NR				
MN	Manganese	NR		NR				
HG	Mercury	NR		NR				
NI	Nickel	NR		NR				
K	Potassium	NR		NR				
SE	Selenium	NR		NR				
AG	Silver	NR		NR				
NA	Sodium	NR		NR				
TL	Thallium	NR		NR				
V	Vanadium	NR		NR				
ZN	Zinc	NR		NR				
CN	Cyanide	NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

PEST															
	SAMPLE ID ------->	036-S-606E-04		036-S-606E-05		036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606N-05	
	ORIGINAL ID ----->	036S606E04		036S606E05		036S606E05		036S606N04		036S606N05		036S606N05	
	LAB SAMPLE ID --->	714501		718241		731585		714492		718243		731586	
	ID FROM REPORT -->	36S606E04		36S606E05		036S606E05		36S606N04		36S606N05		036S606N05	
	SAMPLE DATE ----->	05/08/95		05/15/95		06/14/95		05/08/95		05/15/95		06/14/95	
	DATE EXTRACTED -->	05/15/95		06/10/95		06/15/95		05/15/95		06/10/95		06/15/95	
	DATE ANALYZED --->	05/26/95		06/19/95		06/17/95		05/26/95		06/19/95		06/17/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00008	VAL	00006	VAL	00006	VAL	00008	VAL
12674-11-2	Aroclor-1016	39.	U	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U
11104-28-2	Aroclor-1221	79.	U	70.	UJ	68.	U	75.	UJ	71.	UJ	68.	U
11141-16-5	Aroclor-1232	39.	U	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U
53469-21-9	Aroclor-1242	39.	U	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U
12672-29-6	Aroclor-1248	39.	U	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U
11097-69-1	Aroclor-1254	39.	U	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U
11096-82-5	Aroclor-1260	39.	U	34.	UJ	33.	U	37.	UJ	35.	UJ	33.	U
72-54-8	4,4'-DDD	3.9	U	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U
72-55-9	4,4'-DDE	3.9	U	0.12	J	3.3	U	3.7	UJ	0.096	J	3.3	U
50-29-3	4,4'-DDT	3.9	U	3.4	UJ	0.22	J	3.7	UJ	3.5	UJ	0.17	J
309-00-2	Aldrin	0.096	J	1.8	UJ	1.7	U	1.9	UJ	0.047	J	1.7	U
60-57-1	Dieldrin	3.9	U	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U
959-98-8	Endosulfan I	2.	U	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U
33213-65-9	Endosulfan II	3.9	U	3.4	UJ	0.26	J	3.7	UJ	0.11	J	3.3	U
1031-07-8	Endosulfan sulfate	3.9	U	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U
72-20-8	Endrin	3.9	U	3.4	UJ	0.64	J	3.7	UJ	3.5	UJ	3.3	U
7421-93-4	Endrin aldehyde	3.9	U	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U
53494-70-5	Endrin ketone	3.9	U	3.4	UJ	3.3	U	3.7	UJ	3.5	UJ	3.3	U
76-44-8	Heptachlor	2.	U	0.12	J	1.7	U	1.9	UJ	1.8	UJ	1.7	U
1024-57-3	Heptachlor epoxide	2.	U	1.8	UJ	0.12	J	1.9	UJ	1.8	UJ	1.7	U
72-43-5	Methoxychlor	3.9	U	18.	UJ	0.97	J	19.	UJ	18.	UJ	17.	U
8001-35-2	Toxaphene	200.	U	180.	UJ	170.	U	190.	UJ	180.	UJ	170.	U
319-84-6	alpha-BHC	2.	U	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U
5103-71-9	alpha-Chlordane	2.	U	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U
319-85-7	beta-BHC	2.	U	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U
319-86-8	delta-BHC	2.	U	1.8	UJ	0.17	J	1.9	UJ	1.8	UJ	0.31	J
58-89-9	gamma-BHC (Lindane)	2.	U	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U
5103-74-2	gamma-Chlordane	2.	U	1.8	UJ	1.7	U	1.9	UJ	1.8	UJ	1.7	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

PEST													
	SAMPLE ID ------->	036-S-606S-04		036-S-606S-05		036-S-606S-05		036-S-606W-04		036-S-606W-05		036-S-606W-05	
	ORIGINAL ID ----->	036S606S04		036S606S05		036S606S05		036S606W04		036S606W05		036S606W05	
	LAB SAMPLE ID --->	714513		718245		731587		714516		718249		731588	
	ID FROM REPORT -->	36S606S04		36S606S05		036S606S05		36S606W04		36S606W05		036S606W05	
	SAMPLE DATE ----->	05/08/95		05/15/95		06/14/95		05/08/95		05/15/95		06/14/95	
	DATE EXTRACTED -->	05/15/95		06/10/95		06/15/95		05/15/95		06/10/95		06/15/95	
	DATE ANALYZED --->	05/26/95		06/19/95		06/17/95		05/26/95		06/19/95		06/17/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00008	VAL	00006	VAL	00006	VAL	00008	VAL
12674-11-2	Aroclor-1016	36.	U	35.	UJ	33.	U	40.	U	35.	UJ	33.	U
11104-28-2	Aroclor-1221	73.	U	72.	UJ	68.	U	81.	U	71.	UJ	68.	U
11141-16-5	Aroclor-1232	36.	U	35.	UJ	33.	U	40.	U	35.	UJ	33.	U
53469-21-9	Aroclor-1242	36.	U	35.	UJ	33.	U	40.	U	35.	UJ	33.	U
12672-29-6	Aroclor-1248	36.	U	35.	UJ	33.	U	40.	U	35.	UJ	33.	U
11097-69-1	Aroclor-1254	36.	U	35.	UJ	33.	U	40.	U	35.	UJ	33.	U
11096-82-5	Aroclor-1260	36.	U	35.	UJ	33.	U	40.	U	35.	UJ	33.	U
72-54-8	4,4'-DDD	3.6	U	3.5	UJ	3.3	U	4.	U	3.5	UJ	0.18	J
72-55-9	4,4'-DDE	3.6	U	3.5	UJ	3.3	U	4.	U	3.5	UJ	3.3	U
50-29-3	4,4'-DDT	3.6	U	3.5	UJ	3.3	U	4.	U	0.33	J	3.3	U
309-00-2	Aldrin	0.12	J	1.8	UJ	1.7	U	0.23	J	1.8	UJ	1.7	U
60-57-1	Dieldrin	3.6	U	3.5	UJ	3.3	U	4.	U	3.5	UJ	3.3	U
959-98-8	Endosulfan I	1.9	U	1.8	UJ	1.7	U	2.	U	0.092	J	1.7	U
33213-65-9	Endosulfan II	3.6	U	3.5	UJ	3.3	U	4.	U	3.5	UJ	0.24	J
1031-07-8	Endosulfan sulfate	3.6	U	3.5	UJ	3.3	U	4.	U	3.5	UJ	3.3	U
72-20-8	Endrin	3.6	U	3.5	UJ	3.3	U	4.	U	3.5	UJ	1.	J
7421-93-4	Endrin aldehyde	3.6	U	0.21	J	3.3	U	4.	U	3.5	UJ	3.3	U
53494-70-5	Endrin ketone	3.6	U	3.5	UJ	3.3	U	4.	U	0.41	J	3.3	U
76-44-8	Heptachlor	1.9	U	0.087	J	1.7	U	2.	U	0.11	J	1.7	U
1024-57-3	Heptachlor epoxide	1.9	U	1.8	UJ	1.7	U	2.	U	1.8	UJ	0.24	J
72-43-5	Methoxychlor	19.	U	18.	UJ	17.	U	20.	U	4.3	J	1.2	J
8001-35-2	Toxaphene	190.	U	180.	UJ	170.	U	200.	U	180.	UJ	170.	U
319-84-6	alpha-BHC	1.9	U	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U
5103-71-9	alpha-Chlordane	1.9	U	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U
319-85-7	beta-BHC	1.9	U	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U
319-86-8	delta-BHC	1.9	U	1.8	UJ	1.7	U	2.	U	1.8	UJ	0.46	J
58-89-9	gamma-BHC (Lindane)	1.9	U	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U
5103-74-2	gamma-Chlordane	1.9	U	1.8	UJ	1.7	U	2.	U	1.8	UJ	1.7	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

PEST													
	SAMPLE ID ------->	036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03		036-S-627S-03		036-S-627S-03	
	ORIGINAL ID ----->	036S627E02		036S627E03		036S627N02		036S627N03		36S627S03		036S627S03	
	LAB SAMPLE ID --->	714479		720397		714459		720401		714482		720406	
	ID FROM REPORT -->	36S627E02		36S627E03		36S627N02		36S627N03		36S627S03		36S622S03	
	SAMPLE DATE ----->	05/08/95		05/19/95		05/08/95		05/19/95		05/08/95		05/19/95	
	DATE EXTRACTED -->	05/15/95		05/30/95		05/15/95		05/30/95		05/15/95		05/30/95	
	DATE ANALYZED --->	05/26/95		06/17/95		05/26/95		06/20/95		05/26/95		06/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
12674-11-2	Aroclor-1016	36.	U	36.	U	36.	U	34.	U	38.	U	35.	U
11104-28-2	Aroclor-1221	73.	U	73.	U	74.	U	69.	U	77.	U	72.	U
11141-16-5	Aroclor-1232	36.	U	36.	U	36.	U	34.	U	38.	U	35.	U
53469-21-9	Aroclor-1242	36.	U	36.	U	36.	U	34.	U	38.	U	35.	U
12672-29-6	Aroclor-1248	36.	U	36.	U	36.	U	34.	U	38.	U	35.	U
11097-69-1	Aroclor-1254	36.	U	36.	U	36.	U	34.	U	38.	U	35.	U
11096-82-5	Aroclor-1260	36.	U	36.	U	36.	U	34.	U	38.	U	35.	U
72-54-8	4,4'-DDD	3.6	U	3.6	U	3.6	U	3.4	U	6.5		3.5	U
72-55-9	4,4'-DDE	3.6	U	3.6	U	3.6	U	3.4	U	2.	J	3.5	U
50-29-3	4,4'-DDT	3.6	U	3.6	U	0.61	J	3.4	U	0.74	J	3.5	U
309-00-2	Aldrin	1.8	U	1.8	U	1.9	U	1.8	U	1.9	U	0.44	J
60-57-1	Dieldrin	3.6	U	3.6	U	3.6	U	3.4	U	3.8	U	3.5	U
959-98-8	Endosulfan I	1.8	U	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U
33213-65-9	Endosulfan II	3.6	U	3.6	U	3.6	U	3.4	U	3.8	U	3.5	U
1031-07-8	Endosulfan sulfate	3.6	U	0.66	J	3.6	U	3.4	U	3.8	U	1.4	J
72-20-8	Endrin	3.6	U	3.6	U	0.33	J	3.4	U	3.8	U	3.5	U
7421-93-4	Endrin aldehyde	3.6	U	3.6	U	3.6	U	3.4	U	3.8	U	3.5	U
53494-70-5	Endrin ketone	3.6	U	0.45	J	3.6	U	3.4	U	3.8	U	0.17	J
76-44-8	Heptachlor	1.8	U	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U
72-43-5	Methoxychlor	18.	U	0.58	J	19.	U	18.	U	1.9	U	0.64	J
8001-35-2	Toxaphene	180.	U	180.	U	190.	U	180.	U	190.	U	180.	U
319-84-6	alpha-BHC	1.8	U	0.054	J	1.9	U	1.8	U	1.9	U	1.8	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	0.18	J	1.8	U	0.1	J	1.8	U
319-85-7	beta-BHC	1.8	U	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U
319-86-8	delta-BHC	1.8	U	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	1.9	U	1.8	U	1.9	U	1.8	U
5103-74-2	gamma-Chlordane	1.8	U	1.8	U	0.071	J	0.075	J	0.21	J	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

PEST																	
	SAMPLE ID ------->	036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04		036-S-E003-04		036-S-E004-04	
	ORIGINAL ID ----->	036S627W02		036S627W03		036E000101		036E000201		036E000301		036E000401	
	LAB SAMPLE ID --->	714485		720413		951098-13		951098-16		951098-14		951098-15	
	ID FROM REPORT -->	36S627W02		36S627W03		036E000101		036E000201		036E000301		036E000401	
	SAMPLE DATE ----->	05/08/95		05/19/95		12/29/95		12/29/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	05/15/95		05/30/95		01/07/96		01/07/96		01/07/96		01/07/96	
	DATE ANALYZED --->	05/26/95		06/20/95		01/27/96		01/31/96		01/31/96		01/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	034S11	VAL	034S11	VAL	034S11	VAL	034S11	VAL
12674-11-2	Aroclor-1016	35.	U	35.	U	3.9	U	3.4	U	3.5	U	4.	U
11104-28-2	Aroclor-1221	72.	U	70.	U	8.	U	7.	U	7.	U	8.	U
11141-16-5	Aroclor-1232	35.	U	35.	U	3.9	U	3.4	U	3.5	U	4.	U
53469-21-9	Aroclor-1242	35.	U	35.	U	3.9	U	3.4	U	3.5	U	4.	U
12672-29-6	Aroclor-1248	35.	U	35.	U	3.9	U	3.4	U	3.5	U	4.	U
11097-69-1	Aroclor-1254	35.	U	35.	U	3.9	U	3.4	U	12.		4.	U
11096-82-5	Aroclor-1260	8.	J	35.	U	3.9	U	3.4	U	3.5	U	4.	U
72-54-8	4,4'-DDD	3.5	U	3.5	U	0.69		1.2	J	0.18	U	0.2	U
72-55-9	4,4'-DDE	0.1	J	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U
50-29-3	4,4'-DDT	0.39	J	3.5	U	0.27		0.71	J	0.23	J	0.2	U
309-00-2	Aldrin	1.8	U	0.57	J	0.099	U	0.086	U	0.087	U	0.1	U
60-57-1	Dieldrin	3.5	U	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U
959-98-8	Endosulfan I	1.8	U	1.8	U	0.39	J	0.086	U	0.087	U	0.1	U
33213-65-9	Endosulfan II	3.5	U	3.5	U	0.2	U	0.18	U	0.18	U	0.22	
1031-07-8	Endosulfan sulfate	3.5	U	0.69	J	0.2	U	0.18	U	0.18	U	0.2	U
72-20-8	Endrin	3.5	U	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U
7421-93-4	Endrin aldehyde	3.5	U	3.5	U	0.2	U	0.18	U	0.18	U	0.2	U
53494-70-5	Endrin ketone	3.5	U	3.5	U	0.2	U	0.16	J	0.18	U	0.2	U
76-44-8	Heptachlor	1.8	U	1.8	U	0.099	U	0.54	J	0.087	U	0.1	U
1024-57-3	Heptachlor epoxide	1.8	U	1.8	U	0.099	U	2.9	J	0.27	J	0.1	U
72-43-5	Methoxychlor	1.8	U	1.8	U	0.99	U	0.86	U	0.87	U	1.	U
8001-35-2	Toxaphene	180.	U	180.	U	20.	U	18.	U	18.	U	20.	U
319-84-6	alpha-BHC	1.8	U	1.8	U	0.099	U	0.086	U	0.087	U	0.1	U
5103-71-9	alpha-Chlordane	1.8	U	1.8	U	0.099	U	1.	J	0.087	U	0.1	U
319-85-7	beta-BHC	1.8	U	1.8	U	0.099	U	0.086	U	0.087	U	0.1	U
319-86-8	delta-BHC	1.8	U	0.29	J	0.099	U	0.086	U	0.087	U	0.1	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	U	0.099	U	0.086	U	0.087	U	0.1	U
5103-74-2	gamma-Chlordane	0.099	J	0.17	J	0.099	U	6.9	J	0.1	U	0.1	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA													
	SAMPLE ID ------->	036-S-606E-04		036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05	
	ORIGINAL ID ----->	036S606E04		036S606E05		036S606N04		036S606N05		036S606S04		036S606S05	
	LAB SAMPLE ID --->	714501		718241		714492		718243		714513		718245	
	ID FROM REPORT -->	36S606E04		36S606E05		36S606N04		36S606N05		36S606S04		36S606S05	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/15/95		05/08/95		05/15/95	
	DATE EXTRACTED -->	05/16/95		05/27/95		05/16/95		05/27/95		05/16/95		05/27/95	
	DATE ANALYZED --->	05/23/95		06/10/95		05/23/95		06/10/95		05/23/95		06/10/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
120-82-1	1,2,4-Trichlorobenzene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
95-50-1	1,2-Dichlorobenzene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
541-73-1	1,3-Dichlorobenzene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
106-46-7	1,4-Dichlorobenzene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U	340.	U	370.	U	350.	U	360.	UJ	350.	U
95-95-4	2,4,5-Trichlorophenol	970.	U	860.	U	930.	U	880.	U	910.	U	890.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
120-83-2	2,4-Dichlorophenol	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
105-67-9	2,4-Dimethylphenol	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
51-28-5	2,4-Dinitrophenol	970.	U	860.	U	930.	U	880.	U	910.	U	890.	U
121-14-2	2,4-Dinitrotoluene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
606-20-2	2,6-Dinitrotoluene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
91-58-7	2-Chloronaphthalene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
95-57-8	2-Chlorophenol	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
91-57-6	2-Methylnaphthalene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
88-74-4	2-Nitroaniline	970.	U	860.	U	930.	U	880.	U	910.	UJ	890.	U
88-75-5	2-Nitrophenol	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
91-94-1	3,3'-Dichlorobenzidine	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
99-09-2	3-Nitroaniline	970.	U	860.	U	930.	U	880.	U	910.	U	890.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	970.	U	860.	U	930.	U	880.	U	910.	U	890.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
106-47-8	4-Chloroaniline	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
100-01-6	4-Nitroaniline	970.	U	860.	U	930.	U	880.	U	910.	U	890.	U
100-02-7	4-Nitrophenol	970.	U	860.	U	930.	U	880.	U	910.	U	890.	U
83-32-9	Acenaphthene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
208-96-8	Acenaphthylene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
120-12-7	Anthracene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
56-55-3	Benzo(a)anthracene	390.	U	45.	J	370.	U	350.	U	360.	U	56.	J
50-32-8	Benzo(a)pyrene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
205-99-2	Benzo(b)fluoranthene	390.	U	340.	U	370.	U	350.	U	42.	J	130.	J
191-24-2	Benzo(g,h,i)perylene	390.	UJ	340.	UJ	370.	UJ	350.	UJ	360.	U	350.	UJ
207-08-9	Benzo(k)fluoranthene	390.	U	340.	U	370.	U	350.	U	44.	J	100.	J

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA													
	SAMPLE ID ------->	036-S-606E-04		036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05	
	ORIGINAL ID ----->	036S606E04		036S606E05		036S606N04		036S606N05		036S606S04		036S606S05	
	LAB SAMPLE ID --->	714501		718241		714492		718243		714513		718245	
	ID FROM REPORT -->	36S606E04		36S606E05		36S606N04		36S606N05		36S606S04		36S606S05	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/15/95		05/08/95		05/15/95	
	DATE EXTRACTED -->	05/16/95		05/27/95		05/16/95		05/27/95		05/16/95		05/27/95	
	DATE ANALYZED --->	05/23/95		06/10/95		05/23/95		06/10/95		05/23/95		06/10/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	340.	U	30.	J	350.	U	20.	J	350.	U
85-68-7	Butylbenzylphthalate	390.	U	340.	U	46.	J	350.	U	360.	U	350.	U
86-74-8	Carbazole	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
218-01-9	Chrysene	390.	U	40.	J	370.	U	350.	U	360.	U	61.	J
84-74-2	Di-n-butylphthalate	52.	J	84.	J	370.	U	72.	J	360.	U	96.	J
117-84-0	Di-n-octyl phthalate	390.	UJ	340.	U	370.	UJ	350.	U	360.	U	350.	U
53-70-3	Dibenz(a,h)anthracene	390.	UJ	340.	UJ	370.	UJ	350.	UJ	360.	U	350.	UJ
132-64-9	Dibenzofuran	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
84-66-2	Diethylphthalate	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
131-11-3	Dimethyl phthalate	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
206-44-0	Fluoranthene	62.	J	340.	U	34.	J	350.	U	360.	U	52.	J
86-73-7	Fluorene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
118-74-1	Hexachlorobenzene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
87-68-3	Hexachlorobutadiene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	340.	UJ	370.	U	350.	UJ	360.	U	350.	UJ
67-72-1	Hexachloroethane	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U	340.	UJ	370.	U	350.	UJ	360.	U	350.	UJ
78-59-1	Isophorone	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
91-20-3	Naphthalene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
98-95-3	Nitrobenzene	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
87-86-5	Pentachlorophenol	970.	U	860.	U	930.	U	880.	U	910.	U	890.	U
85-01-8	Phenanthrene	42.	J	340.	U	370.	U	350.	U	360.	U	350.	U
108-95-2	Phenol	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
129-00-0	Pyrene	50.	J	340.	U	56.	J	350.	U	360.	U	55.	J
111-91-1	bis(2-Chloroethoxy)methane	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	340.	U	370.	U	350.	U	360.	U	350.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA													
	SAMPLE ID ------->	036-S-606W-04		036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03	
	ORIGINAL ID ----->	036S606W04		036S606W05		036S627E02		036S627E03		036S627N02		036S627N03	
	LAB SAMPLE ID --->	714516		718249		714479		720397		714459		720401	
	ID FROM REPORT -->	36S606W04		36S606W05		36S627E02		36S627E03		36S627N02		36S627N03	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/19/95		05/08/95		05/19/95	
	DATE EXTRACTED -->	05/16/95		05/27/95		05/16/95		05/26/95		05/16/95		05/26/95	
	DATE ANALYZED --->	05/23/95		06/10/95		05/23/95		06/12/95		05/23/95		06/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
120-82-1	1,2,4-Trichlorobenzene	400.	U	350.	U	360.	U	360.	U	360.	UJ	340.	U
95-50-1	1,2-Dichlorobenzene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
541-73-1	1,3-Dichlorobenzene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
106-46-7	1,4-Dichlorobenzene	400.	U	350.	U	360.	U	360.	U	360.	UJ	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	UJ	350.	U	360.	U	360.	U	360.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	990.	U	870.	U	900.	U	890.	U	900.	U	860.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
120-83-2	2,4-Dichlorophenol	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
105-67-9	2,4-Dimethylphenol	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
51-28-5	2,4-Dinitrophenol	990.	U	870.	U	900.	U	890.	U	900.	U	860.	U
121-14-2	2,4-Dinitrotoluene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
606-20-2	2,6-Dinitrotoluene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
91-58-7	2-Chloronaphthalene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
95-57-8	2-Chlorophenol	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
91-57-6	2-Methylnaphthalene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
88-74-4	2-Nitroaniline	990.	UJ	870.	U	900.	U	890.	UJ	900.	U	860.	UJ
88-75-5	2-Nitrophenol	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
99-09-2	3-Nitroaniline	990.	U	870.	U	900.	U	890.	U	900.	U	860.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	990.	U	870.	U	900.	U	890.	U	900.	U	860.	U
101-55-3	4-Bromophenyl-phenylether	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
106-47-8	4-Chloroaniline	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
100-01-6	4-Nitroaniline	990.	U	870.	U	900.	U	890.	U	900.	U	860.	U
100-02-7	4-Nitrophenol	990.	U	870.	U	900.	U	890.	U	900.	U	860.	U
83-32-9	Acenaphthene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
208-96-8	Acenaphthylene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
120-12-7	Anthracene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
56-55-3	Benzo(a)anthracene	360.	J	580.		360.	U	52.	J	74.	J	340.	U
50-32-8	Benzo(a)pyrene	340.	J	570.		360.	U	37.	J	90.	J	340.	U
205-99-2	Benzo(b)fluoranthene	660.		1300.		360.	U	91.	J	280.	J	340.	UJ
191-24-2	Benzo(g,h,i)perylene	270.	J	340.	J	360.	UJ	360.	UJ	360.	UJ	340.	UJ
207-08-9	Benzo(k)fluoranthene	680.		1000.		360.	U	110.	J	250.	J	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA													
	SAMPLE ID ------->	036-S-606W-04		036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03	
	ORIGINAL ID ----->	036S606W04		036S606W05		036S627E02		036S627E03		036S627N02		036S627N03	
	LAB SAMPLE ID --->	714516		718249		714479		720397		714459		720401	
	ID FROM REPORT -->	36S606W04		36S606W05		36S627E02		36S627E03		36S627N02		36S627N03	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/19/95		05/08/95		05/19/95	
	DATE EXTRACTED -->	05/16/95		05/27/95		05/16/95		05/26/95		05/16/95		05/26/95	
	DATE ANALYZED --->	05/23/95		06/10/95		05/23/95		06/12/95		05/23/95		06/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	15.	J	350.	U	360.	U	360.	U	62.	J	340.	U
85-68-7	Butylbenzylphthalate	400.	U	350.	U	360.	U	360.	U	52.	J	340.	U
86-74-8	Carbazole	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
218-01-9	Chrysene	410.		470.		360.	U	64.	J	180.	J	340.	U
84-74-2	Di-n-butylphthalate	400.	U	68.	J	62.	J	360.	U	47.	J	340.	U
117-84-0	Di-n-octyl phthalate	400.	U	350.	U	360.	UJ	360.	UJ	360.	UJ	340.	UJ
53-70-3	Dibenz(a,h)anthracene	74.	J	150.	J	360.	UJ	360.	UJ	360.	UJ	340.	UJ
132-64-9	Dibenzofuran	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
84-66-2	Diethylphthalate	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
131-11-3	Dimethyl phthalate	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
206-44-0	Fluoranthene	410.		580.		360.	U	65.	J	210.	J	340.	U
86-73-7	Fluorene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
118-74-1	Hexachlorobenzene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
87-68-3	Hexachlorobutadiene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	400.	U	350.	UJ	360.	U	360.	U	360.	U	340.	U
67-72-1	Hexachloroethane	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	240.	J	300.	J	360.	U	360.	UJ	360.	U	340.	UJ
78-59-1	Isophorone	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
86-30-6	N-Nitrosodiphenylamine	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
91-20-3	Naphthalene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
98-95-3	Nitrobenzene	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
87-86-5	Pentachlorophenol	990.	U	870.	U	900.	U	890.	U	900.	U	860.	U
85-01-8	Phenanthrene	400.	U	43.	J	360.	U	42.	J	170.	J	340.	U
108-95-2	Phenol	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
129-00-0	Pyrene	600.		500.		360.	U	62.	J	320.	J	340.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	400.	U	350.	U	360.	U	360.	U	360.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA													
	SAMPLE ID ------->	036-S-627S-03		036-S-627S-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04	
	ORIGINAL ID ----->	036S627S03		036S627S03		036S627W02		036S627W03		036E000101		036E000201	
	LAB SAMPLE ID --->	714482		720406		714485		720413		951098-13		951098-16	
	ID FROM REPORT -->	36S627S03		36S627S03		36S627W02		36S627W03		036E000101		036E000201	
	SAMPLE DATE ----->			05/19/95		05/08/95		05/19/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	05/16/95		05/26/95		05/16/95		05/26/95		01/05/96		01/05/96	
	DATE ANALYZED --->	05/23/95		06/12/95		05/23/95		06/12/95		01/13/96		01/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	034S11	VAL	034S11	VAL
120-82-1	1,2,4-Trichlorobenzene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
95-50-1	1,2-Dichlorobenzene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
541-73-1	1,3-Dichlorobenzene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
106-46-7	1,4-Dichlorobenzene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	950.	U	880.	U	890.	U	870.	U	940.	U	830.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
120-83-2	2,4-Dichlorophenol	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
105-67-9	2,4-Dimethylphenol	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
51-28-5	2,4-Dinitrophenol	950.	U	880.	U	890.	U	870.	U	940.	U	830.	U
121-14-2	2,4-Dinitrotoluene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
606-20-2	2,6-Dinitrotoluene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
91-58-7	2-Chloronaphthalene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
95-57-8	2-Chlorophenol	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
91-57-6	2-Methylnaphthalene	380.	U	350.	U	350.	U	350.	U	39.	U	34.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
88-74-4	2-Nitroaniline	950.	U	880.	UJ	890.	U	870.	UJ	390.	U	340.	U
88-75-5	2-Nitrophenol	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
99-09-2	3-Nitroaniline	950.	U	880.	U	890.	U	870.	U	940.	U	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	950.	U	880.	U	890.	U	870.	U	940.	U	830.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
106-47-8	4-Chloroaniline	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
100-01-6	4-Nitroaniline	950.	U	880.	U	890.	U	870.	U	940.	U	830.	U
100-02-7	4-Nitrophenol	950.	U	880.	U	890.	U	870.	U	940.	UJ	830.	UJ
83-32-9	Acenaphthene	380.	U	350.	U	350.	U	350.	U	19.	U	17.	U
208-96-8	Acenaphthylene	380.	U	350.	U	350.	U	350.	U	39.	U	34.	U
120-12-7	Anthracene	380.	U	350.	U	350.	U	350.	U	39.	U	34.	U
56-55-3	Benzo(a)anthracene	380.	U	110.	J	350.	U	350.	U	39.	U	42.	
50-32-8	Benzo(a)pyrene	380.	J	95.	J	350.	U	350.	U	39.	U	44.	
205-99-2	Benzo(b)fluoranthene	380.	J	160.	J	350.	U	54.	J	39.	U	43.	J
191-24-2	Benzo(g,h,i)perylene	380.	UJ	350.	UJ	350.	UJ	350.	UJ	39.	U	29.	J
207-08-9	Benzo(k)fluoranthene	380.	J	200.	J	350.	U	70.	J	39.	U	37.	J

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA													
	SAMPLE ID ------->	036-S-627S-03		036-S-627S-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04	
	ORIGINAL ID ----->	036S627S03		036S627S03		036S627W02		036S627W03		036E000101		036E000201	
	LAB SAMPLE ID --->	714482		720406		714485		720413		951098-13		951098-16	
	ID FROM REPORT -->	36S627S03		36S627S03		36S627W02		36S627W03		036E000101		036E000201	
	SAMPLE DATE ----->			05/19/95		05/08/95		05/19/95		12/29/95		12/29/95	
	DATE EXTRACTED -->	05/16/95		05/26/95		05/16/95		05/26/95		01/05/96		01/05/96	
	DATE ANALYZED --->	05/23/95		06/12/95		05/23/95		06/12/95		01/13/96		01/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	034S11	VAL	034S11	VAL
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	100.	J	350.	U	130.	J	350.	U	410.	U	930.	
85-68-7	Butylbenzylphthalate	42.	J	350.	U	160.	J	350.	U	390.	U	340.	U
86-74-8	Carbazole	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
218-01-9	Chrysene	380.	U	130.	J	350.	U	40.	J	39.	U	24.	J
84-74-2	Di-n-butylphthalate	79.	J	350.	U	79.	J	350.	U	390.	U	340.	U
117-84-0	Di-n-octyl phthalate	380.	UJ	350.	UJ	350.	UJ	350.	UJ	390.	UJ	340.	UJ
53-70-3	Dibenz(a,h)anthracene	380.	UJ	350.	UJ	350.	UJ	350.	UJ	39.	U	34.	U
132-64-9	Dibenzofuran	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
84-66-2	Diethylphthalate	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
131-11-3	Dimethyl phthalate	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
206-44-0	Fluoranthene	380.	U	180.	J	350.	U	350.	U	39.	U	70.	
86-73-7	Fluorene	380.	U	350.	U	350.	U	350.	U	19.	U	17.	U
118-74-1	Hexachlorobenzene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
87-68-3	Hexachlorobutadiene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	350.	U	350.	U	350.	U	390.	UJ	340.	U
67-72-1	Hexachloroethane	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	380.	U	350.	UJ	350.	U	350.	UJ	39.	U	26.	J
78-59-1	Isophorone	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	350.	U	350.	U	350.	U	39.	U	34.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
91-20-3	Naphthalene	380.	U	350.	U	57.	J	350.	U	39.	U	34.	U
98-95-3	Nitrobenzene	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
87-86-5	Pentachlorophenol	950.	U	880.	U	890.	U	870.	U	940.	U	830.	U
85-01-8	Phenanthrene	380.	U	65.	J	350.	U	350.	U	39.	U	34.	U
108-95-2	Phenol	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
129-00-0	Pyrene	380.	U	170.	J	350.	U	35.	J	39.	U	68.	
111-91-1	bis(2-Chloroethoxy)methane	380.	U	350.	U	350.	U	350.	U	390.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	350.	U	350.	U	350.	U	39.	U	34.	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA									
	SAMPLE ID ------->	036-S-E003-04		036-S-E004-04					
	ORIGINAL ID ----->	036E000301		036E000401					
	LAB SAMPLE ID --->	951098-14		951098-15					
	ID FROM REPORT -->	036E000301		036E000401					
	SAMPLE DATE ----->	12/29/95		12/29/95					
	DATE EXTRACTED -->	01/05/96		01/05/96					
	DATE ANALYZED --->	01/15/96		01/15/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	034S11	VAL	034S11	VAL				
120-82-1	1,2,4-Trichlorobenzene	340.	U	400.	U				
95-50-1	1,2-Dichlorobenzene	340.	U	400.	U				
541-73-1	1,3-Dichlorobenzene	340.	U	400.	U				
106-46-7	1,4-Dichlorobenzene	340.	U	400.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U	400.	U				
95-95-4	2,4,5-Trichlorophenol	830.	U	970.	U				
88-06-2	2,4,6-Trichlorophenol	340.	U	400.	U				
120-83-2	2,4-Dichlorophenol	340.	U	400.	U				
105-67-9	2,4-Dimethylphenol	340.	U	400.	U				
51-28-5	2,4-Dinitrophenol	830.	U	970.	U				
121-14-2	2,4-Dinitrotoluene	340.	U	400.	U				
606-20-2	2,6-Dinitrotoluene	340.	U	400.	U				
91-58-7	2-Chloronaphthalene	340.	U	400.	U				
95-57-8	2-Chlorophenol	340.	U	400.	U				
91-57-6	2-Methylnaphthalene	64.		40.	U				
95-48-7	2-Methylphenol (o-Cresol)	340.	U	400.	U				
88-74-4	2-Nitroaniline	340.	U	400.	U				
88-75-5	2-Nitrophenol	340.	U	400.	U				
91-94-1	3,3'-Dichlorobenzidine	340.	U	400.	U				
99-09-2	3-Nitroaniline	830.	U	970.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U	970.	U				
101-55-3	4-Bromophenyl-phenylether	340.	U	400.	U				
59-50-7	4-Chloro-3-methylphenol	340.	U	400.	U				
106-47-8	4-Chloroaniline	340.	U	400.	U				
7005-72-3	4-Chlorophenylphenylether	340.	U	400.	U				
106-44-5	4-Methylphenol (p-Cresol)	340.	U	400.	U				
100-01-6	4-Nitroaniline	830.	U	970.	U				
100-02-7	4-Nitrophenol	830.	UJ	970.	UJ				
83-32-9	Acenaphthene	140.		19.	U				
208-96-8	Acenaphthylene	25.	J	40.	U				
120-12-7	Anthracene	250.		40.	U				
56-55-3	Benzo(a)anthracene	790.		26.	J				
50-32-8	Benzo(a)pyrene	590.		36.	J				
205-99-2	Benzo(b)fluoranthene	680.	J	33.	J				
191-24-2	Benzo(g,h,i)perylene	310.		21.	J				
207-08-9	Benzo(k)fluoranthene	530.	J	40.	U				

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

SVOA									
	SAMPLE ID ------->	036-S-E003-04		036-S-E004-04					
	ORIGINAL ID ----->	036E000301		036E000401					
	LAB SAMPLE ID --->	951098-14		951098-15					
	ID FROM REPORT -->	036E000301		036E000401					
	SAMPLE DATE ----->	12/29/95		12/29/95					
	DATE EXTRACTED -->	01/05/96		01/05/96					
	DATE ANALYZED --->	01/15/96		01/15/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	034S11	VAL	034S11	VAL				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	400.	U				
85-68-7	Butylbenzylphthalate	1100.		400.	U				
86-74-8	Carbazole	300.	J	400.	U				
218-01-9	Chrysene	640.		28.	J				
84-74-2	Di-n-butylphthalate	19.	J	400.	U				
117-84-0	Di-n-octyl phthalate	340.	UJ	400.	UJ				
53-70-3	Dibenz(a,h)anthracene	51.		40.	U				
132-64-9	Dibenzofuran	140.	J	400.	U				
84-66-2	Diethylphthalate	340.	U	400.	U				
131-11-3	Dimethyl phthalate	340.	U	400.	U				
206-44-0	Fluoranthene	1800.		63.					
86-73-7	Fluorene	140.		19.	U				
118-74-1	Hexachlorobenzene	340.	U	400.	U				
87-68-3	Hexachlorobutadiene	340.	U	400.	U				
77-47-4	Hexachlorocyclopentadiene	340.	U	400.	U				
67-72-1	Hexachloroethane	340.	U	400.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	320.		21.	J				
78-59-1	Isophorone	340.	U	400.	U				
621-64-7	N-Nitroso-di-n-propylamine	34.	U	40.	U				
86-30-6	N-Nitrosodiphenylamine	340.	U	400.	U				
91-20-3	Naphthalene	140.		40.	U				
98-95-3	Nitrobenzene	340.	U	400.	U				
87-86-5	Pentachlorophenol	830.	U	970.	U				
85-01-8	Phenanthrene	1500.	J	30.	J				
108-95-2	Phenol	340.	U	400.	U				
129-00-0	Pyrene	1200.		42.					
111-91-1	bis(2-Chloroethoxy)methane	340.	U	400.	U				
111-44-4	bis(2-Chloroethyl)ether	34.	UJ	40.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

VOA													
	SAMPLE ID ------->	036-S-606E-04		036-S-606E-05		036-S-606N-04		036-S-606N-05		036-S-606S-04		036-S-606S-05	
	ORIGINAL ID ----->	036S606E04		036S606E05		036S606N04		036S606N05		036S606S04		036S606S05	
	LAB SAMPLE ID --->	714501		718241		714492		718243		714513		718245	
	ID FROM REPORT -->	36S606E04		36S606E05		36S606N04		36S606N05		36S606S04		36S606S05	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/15/95		05/08/95		05/15/95	
	DATE ANALYZED --->	05/17/95		05/25/95		05/17/95		05/25/95		05/17/95		05/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
71-55-6	1,1,1-Trichloroethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
78-87-5	1,2-Dichloropropane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
591-78-6	2-Hexanone	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
67-64-1	Acetone	27.	U	10.	UJ	21.	U	11.	UJ	58.	U	19.	UJ
71-43-2	Benzene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-25-2	Bromoform	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
74-83-9	Bromomethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-15-0	Carbon disulfide	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
56-23-5	Carbon tetrachloride	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
108-90-7	Chlorobenzene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-00-3	Chloroethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
67-66-3	Chloroform	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
74-87-3	Chloromethane	12.	U	10.	UJ	11.	U	11.	UJ	11.	U	11.	UJ
124-48-1	Dibromochloromethane	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
100-41-4	Ethylbenzene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	28.	U	10.	UJ	20.	U	11.	UJ	30.	U	11.	UJ
100-42-5	Styrene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
108-88-3	Toluene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
1330-20-7	Xylene (Total)	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
79-01-6	Trichloroethene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U
75-01-4	Vinyl chloride	12.	U	10.	UJ	11.	U	11.	UJ	11.	U	11.	UJ
10061-01-5	cis-1,3-Dichloropropene	12.	U	10.	U	11.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

VOA													
	SAMPLE ID ------->	036-S-606W-04		036-S-606W-05		036-S-627E-02		036-S-627E-03		036-S-627N-02		036-S-627N-03	
	ORIGINAL ID ----->	036S606W04		036S606W05		036S627E02		036S627E03		036S627N02		036S627N03	
	LAB SAMPLE ID --->	714516		718249		714479		720397		714459		720401	
	ID FROM REPORT -->	36S606W04		36S606W05		36S627E02		36S627E03		36S627N02		36S627N03	
	SAMPLE DATE ----->	05/08/95		05/15/95		05/08/95		05/19/95		05/08/95			
	DATE ANALYZED --->	05/17/95		05/25/95		05/14/95		05/27/95		05/14/95		05/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL	00006	VAL
71-55-6	1,1,1-Trichloroethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
79-00-5	1,1,2-Trichloroethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-34-3	1,1-Dichloroethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-35-4	1,1-Dichloroethene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
107-06-2	1,2-Dichloroethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
78-87-5	1,2-Dichloropropane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
78-93-3	2-Butanone (MEK)	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
591-78-6	2-Hexanone	12.	U	11.	U	11.	UJ	11.	U	11.	UJ	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	11.	U	11.	UJ	11.	U	11.	UJ	10.	U
67-64-1	Acetone	38.	U	11.	UJ	19.	UJ	11.	UJ	18.	UJ	19.	
71-43-2	Benzene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-27-4	Bromodichloromethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-25-2	Bromoform	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
74-83-9	Bromomethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-15-0	Carbon disulfide	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
56-23-5	Carbon tetrachloride	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
108-90-7	Chlorobenzene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-00-3	Chloroethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
67-66-3	Chloroform	1.	J	11.	U	11.	U	11.	U	11.	U	10.	U
74-87-3	Chloromethane	12.	U	11.	UJ	11.	U	11.	U	11.	U	10.	U
124-48-1	Dibromochloromethane	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
100-41-4	Ethylbenzene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-09-2	Methylene chloride	43.	U	11.	UJ	11.	U	16.	UJ	11.	U	10.	U
100-42-5	Styrene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
127-18-4	Tetrachloroethene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
108-88-3	Toluene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
1330-20-7	Xylene (Total)	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
79-01-6	Trichloroethene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U
75-01-4	Vinyl chloride	12.	U	11.	UJ	11.	U	11.	U	11.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	11.	U	11.	U	11.	U	11.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

VOA													
	SAMPLE ID ------->	036-S-627S-03		036-S-627S-03		036-S-627W-02		036-S-627W-03		036-S-E001-04		036-S-E002-04	
	ORIGINAL ID ----->	036S627S03		036S627S03		036S627W02		036S627W03		036E000101		036E000201	
	LAB SAMPLE ID --->	714482		720406		714485		720413		951098-13		951098-16	
	ID FROM REPORT -->	36S627S03		36S627S03		36S627W02		36S627W03		036E000101		036E000201	
	SAMPLE DATE ----->			05/19/95		05/08/95		05/19/95		12/29/95		12/29/95	
	DATE ANALYZED --->	05/14/95		05/27/95		05/14/95		05/27/95		01/02/96		01/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL	00006	VAL	034S11	VAL	034S11	VAL
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
591-78-6	2-Hexanone	11.	UJ	11.	U	11.	UJ	11.	U	10.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	UJ	11.	U	11.	UJ	11.	U	10.	U	11.	U
67-64-1	Acetone	25.	UJ	11.	UJ	12.	UJ	26.	J	60.	U	11.	U
71-43-2	Benzene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	U	11.	U	11.	U	10.	UJ	11.	UJ
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
74-87-3	Chloromethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-09-2	Methylene chloride	16.	U	11.	UJ	13.	U	15.	UJ	10.	UJ	11.	UJ
100-42-5	Styrene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	11.	U	3.	U	3.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
BRAC VERIFICATION SAMPLING
SITE 36 REMOVAL ACTIONS

VOA								
	SAMPLE ID ------->	036-S-E003-04		036-S-E004-04				
	ORIGINAL ID ----->	036E000301		036E000401				
	LAB SAMPLE ID --->	951098-14		951098-15				
	ID FROM REPORT -->	036E000301		036E000401				
	SAMPLE DATE ----->	12/29/95		12/29/95				
	DATE ANALYZED --->	01/02/96		01/02/96				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	034S11	VAL	034S11	VAL			
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U			
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U			
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U			
75-34-3	1,1-Dichloroethane	10.	U	10.	U			
75-35-4	1,1-Dichloroethene	10.	U	10.	U			
107-06-2	1,2-Dichloroethane	10.	U	10.	U			
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U			
78-87-5	1,2-Dichloropropane	10.	U	10.	U			
78-93-3	2-Butanone (MEK)	10.	U	10.	U			
591-78-6	2-Hexanone	10.	U	10.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U			
67-64-1	Acetone	27.	U	14.	U			
71-43-2	Benzene	10.	U	10.	U			
75-27-4	Bromodichloromethane	10.	U	10.	U			
75-25-2	Bromoform	10.	U	10.	U			
74-83-9	Bromomethane	10.	UJ	10.	UJ			
75-15-0	Carbon disulfide	10.	U	10.	U			
56-23-5	Carbon tetrachloride	10.	U	10.	U			
108-90-7	Chlorobenzene	10.	U	10.	U			
75-00-3	Chloroethane	10.	U	10.	U			
67-66-3	Chloroform	10.	U	10.	U			
74-87-3	Chloromethane	10.	U	10.	U			
124-48-1	Dibromochloromethane	10.	U	10.	U			
100-41-4	Ethylbenzene	10.	U	10.	U			
75-09-2	Methylene chloride	10.	UJ	10.	UJ			
100-42-5	Styrene	10.	U	10.	U			
127-18-4	Tetrachloroethene	10.	U	10.	U			
108-88-3	Toluene	10.	U	10.	U			
1330-20-7	Xylene (Total)	10.	U	10.	U			
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U			
79-01-6	Trichloroethene	10.	U	10.	U			
75-01-4	Vinyl chloride	3.	U	3.	U			
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

METAL													
	SAMPLE ID ------->	338-S-0001-01		338-S-0001-03		338-C-0001-03		338-S-0001-04		338-S-0002-01		338-S-0003-01	
	ORIGINAL ID ----->	44S000101		44S000103		44C000103		44S000104		044S000201		044S000301	
	LAB SAMPLE ID --->	664286		664287		664296		664288		665459		665466	
	ID FROM REPORT -->	44S0001		44S0001		44C0001		44S0001		44S000201		44S000301	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		02/05/94		12/06/94		12/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	77237I	VAL	77237I	VAL	77237I	VAL	77237I	VAL	77271I	VAL	77271I	VAL
AL	Aluminum	8650.		6670.		6470.		3270.		3420.		3110.	
SB	Antimony	0.24	U	0.24	U	0.24	U	0.27	U	8.5	UJ	8.2	UJ
AS	Arsenic	1.2	J	0.49	UJ	0.48	UJ	0.54	UJ	0.86	J	2.4	J
BA	Barium	9.8	J	6.8	J	5.8	J	5.6	J	4.2	J	4.9	J
BE	Beryllium	0.04	U	0.04	U	0.04	U	0.02	U	0.06	U	0.05	U
CD	Cadmium	1.	J	0.41	J	0.38	UJ	0.1	UJ	1.4	J	8.9	J
CA	Calcium	301.	J	198.	J	176.	J	159.	J	299.	J	337.	J
CR	Chromium	11.		10.3		11.2		6.5		4.6		8.4	
CO	Cobalt	0.48	J	0.35	J	0.29	J	0.16	J	2.6	U	2.5	U
CU	Copper	5.	J	4.5	J	4.1	J	3.	J	3.7	J	43.7	
FE	Iron	6580.		4590.		4020.		2080.		1700.		1930.	
PB	Lead	43.3		31.6		31.5		22.3		17.9		427.	
MG	Magnesium	66.2	J	49.3	J	56.3	J	32.1	J	64.6	J	68.	J
MN	Manganese	64.5		60.9		47.2		23.7		77.9	J	44.6	J
HG	Mercury	0.09	U	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
NI	Nickel	1.2	J	0.78	J	0.99	J	0.47	J	3.7	U	7.3	J
K	Potassium	122.	J	81.8	U	94.	U	85.8	U	204.	U	75.1	U
SE	Selenium	0.69	U	0.69	U	0.69	U	0.76	U	0.56	UJ	0.55	UJ
AG	Silver	0.1	U	0.1	U	0.1	U	0.11	U	0.93	U	0.89	U
NA	Sodium	197.	U	191.	U	204.	U	249.	U	30.8	U	30.4	U
TL	Thallium	0.61	UJ	0.61	UJ	0.6	UJ	0.67	UJ	0.56	UJ	0.55	UJ
V	Vanadium	18.		12.4		11.1		5.7	U	6.1	U	5.6	U
ZN	Zinc	16.2	U	13.9	U	12.1	U	7.3	U	16.7	U	32.8	U
CN	Cyanide	0.52	U	0.53	U	0.52	U	0.58	U	0.52	U	0.51	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

METAL													
	SAMPLE ID ------->	338-C-0003-01		338-S-0003-02		338-S-0004-01		338-S-0005-01		338-S-0005-03		338-S-0005-05	
	ORIGINAL ID ----->	044C000301		044S000302		044S000401		044S000501		044S000503		044S000505	
	LAB SAMPLE ID --->	665468		665471		665474		665475		665476		665478	
	ID FROM REPORT -->	44C000301		44S000302		44S000401		44S000501		44S000503		44S000505	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	77271I	VAL	77271I	VAL	77271I	VAL	77271I	VAL	77271I	VAL	77271I	VAL
AL	Aluminum	3120.		765.		2370.		16600.		10400.		1430.	
SB	Antimony	8.4	UJ	8.3	UJ	11.2	UJ	8.8	UJ	8.8	UJ	8.6	UJ
AS	Arsenic	0.93	J	0.44	UJ	1.1	J	2.6	J	2.9	J	0.44	UJ
BA	Barium	5.	J	1.8	U	11.	J	4.8	J	3.2	J	2.	J
BE	Beryllium	0.07	U	0.04	U	0.1	U	0.12	U	0.1	U	0.04	U
CD	Cadmium	10.6	J	2.9	J	5.9	J	0.94	UJ	0.95	UJ	0.92	UJ
CA	Calcium	427.	J	166.	J	2450.		327.	J	197.	J	635.	J
CR	Chromium	8.8		2.3		8.7		15.1		10.2		1.7	J
CO	Cobalt	2.6	U	2.5	U	3.4	U	2.7	U	2.7	U	2.6	U
CU	Copper	42.4		7.3		15.3		4.8	J	4.7	J	1.2	U
FE	Iron	2970.		591.		3110.		9880.		6540.		965.	
PB	Lead	419.		76.1		69.7		3.9		3.2		3.7	
MG	Magnesium	69.6	J	19.9	U	214.	J	73.4	J	48.5	J	25.2	J
MN	Manganese	51.5	J	11.	J	24.2	J	17.1	J	15.1	J	10.6	J
HG	Mercury	0.1	U	0.09	U	0.13	U	0.09	U	0.09	U	0.09	U
NI	Nickel	6.4	J	3.6	U	4.9	U	3.8	U	3.8	U	3.7	U
K	Potassium	159.	U	75.9	U	93.3	U	163.	U	183.	U	76.7	U
SE	Selenium	0.52	UJ	0.55	UJ	0.73	UJ	0.58	UJ	5.6	UJ	0.54	UJ
AG	Silver	0.92	U	0.91	U	1.2	U	0.96	U	0.97	U	0.94	U
NA	Sodium	29.	U	27.9	U	30.6	U	42.1	U	31.8	U	35.1	U
TL	Thallium	0.52	UJ	0.55	UJ	0.73	UJ	0.58	UJ	0.56	UJ	0.54	UJ
V	Vanadium	5.9	U	1.8	U	5.3	U	27.8		18.4		2.8	U
ZN	Zinc	35.2		11.7	U	34.	U	11.2	U	8.	U	5.2	U
CN	Cyanide	0.51	U	0.51	U	6.6		0.55	U	0.54	U	0.52	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

METAL													
		SAMPLE ID ------->	338-S-0006-01		338-S-0006-03		338-S-0007-01		338-S-0007-02		338-S-0008-01		338-S-0008-02	
		ORIGINAL ID ----->	44S000601		44S000603		44S000701		44S000702		044S000801		044S000802	
		LAB SAMPLE ID --->	665501		665504		665493		665498		665486		665489	
		ID FROM REPORT -->	44S0006		44S0006		44S0007		44S0007		44S000801		44S000802	
		SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		77237I	VAL	77237I	VAL	77237I	VAL	77237I	VAL	77271I	VAL	77271I	VAL
AL	Aluminum		3630.		13500.		3300.		1540.		3010.		3590.	
SB	Antimony		0.25	U	0.25	U	0.24	U	0.28	U	8.6	UJ	8.8	UJ
AS	Arsenic		0.51	UJ	1.4	J	0.49	UJ	0.57	UJ	0.74	J	0.71	J
BA	Barium		7.5	J	7.7	J	6.7	J	3.4	J	4.9	J	2.9	J
BE	Beryllium		0.07	U	0.12	U	0.09	U	0.03	U	0.04	U	0.04	U
CD	Cadmium		0.69	J	0.06	UJ	0.7	J	0.57	J	0.92	UJ	1.6	J
CA	Calcium		1280.		338.	J	2310.		362.	J	7440.		415.	J
CR	Chromium		4.9		8.6		6.1		3.4		4.1		4.3	
CO	Cobalt		0.41	J	1.1	J	0.34	J	0.14	J	2.6	U	2.7	U
CU	Copper		4.9	J	3.4	J	4.4	J	2.7	J	3.4	J	4.8	J
FE	Iron		2350.		6220.		2370.		1380.		1710.		1650.	
PB	Lead		35.3		12.6		37.4		35.8		20.4		61.	
MG	Magnesium		182.	J	78.1	J	370.	J	43.6	J	128.	J	43.2	J
MN	Manganese		105.		128.		31.6		19.		18.	J	8.1	UJ
HG	Mercury		0.09	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
NI	Nickel		1.	J	1.1	J	0.89	J	0.33	J	3.7	U	3.8	U
K	Potassium		112.	U	105.	U	173.	J	70.8	U	71.4	U	120.	U
SE	Selenium		0.72	U	0.7	U	0.69	U	0.81	U	0.58	UJ	0.57	UJ
AG	Silver		0.13	J	0.1	U	0.1	J	0.12	J	0.94	U	0.97	U
NA	Sodium		236.	U	208.	U	228.	U	254.	U	89.4	U	33.2	U
TL	Thallium		0.64	UJ	0.62	UJ	0.61	UJ	0.71	UJ	0.58	UJ	0.57	UJ
V	Vanadium		8.2	J	17.1		8.2	J	4.7	U	5.4	U	5.9	U
ZN	Zinc		10.2	U	4.7	U	43.		10.4	U	30.1	U	15.6	U
CN	Cyanide		0.54	U	0.54	U	0.54	U	0.6	U	0.54	U	0.54	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

METAL													
	SAMPLE ID ------->	338-S-0009-01		338-S-0010-01		338-S-0010-02		338-S-0011-01		338-S-0012-01		338-S-0012-02	
	ORIGINAL ID ----->	44S000901		044S001001		044S001002		44S001101		44S001201		44S001202	
	LAB SAMPLE ID --->	665496		665480		665482		664307		664305		664306	
	ID FROM REPORT -->	44S0009		44S001001		44S001002		44S0011		44S0012		44S0012	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/05/94		12/05/94		12/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	77237I	VAL	77271I	VAL	77271I	VAL	77237I	VAL	77237I	VAL	77237I	VAL
AL	Aluminum	4630.		4200.		3410.		4190.		2110.		351.	
SB	Antimony	0.26	U	8.9	UJ	9.2	UJ	0.25	U	0.24	U	0.26	U
AS	Arsenic	0.51	UJ	0.95	J	0.93	J	0.49	UJ	0.48	UJ	0.51	UJ
BA	Barium	11.3	J	5.2	J	6.7	J	3.1	J	10.1	J	1.6	U
BE	Beryllium	0.04	U	0.07	U	0.12	U	0.03	U	0.05	U	0.02	U
CD	Cadmium	0.12	UJ	0.95	UJ	0.98	UJ	0.49	J	2.8	J	0.4	UJ
CA	Calcium	2210.		2060.		3840.		334.	J	587.	J	130.	J
CR	Chromium	5.4		6.1		7.6		5.8		28.9		2.7	
CO	Cobalt	0.19	J	2.7	U	2.8	U	0.17	J	0.56	J	0.11	UJ
CU	Copper	4.6	J	5.3	J	4.3	J	4.4	J	44.2		7.9	
FE	Iron	3890.		2540.		2090.		2800.		2070.		253.	
PB	Lead	40.9		25.2		30.9		16.6		118.		77.3	
MG	Magnesium	147.	J	147.	J	821.	J	30.1	J	129.	J	14.6	U
MN	Manganese	21.2		18.6	J	22.1	J	22.4		36.1		2.5	J
HG	Mercury	0.09	U	0.09	U	0.11	U	0.09	U	0.09	U	0.09	U
NI	Nickel	0.79	J	3.8	U	4.	U	0.51	J	1.6	J	0.27	J
K	Potassium	84.6	U	97.5	U	237.	U	78.3	U	85.6	U	47.1	U
SE	Selenium	1.1		0.57	UJ	0.6	UJ	0.7	U	0.68	U	0.73	U
AG	Silver	0.11	U	0.97	U	1.	U	0.1	U	0.2	J	0.11	J
NA	Sodium	225.	U	32.1	U	47.7	U	225.	U	232.	U	243.	U
TL	Thallium	0.64	UJ	0.57	UJ	0.6	UJ	0.61	UJ	0.6	UJ	0.64	UJ
V	Vanadium	11.6		8.3	J	8.9	J	7.6	U	5.6	U	0.82	U
ZN	Zinc	18.8	U	26.6	U	24.5	U	23.	U	168.		43.	
CN	Cyanide	0.56	U	0.54	U	0.57	U	0.53	U	0.52	U	0.55	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

METAL													
	SAMPLE ID ------->	338-S-0013-01		338-S-0014-01		338-S-0014-02		338-S-0015-01		338-S-0015-02		338-S-0016-01	
	ORIGINAL ID ----->	44S001301		44S001401		44S001402		44S001501		44S001502		44S001601	
	LAB SAMPLE ID --->	664304		664301		664303		664299		664300		664295	
	ID FROM REPORT -->	44S0013		44S0014		44S0014		44S0015		44S0015		44S0016	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		12/05/94		12/05/94		12/05/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	77237I	VAL	77237I	VAL	77237I	VAL	77237I	VAL	77237I	VAL	77237I	VAL
AL	Aluminum	1700.		168.		124.		2730.		165.		7020.	
SB	Antimony	0.24	U	0.25	U	0.27	U	0.24	U	0.25	U	0.25	U
AS	Arsenic	0.49	UJ	0.5	UJ	0.54	UJ	0.48	UJ	0.5	UJ	0.49	UJ
BA	Barium	2.6	J	2.9	J	1.1	J	3.6	J	2.2	J	16.4	J
BE	Beryllium	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.04	U
CD	Cadmium	0.17	UJ	0.06	UJ	0.07	UJ	0.27	UJ	0.07	UJ	1.2	J
CA	Calcium	637.	J	332.	J	92.	U	197.	J	144.	J	380.	J
CR	Chromium	3.8		0.94	J	0.53	J	5.4		4.7		9.	
CO	Cobalt	0.15	J	0.1	UJ	0.11	UJ	0.13	J	0.1	UJ	0.47	J
CU	Copper	8.8		3.8	J	1.5	U	3.	J	1.8	U	8.4	
FE	Iron	1080.		273.		172.	0	1670.		229.		4210.	
PB	Lead	22.8		54.9		25.5		17.6		41.4		89.3	
MG	Magnesium	65.9	J	22.4	U	7.	U	27.6	J	7.5	U	83.1	J
MN	Manganese	7.7		2.8	J	1.	J	17.4		2.5	J	72.9	
HG	Mercury	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.09	U
NI	Nickel	0.61	J	0.6	J	0.16	U	0.45	J	0.22	J	1.6	J
K	Potassium	72.1	U	61.7	U	52.6	U	69.1	U	49.3	U	110.	U
SE	Selenium	0.69	U	0.7	U	0.76	U	0.68	U	0.7	U	0.7	U
AG	Silver	0.11	J	0.11	J	0.11	U	0.1	U	0.1	U	0.1	U
NA	Sodium	221.	U	254.	U	275.	U	234.	U	246.	U	208.	U
TL	Thallium	0.61	UJ	0.62	UJ	0.67	UJ	0.6	UJ	0.62	UJ	0.61	UJ
V	Vanadium	3.7	U	0.42	U	0.3	U	4.8	U	0.56	U	10.9	
ZN	Zinc	10.4	U	16.	U	9.9	U	26.1	U	6.6	U	60.5	
CN	Cyanide	0.52	U	0.52	U	0.57	U	0.51	U	0.53	U	0.52	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

METAL													
	SAMPLE ID ------->	338-S-0016-03		338-S-0016-04		338-S-0017-01		338-S-0018-01		338-S-0019-01		338-S-0020-01	
	ORIGINAL ID ----->	44S001603		44S001604		044S001701		044S001801		044S001901		044S002001	
	LAB SAMPLE ID --->	664297		664298		667323		668198		668212		668214	
	ID FROM REPORT -->	44S0016		44S0016		44S001701		MAC001		MAC002		MAC003	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/08/94		12/12/94		12/12/94		12/12/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	77237I	VAL	77237I	VAL	77271I	VAL	72109I	VAL	72109I	VAL	72109I	VAL
AL	Aluminum	3360.		613.		2990.		306.	J	199.	J	8600.	J
SB	Antimony	0.25	U	0.24	U	9.5	UJ	0.43	J	0.46	J	0.42	J
AS	Arsenic	0.5	UJ	0.48	UJ	0.67	J	0.79	U	0.84	U	2.9	
BA	Barium	5.4	J	1.2	J	2.8	J	0.7	J	3.8	J	7.9	J
BE	Beryllium	0.03	U	0.02	U	0.05	U	0.02	U	0.02	U	0.03	J
CD	Cadmium	0.1	UJ	0.06	UJ	1.	UJ	0.11	U	0.12	U	0.11	J
CA	Calcium	165.	J	102.	J	241.	J	86.7	J	122.	J	2820.	
CR	Chromium	4.2		0.9	J	3.8		1.2	J	0.71	J	9.8	
CO	Cobalt	0.19	J	0.1	UJ	2.9	U	0.11	U	0.12	U	0.43	J
CU	Copper	2.9	J	2.1	U	7.8		1.1	J	2.9	J	6.9	
FE	Iron	2910.		481.		1430.		189.	J	244.	J	6500.	J
PB	Lead	27.3		12.5		18.6		5.	J	47.5	J	34.3	J
MG	Magnesium	31.4	J	9.6	U	24.1	U	9.8	U	20.6	J	113.	J
MN	Manganese	42.4		11.4		6.8	UJ	1.2	J	2.	J	19.4	
HG	Mercury	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.11	U
NI	Nickel	0.55	J	0.73	J	4.1	U	0.34	U	0.36	U	2.	J
K	Potassium	85.1	U	54.1	U	79.	U	44.9	U	48.6	U	137.	U
SE	Selenium	0.7	U	0.67	U	0.62	UJ	0.99	U	1.1	U	0.97	U
AG	Silver	0.1	U	0.1	U	1.	U	0.13	U	0.14	U	0.13	U
NA	Sodium	245.	U	223.	U	34.1	U	251.	U	236.	U	166.	U
TL	Thallium	0.62	UJ	0.59	UJ	0.62	UJ	1.2	U	1.3	U	1.2	U
V	Vanadium	7.8	J	1.1	U	4.6	U	0.7	U	0.57	U	23.	
ZN	Zinc	8.	U	4.1	U	18.3	U	2.9	U	7.5	U	19.1	U
CN	Cyanide	0.53	U	0.51	U	0.58	U	0.58	U	0.61	U	0.56	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

METAL									
	SAMPLE ID ------->	338-S-0021-01		338-C-0021-01					
	ORIGINAL ID ----->	044S002101		044C002101					
	LAB SAMPLE ID --->	668216		668218					
	ID FROM REPORT -->	MAC004		MAC005					
	SAMPLE DATE ----->	12/12/94		12/12/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	72109I	VAL	72109I	VAL				
AL	Aluminum	1740.	J	2150.	J				
SB	Antimony	0.44	J	0.42	J				
AS	Arsenic	0.81	U	0.78	U				
BA	Barium	3.2	J	3.7	J				
BE	Beryllium	0.02	U	0.02	U				
CD	Cadmium	0.12	U	0.11	U				
CA	Calcium	1160.	J	1560.					
CR	Chromium	3.5		4.3					
CO	Cobalt	0.13	J	0.11	U				
CU	Copper	3.5	J	0.04	J				
FE	Iron	1630.	J	1500.	J				
PB	Lead	17.9	J	20.1	J				
MG	Magnesium	169.	J	305.	J				
MN	Manganese	9.3		9.5					
HG	Mercury	0.1	U	0.09	U				
NI	Nickel	0.47	J	0.65	J				
K	Potassium	67.2	U	81.2	U				
SE	Selenium	1.2	J	0.98	U				
AG	Silver	0.14	U	0.13	U				
NA	Sodium	230.	U	230.	U				
TL	Thallium	1.3	U	1.2	U				
V	Vanadium	3.8	U	5.1	U				
ZN	Zinc	30.	U	14.3	U				
CN	Cyanide	0.58	U	0.57	U				

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
		SAMPLE ID ------->	338-S-0001-01		338-S-0001-03		338-C-0001-03		338-S-0001-04		338-S-0002-01		338-S-0003-01	
		ORIGINAL ID ----->	044S000101		044S000103		044C000103		044S000104		44S000201		44S000301	
		LAB SAMPLE ID --->	664265		664266		664275		664267		665424		665431	
		ID FROM REPORT -->	44S000101		44S000103		44C000103		44S000104		44S000201		44S000301	
		SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		12/05/94		12/06/94		12/06/94	
		DATE EXTRACTED -->	12/06/94		12/06/94		12/06/94		12/06/94		12/08/94		12/08/94	
		DATE ANALYZED --->	12/09/94		12/09/94		12/08/94		12/09/94		12/14/94		12/15/94	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		00001	VAL	00001	VAL	00001	VAL	00001	VAL	00052	VAL	00052	VAL
108-95-2	Phenol		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
95-57-8	2-Chlorophenol		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
541-73-1	1,3-Dichlorobenzene		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
106-46-7	1,4-Dichlorobenzene		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
95-50-1	1,2-Dichlorobenzene		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
67-72-1	Hexachloroethane		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
98-95-3	Nitrobenzene		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
78-59-1	Isophorone		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
88-75-5	2-Nitrophenol		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
105-67-9	2,4-Dimethylphenol		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
111-91-1	bis(2-Chloroethoxy)methane		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
120-83-2	2,4-Dichlorophenol		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
91-20-3	Naphthalene		340.	U	340.	U	340.	U	390.	U	340.	U	47.	J
106-47-8	4-Chloroaniline		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
87-68-3	Hexachlorobutadiene		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
59-50-7	4-Chloro-3-methylphenol		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
91-57-6	2-Methylnaphthalene		340.	U	340.	U	340.	U	390.	U	340.	U	45.	J
77-47-4	Hexachlorocyclopentadiene		340.	U	340.	U	340.	U	390.	U	340.	U	340.	UJ
88-06-2	2,4,6-Trichlorophenol		340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
95-95-4	2,4,5-Trichlorophenol		830.	U	830.	U	830.	U	930.	U	820.	U		
91-58-7	2-Chloronaphthalene		340.	U	340.	U	340.	U						

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0001-01		338-S-0001-03		338-C-0001-03		338-S-0001-04		338-S-0002-01		338-S-0003-01	
	ORIGINAL ID ----->	044S000101		044S000103		044C000103		044S000104		44S000201		44S000301	
	LAB SAMPLE ID --->	664265		664266		664275		664267		665424		665431	
	ID FROM REPORT -->	44S000101		44S000103		44C000103		44S000104		44S000201		44S000301	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		12/05/94		12/06/94		12/06/94	
	DATE EXTRACTED -->	12/06/94		12/06/94		12/06/94		12/06/94		12/08/94		12/08/94	
	DATE ANALYZED --->	12/09/94		12/09/94		12/08/94		12/09/94		12/14/94		12/15/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00052	VAL	00052	VAL
121-14-2	2,4-Dinitrotoluene	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
84-66-2	Diethylphthalate	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
86-73-7	Fluorene	340.	U	340.	U	340.	U	390.	U	340.	U	130.	J
100-01-6	4-Nitroaniline	830.	U	830.	U	830.	U	930.	U	820.	U	820.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U	830.	U	830.	U	930.	U	820.	U	820.	UJ
86-30-6	N-Nitrosodiphenylamine	340.	UJ	340.	UJ	340.	U	390.	UJ	340.	U	340.	U
101-55-3	4-Bromophenyl-phenylether	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
118-74-1	Hexachlorobenzene	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
87-86-5	Pentachlorophenol	830.	U	830.	U	830.	U	930.	U	820.	U	820.	U
85-01-8	Phenanthrene	340.	U	340.	U	340.	U	390.	U	340.	U	1800.	
120-12-7	Anthracene	340.	U	340.	U	340.	U	390.	U	340.	U	270.	J
86-74-8	Carbazole	340.	U	340.	U	340.	U	390.	U	340.	U	220.	J
84-74-2	Di-n-butylphthalate	36.	J	41.	J	68.	J	48.	J	340.	U	24.	J
206-44-0	Fluoranthene	340.	U	340.	U	120.	J	390.	U	340.	U	1900.	
129-00-0	Pyrene	40.	J	340.	U	280.	J	390.	U	340.	U	1600.	
85-68-7	Butylbenzylphthalate	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
56-55-3	Benzo(a)anthracene	340.	U	340.	U	260.	J	390.	U	340.	U	850.	
218-01-9	Chrysene	340.	U	340.	U	270.	J	390.	U	340.	U	770.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	340.	U	43.	J	73.	J	390.	U	40.	J	190.	J
117-84-0	Di-n-octyl phthalate	340.	U	340.	U	340.	U	390.	U	340.	U	340.	U
205-99-2	Benzo(b)fluoranthene	47.	J	340.	U	440.	J	390.	U	340.	U	1100.	J
207-08-9	Benzo(k)fluoranthene	340.	U	340.	U	81.	J	390.	U	340.	U	1200.	J
50-32-8	Benzo(a)pyrene	340.	U	340.	U	140.	J	390.	U	340.	U	550.	
193-39-5	Indeno(1,2,3-cd)pyrene	340.	U	340.	U	340.	U	390.	U	340.	U	200.	J
53-70-3	Dibenz(a,h)anthracene	340.	U	340.	U	340.	U	390.	U	340.	U	83.	J
191-24-2	Benzo(g,h,i)perylene	340.	U	340.	U	340.	U	390.	U	340.	U	110.	J

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-C-0003-01		338-S-0003-02		338-S-0004-01		338-S-0005-01		338-S-0005-03		338-S-0005-05	
	ORIGINAL ID ----->	44C000301		44000302		44S000401		44S000501		44S000503		44S000505	
	LAB SAMPLE ID --->	665433		664535		665437		665439		665440		665442	
	ID FROM REPORT -->	44C000301		44000302		44S000401		44S000501		44S000503		44S000505	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE EXTRACTED -->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/08/94	
	DATE ANALYZED --->	12/21/94		12/15/94		12/15/94		12/15/94		12/15/94		12/15/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00052	VAL	00052	VAL	00052	VAL	00052	VAL	00052	VAL	00052	VAL
108-95-2	Phenol	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
95-57-8	2-Chlorophenol	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
541-73-1	1,3-Dichlorobenzene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
106-46-7	1,4-Dichlorobenzene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
95-50-1	1,2-Dichlorobenzene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
67-72-1	Hexachloroethane	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
98-95-3	Nitrobenzene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
78-59-1	Isophorone	670.	UJ	340.	U	460.	U	360.	U	350.	U	340.	U
88-75-5	2-Nitrophenol	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
105-67-9	2,4-Dimethylphenol	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
111-91-1	bis(2-Chloroethoxy)methane	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
120-83-2	2,4-Dichlorophenol	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
91-20-3	Naphthalene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
106-47-8	4-Chloroaniline	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
87-68-3	Hexachlorobutadiene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
91-57-6	2-Methylnaphthalene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	670.	U	340.	UJ	460.	UJ	360.	U	350.	UJ	340.	U
88-06-2	2,4,6-Trichlorophenol	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	1600.	U	820.	U	1100.	U	880.	U	860.	U	830.	U
91-58-7	2-Chloronaphthalene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
88-74-4	2-Nitroaniline	1600.	U	820.	U	1100.	U	880.	U	860.	U	830.	U
131-11-3	Dimethyl phthalate	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
208-96-8	Acenaphthylene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
606-20-2	2,6-Dinitrotoluene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
99-09-2	3-Nitroaniline	1600.	U	820.	U	1100.	U	880.	U	860.	U	830.	U
83-32-9	Acenaphthene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
51-28-5	2,4-Dinitrophenol	1600.	U	820.	UJ	1100.	UJ	880.	U	860.	UJ	830.	U
100-02-7	4-Nitrophenol	1600.	U	820.	U	1100.	U	880.	U	860.	U	830.	U
132-64-9	Dibenzofuran	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-C-0003-01		338-S-0003-02		338-S-0004-01		338-S-0005-01		338-S-0005-03		338-S-0005-05	
	ORIGINAL ID ----->	44C000301		44000302		44S000401		44S000501		44S000503		44S000505	
	LAB SAMPLE ID --->	665433		664535		665437		665439		665440		665442	
	ID FROM REPORT -->	44C000301		44000302		44S000401		44S000501		44S000503		44S000505	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE EXTRACTED -->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/08/94	
	DATE ANALYZED --->	12/21/94		12/15/94		12/15/94		12/15/94		12/15/94		12/15/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00052	VAL	00052	VAL	00052	VAL	00052	VAL	00052	VAL	00052	VAL
121-14-2	2,4-Dinitrotoluene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
84-66-2	Diethylphthalate	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
86-73-7	Fluorene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
100-01-6	4-Nitroaniline	1600.	U	820.	U	1100.	U	880.	U	860.	U	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1600.	U	820.	UJ	1100.	UJ	880.	U	860.	UJ	830.	U
86-30-6	N-Nitrosodiphenylamine	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
101-55-3	4-Bromophenyl-phenylether	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
118-74-1	Hexachlorobenzene	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
87-86-5	Pentachlorophenol	1600.	U	820.	U	1100.	U	880.	U	860.	U	830.	U
85-01-8	Phenanthrene	120.	J	340.	U	220.	J	360.	U	350.	U	340.	U
120-12-7	Anthracene	670.	U	340.	U	35.	J	360.	U	350.	U	340.	U
86-74-8	Carbazole	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
84-74-2	Di-n-butylphthalate	2500.		340.	U	460.	U	37.	J	350.	U	340.	U
206-44-0	Fluoranthene	230.	J	39.	J	550.		360.	U	350.	U	340.	U
129-00-0	Pyrene	240.	J	38.	J	560.		360.	U	350.	U	340.	U
85-68-7	Butylbenzylphthalate	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
56-55-3	Benzo(a)anthracene	110.	J	340.	U	340.	J	360.	U	350.	U	340.	U
218-01-9	Chrysene	140.	J	340.	U	290.	J	360.	U	350.	U	340.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	120.	J	340.	U	460.	U	360.	U	350.	U	340.	U
117-84-0	Di-n-octyl phthalate	670.	U	340.	U	460.	U	360.	U	350.	U	340.	U
205-99-2	Benzo(b)fluoranthene	220.	J	39.	J	610.	J	360.	U	350.	U	340.	U
207-08-9	Benzo(k)fluoranthene	240.	J	43.	J	660.	J	360.	U	350.	U	340.	U
50-32-8	Benzo(a)pyrene	98.	J	340.	U	280.	J	360.	U	350.	U	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	69.	J	340.	UJ	120.	J	360.	U	350.	UJ	340.	U
53-70-3	Dibenz(a,h)anthracene	670.	U	340.	UJ	48.	J	360.	UJ	350.	UJ	340.	UJ
191-24-2	Benzo(g,h,i)perylene	57.	J	340.	UJ	120.	J	360.	U	350.	UJ	340.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0006-01 RE		338-S-0006-03		338-S-0007-01		338-S-0007-02		338-S-0008-01		338-S-0008-02	
	ORIGINAL ID ----->	044S000601RE		044S000603		044S000701		044S000702		44S000801		44S000802	
	LAB SAMPLE ID --->	665457RE		665458		665452		665455		665448		665450	
	ID FROM REPORT -->	44S000601RE		44S000603		44S000701		44S000702		44S000801		44S000802	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE EXTRACTED -->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/08/94	
	DATE ANALYZED --->	12/16/94		12/16/94		12/16/94		12/16/94		12/16/94		12/16/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00052	VAL	00052	VAL
108-95-2	Phenol	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
95-57-8	2-Chlorophenol	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
541-73-1	1,3-Dichlorobenzene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
106-46-7	1,4-Dichlorobenzene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
95-50-1	1,2-Dichlorobenzene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
67-72-1	Hexachloroethane	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
98-95-3	Nitrobenzene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
78-59-1	Isophorone	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
88-75-5	2-Nitrophenol	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
105-67-9	2,4-Dimethylphenol	350.	U	360.	U	38.	J	390.	U	350.	U	360.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
120-83-2	2,4-Dichlorophenol	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
91-20-3	Naphthalene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
106-47-8	4-Chloroaniline	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
87-68-3	Hexachlorobutadiene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
91-57-6	2-Methylnaphthalene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
95-95-4	2,4,5-Trichlorophenol	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
91-58-7	2-Chloronaphthalene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
88-74-4	2-Nitroaniline	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
131-11-3	Dimethyl phthalate	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
208-96-8	Acenaphthylene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
606-20-2	2,6-Dinitrotoluene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
99-09-2	3-Nitroaniline	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
83-32-9	Acenaphthene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
51-28-5	2,4-Dinitrophenol	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
100-02-7	4-Nitrophenol	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
132-64-9	Di[illegible]zofuran	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0006-01 RE		338-S-0006-03		338-S-0007-01		338-S-0007-02		338-S-0008-01		338-S-0008-02	
	ORIGINAL ID ----->	044S000601RE		044S000603		044S000701		044S000702		44S000801		44S000802	
	LAB SAMPLE ID --->	665457RE		665458		665452		665455		665448		665450	
	ID FROM REPORT -->	44S000601RE		44S000603		44S000701		44S000702		44S000801		44S000802	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE EXTRACTED -->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/08/94	
	DATE ANALYZED --->	12/16/94		12/16/94		12/16/94		12/16/94		12/16/94		12/16/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00052	VAL	00052	VAL
121-14-2	2,4-Dinitrotoluene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
84-66-2	Diethylphthalate	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
86-73-7	Fluorene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
100-01-6	4-Nitroaniline	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
118-74-1	Hexachlorobenzene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
87-86-5	Pentachlorophenol	860.	U	870.	U	860.	U	950.	U	860.	U	870.	U
85-01-8	Phenanthrene	58.	J	360.	U	350.	U	390.	U	73.	J	360.	U
120-12-7	Anthracene	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
86-74-8	Carbazole	350.	U	360.	U	350.	U	390.	U	350.	U	360.	U
84-74-2	Di-n-butylphthalate	350.	U	360.	U	22.	J	390.	U	25.	J	360.	U
206-44-0	Fluoranthene	120.	J	360.	U	72.	J	390.	U	100.	J	360.	U
129-00-0	Pyrene	120.	J	360.	U	110.	J	390.	U	98.	J	68.	J
85-68-7	Butylbenzylphthalate	350.	U	360.	U	350.	U	390.	U	350.	U	360.	UJ
91-94-1	3,3'-Dichlorobenzidine	350.	U	360.	U	350.	U	390.	U	350.	U	360.	UJ
56-55-3	Benzo(a)anthracene	61.	J	360.	U	48.	J	390.	U	53.	J	360.	UJ
218-01-9	Chrysene	78.	J	360.	U	60.	J	390.	U	71.	J	360.	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	360.	U	87.	J	48.	J	71.	J	160.	J
117-84-0	Di-n-octyl phthalate	350.	UJ	360.	UJ	350.	UJ	390.	UJ	350.	UJ	87.	J
205-99-2	Benzo(b)fluoranthene	170.	J	360.	U	140.	J	60.	J	140.	J	360.	UR
207-08-9	Benzo(k)fluoranthene	180.	J	360.	U	150.	J	64.	J	150.	J	360.	UR
50-32-8	Benzo(a)pyrene	60.	J	360.	U	57.	J	390.	U	47.	J	360.	UR
193-39-5	Indeno(1,2,3-cd)pyrene	350.	UJ	360.	U	350.	UJ	390.	U	20.	J	360.	UR
53-70-3	Dibenz(a,h)anthracene	350.	UJ	360.	U	350.	UJ	390.	U	350.	U	360.	UR
191-24-2	Benzo(g,h,i)perylene	350.	UJ	360.	U	350.	UJ	390.	U	350.	U	360.	UR

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0009-01		338-S-0010-01		338-S-0010-02		338-S-0011-01		338-S-0012-01		338-S-0012-02	
	ORIGINAL ID ----->	044S000901		44S001001		44S001002		044S001101		044S001201		044S001202	
	LAB SAMPLE ID --->	665454		665445		665446		664285		664283		664284	
	ID FROM REPORT -->	44S000901		44S001001		44S001002		44S001101		44S001201		44S001202	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/05/94		12/05/94		12/06/94	
	DATE EXTRACTED -->	12/08/94		12/08/94		12/08/94		12/06/94		12/06/94		12/06/94	
	DATE ANALYZED --->	12/16/94		12/15/94		12/15/94		12/08/94		12/08/94		12/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00052	VAL	00052	VAL	00001	VAL	00001	VAL	00001	VAL
108-95-2	Phenol	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
95-57-8	2-Chlorophenol	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
541-73-1	1,3-Dichlorobenzene	370.	U	26.	J	370.	J	2800.		960.		3900.	
106-46-7	1,4-Dichlorobenzene	370.	U	300.	J	3500.	DJ	1200.		4200.	D	22000.	D
95-50-1	1,2-Dichlorobenzene	370.	U	1700.		23000.	D	2800.		270.	J	710.	J
95-48-7	2-Methylphenol (o-Cresol)	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
67-72-1	Hexachloroethane	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
98-95-3	Nitrobenzene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
78-59-1	Isophorone	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
88-75-5	2-Nitrophenol	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
105-67-9	2,4-Dimethylphenol	370.	U	350.	U	68.	J	350.	U	1100.		2000.	
111-91-1	bis(2-Chloroethoxy)methane	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
120-83-2	2,4-Dichlorophenol	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	350.	U	170.	J	350.	U	340.	U	1800.	U
91-20-3	Naphthalene	370.	U	350.	U	380.	U	190.	J	180.	J	390.	J
106-47-8	4-Chloroaniline	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
87-68-3	Hexachlorobutadiene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
59-50-7	4-Chloro-3-methylphenol	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
91-57-6	2-Methylnaphthalene	370.	U	350.	U	380.	U	180.	J	1200.		1800.	U
77-47-4	Hexachlorocyclopentadiene	370.	U	350.	UJ	380.	UJ	350.	U	340.	U	1800.	U
88-06-2	2,4,6-Trichlorophenol	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
95-95-4	2,4,5-Trichlorophenol	900.	U	860.	U	910.	U	850.	U	820.	U	4400.	U
91-58-7	2-Chloronaphthalene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
88-74-4	2-Nitroaniline	900.	U	860.	U	910.	U	850.	U	820.	U	4400.	U
131-11-3	Dimethyl phthalate	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
208-96-8	Acenaphthylene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
606-20-2	2,6-Dinitrotoluene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
99-09-2	3-Nitroaniline	900.	U	860.	U	910.	U	850.	U	820.	U	4400.	U
83-32-9	Acenaphthene	370.	U	350.	U	380.	U	350.	U	38.	J	1800.	U
51-28-5	2,4-Dinitrophenol	900.	U	860.	UJ	910.	UJ	850.	U	820.	U	4400.	U
100-02-7	4-Nitrophenol	900.	U	860.	U	910.	U	850.	U	820.	U	4400.	U
132-64-9	Dibenzofuran	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0009-01		338-S-0010-01		338-S-0010-02		338-S-0011-01		338-S-0012-01		338-S-0012-02	
	ORIGINAL ID ----->	044S000901		44S001001		44S001002		044S001101		044S001201		044S001202	
	LAB SAMPLE ID --->	665454		665445		665446		664285		664283		664284	
	ID FROM REPORT -->	44S000901		44S001001		44S001002		44S001101		44S001201		44S001202	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/05/94		12/05/94		12/06/94	
	DATE EXTRACTED -->	12/08/94		12/08/94		12/08/94		12/06/94		12/06/94		12/06/94	
	DATE ANALYZED --->	12/16/94		12/15/94		12/15/94		12/08/94		12/08/94		12/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00052	VAL	00052	VAL	00001	VAL	00001	VAL	00001	VAL
121-14-2	2,4-Dinitrotoluene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
84-66-2	Diethylphthalate	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
86-73-7	Fluorene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
100-01-6	4-Nitroaniline	900.	U	860.	U	910.	U	850.	U	820.	U	4400.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	900.	U	860.	U	910.	UJ	850.	U	820.	U	4400.	U
86-30-6	N-Nitrosodiphenylamine	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	UJ
101-55-3	4-Bromophenyl-phenylether	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
118-74-1	Hexachlorobenzene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
87-86-5	Pentachlorophenol	900.	U	860.	U	910.	U	850.	U	820.	U	4400.	U
85-01-8	Phenanthrene	370.	U	350.	U	380.	U	350.	U	82.	J	1800.	U
120-12-7	Anthracene	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
86-74-8	Carbazole	370.	U	350.	U	380.	U	350.	U	340.	U	1800.	U
84-74-2	Di-n-butylphthalate	26.	J	57.	J	380.	UJ	65.	J	52.	J	1800.	U
206-44-0	Fluoranthene	19.	J	150.	J	81.	J	35.	J	150.	J	260.	J
129-00-0	Pyrene	30.	J	220.	J	160.	J	41.	J	120.	J	200.	J
85-68-7	Butylbenzylphthalate	370.	U	350.	U	380.	UJ	37.	J	160.	J	1800.	U
91-94-1	3,3'-Dichlorobenzidine	370.	U	350.	U	380.	UJ	350.	U	340.	U	1800.	U
56-55-3	Benzo(a)anthracene	370.	U	130.	J	96.	J	350.	U	75.	J	1800.	U
218-01-9	Chrysene	370.	U	180.	J	120.	J	350.	U	96.	J	1800.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	110.	J	120.	J	82.	J	140.	J	480.		1400.	J
117-84-0	Di-n-octyl phthalate	370.	UJ	350.	U	380.	UJ	350.	U	340.	U	1800.	U
205-99-2	Benzo(b)fluoranthene	39.	J	390.	J	240.	J	350.	U	120.	DJ	1800.	U
207-08-9	Benzo(k)fluoranthene	42.	J	430.	J	260.	J	350.	U	110.	DJ	1800.	U
50-32-8	Benzo(a)pyrene	370.	UJ	170.	J	110.	J	350.	U	62.	J	1800.	U
193-39-5	Indeno(1,2,3-cd)pyrene	370.	UJ	79.	J	62.	J	350.	U	340.	U	1800.	U
53-70-3	Dibenz(a,h)anthracene	370.	UJ	51.	J	26.	J	350.	U	340.	U	1800.	U
191-24-2	Benzo(g,h,i)perylene	370.	UJ	65.	J	44.	J	350.	U	340.	U	1800.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0013-01		338-S-0014-01		338-S-0014-02		338-S-0015-01		338-S-0015-02		338-S-0016-01	
	ORIGINAL ID ----->	044S001301		044S001401		044S001402		044S001501		044S001502		044S001601	
	LAB SAMPLE ID --->	664282		664280		664281		664278		664279		664274	
	ID FROM REPORT -->	44S001301		44S001401		44S001402		44S001501		44S001502		44S001601	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		12/05/94		12/05/94		12/05/94	
	DATE EXTRACTED -->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE ANALYZED --->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00001	VAL
108-95-2	Phenol	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
111-44-4	bis(2-Chloroethyl)ether	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
95-57-8	2-Chlorophenol	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
541-73-1	1,3-Dichlorobenzene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
106-46-7	1,4-Dichlorobenzene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
95-50-1	1,2-Dichlorobenzene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
95-48-7	2-Methylphenol (o-Cresol)	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
106-44-5	4-Methylphenol (p-Cresol)	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
67-72-1	Hexachloroethane	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
98-95-3	Nitrobenzene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
78-59-1	Isophorone	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
88-75-5	2-Nitrophenol	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
105-67-9	2,4-Dimethylphenol	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
111-91-1	bis(2-Chloroethoxy)methane	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
120-83-2	2,4-Dichlorophenol	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
91-20-3	Naphthalene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
106-47-8	4-Chloroaniline	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
87-68-3	Hexachlorobutadiene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
59-50-7	4-Chloro-3-methylphenol	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
91-57-6	2-Methylnaphthalene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
77-47-4	Hexachlorocyclopentadiene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
88-06-2	2,4,6-Trichlorophenol	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
95-95-4	2,4,5-Trichlorophenol	830.	U	820.	U	910.	U	810.	U	840.	U	830.	U
91-58-7	2-Chloronaphthalene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
88-74-4	2-Nitroaniline	830.	U	820.	U	910.	U	810.	U	840.	U	830.	U
131-11-3	Dimethyl phthalate	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
208-96-8	Acenaphthylene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
606-20-2	2,6-Dinitrotoluene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
99-09-2	3-Nitroaniline	830.	U	820.	U	910.	U	810.	U	840.	U	830.	U
83-32-9	Acenaphthene	340.	UJ	340.	U	380.	U	330.	U	350.	U	340.	U
51-28-5	2,4-Dinitrophenol	830.	U	820.	U	910.	U	810.	U	840.	U	830.	U
100-02-7	4-Nitrophenol	830.	U	820.	U	910.	U	810.	U	840.	U	830.	U
132-64-9	Dibenzofuran	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0013-01		338-S-0014-01		338-S-0014-02		338-S-0015-01		338-S-0015-02		338-S-0016-01	
	ORIGINAL ID ----->	044S001301		044S001401		044S001402		044S001501		044S001502		044S001601	
	LAB SAMPLE ID --->	664282		664280		664281		664278		664279		664274	
	ID FROM REPORT -->	44S001301		44S001401		44S001402		44S001501		44S001502		44S001601	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		12/05/94		12/05/94		12/05/94	
	DATE EXTRACTED -->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE ANALYZED --->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00001	VAL
121-14-2	2,4-Dinitrotoluene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
84-66-2	Diethylphthalate	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
7005-72-3	4-Chlorophenylphenylether	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
86-73-7	Fluorene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
100-01-6	4-Nitroaniline	830.	U	820.	U	910.	U	810.	U	840.	U	830.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	830.	U	820.	U	910.	U	810.	U	840.	U	830.	U
86-30-6	N-Nitrosodiphenylamine	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
101-55-3	4-Bromophenyl-phenylether	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
118-74-1	Hexachlorobenzene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
87-86-5	Pentachlorophenol	830.	UJ	820.	U	910.	U	810.	U	840.	U	830.	U
85-01-8	Phenanthrene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
120-12-7	Anthracene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
86-74-8	Carbazole	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
84-74-2	Di-n-butylphthalate	39.	J	340.	U	380.	U	330.	U	39.	J	50.	J
206-44-0	Fluoranthene	89.	J	340.	U	380.	U	330.	U	350.	U	47.	J
129-00-0	Pyrene	110.	J	340.	U	380.	U	44.	J	350.	U	54.	J
85-68-7	Butylbenzylphthalate	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
91-94-1	3,3'-Dichlorobenzidine	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
56-55-3	Benzo(a)anthracene	43.	J	340.	U	380.	U	330.	U	350.	U	340.	U
218-01-9	Chrysene	130.	J	340.	U	380.	U	330.	U	350.	U	35.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	110.	J	35.	J	380.	U	58.	J	39.	J	92.	J
117-84-0	Di-n-octyl phthalate	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
205-99-2	Benzo(b)fluoranthene	480.	J	340.	U	380.	U	330.	U	350.	U	55.	J
207-08-9	Benzo(k)fluoranthene	510.	J	340.	U	380.	U	330.	U	350.	U	340.	U
50-32-8	Benzo(a)pyrene	180.	J	340.	U	380.	U	330.	U	350.	U	340.	U
193-39-5	Indeno(1,2,3-cd)pyrene	100.	J	340.	U	380.	U	330.	U	350.	U	340.	U
53-70-3	Dibenz(a,h)anthracene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U
191-24-2	Benzo(g,h,i)perylene	340.	U	340.	U	380.	U	330.	U	350.	U	340.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0016-03		338-S-0016-04		338-S-0017-01		338-S-0018-01		338-S-0019-01		338-S-0020-01	
	ORIGINAL ID ----->	044S001603		044S001604		44S001701		044S001801		044S001901		044S002001	
	LAB SAMPLE ID --->	664276		664277		667322		668197		668208		668213	
	ID FROM REPORT -->	44S001603		44S001604		44S001701		44S001801		44S001901		44S002001	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/08/94		12/12/94		12/12/94		12/12/94	
	DATE EXTRACTED -->	12/06/94		12/06/94		12/12/94		12/14/94		12/14/94		12/14/94	
	DATE ANALYZED --->	12/08/94		12/08/94		12/15/94		12/17/94		12/17/94		12/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00052	VAL	00094	VAL	00094	VAL	00094	VAL
108-95-2	Phenol	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
95-57-8	2-Chlorophenol	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
541-73-1	1,3-Dichlorobenzene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
106-46-7	1,4-Dichlorobenzene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	UJ
95-50-1	1,2-Dichlorobenzene	350.	U	330.	U	390.	U	58.	J	410.	U	370.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	330.	U	390.	U	380.	UJ	410.	UJ	370.	UJ
106-44-5	4-Methylphenol (p-Cresol)	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
67-72-1	Hexachloroethane	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
98-95-3	Nitrobenzene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
78-59-1	Isophorone	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
88-75-5	2-Nitrophenol	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
105-67-9	2,4-Dimethylphenol	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
120-83-2	2,4-Dichlorophenol	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	UJ
91-20-3	Naphthalene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
106-47-8	4-Chloroaniline	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
87-68-3	Hexachlorobutadiene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
91-57-6	2-Methylnaphthalene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
95-95-4	2,4,5-Trichlorophenol	840.	U	810.	U	940.	U	930.	U	990.	U	890.	U
91-58-7	2-Chloronaphthalene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
88-74-4	2-Nitroaniline	840.	U	810.	U	940.	U	930.	UJ	990.	UJ	890.	UJ
131-11-3	Dimethyl phthalate	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
208-96-8	Acenaphthylene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
606-20-2	2,6-Dinitrotoluene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
99-09-2	3-Nitroaniline	840.	U	810.	U	940.	U	930.	U	990.	U	890.	U
83-32-9	Acenaphthene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	UJ
51-28-5	2,4-Dinitrophenol	840.	U	810.	U	940.	U	930.	U	990.	U	890.	U
100-02-7	4-Nitrophenol	840.	U	810.	U	940.	U	930.	U	990.	U	890.	U
132-64-9	Dibenzofuran	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA													
	SAMPLE ID ------->	338-S-0016-03		338-S-0016-04		338-S-0017-01		338-S-0018-01		338-S-0019-01		338-S-0020-01	
	ORIGINAL ID ----->	044S001603		044S001604		44S001701		044S001801		044S001901		044S002001	
	LAB SAMPLE ID --->	664276		664277		667322		668197		668208		668213	
	ID FROM REPORT -->	44S001603		44S001604		44S001701		44S001801		44S001901		44S002001	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/08/94		12/12/94		12/12/94		12/12/94	
	DATE EXTRACTED -->	12/06/94		12/06/94		12/12/94		12/14/94		12/14/94		12/14/94	
	DATE ANALYZED --->	12/08/94		12/08/94		12/15/94		12/17/94		12/17/94		12/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00052	VAL	00094	VAL	00094	VAL	00094	VAL
121-14-2	2,4-Dinitrotoluene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
84-66-2	Diethylphthalate	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
86-73-7	Fluorene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
100-01-6	4-Nitroaniline	840.	U	810.	U	940.	U	930.	U	990.	U	890.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	840.	U	810.	U	940.	U	930.	U	990.	U	890.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
118-74-1	Hexachlorobenzene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
87-86-5	Pentachlorophenol	840.	U	810.	U	940.	U	930.	U	990.	U	890.	U
85-01-8	Phenanthrene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
120-12-7	Anthracene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
86-74-8	Carbazole	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
84-74-2	Di-n-butylphthalate	54.	J	330.	U	42.	J	380.	U	410.	U	370.	U
206-44-0	Fluoranthene	79.	J	330.	U	390.	U	380.	U	410.	U	110.	J
129-00-0	Pyrene	63.	J	330.	U	390.	U	380.	U	410.	U	81.	J
85-68-7	Butylbenzylphthalate	350.	U	330.	U	390.	U	380.	UJ	410.	UJ	370.	UJ
91-94-1	3,3'-Dichlorobenzidine	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
56-55-3	Benzo(a)anthracene	350.	U	330.	U	390.	U	380.	U	410.	U	54.	J
218-01-9	Chrysene	350.	U	330.	U	390.	U	380.	U	410.	U	68.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	54.	J	330.	U	390.	U	380.	U	410.	U	59.	J
117-84-0	Di-n-octyl phthalate	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
205-99-2	Benzo(b)fluoranthene	350.	U	330.	U	390.	U	380.	U	410.	U	150.	J
207-08-9	Benzo(k)fluoranthene	350.	U	330.	U	390.	U	380.	U	410.	U	140.	J
50-32-8	Benzo(a)pyrene	350.	U	330.	U	390.	U	380.	U	410.	U	55.	J
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
53-70-3	Dibenz(a,h)anthracene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U
191-24-2	Benzo(g,h,i)perylene	350.	U	330.	U	390.	U	380.	U	410.	U	370.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA									
	SAMPLE ID ------->	338-S-0021-01		338-C-0021-01					
	ORIGINAL ID ----->	044S002101		044C002101					
	LAB SAMPLE ID --->	668215		668217					
	ID FROM REPORT -->	44S002101		44C002101					
	SAMPLE DATE ----->	12/12/94		12/12/94					
	DATE EXTRACTED -->	12/14/94		12/14/94					
	DATE ANALYZED --->	12/17/94		12/17/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	00094	VAL	00094	VAL				
108-95-2	Phenol	330.	U	380.	U				
111-44-4	bis(2-Chloroethyl)ether	330.	U	380.	U				
95-57-8	2-Chlorophenol	330.	U	380.	U				
541-73-1	1,3-Dichlorobenzene	330.	U	380.	U				
106-46-7	1,4-Dichlorobenzene	330.	U	380.	U				
95-50-1	1,2-Dichlorobenzene	330.	U	380.	U				
95-48-7	2-Methylphenol (o-Cresol)	330.	U	380.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	UJ	380.	UJ				
106-44-5	4-Methylphenol (p-Cresol)	330.	U	380.	U				
621-64-7	N-Nitroso-di-n-propylamine	330.	U	380.	U				
67-72-1	Hexachloroethane	330.	U	380.	U				
98-95-3	Nitrobenzene	330.	U	380.	U				
78-59-1	Isophorone	330.	U	380.	U				
88-75-5	2-Nitrophenol	330.	U	380.	U				
105-67-9	2,4-Dimethylphenol	330.	U	380.	U				
111-91-1	bis(2-Chloroethoxy)methane	330.	U	380.	U				
120-83-2	2,4-Dichlorophenol	330.	U	380.	U				
120-82-1	1,2,4-Trichlorobenzene	330.	U	380.	U				
91-20-3	Naphthalene	330.	U	380.	U				
106-47-8	4-Chloroaniline	330.	U	380.	U				
87-68-3	Hexachlorobutadiene	330.	U	380.	U				
59-50-7	4-Chloro-3-methylphenol	330.	U	380.	U				
91-57-6	2-Methylnaphthalene	330.	U	380.	U				
77-47-4	Hexachlorocyclopentadiene	330.	U	380.	U				
88-06-2	2,4,6-Trichlorophenol	330.	U	380.	U				
95-95-4	2,4,5-Trichlorophenol	800.	U	920.	U				
91-58-7	2-Chloronaphthalene	330.	U	380.	U				
88-74-4	2-Nitroaniline	800.	UJ	920.	UJ				
131-11-3	Dimethyl phthalate	330.	U	380.	U				
208-96-8	Acenaphthylene	330.	U	380.	U				
606-20-2	2,6-Dinitrotoluene	330.	U	380.	U				
99-09-2	3-Nitroaniline	800.	U	920.	U				
83-32-9	Acenaphthene	330.	U	380.	U				
51-28-5	2,4-Dinitrophenol	800.	U	920.	U				
100-02-7	4-Nitrophenol	800.	U	920.	U				
132-64-9	Di[illegible]ofuran	330.	U	380.	U				

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

SVOA								
	SAMPLE ID ------->	338-S-0021-01		338-C-0021-01				
	ORIGINAL ID ----->	044S002101		044C002101				
	LAB SAMPLE ID --->	668215		668217				
	ID FROM REPORT -->	44S002101		44C002101				
	SAMPLE DATE ----->	12/12/94		12/12/94				
	DATE EXTRACTED -->	12/14/94		12/14/94				
	DATE ANALYZED --->	12/17/94		12/17/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	00094	VAL	00094	VAL			
121-14-2	2,4-Dinitrotoluene	330.	U	380.	U			
84-66-2	Diethylphthalate	330.	U	380.	U			
7005-72-3	4-Chlorophenylphenylether	330.	U	380.	U			
86-73-7	Fluorene	330.	U	380.	U			
100-01-6	4-Nitroaniline	800.	U	920.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	800.	U	920.	U			
86-30-6	N-Nitrosodiphenylamine	330.	U	380.	U			
101-55-3	4-Bromophenyl-phenylether	330.	U	380.	U			
118-74-1	Hexachlorobenzene	330.	U	380.	U			
87-86-5	Pentachlorophenol	800.	U	920.	U			
85-01-8	Phenanthrene	330.	U	380.	U			
120-12-7	Anthracene	330.	U	380.	U			
86-74-8	Carbazole	330.	U	380.	U			
84-74-2	Di-n-butylphthalate	330.	U	380.	U			
206-44-0	Fluoranthene	42.	J	53.	J			
129-00-0	Pyrene	49.	J	54.	J			
85-68-7	Butylbenzylphthalate	330.	UJ	380.	UJ			
91-94-1	3,3'-Dichlorobenzidine	330.	U	380.	U			
56-55-3	Benzo(a)anthracene	31.	J	38.	J			
218-01-9	Chrysene	43.	J	48.	J			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	54.	J	380.	UJ			
117-84-0	Di-n-octyl phthalate	330.	U	380.	U			
205-99-2	Benzo(b)fluoranthene	120.	J	140.	J			
207-08-9	Benzo(k)fluoranthene	130.	J	150.	J			
50-32-8	Benzo(a)pyrene	42.	J	49.	J			
193-39-5	Indeno(1,2,3-cd)pyrene	330.	U	380.	U			
53-70-3	Dibenz(a,h)anthracene	330.	U	380.	U			
191-24-2	Benzo(g,h,i)perylene	330.	U	380.	U			

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	338-S-0001-01		338-S-0001-03		338-C-0001-03		338-S-0001-04		338-S-0002-01		338-S-0003-01	
	ORIGINAL ID ----->	044S000101		044S000103		044C000103		044S000104		044S000201		044S000301	
	LAB SAMPLE ID --->	664265		664266		664275		664267		665424		665431	
	ID FROM REPORT -->	44S000101		44S000103		44C000103		44S000104		44S000201		44S000301	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		12/05/94		12/06/94		12/06/94	
	DATE ANALYZED --->	12/08/94		12/08/94		12/08/94		12/08/94		12/09/94		12/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00052	VAL	00052	VAL
74-87-3	Chloromethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	UJ	11.	UJ	11.	UJ	12.	UJ	10.	U	10.	U
75-00-3	Chloroethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
75-09-2	Methylene chloride	12.	UJ	23.	UJ	24.	UJ	31.	UJ	35.	UJ	34.	UJ
67-64-1	Acetone	10.	U	11.	U	52.		51.		17.	UJ	11.	UJ
75-15-0	Carbon disulfide	10.	U	11.	UJ	11.	UJ	12.	UJ	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	11.	U	11.	U	12.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	338-C-0003-01		338-S-0003-02		338-S-0004-01		338-S-0005-01		338-S-0005-03		338-S-0005-05	
	ORIGINAL ID ----->	044C000301		044S000302		044S000401		044S000501		044S000503		044S000505	
	LAB SAMPLE ID --->	665433		665435		665437		665439		665440		665442	
	ID FROM REPORT -->	44C000301		44S000302		44S000401		44S000501		44S000503		44S000505	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE ANALYZED --->	12/09/94		12/09/94		12/09/94		12/09/94		12/09/94		12/10/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00052	VAL	00052	VAL	00052	VAL	00052	VAL	00052	VAL	00052	VAL
74-87-3	Chloromethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
75-09-2	Methylene chloride	25.	UJ	30.	UJ	46.	UJ	27.	UJ	40.	UJ	25.	U
67-64-1	Acetone	10.	UJ	12.	UJ	23.	UJ	17.	UJ	43.	UJ	19.	U
75-15-0	Carbon disulfide	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	14.	U	11.	U	11.	U	10.	UJ
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	14.	U	11.	U	11.	U	10.	UJ
127-18-4	Tetrachloroethene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	14.	U	11.	U	11.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	338-S-0006-01		338-S-0006-03		338-S-0007-01		338-S-0007-02		338-S-0008-01		338-S-0008-02	
	ORIGINAL ID ----->	044S000601		044S000603		044S000701		044S000702		044S000801		044S000802	
	LAB SAMPLE ID --->	665457		665458		665452		665455		665448		665450	
	ID FROM REPORT -->	44S000601		44S000603		44S000701		44S000702		44S000801		44S000802	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/06/94		12/06/94		12/06/94	
	DATE ANALYZED --->	12/09/94		12/09/94		12/09/94		12/09/94		12/09/94		12/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00052	VAL	00052	VAL
74-87-3	Chloromethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
75-09-2	Methylene chloride	28.	UJ	22.	UJ	29.	UJ	34.	UJ	35.	UJ	33.	UJ
67-64-1	Acetone	15.	U	13.	UJ	25.	U	24.	U	30.	UJ	57.	UJ
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	UJ	11.	U	12.	U	11.	U	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
71-43-2	Benzene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
591-78-6	2-Hexanone	11.	U	11.	UJ	11.	U	12.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
100-42-5	Styrene	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	338-S-0009-01		338-S-0010-01		338-S-0010-02		338-S-0011-01		338-S-0012-01		338-S-0012-02	
	ORIGINAL ID ----->	044S000901		044S001001		044S001002		044S001101		044S001201		044S001202	
	LAB SAMPLE ID --->	665454		665445		665446		664285		664283		664284	
	ID FROM REPORT -->	44S000901		44S001001		44S001002		44S001101		44S001201		44S001202	
	SAMPLE DATE ----->	12/06/94		12/06/94		12/06/94		12/05/94		12/05/94		12/06/94	
	DATE ANALYZED --->	12/09/94		12/09/94		12/09/94		12/09/94		12/08/94		12/08/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00052	VAL	00052	VAL	00001	VAL	00001	VAL	00001	VAL
74-87-3	Chloromethane	11.	U	11.	U	11.	U	11.	UJ	10.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	11.	U	10.	UJ	11.	UJ
75-00-3	Chloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-09-2	Methylene chloride	34.	UJ	25.	UJ	31.	UJ	43.	UJ	13.	UJ	23.	UJ
67-64-1	Acetone	23.	U	16.	UJ	27.	UJ	11.	UJ	10.	U	24.	
75-15-0	Carbon disulfide	11.	U	11.	U	11.	U	11.	U	10.	UJ	11.	UJ
75-35-4	1,1-Dichloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
67-66-3	Chloroform	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	11.	UJ	10.	U	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-01-6	Trichloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
71-43-2	Benzene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
75-25-2	Bromoform	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	11.	UJ	10.	U	11.	U
591-78-6	2-Hexanone	11.	U	11.	U	11.	U	11.	UJ	10.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
108-88-3	Toluene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
108-90-7	Chlorobenzene	11.	U	11.	U	2.	J	11.	U	5.	J	790.	DJ
100-41-4	Ethylbenzene	11.	U	11.	U	11.	U	11.	U	10.	U	3.	J
100-42-5	Styrene	11.	U	11.	U	11.	U	11.	U	10.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	11.	U	11.	U	11.	U	10.	U	4.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	338-S-0013-01		338-S-0014-01		338-S-0014-02		338-S-0015-01		338-S-0015-02		338-S-0016-01	
	ORIGINAL ID ----->	044S001301		044S001401		044S001402		044S001501		044S001502		044S001601	
	LAB SAMPLE ID --->	664282		664280		664281		664278		664279		664274	
	ID FROM REPORT -->	44S001301		44S001401		44S001402		44S001501		44S001502		44S001601	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/05/94		12/05/94		12/05/94		12/05/94	
	DATE ANALYZED --->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/08/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00001	VAL	00001	VAL
74-87-3	Chloromethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
75-01-4	Vinyl chloride	10.	UJ	10.	UJ	11.	UJ	10.	UJ	11.	UJ	10.	UJ
75-00-3	Chloroethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
75-09-2	Methylene chloride	25.	UJ	13.	UJ	15.	UJ	14.	UJ	18.	UJ	32.	UJ
67-64-1	Acetone	17.		10.	U	20.		17.		11.	U	80.	
75-15-0	Carbon disulfide	10.	UJ	10.	UJ	11.	UJ	10.	UJ	11.	UJ	10.	UJ
75-35-4	1,1-Dichloroethene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	11.	U	10.	U	11.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

VOA													
	SAMPLE ID ------->	338-S-0016-03		338-S-0016-04		338-S-0017-01		338-S-0018-01		338-S-0019-01		338-S-0020-01	
	ORIGINAL ID ----->	044S001603		044S001604		044S001701		044S001801		044S001901		044S002001	
	LAB SAMPLE ID --->	664276		664277		667322		668197		668208		668213	
	ID FROM REPORT -->	44S001603		44S001604		44S001701		44S001801		44S001901		44S002001	
	SAMPLE DATE ----->	12/05/94		12/05/94		12/08/94		12/12/94		12/12/94		12/12/94	
	DATE ANALYZED --->	12/08/94		12/08/94		12/13/94		12/14/94		12/14/94		12/14/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00001	VAL	00001	VAL	00052	VAL	00094	VAL	00094	VAL	00094	VAL
74-87-3	Chloromethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
74-83-9	Bromomethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
75-01-4	Vinyl chloride	11.	UJ	10.	UJ	12.	U	12.	U	12.	U	11.	U
75-00-3	Chloroethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
75-09-2	Methylene chloride	22.	UJ	35.	UJ	21.	U	25.	U	20.	U	20.	U
67-64-1	Acetone	30.		29.		22.		21.	J	12.	UJ	7.	J
75-15-0	Carbon disulfide	11.	UJ	10.	UJ	12.	U	12.	U	12.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
67-66-3	Chloroform	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
79-01-6	Trichloroethene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
71-43-2	Benzene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
75-25-2	Bromoform	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
591-78-6	2-Hexanone	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
108-88-3	Toluene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
108-90-7	Chlorobenzene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
100-41-4	Ethylbenzene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
100-42-5	Styrene	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	10.	U	12.	U	12.	U	12.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 44 DECEMBER SAMPLES
PENSACOLA, BLDG 3380 VERIFICATION SAMPLE
SOIL SAMPLES

VOA									
	SAMPLE ID ------->	338-S-0021-01		338-C-0021-01					
	ORIGINAL ID ----->	044S002101		044C002101					
	LAB SAMPLE ID --->	668215		668217					
	ID FROM REPORT -->	44S002101		44C002101					
	SAMPLE DATE ----->	12/12/94		12/12/94					
	DATE ANALYZED --->	12/15/94		12/15/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	00094	VAL	00094	VAL				
74-87-3	Chloromethane	12.	U	11.	U				
74-83-9	Bromomethane	12.	U	11.	U				
75-01-4	Vinyl chloride	12.	U	11.	U				
75-00-3	Chloroethane	12.	U	11.	U				
75-09-2	Methylene chloride	22.	U	21.	U				
67-64-1	Acetone	12.	UJ	11.	UJ				
75-15-0	Carbon disulfide	12.	U	11.	U				
75-35-4	1,1-Dichloroethene	12.	U	11.	U				
75-34-3	1,1-Dichloroethane	12.	U	11.	U				
540-59-0	1,2-Dichloroethene (total)	12.	U	11.	U				
67-66-3	Chloroform	12.	U	11.	U				
107-06-2	1,2-Dichloroethane	12.	U	11.	U				
78-93-3	2-Butanone (MEK)	12.	U	11.	U				
71-55-6	1,1,1-Trichloroethane	12.	U	11.	U				
56-23-5	Carbon tetrachloride	12.	U	11.	U				
75-27-4	Bromodichloromethane	12.	U	11.	U				
78-87-5	1,2-Dichloropropane	12.	U	11.	U				
10061-01-5	cis-1,3-Dichloropropene	12.	U	11.	U				
79-01-6	Trichloroethene	12.	U	11.	U				
124-48-1	Dibromochloromethane	12.	U	11.	U				
79-00-5	1,1,2-Trichloroethane	12.	U	11.	U				
71-43-2	Benzene	12.	U	11.	U				
10061-02-6	trans-1,3-Dichloropropene	12.	U	11.	U				
75-25-2	Bromoform	12.	U	11.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	11.	U				
591-78-6	2-Hexanone	12.	U	11.	U				
127-18-4	Tetrachloroethene	12.	U	11.	U				
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	11.	U				
108-88-3	Toluene	12.	U	11.	U				
108-90-7	Chlorobenzene	12.	U	11.	U				
100-41-4	Ethylbenzene	12.	U	11.	U				
100-42-5	Styrene	12.	U	11.	U				
1330-20-7	Xylene (Total)	12.	U	11.	U				

*** Validation Complete ***

Appendix I
Groundwater Analytical Results

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	036-G-0001-00		036-H-0001-00		036-G-0002-00		036-G-0003-00		036-G-0004-00		036-G-0005-00	
	ORIGINAL ID ----->	36GR01		36GR01D		36GR02		36GR03		36GR04		36GR05	
	LAB SAMPLE ID --->	X95923		X95931		X95940		X95958		X95966		X95974	
	ID FROM REPORT -->	J50602		J50603		J50604		J50605		J50606		J50607	
	SAMPLE DATE ----->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/05/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
CN	Cyanide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
AL	Aluminum	211.		202.		110.	J	245.		282.		255.	
SB	Antimony	26.	U	26.	U	26.	U	26.	U	26.	U	33.8	J
AS	Arsenic	3.2	J	4.	J	3.	J	4.6	J	8.1	J	4.4	J
BA	Barium	273.		274.		95.5	J	93.6	J	79.3	J	150.	J
BE	Beryllium	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
CD	Cadmium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CA	Calcium	54200.		53700.		45300.		43800.		44100.		77300.	
CR	Chromium	4.	U	4.	U	4.	U	4.	U	4.2	J	4.	U
CO	Cobalt	5.	U	5.	U	5.	U	5.8	J	5.8	J	7.9	J
CU	Copper	3.7	J	4.2	J	4.2	J	24.8	J	3.	U	3.8	J
FE	Iron	104.		106.		91.8	J	396.		543.		533.	
PB	Lead	24.6	J	24.6	J	9.5	J	180.	J	7.5	J	9.7	J
MG	Magnesium	2110.	J	2110.	J	2950.	J	2030.	J	1890.	J	5210.	
MN	Manganese	326.		316.		227.		332.		264.		645.	
HG	Mercury	0.2	U	0.2	U	0.22		0.2	U	0.2	U	0.2	U
NI	Nickel	17.	U	17.	U	17.	U	17.	U	17.	U	17.2	J
K	Potassium	2430.	J	2690.	J	2400.	J	1430.	J	1470.	J	1500.	J
SE	Selenium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
AG	Silver	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
NA	Sodium	4140.	J	4150.	J	7440.		2750.	J	3010.	J	5390.	
TL	Thallium	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
V	Vanadium	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
ZN	Zinc	99.2		94.		34.1	U	101.		47.9	U	82.6	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	036-G-0006-00		036-G-0007-00		036-G-0008-00		036-G-0009-00		036-G-0010-00		036-G-0011-00	
	ORIGINAL ID ----->	36GR06		36GR07		36GR08		36GR09		36GR10		36GR11	
	LAB SAMPLE ID --->	X94820		X94838		X94846		X94854		X92720		X92703	
	ID FROM REPORT -->	J50502		J50503		J50504		J50505		J50405		J50403	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94					
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
CN	Cyanide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
AL	Aluminum	407.		995.		364.		57.2	J	52.1	J	52.7	J
SB	Antimony	26.	U	26.	U	26.	U	26.	U	26.	U	26.	U
AS	Arsenic	3.	U	3.5	J	3.	U	3.4	J	4.2	J	3.	U
BA	Barium	87.2	J	84.2	J	45.1	J	75.5	J	92.5	J	77.2	J
BE	Beryllium	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
CD	Cadmium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CA	Calcium	49400.		11600.		47200.		67500.		65700.		47100.	
CR	Chromium	4.	U	6.1	J	4.	U	4.	U	4.	U	4.	U
CO	Cobalt	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CU	Copper	3.7	J	9.	J	3.7	J	3.	U	3.	U	3.	U
FE	Iron	220.		699.		258.		59.4	UJ	68.	J	983.	
PB	Lead	3.	J	9.	J	2.3	J	2.	UJ	2.	UJ	3.3	J
MG	Magnesium	3150.	J	1290.	J	1650.	J	3030.	J	2230.	J	1360.	J
MN	Manganese	658.		39.		135.		705.		160.		526.	
HG	Mercury	0.32		0.21		0.2	U	0.2	U	0.2	U	0.2	U
NI	Nickel	17.	U	17.	U	17.	U	17.	U	17.	U	17.	U
K	Potassium	2770.	J	420.	U	1350.	J	2100.	J	1640.	J	1040.	J
SE	Selenium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
AG	Silver	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
NA	Sodium	5090.		1690.	J	5960.		7710.		5160.		5640.	
TL	Thallium	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
V	Vanadium	4.	U	4.4	J	4.	U	4.	U	4.	U	4.	U
ZN	Zinc	47.1	U	112.		22.2	U	25.1	U	20.4	U	37.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	036-H-0011-00		036-G-0012-00		036-G-0013-00		036-G-0014-00		036-G-0015-00		036-G-0016-00	
	ORIGINAL ID ----->	36GR11D		36GR12		36GR13		36GR14		36GR15		36GR16	
	LAB SAMPLE ID --->	X92711		X92681		100463		100471		X92690		X92037	
	ID FROM REPORT -->	J50404		J50401		J51106		J51107		J50402		J50301	
	SAMPLE DATE ----->					05/10/94		05/10/94				05/02/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT807	VAL	CT807	VAL	CT805	VAL	CT803	VAL
CN	Cyanide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
AL	Aluminum	37.5	J	441.		3390.	J	753.	J	402.		254.	
SB	Antimony	26.	U	26.	U	26.	U	26.	U	26.	U	26.	U
AS	Arsenic	3.	U	5.2	J	4.2	U	7.	U	3.	U	9.7	
BA	Barium	76.4	J	43.2	J	101.	J	26.4	J	54.	J	34.7	
BE	Beryllium	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
CD	Cadmium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CA	Calcium	46400.		59900.		22400.		17200.		49400.		25300.	
CR	Chromium	4.	U	4.	U	7.2	J	4.	U	4.	J	4.	U
CO	Cobalt	5.	U	5.	U	5.9	J	5.	U	5.	U	5.	U
CU	Copper	3.	U	3.	U	54.7		4.7	J	3.	U	3.	U
FE	Iron	963.		49.4	UJ	1820.		302.		158.		217.	
PB	Lead	4.	J	3.1	J	36.9		35.4		2.	UJ	2.	U
MG	Magnesium	1330.	J	2000.	J	1830.	J	627.	J	2080.	J	1170.	
MN	Manganese	521.		103.		553.		26.1	U	174.		221.	
HG	Mercury	0.2	U	0.2	U	0.79		0.2	U	0.2	U	0.2	U
NI	Nickel	17.	U	17.	U	17.	U	17.	U	17.	U	17.	U
K	Potassium	884.	J	3850.	J	1510.	J	2000.	J	21100.		5230.	
SE	Selenium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
AG	Silver	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
NA	Sodium	5640.		18600.		3840.	J	3040.	J	14500.		6480.	
TL	Thallium	6.	U	6.	J	6.	U	6.	U	6.	U	6.	U
V	Vanadium	4.	U	13.2	J	4.	U	9.1	J	8.4	J	4.3	
ZN	Zinc	37.8	U	12.9	U	255.		73.9	U	19.1	U	34.1	

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	036-G-0017-00		036-G-0018-00		036-G-0019-00		036-G-0020-00		036-G-0021-00		036-H-0021-00	
	ORIGINAL ID ----->	36GR17		36GR18		36GR19		36GR20		36GR21		36GR21D	
	LAB SAMPLE ID --->	X92045		X92096		X92100		X92070		X92053		X92061	
	ID FROM REPORT -->	J50302		J50306		J50307		J50305		J50303		J50304	
	SAMPLE DATE ----->	05/02/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
CN	Cyanide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
AL	Aluminum	1060.		263.		413.		241.		119.		143.	
SB	Antimony	26.	U	26.	U	26.	U	26.	U	26.	U	26.	U
AS	Arsenic	6.1		6.7		4.1		5.1		3.	U	4.	
BA	Barium	29.1	J	33.1		44.5		18.4		26.3		26.4	
BE	Beryllium	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
CD	Cadmium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CA	Calcium	45000.		54800.		65100.		66300.		27600.		27500.	
CR	Chromium	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
CO	Cobalt	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CU	Copper	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
FE	Iron	2280.		431.		716.		1140.		1660.		1670.	
PB	Lead	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
MG	Magnesium	7960.		2790.		5890.		4530.		2230.		2210.	
MN	Manganese	353.		225.		289.		89.5		378.		375.	
HG	Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NI	Nickel	17.	U	17.	U	17.	U	17.	U	17.	U	17.	U
K	Potassium	3000.		3910.		9230.		1020.		822.		1050.	
SE	Selenium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
AG	Silver	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
NA	Sodium	12400.		5570.		17700.		4850.		4280.		4370.	
TL	Thallium	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
V	Vanadium	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
ZN	Zinc	27.9	J	11.1	U	30.4		11.6	U	12.7	U	16.1	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

METAL															
		SAMPLE ID ------->	036-G-0022-00		036-G-I014-00		036-G-I052-00		036-G-MW06-00		036-G-MW08-00		036-G-MW09-00		
		ORIGINAL ID ----->	36GR22		36GIMW14		36GIMW52		36GMW06		36GMW08		36GMW09		
		LAB SAMPLE ID --->	102083		X90506		X95915		X90476		X90484		X90492		
		ID FROM REPORT -->	J51201		J42904		J50601		J42901		J42902		J42903		
		SAMPLE DATE ----->	05/11/94												
		MATRIX ---------->	Water		Water		Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		CT807	VAL	CT803	VAL	CT805	VAL	CT803	VAL	CT803	VAL	CT803	VAL	
CN	Cyanide		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
AL	Aluminum		220.	UJ	48.7		49.7	J	29.	U	43.3		31.6		
SB	Antimony		26.	U	26.	U	26.	U	26.	U	26.	U	26.	U	
AS	Arsenic		6.	U	3.	U	3.	U	4.6		3.1		3.	U	
BA	Barium		17.8	U	4.6	U	26.3	U	116.		188.		193.		
BE	Beryllium		1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	
CD	Cadmium		5.	U	5.	U	5.	U	5.	U	5.	U	5.	U	
CA	Calcium		36800.		42000.		48000.		41300.		77100.		64000.		
CR	Chromium		4.	U	4.	U	4.	U	4.9		4.	U	4.	U	
CO	Cobalt		5.	U	5.	U	5.	U	5.	U	5.	U	5.	U	
CU	Copper		3.	U	3.	U	3.	U	3.	U	3.	U	3.	U	
FE	Iron		1500.		42.6	U	20.8	UJ	77.		9810.		7790.		
PB	Lead		2.	UJ	2.	U	2.	UJ	2.	U	5.2		2.	U	
MG	Magnesium		3870.	J	8720.		7420.		1590.		4450.		3440.		
MN	Manganese		107.		5.6		21.1		17.7		718.		404.		
HG	Mercury		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	
NI	Nickel		17.	U	17.	U	17.	U	17.	U	17.	U	17.	U	
K	Potassium		2700.	J	4480.		4170.	J	1070.		6050.		4640.		
SE	Selenium		5.	U	5.	U	5.	U	5.	U	5.	U	5.	U	
AG	Silver		3.	U	3.	U	3.	U	3.	U	3.	U	3.	U	
NA	Sodium		12800.		22200.		24100.		3070.		5600.		4810.		
TL	Thallium		6.	U	6.	U	6.	U	6.	U	6.	U	6.	U	
V	Vanadium		4.	U	4.	U	4.8	J	4.	U	4.	U	4.	U	
ZN	Zinc		14.6	U	6.1	U	13.4	U	170.		15.2	U	11.9	U	

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	036-G-MW22-00		036-G-MW31-00		036-G-MW35-00		036-H-MW35-00		036-G-TW01-00		036-G-TW09-00	
	ORIGINAL ID ----->	36GMW22		36GMW31		36GMW35		36GMW35D		36GTW01		36GTW09	
	LAB SAMPLE ID --->	X91065		X91073		X91030		X91049		X90514		X90557	
	ID FROM REPORT -->	J43017		J43018		J43014		J43015		J42905		J42906	
	SAMPLE DATE ----->												
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
CN	Cyanide	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
AL	Aluminum	86.3		98.7		40.1		29.	U	148.	U	30.9	U
SB	Antimony	26.	U	26.	U	26.	U	26.	U	26.	U	26.	U
AS	Arsenic	4.5		4.3		3.7		5.1		3.8		3.	U
BA	Barium	41.7		31.7		146.		138.		52.1		32.6	
BE	Beryllium	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
CD	Cadmium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CA	Calcium	55600.		39700.		58600.		58800.		31800.		46700.	
CR	Chromium	4.	U	4.	U	4.	U	4.	U	7.2		4.	U
CO	Cobalt	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
CU	Copper	3.	U	3.	U	3.	U	3.		3.	U	3.	U
FE	Iron	2530.		2150.		3350.		3700.		1110.		847.	
PB	Lead	2.	U	7.7		4.8		4.2		2.2		2.	U
MG	Magnesium	2460.		2300.		2580.		2570.		2260.		10500.	
MN	Manganese	256.		112.		193.		189.		53.9		71.6	
HG	Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NI	Nickel	17.	U	17.	U	17.	U	17.	U	17.	U	17.	U
K	Potassium	1300.		420.	U	3010.		2810.		1520.		1540.	
SE	Selenium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
AG	Silver	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
NA	Sodium	3030.		4850.		5060.		5130.		8830.		8420.	
TL	Thallium	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
V	Vanadium	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
ZN	Zinc	15.5	U	18.8	U	7.3	U	7.6	U	16.6	U	13.4	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

METAL		
	SAMPLE ID ------->	036-G-TW13-00
	ORIGINAL ID ----->	36GTW13
	LAB SAMPLE ID --->	X90565
	ID FROM REPORT -->	J42907
	SAMPLE DATE ----->	
	MATRIX ---------->	Water
	UNITS ---------->	UG/L

CAS #	Parameter	CT803	VAL
CN	Cyanide	10.	U
AL	Aluminum	86.9	J
SB	Antimony	26.	U
AS	Arsenic	3.7	J
BA	Barium	11.5	J
BE	Beryllium	1.	U
CD	Cadmium	5.	U
CA	Calcium	43600.	
CR	Chromium	19.3	
CO	Cobalt	5.	U
CU	Copper	3.	U
FE	Iron	269.	
PB	Lead	2.	U
MG	Magnesium	6520.	
MN	Manganese	16.	
HG	Mercury	0.2	U
NI	Nickel	17.	U
K	Potassium	1040.	J
SE	Selenium	5.	U
AG	Silver	3.	U
NA	Sodium	8250.	
TL	Thallium	6.	U
V	Vanadium	4.6	J
ZN	Zinc	6.3	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

PEST													
	SAMPLE ID ------->	036-G-0001-00		036-H-0001-00		036-G-0002-00		036-G-0003-00		036-G-0004-00		036-G-0005-00	
	ORIGINAL ID ----->	36GR01		36GR01D		36GR02		36GR03		36GR04		36GR05	
	LAB SAMPLE ID --->	9592.3		9593.1		9594.0		9595.8		9596.6		9597.4	
	ID FROM REPORT -->	J50602		J50603		J50604		J50605		J50606		J50607	
	SAMPLE DATE ----->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/05/94	
	DATE EXTRACTED -->	05/06/94		05/06/94		05/06/94		05/06/94		05/06/94		05/06/94	
	DATE ANALYZED --->	05/12/94		05/12/94		05/12/94		05/12/94		05/12/94		05/12/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
1024-57-3	Heptachlor epoxide	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
1031-07-8	Endosulfan sulfate	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
11096-82-5	Aroclor-1260	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	U
11097-69-1	Aroclor-1254	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	U
11104-28-2	Aroclor-1221	2.2	U	2.2	U	2.3	U	2.1	U	2.1	U	2.1	U
11141-16-5	Aroclor-1232	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	U
12672-29-6	Aroclor-1248	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	U
12674-11-2	Aroclor-1016	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	U
309-00-2	Aldrin	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
319-84-6	alpha-BHC	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
319-85-7	beta-BHC	0.055	U	0.055	U	0.057	U	0.02	J	0.053	U	0.052	U
319-86-8	delta-BHC	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
33213-65-9	Endosulfan II	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
50-29-3	4,4'-DDT	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
5103-71-9	alpha-Chlordane	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
5103-74-2	gamma-Chlordane	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
53469-21-9	Aroclor-1242	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	U
53494-70-5	Endrin ketone	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
60-57-1	Dieldrin	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
72-20-8	Endrin	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
72-43-5	Methoxychlor	0.55	U	0.55	U	0.57	U	0.53	U	0.53	U	0.52	U
72-54-8	4,4'-DDD	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
72-55-9	4,4'-DDE	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
7421-93-4	Endrin aldehyde	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
76-44-8	Heptachlor	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U
8001-35-2	Toxaphene	5.5	U	5.5	U	5.7	U	5.3	U	5.3	U	5.2	U
959-98-8	Endosulfan I	0.055	U	0.055	U	0.057	U	0.053	U	0.053	U	0.052	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

PEST																	
	SAMPLE ID ------->	036-G-0006-00		036-G-0007-00		036-G-0008-00		036-G-0009-00		036-G-0010-00		036-C-0011-00	
	ORIGINAL ID ----->	36GR06		36GR07		36GR08		36GR09		36GR10		36GR11D	
	LAB SAMPLE ID --->	9482.0		9483.8		9484.6		9485.4		9272.0		9271.1	
	ID FROM REPORT -->	J50502		J50503		J50504		J50505		J50405		J50404	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94					
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/04/94		05/04/94	
	DATE ANALYZED --->	05/08/94		05/08/94		05/08/94		05/08/94		05/11/94		05/11/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
1024-57-3	Heptachlor epoxide	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
1031-07-8	Endosulfan sulfate	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
11096-82-5	Aroclor-1260	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
11097-69-1	Aroclor-1254	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
11104-28-2	Aroclor-1221	2.1	U	2.1	U	2.2	U	2.3	U	2.1	U	2.2	U
11141-16-5	Aroclor-1232	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
12672-29-6	Aroclor-1248	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
12674-11-2	Aroclor-1016	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
309-00-2	Aldrin	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
319-84-6	alpha-BHC	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
319-85-7	beta-BHC	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
319-86-8	delta-BHC	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
33213-65-9	Endosulfan II	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
50-29-3	4,4'-DDT	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
5103-71-9	alpha-Chlordane	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
5103-74-2	gamma-Chlordane	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
53469-21-9	Aroclor-1242	1.1	U	1.	U	1.1	U	1.1	U	1.1	U	1.1	U
53494-70-5	Endrin ketone	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
58-89-9	gamma-BHC (Lindane)	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U
60-57-1	Dieldrin	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
72-20-8	Endrin	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
72-43-5	Methoxychlor	0.53	U	0.52	U	0.54	U	0.57	U	0.53	U	0.56	U
72-54-8	4,4'-DDD	0.11	UJ	0.1	UJ	0.11	UJ	0.11	UJ	0.11	U	0.11	U
72-55-9	4,4'-DDE	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
7421-93-4	Endrin aldehyde	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U
76-44-8	Heptachlor	0.053	UJ	0.052	UJ	0.054	UJ	0.057	UJ	0.053	U	0.056	U
8001-35-2	Toxaphene	5.3	U	5.2	U	5.4	U	5.7	U	5.3	U	5.6	U
959-98-8	Endosulfan I	0.053	U	0.052	U	0.054	U	0.057	U	0.053	U	0.056	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

PEST																	
	SAMPLE ID ------->	036-G-0011-00		036-G-0012-00		036-G-0013-00		036-G-0014-00		036-G-0015-00		036-G-0016-00	
	ORIGINAL ID ----->	36GR11		36GR12		36GR13		36GR14		36GR15		36GR16	
	LAB SAMPLE ID --->	9270.3		9268.1		10046.3		10047.1		9269.0		9203.7	
	ID FROM REPORT -->	J50403		J50401		J51106		J51107		J50402		J50301	
	SAMPLE DATE ----->					05/10/94		05/10/94				05/02/94	
	DATE EXTRACTED -->	05/04/94		05/04/94		05/11/94		05/11/94		05/04/94		05/03/94	
	DATE ANALYZED --->	05/11/94		05/11/94		05/16/94		05/16/94		05/11/94		05/07/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT807	VAL	CT807	VAL	CT805	VAL	CT803	VAL
1024-57-3	Heptachlor epoxide	0.059	U	0.01	J	0.05	U	0.053	U	0.052	U	0.055	U
1031-07-8	Endosulfan sulfate	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
11096-82-5	Aroclor-1260	1.2	U	1.1	U	1.1	U	1.1	U	1.	U	1.1	U
11097-69-1	Aroclor-1254	1.2	U	1.1	U	1.1	U	1.1	U	1.	U	1.1	U
11104-28-2	Aroclor-1221	2.4	U	2.2	U	2.2	U	2.1	U	2.1	U	2.2	U
11141-16-5	Aroclor-1232	1.2	U	1.1	U	1.1	U	1.1	U	1.	U	1.1	U
12672-29-6	Aroclor-1248	1.2	U	1.1	U	1.1	U	1.1	U	1.	U	1.1	U
12674-11-2	Aroclor-1016	1.2	U	1.1	U	1.1	U	1.1	U	1.	U	1.1	U
309-00-2	Aldrin	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U
319-84-6	alpha-BHC	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U
319-85-7	beta-BHC	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U
319-86-8	delta-BHC	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U
33213-65-9	Endosulfan II	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
50-29-3	4,4'-DDT	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
5103-71-9	alpha-Chlordane	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U
5103-74-2	gamma-Chlordane	0.059	U	0.02	J	0.06	U	0.05	U	0.052	U	0.01	J
53469-21-9	Aroclor-1242	1.2	U	1.1	U	1.1	U	1.1	U	1.	U	1.1	U
53494-70-5	Endrin ketone	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
58-89-9	gamma-BHC (Lindane)	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U
60-57-1	Dieldrin	0.12	U	0.11	U	0.11	U	NR		0.1	U	0.11	U
72-20-8	Endrin	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
72-43-5	Methoxychlor	0.59	U	0.54	U	0.56	U	0.53	U	0.52	U	0.55	U
72-54-8	4,4'-DDD	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
72-55-9	4,4'-DDE	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
7421-93-4	Endrin aldehyde	0.12	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
76-44-8	Heptachlor	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U
8001-35-2	Toxaphene	5.9	U	5.4	U	5.6	U	5.3	U	5.2	U	5.5	U
959-98-8	Endosulfan I	0.059	U	0.054	U	0.06	U	0.05	U	0.052	U	0.055	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

PEST													
	SAMPLE ID ------->	036-G-0017-00		036-G-0018-00		036-G-0019-00		036-G-0020-00		036-G-0021-00		036-H-0021-00	
	ORIGINAL ID ----->	36GR17		36GR18		36GR19		36GR20		36GR21		36GR21D	
	LAB SAMPLE ID --->	9204.5		9209.6		9210.0		9207.0		9205.3		9206.1	
	ID FROM REPORT -->	J50302		J50306		J50307		J50305		J50303		J50304	
	SAMPLE DATE ----->	05/02/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE EXTRACTED -->	05/03/94		05/03/94		05/03/94		05/03/94		05/03/94		05/03/94	
	DATE ANALYZED --->	05/07/94		05/07/94		05/07/94		05/07/94		05/07/94		05/07/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
1024-57-3	Heptachlor epoxide	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
1031-07-8	Endosulfan sulfate	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
11096-82-5	Aroclor-1260	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
11097-69-1	Aroclor-1254	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
11104-28-2	Aroclor-1221	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
11141-16-5	Aroclor-1232	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
12672-29-6	Aroclor-1248	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
12674-11-2	Aroclor-1016	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
309-00-2	Aldrin	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
319-84-6	alpha-BHC	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
319-85-7	beta-BHC	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
319-86-8	delta-BHC	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
33213-65-9	Endosulfan II	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
50-29-3	4,4'-DDT	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
5103-71-9	alpha-Chlordane	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
5103-74-2	gamma-Chlordane	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
53469-21-9	Aroclor-1242	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
53494-70-5	Endrin ketone	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
58-89-9	gamma-BHC (Lindane)	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
60-57-1	Dieldrin	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
72-20-8	Endrin	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
72-43-5	Methoxychlor	0.56	U	0.56	U	0.54	U	0.54	U	0.56	U	0.54	U
72-54-8	4,4'-DDD	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
72-55-9	4,4'-DDE	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
7421-93-4	Endrin aldehyde	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
76-44-8	Heptachlor	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U
8001-35-2	Toxaphene	5.6	U	5.6	U	5.4	U	5.4	U	5.6	U	5.4	U
959-98-8	Endosulfan I	0.056	U	0.056	U	0.054	U	0.054	U	0.056	U	0.054	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

PEST																	
	SAMPLE ID ------->	036-G-0022-00		036-G-I014-00		036-G-I052-00		036-G-MW06-00		036-G-MW08-00		036-G-MW09-00	
	ORIGINAL ID ----->	36GR22		36GIMW14		36GIMW52		36GMW06		36GMW08		36GMW09	
	LAB SAMPLE ID --->	10208.3		9050.6		9591.5		9047.6		9048.4		4049.2	
	ID FROM REPORT -->	J51201		J42904		J50601		J42901		J42902		J42903	
	SAMPLE DATE ----->	05/11/94											
	DATE EXTRACTED -->	05/12/94		04/30/94		05/06/94		04/30/94		04/30/94		04/30/94	
	DATE ANALYZED --->	05/15/94		05/06/94		05/12/94		05/06/94		05/06/94		05/06/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT807	VAL	CT803	VAL	CT805	VAL	CT803	VAL	CT803	VAL	CT803	VAL
1024-57-3	Heptachlor epoxide	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
1031-07-8	Endosulfan sulfate	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
11096-82-5	Aroclor-1260	1.1	U	1.	U	1.1	U	1.2	U	1.	U	1.2	U
11097-69-1	Aroclor-1254	1.1	U	1.	U	1.1	U	1.2	U	1.	U	1.2	U
11104-28-2	Aroclor-1221	2.2	U	2.	U	2.2	U	2.3	U	2.1	U	2.5	U
11141-16-5	Aroclor-1232	1.1	U	1.	U	1.1	U	1.2	U	1.	U	1.2	U
12672-29-6	Aroclor-1248	1.1	U	1.	U	1.1	U	1.2	U	1.	U	1.2	U
12674-11-2	Aroclor-1016	1.1	U	1.	U	1.1	U	1.2	U	1.	U	1.2	U
309-00-2	Aldrin	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
319-84-6	alpha-BHC	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
319-85-7	beta-BHC	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
319-86-8	delta-BHC	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
33213-65-9	Endosulfan II	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
50-29-3	4,4'-DDT	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
5103-71-9	alpha-Chlordane	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
5103-74-2	gamma-Chlordane	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
53469-21-9	Aroclor-1242	1.1	U	1.	U	1.1	U	1.2	U	1.	U	1.2	U
53494-70-5	Endrin ketone	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
60-57-1	Dieldrin	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
72-20-8	Endrin	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
72-43-5	Methoxychlor	0.54	U	0.51	U	0.56	U	0.58	U	0.52	U	0.62	U
72-54-8	4,4'-DDD	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
72-55-9	4,4'-DDE	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
7421-93-4	Endrin aldehyde	0.11	U	0.1	U	0.11	U	0.12	U	0.1	U	0.12	U
76-44-8	Heptachlor	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U
8001-35-2	Toxaphene	5.4	U	5.1	U	5.6	U	5.8	U	5.2	U	6.2	U
959-98-8	Endosulfan I	0.05	U	0.051	U	0.056	U	0.058	U	0.052	U	0.062	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

PEST													
	SAMPLE ID ------->	036-G-MW22-00		036-G-MW31-00		036-G-MW35-00		036-H-MW35-00		036-G-TW01-00		036-G-TW09-00	
	ORIGINAL ID ----->	36GMW22		36GMW31		36GMW35		36GMW35D		36GTW01		36GTW09	
	LAB SAMPLE ID --->	9106.5		9107.3		9103.0		9104.9		9051.4		9055.7	
	ID FROM REPORT -->	J43017		J43018		J43014		J43015		J42905		J42906	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->	04/30/94		04/30/94		04/30/94		04/30/94		04/30/94		04/30/94	
	DATE ANALYZED --->	05/07/94		05/07/94		05/07/94		05/07/94		05/06/94		05/06/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
1024-57-3	Heptachlor epoxide	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
1031-07-8	Endosulfan sulfate	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
11096-82-5	Aroclor-1260	1.1	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	U
11097-69-1	Aroclor-1254	1.1	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	U
11104-28-2	Aroclor-1221	2.2	U	2.2	U	2.4	U	2.3	U	2.1	U	2.4	U
11141-16-5	Aroclor-1232	1.1	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	U
12672-29-6	Aroclor-1248	1.1	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	U
12674-11-2	Aroclor-1016	1.1	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	U
309-00-2	Aldrin	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
319-84-6	alpha-BHC	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
319-85-7	beta-BHC	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
319-86-8	delta-BHC	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
33213-65-9	Endosulfan II	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
50-29-3	4,4'-DDT	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
5103-71-9	alpha-Chlordane	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
5103-74-2	gamma-Chlordane	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
53469-21-9	Aroclor-1242	1.1	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	U
53494-70-5	Endrin ketone	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
58-89-9	gamma-BHC (Lindane)	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
60-57-1	Dieldrin	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
72-20-8	Endrin	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
72-43-5	Methoxychlor	0.56	U	0.54	U	0.6	U	0.58	U	0.53	U	0.61	U
72-54-8	4,4'-DDD	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
72-55-9	4,4'-DDE	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
7421-93-4	Endrin aldehyde	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
76-44-8	Heptachlor	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U
8001-35-2	Toxaphene	5.6	U	5.4	U	6.	U	5.8	U	5.3	U	6.1	U
959-98-8	Endosulfan I	0.056	U	0.054	U	0.06	U	0.058	U	0.053	U	0.061	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

PEST

SAMPLE ID ------->	036-G-TW13-00
ORIGINAL ID ----->	36GTW13
LAB SAMPLE ID --->	9056.5
ID FROM REPORT -->	J42907
SAMPLE DATE ----->	
DATE EXTRACTED -->	04/30/94
DATE ANALYZED --->	05/06/94
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	CT803	VAL
1024-57-3	Heptachlor epoxide	0.062	U
1031-07-8	Endosulfan sulfate	0.12	U
11096-82-5	Aroclor-1260	1.2	U
11097-69-1	Aroclor-1254	1.2	U
11104-28-2	Aroclor-1221	2.5	U
11141-16-5	Aroclor-1232	1.2	U
12672-29-6	Aroclor-1248	1.2	U
12674-11-2	Aroclor-1016	1.2	U
309-00-2	Aldrin	0.062	U
319-84-6	alpha-BHC	0.062	U
319-85-7	beta-BHC	0.062	U
319-86-8	delta-BHC	0.062	U
33213-65-9	Endosulfan II	0.12	U
50-29-3	4,4'-DDT	0.12	U
5103-71-9	alpha-Chlordane	0.062	U
5103-74-2	gamma-Chlordane	0.062	U
53469-21-9	Aroclor-1242	1.2	U
53494-70-5	Endrin ketone	0.12	U
58-89-9	gamma-BHC (Lindane)	0.062	U
60-57-1	Dieldrin	0.12	U
72-20-8	Endrin	0.12	U
72-43-5	Methoxychlor	0.62	U
72-54-8	4,4'-DDD	0.12	U
72-55-9	4,4'-DDE	0.12	U
7421-93-4	Endrin aldehyde	0.12	U
76-44-8	Heptachlor	0.062	U
8001-35-2	Toxaphene	6.2	U
959-98-8	Endosulfan I	0.062	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0001-00		036-H-0001-00		036-G-0002-00		036-G-0003-00		036-G-0004-00		036-G-0005-00	
	ORIGINAL ID ----->	36GR01		36GR01D		36GR02		36GR03		36GR04		36GR05	
	LAB SAMPLE ID --->	9592.3		9593.1		9594.0		9595.8		9596.6		9597.4	
	ID FROM REPORT -->	J50602		J50603		J50604		J50605		J50606		J50607	
	SAMPLE DATE ----->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/05/94	
	DATE EXTRACTED -->	05/06/94		05/06/94		05/06/94		05/06/94		05/06/94		05/06/94	
	DATE ANALYZED --->	05/11/94		05/11/94		05/11/94		05/11/94		05/11/94		05/11/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
108-95-2	Phenol	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
95-57-8	2-Chlorophenol	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
541-73-1	1,3-Dichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
106-46-7	1,4-Dichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
95-50-1	1,2-Dichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ	10.	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
67-72-1	Hexachloroethane	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
98-95-3	Nitrobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
78-59-1	Isophorone	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
88-75-5	2-Nitrophenol	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
105-67-9	2,4-Dimethylphenol	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
120-83-2	2,4-Dichlorophenol	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
91-20-3	Naphthalene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
106-47-8	4-Chloroaniline	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ	10.	UJ
87-68-3	Hexachlorobutadiene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
91-57-6	2-Methylnaphthalene	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ	10.	UJ
77-47-4	Hexachlorocyclopentadiene	11.	UR	11.	UR	11.	UR	11.	UR	11.	UR	10.	UR
88-06-2	2,4,6-Trichlorophenol	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	28.	U	29.	U	28.	U	29.	U	28.	U	26.	U
91-58-7	2-Chloronaphthalene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
88-74-4	2-Nitroaniline	28.	U	29.	U	28.	U	29.	U	28.	U	26.	U
131-11-3	Dimethyl phthalate	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
208-96-8	Acenaphthylene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
606-20-2	2,6-Dinitrotoluene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
99-09-2	3-Nitroaniline	28.	U	29.	U	28.	U	29.	U	28.	U	26.	U
83-32-9	Acenaphthene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
51-28-5	2,4-Dinitrophenol	28.	UJ	29.	UJ	28.	UJ	29.	UJ	28.	UJ	26.	UJ
100-02-7	4-Nitrophenol	28.	U	29.	U	28.	U	29.	U	28.	U	26.	U
132-64-9	Dibenzofuran	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0001-00		036-H-0001-00		036-G-0002-00		036-G-0003-00		036-G-0004-00		036-G-0005-00	
	ORIGINAL ID ----->	36GR01		36GR01D		36GR02		36GR03		36GR04		36GR05	
	LAB SAMPLE ID --->	9592.3		9593.1		9594.0		9595.8		9596.6		9597.4	
	ID FROM REPORT -->	J50602		J50603		J50604		J50605		J50606		J50607	
	SAMPLE DATE ----->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/05/94	
	DATE EXTRACTED -->	05/06/94		05/06/94		05/06/94		05/06/94		05/06/94		05/06/94	
	DATE ANALYZED --->	05/11/94		05/11/94		05/11/94		05/11/94		05/11/94		05/11/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
121-14-2	2,4-Dinitrotoluene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
84-66-2	Diethylphthalate	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
86-73-7	Fluorene	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ	10.	UJ
100-01-6	4-Nitroaniline	28.	UJ	29.	UJ	28.	UJ	29.	UJ	28.	UJ	26.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	28.	U	29.	U	28.	U	29.	U	28.	U	26.	U
86-30-6	N-Nitrosodiphenylamine	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
118-74-1	Hexachlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
87-86-5	Pentachlorophenol	28.	U	29.	U	28.	U	29.	U	28.	U	26.	U
85-01-8	Phenanthrene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
120-12-7	Anthracene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
86-74-8	Carbazole	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
84-74-2	Di-n-butylphthalate	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
206-44-0	Fluoranthene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
129-00-0	Pyrene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
85-68-7	Butylbenzylphthalate	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ	10.	UJ
56-55-3	Benzo(a)anthracene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
218-01-9	Chrysene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
117-84-0	Di-n-octyl phthalate	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
205-99-2	Benzo(b)fluoranthene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
207-08-9	Benzo(k)fluoranthene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
50-32-8	Benzo(a)pyrene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	11.	U	11.	U	11.	U	11.	U	11.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0006-00		036-G-0007-00		036-G-0008-00		036-G-0009-00		036-G-0010-00		036-C-0011-00	
	ORIGINAL ID ----->	36GR06		36GR07		36GR08		36GR09		36GR10		36GR11D	
	LAB SAMPLE ID --->	9482.0		9483.8		9484.6		9485.4		9272.0		9271.1	
	ID FROM REPORT -->	J50502		J50503		J50504		J50505		J50405		J50404	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94					
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/04/94		05/04/94	
	DATE ANALYZED --->	05/10/94		05/10/94		05/10/94		05/10/94		05/11/94		05/11/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
108-95-2	Phenol	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
95-57-8	2-Chlorophenol	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
541-73-1	1,3-Dichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
106-46-7	1,4-Dichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
95-50-1	1,2-Dichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
67-72-1	Hexachloroethane	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
98-95-3	Nitrobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
78-59-1	Isophorone	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
88-75-5	2-Nitrophenol	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
105-67-9	2,4-Dimethylphenol	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
120-83-2	2,4-Dichlorophenol	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
91-20-3	Naphthalene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
106-47-8	4-Chloroaniline	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
87-68-3	Hexachlorobutadiene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
91-57-6	2-Methylnaphthalene	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	11.	UR	11.	UR	11.	UR	11.	UR	11.	UR	11.	UR
88-06-2	2,4,6-Trichlorophenol	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	27.	U	27.	U	27.	U	28.	U	28.	U	29.	U
91-58-7	2-Chloronaphthalene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
88-74-4	2-Nitroaniline	27.	U	27.	U	27.	U	28.	U	28.	U	29.	U
131-11-3	Dimethyl phthalate	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
208-96-8	Acenaphthylene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
606-20-2	2,6-Dinitrotoluene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
99-09-2	3-Nitroaniline	27.	U	27.	U	27.	U	28.	U	28.	U	29.	U
83-32-9	Acenaphthene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
51-28-5	2,4-Dinitrophenol	27.	U	27.	U	27.	U	28.	U	28.	UJ	29.	UJ
100-02-7	4-Nitrophenol	27.	U	27.	U	27.	U	28.	U	28.	U	29.	U
132-64-9	Dibenzofuran	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0006-00		036-G-0007-00		036-G-0008-00		036-G-0009-00		036-G-0010-00		036-C-0011-00	
	ORIGINAL ID ----->	36GR06		36GR07		36GR08		36GR09		36GR10		36GR11D	
	LAB SAMPLE ID --->	9482.0		9483.8		9484.6		9485.4		9272.0		9271.1	
	ID FROM REPORT -->	J50502		J50503		J50504		J50505		J50405		J50404	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94					
	DATE EXTRACTED -->	05/05/94		05/05/94		05/05/94		05/05/94		05/04/94		05/04/94	
	DATE ANALYZED --->	05/10/94		05/10/94		05/10/94		05/10/94		05/11/94		05/11/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
121-14-2	2,4-Dinitrotoluene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
84-66-2	Diethylphthalate	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
86-73-7	Fluorene	11.	U	11.	U	11.	U	11.	U	11.	UJ	11.	UJ
100-01-6	4-Nitroaniline	27.	UJ	27.	UJ	27.	UJ	28.	UJ	28.	UJ	29.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	27.	U	27.	U	27.	U	28.	U	28.	U	29.	U
86-30-6	N-Nitrosodiphenylamine	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
118-74-1	Hexachlorobenzene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
87-86-5	Pentachlorophenol	27.	U	27.	U	27.	U	28.	U	28.	U	29.	U
85-01-8	Phenanthrene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
120-12-7	Anthracene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
86-74-8	Carbazole	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
84-74-2	Di-n-butylphthalate	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
206-44-0	Fluoranthene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
129-00-0	Pyrene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
85-68-7	Butylbenzylphthalate	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
56-55-3	Benzo(a)anthracene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
218-01-9	Chrysene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
117-84-0	Di-n-octyl phthalate	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
205-99-2	Benzo(b)fluoranthene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
207-08-9	Benzo(k)fluoranthene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
50-32-8	Benzo(a)pyrene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA																	
	SAMPLE ID ------->	036-G-0011-00		036-G-0012-00		036-G-0013-00		036-G-0014-00		036-G-0015-00		036-G-0016-00	
	ORIGINAL ID ----->	36GR11		36GR12		36GR13		36GR14		36GR15		36GR16	
	LAB SAMPLE ID --->	9270.3		9268.1		10046.3		10047.1		9269.0		9203.7	
	ID FROM REPORT -->	J50403		J50401		J51106		J51107		J50402		J50301	
	SAMPLE DATE ----->					05/10/94		05/10/94				05/02/94	
	DATE EXTRACTED -->	05/04/94		05/04/94		05/11/94		05/11/94		05/13/94		05/03/94	
	DATE ANALYZED --->	05/11/94		05/11/94		05/17/94		05/17/94		05/17/94		05/10/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT807	VAL	CT807	VAL	CT805	VAL	CT803	VAL
108-95-2	Phenol	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
95-57-8	2-Chlorophenol	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
541-73-1	1,3-Dichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
106-46-7	1,4-Dichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
95-50-1	1,2-Dichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
67-72-1	Hexachloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
98-95-3	Nitrobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
78-59-1	Isophorone	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
88-75-5	2-Nitrophenol	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
105-67-9	2,4-Dimethylphenol	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
120-83-2	2,4-Dichlorophenol	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
91-20-3	Naphthalene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
106-47-8	4-Chloroaniline	11.	UJ	11.	UJ	10.	U	10.	U	11.	UJ	11.	U
87-68-3	Hexachlorobutadiene	11.	U	11.	U	10.	UJ	10.	UJ	11.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
91-57-6	2-Methylnaphthalene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	11.	UR	11.	UR	10.	U	10.	U	11.	UR	11.	U
88-06-2	2,4,6-Trichlorophenol	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	27.	U	28.	U	26.	U	26.	U	28.	U	28.	U
91-58-7	2-Chloronaphthalene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
88-74-4	2-Nitroaniline	27.	U	28.	U	26.	UJ	26.	UJ	28.	U	28.	U
131-11-3	Dimethyl phthalate	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
208-96-8	Acenaphthylene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
606-20-2	2,6-Dinitrotoluene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
99-09-2	3-Nitroaniline	27.	U	28.	U	26.	U	26.	U	28.	U	28.	U
83-32-9	Acenaphthene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
51-28-5	2,4-Dinitrophenol	27.	U	28.	U	26.	UJ	26.	UJ	28.	UJ	28.	U
100-02-7	4-Nitrophenol	27.	UJ	28.	UJ	26.	U	26.	U	28.	U	28.	U
132-64-9	Dibenzofuran	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0011-00		036-G-0012-00		036-G-0013-00		036-G-0014-00		036-G-0015-00		036-G-0016-00	
	ORIGINAL ID ----->	36GR11		36GR12		36GR13		36GR14		36GR15		36GR16	
	LAB SAMPLE ID --->	9270.3		9268.1		10046.3		10047.1		9269.0		9203.7	
	ID FROM REPORT -->	J50403		J50401		J51106		J51107		J50402		J50301	
	SAMPLE DATE ----->					05/10/94		05/10/94				05/02/94	
	DATE EXTRACTED -->	05/04/94		05/04/94		05/11/94		05/11/94		05/13/94		05/03/94	
	DATE ANALYZED --->	05/11/94		05/11/94		05/17/94		05/17/94		05/17/94		05/10/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT807	VAL	CT807	VAL	CT805	VAL	CT803	VAL
121-14-2	2,4-Dinitrotoluene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
84-66-2	Diethylphthalate	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
86-73-7	Fluorene	11.	UJ	11.	UJ	10.	U	10.	U	11.	UJ	11.	U
100-01-6	4-Nitroaniline	27.	UJ	28.	UJ	26.	U	26.	U	28.	UJ	28.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	27.	U	28.	U	26.	UJ	26.	UJ	28.	U	28.	U
86-30-6	N-Nitrosodiphenylamine	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
118-74-1	Hexachlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
87-86-5	Pentachlorophenol	27.	U	28.	U	26.	U	26.	U	28.	UJ	28.	U
85-01-8	Phenanthrene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
120-12-7	Anthracene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
86-74-8	Carbazole	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
84-74-2	Di-n-butylphthalate	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
206-44-0	Fluoranthene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
129-00-0	Pyrene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
85-68-7	Butylbenzylphthalate	11.	U	11.	U	10.	U	10.	U	11.	UJ	11.	U
91-94-1	3,3'-Dichlorobenzidine	11.	UJ	11.	UJ	10.	U	10.	U	11.	UJ	11.	U
56-55-3	Benzo(a)anthracene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
218-01-9	Chrysene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
117-84-0	Di-n-octyl phthalate	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
205-99-2	Benzo(b)fluoranthene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
207-08-9	Benzo(k)fluoranthene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
50-32-8	Benzo(a)pyrene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	11.	U	11.	U	10.	U	10.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0017-00		036-G-0018-00		036-G-0019-00		036-G-0020-00		036-G-0021-00		036-H-0021-00	
	ORIGINAL ID ----->	36GR17		36GR18		36GR19		36GR20		36GR21		36GR21D	
	LAB SAMPLE ID --->	9204.5		9209.6		9210.0		9207.0		9205.3		9206.1	
	ID FROM REPORT -->	J50302		J50306		J50307		J50305		J50303		J50304	
	SAMPLE DATE ----->	05/02/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE EXTRACTED -->	05/03/94		05/03/94		05/03/94		05/03/94		05/03/94		05/03/94	
	DATE ANALYZED --->	05/10/94		05/10/94		05/10/94		05/10/94		05/10/94		05/10/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
108-95-2	Phenol	11.	U	10.	J	11.	U	10.	U	11.	U	11.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
95-57-8	2-Chlorophenol	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
541-73-1	1,3-Dichlorobenzene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
106-46-7	1,4-Dichlorobenzene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
95-50-1	1,2-Dichlorobenzene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
67-72-1	Hexachloroethane	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
98-95-3	Nitrobenzene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
78-59-1	Isophorone	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
88-75-5	2-Nitrophenol	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
105-67-9	2,4-Dimethylphenol	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
120-83-2	2,4-Dichlorophenol	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
91-20-3	Naphthalene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
106-47-8	4-Chloroaniline	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
87-68-3	Hexachlorobutadiene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
91-57-6	2-Methylnaphthalene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
88-06-2	2,4,6-Trichlorophenol	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
91-58-7	2-Chloronaphthalene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
88-74-4	2-Nitroaniline	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
131-11-3	Dimethyl phthalate	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
208-96-8	Acenaphthylene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
606-20-2	2,6-Dinitrotoluene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
99-09-2	3-Nitroaniline	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
83-32-9	Acenaphthene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
51-28-5	2,4-Dinitrophenol	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
100-02-7	4-Nitrophenol	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
132-64-9	Dibenzofuran	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0017-00		036-G-0018-00		036-G-0019-00		036-G-0020-00		036-G-0021-00		036-H-0021-00	
	ORIGINAL ID ----->	36GR17		36GR18		36GR19		36GR20		36GR21		36GR21D	
	LAB SAMPLE ID --->	9204.5		9209.6		9210.0		9207.0		9205.3		9206.1	
	ID FROM REPORT -->	J50302		J50306		J50307		J50305		J50303		J50304	
	SAMPLE DATE ----->	05/02/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE EXTRACTED -->	05/03/94		05/03/94		05/03/94		05/03/94		05/03/94		05/03/94	
	DATE ANALYZED --->	05/10/94		05/10/94		05/10/94		05/10/94		05/10/94		05/10/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
121-14-2	2,4-Dinitrotoluene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
84-66-2	Diethylphthalate	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
86-73-7	Fluorene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
100-01-6	4-Nitroaniline	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
86-30-6	N-Nitrosodiphenylamine	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
118-74-1	Hexachlorobenzene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
87-86-5	Pentachlorophenol	28.	U	27.	U	27.	U	26.	U	26.	U	27.	U
85-01-8	Phenanthrene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
120-12-7	Anthracene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
86-74-8	Carbazole	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
84-74-2	Di-n-butylphthalate	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
206-44-0	Fluoranthene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
129-00-0	Pyrene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
85-68-7	Butylbenzylphthalate	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
56-55-3	Benzo(a)anthracene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
218-01-9	Chrysene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U	11.	U	1.	U	11.	U	11.	U
117-84-0	Di-n-octyl phthalate	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
205-99-2	Benzo(b)fluoranthene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
207-08-9	Benzo(k)fluoranthene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
50-32-8	Benzo(a)pyrene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	11.	U	11.	U	11.	U	10.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-0022-00		036-G-I014-00		036-G-I052-00		036-G-I052-00		036-G-MW06-00		036-G-MW08-00	
	ORIGINAL ID ----->	36GR22		36GIMW14		36GIMW52		36GIMW52		36GMW06		36GMW08	
	LAB SAMPLE ID --->	10208.3		9050.6		9105.7		9591.5		9047.6		9048.4	
	ID FROM REPORT -->	J51201		J42904		J43016		J50601		J42901		J42902	
	SAMPLE DATE ----->	05/11/94											
	DATE EXTRACTED -->	05/12/94				04/30/94		05/06/94		04/29/94		04/29/94	
	DATE ANALYZED --->	05/17/94		05/01/94		05/02/94		05/10/94		05/01/94		05/01/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT807	VAL	CT803	VAL	CT803	VAL	CT805	VAL	CT803	VAL	CT803	VAL
108-95-2	Phenol	11.	U	10.	U	1.	J	11.	U	10.	U	11.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
95-57-8	2-Chlorophenol	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
541-73-1	1,3-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
106-46-7	1,4-Dichlorobenzene	11.	U	10.	U	3.	J	11.	U	10.	U	11.	U
95-50-1	1,2-Dichlorobenzene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	U	10.	U	1.	J	11.	U	10.	U	11.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
67-72-1	Hexachloroethane	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
98-95-3	Nitrobenzene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
78-59-1	Isophorone	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
88-75-5	2-Nitrophenol	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
105-67-9	2,4-Dimethylphenol	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
120-83-2	2,4-Dichlorophenol	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
91-20-3	Naphthalene	11.	U	10.	U	3.	J	11.	U	10.	U	2.	J
106-47-8	4-Chloroaniline	11.	U	10.	U	11.	U	11.	UJ	10.	U	11.	U
87-68-3	Hexachlorobutadiene	11.	UJ	10.	U	11.	U	11.	U	10.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
91-57-6	2-Methylnaphthalene	11.	U	10.	U	11.	U	11.	UJ	10.	U	8.	J
77-47-4	Hexachlorocyclopentadiene	11.	U	10.	U	11.	U	11.	UR	10.	U	11.	U
88-06-2	2,4,6-Trichlorophenol	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	28.	U	26.	U	29.	U	28.	U	25.	U	28.	U
91-58-7	2-Chloronaphthalene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
88-74-4	2-Nitroaniline	28.	UJ	26.	U	29.	U	28.	U	25.	U	28.	U
131-11-3	Dimethyl phthalate	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
208-96-8	Acenaphthylene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
606-20-2	2,6-Dinitrotoluene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
99-09-2	3-Nitroaniline	28.	U	26.	U	29.	U	28.	U	25.	U	28.	U
83-32-9	Acenaphthene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
51-28-5	2,4-Dinitrophenol	28.	UJ	26.	U	29.	U	28.	U	25.	U	28.	U
100-02-7	4-Nitrophenol	28.	U	26.	U	29.	U	28.	U	25.	U	28.	U
132-64-9	Dibenzofuran	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA															
	SAMPLE ID ------->	036-G-0022-00		036-G-I014-00		036-G-I052-00		036-G-I052-00		036-G-MW06-00		036-G-MW08-00	
	ORIGINAL ID ----->	36GR22		36GIMW14		36GIMW52		36GIMW52		36GMW06		36GMW08	
	LAB SAMPLE ID --->	10208.3		9050.6		9105.7		9591.5		9047.6		9048.4	
	ID FROM REPORT -->	J51201		J42904		J43016		J50601		J42901		J42902	
	SAMPLE DATE ----->	05/11/94											
	DATE EXTRACTED -->	05/12/94				04/30/94		05/06/94		04/29/94		04/29/94	
	DATE ANALYZED --->	05/17/94		05/01/94		05/02/94		05/10/94		05/01/94		05/01/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT807	VAL	CT803	VAL	CT803	VAL	CT805	VAL	CT803	VAL	CT803	VAL
121-14-2	2,4-Dinitrotoluene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
84-66-2	Diethylphthalate	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
86-73-7	Fluorene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
100-01-6	4-Nitroaniline	28.	U	26.	U	29.	U	28.	UJ	25.	U	28.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	28.	UJ	26.	U	29.	U	28.	U	25.	U	28.	U
86-30-6	N-Nitrosodiphenylamine	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
118-74-1	Hexachlorobenzene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
87-86-5	Pentachlorophenol	28.	U	26.	U	29.	U	28.	U	25.	U	28.	U
85-01-8	Phenanthrene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
120-12-7	Anthracene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
86-74-8	Carbazole	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
84-74-2	Di-n-butylphthalate	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
206-44-0	Fluoranthene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
129-00-0	Pyrene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
85-68-7	Butylbenzylphthalate	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	11.	U	10.	U	11.	U	11.	UJ	10.	U	11.	U
56-55-3	Benzo(a)anthracene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
218-01-9	Chrysene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	10.	U	2.	U	11.	U	10.	U	11.	U
117-84-0	Di-n-octyl phthalate	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
205-99-2	Benzo(b)fluoranthene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
207-08-9	Benzo(k)fluoranthene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
50-32-8	Benzo(a)pyrene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	11.	U	10.	U	11.	U	11.	U	10.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA															
	SAMPLE ID ------->	036-G-MW09-00		036-G-MW22-00		036-G-MW31-00		036-G-MW35-00		036-H-MW35-00		036-G-TW01-00	
	ORIGINAL ID ----->	36GMW09		36GMW22		36GMW31		36GMW35		36GMW35D		36GTW01	
	LAB SAMPLE ID --->	9049.2		9106.5		9107.3		9103.0		9104.9		9051.4	
	ID FROM REPORT -->	J42903		J43017		J43018		J43014		J43015		J42905	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->			04/30/94		04/30/94		04/30/94		04/30/94			
	DATE ANALYZED --->	05/01/94		05/02/94		05/02/94		05/02/94		05/02/94		05/01/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
108-95-2	Phenol	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
95-57-8	2-Chlorophenol	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
541-73-1	1,3-Dichlorobenzene	11.	U	11.	U	12.	U	370.	J	380.	J	8.	J
106-46-7	1,4-Dichlorobenzene	11.	U	11.	U	12.	U	460.	J	450.	J	20.	
95-50-1	1,2-Dichlorobenzene	11.	U	11.	U	12.	U	310.	J	310.	J	1.	J
95-48-7	2-Methylphenol (o-Cresol)	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
67-72-1	Hexachloroethane	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
98-95-3	Nitrobenzene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
78-59-1	Isophorone	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
88-75-5	2-Nitrophenol	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
105-67-9	2,4-Dimethylphenol	11.	U	11.	U	12.	U	11.	U	1.	J	10.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
120-83-2	2,4-Dichlorophenol	11.	U	11.	U	12.	U	4.	J	4.	J	10.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
91-20-3	Naphthalene	11.	U	50.		12.	U	80.		80.		10.	U
106-47-8	4-Chloroaniline	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
87-68-3	Hexachlorobutadiene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
91-57-6	2-Methylnaphthalene	4.	J	7.	J	12.	U	15.		15.		10.	U
77-47-4	Hexachlorocyclopentadiene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
91-58-7	2-Chloronaphthalene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
88-74-4	2-Nitroaniline	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
131-11-3	Dimethyl phthalate	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
208-96-8	Acenaphthylene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
606-20-2	2,6-Dinitrotoluene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
99-09-2	3-Nitroaniline	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
83-32-9	Acenaphthene	11.	U	11.	U	12.	U	11.	U	12.	U	2.	J
51-28-5	2,4-Dinitrophenol	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
100-02-7	4-Nitrophenol	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
132-64-9	Dibenzofuran	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA															
	SAMPLE ID ------->	036-G-MW09-00		036-G-MW22-00		036-G-MW31-00		036-G-MW35-00		036-H-MW35-00		036-G-TW01-00	
	ORIGINAL ID ----->	36GMW09		36GMW22		36GMW31		36GMW35		36GMW35D		36GTW01	
	LAB SAMPLE ID --->	9049.2		9106.5		9107.3		9103.0		9104.9		9051.4	
	ID FROM REPORT -->	J42903		J43017		J43018		J43014		J43015		J42905	
	SAMPLE DATE ----->												
	DATE EXTRACTED -->			04/30/94		04/30/94		04/30/94		04/30/94			
	DATE ANALYZED --->	05/01/94		05/02/94		05/02/94		05/02/94		05/02/94		05/01/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL
121-14-2	2,4-Dinitrotoluene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
84-66-2	Diethylphthalate	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
86-73-7	Fluorene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
100-01-6	4-Nitroaniline	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
86-30-6	N-Nitrosodiphenylamine	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
118-74-1	Hexachlorobenzene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
87-86-5	Pentachlorophenol	28.	U	28.	U	29.	U	29.	U	29.	U	25.	U
85-01-8	Phenanthrene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
120-12-7	Anthracene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
86-74-8	Carbazole	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
84-74-2	Di-n-butylphthalate	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
206-44-0	Fluoranthene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
129-00-0	Pyrene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
85-68-7	Butylbenzylphthalate	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
56-55-3	Benzo(a)anthracene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
218-01-9	Chrysene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
117-84-0	Di-n-octyl phthalate	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
205-99-2	Benzo(b)fluoranthene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
207-08-9	Benzo(k)fluoranthene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
50-32-8	Benzo(a)pyrene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	11.	U	11.	U	12.	U	11.	U	12.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA							
	SAMPLE ID ------->	036-G-TW09-00		036-G-TW13-00			
	ORIGINAL ID ----->	36GTW09		36GTW13			
	LAB SAMPLE ID --->	9055.7		9056.5			
	ID FROM REPORT -->	J42906		J42907			
	SAMPLE DATE ----->						
	DATE EXTRACTED -->	04/29/94		04/29/94			
	DATE ANALYZED --->	05/02/94		05/02/94			
	MATRIX ---------->	Water		Water			
	UNITS ---------->	ug/L		ug/L			
CAS #	Parameter	CT803	VAL	CT803	VAL		
108-95-2	Phenol	11.	U	11.	U		
111-44-4	bis(2-Chloroethyl)ether	11.	U	11.	U		
95-57-8	2-Chlorophenol	11.	U	11.	U		
541-73-1	1,3-Dichlorobenzene	11.	U	11.	U		
106-46-7	1,4-Dichlorobenzene	11.	U	11.	U		
95-50-1	1,2-Dichlorobenzene	11.	U	11.	U		
95-48-7	2-Methylphenol (o-Cresol)	11.	U	11.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U		
106-44-5	4-Methylphenol (p-Cresol)	11.	U	11.	U		
621-64-7	N-Nitroso-di-n-propylamine	11.	U	11.	U		
67-72-1	Hexachloroethane	11.	U	11.	U		
98-95-3	Nitrobenzene	11.	U	11.	U		
78-59-1	Isophorone	11.	U	11.	U		
88-75-5	2-Nitrophenol	11.	U	11.	U		
105-67-9	2,4-Dimethylphenol	11.	U	11.	U		
111-91-1	bis(2-Chloroethoxy)methane	11.	U	11.	U		
120-83-2	2,4-Dichlorophenol	11.	U	11.	U		
120-82-1	1,2,4-Trichlorobenzene	11.	U	11.	U		
91-20-3	Naphthalene	11.	U	11.	U		
106-47-8	4-Chloroaniline	11.	U	11.	U		
87-68-3	Hexachlorobutadiene	11.	U	11.	U		
59-50-7	4-Chloro-3-methylphenol	11.	U	11.	U		
91-57-6	2-Methylnaphthalene	11.	U	11.	U		
77-47-4	Hexachlorocyclopentadiene	11.	U	11.	U		
88-06-2	2,4,6-Trichlorophenol	11.	U	11.	U		
95-95-4	2,4,5-Trichlorophenol	28.	U	27.	U		
91-58-7	2-Chloronaphthalene	11.	U	11.	U		
88-74-4	2-Nitroaniline	28.	U	27.	U		
131-11-3	Dimethyl phthalate	11.	U	11.	U		
208-96-8	Acenaphthylene	11.	U	11.	U		
606-20-2	2,6-Dinitrotoluene	11.	U	11.	U		
99-09-2	3-Nitroaniline	28.	U	27.	U		
83-32-9	Acenaphthene	11.	U	11.	U		
51-28-5	2,4-Dinitrophenol	28.	U	27.	U		
100-02-7	4-Nitrophenol	28.	U	27.	U		
132-64-9	Dibenzofuran	11.	U	11.	U		

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

SVOA									
	SAMPLE ID ------->	036-G-TW09-00		036-G-TW13-00					
	ORIGINAL ID ----->	36GTW09		36GTW13					
	LAB SAMPLE ID --->	9055.7		9056.5					
	ID FROM REPORT -->	J42906		J42907					
	SAMPLE DATE ----->								
	DATE EXTRACTED -->	04/29/94		04/29/94					
	DATE ANALYZED --->	05/02/94		05/02/94					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/L		ug/L					
CAS #	Parameter	CT803	VAL	CT803	VAL				
121-14-2	2,4-Dinitrotoluene	11.	U	11.	U				
84-66-2	Diethylphthalate	11.	U	11.	U				
7005-72-3	4-Chlorophenylphenylether	11.	U	11.	U				
86-73-7	Fluorene	11.	U	11.	U				
100-01-6	4-Nitroaniline	28.	U	27.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	28.	U	27.	U				
86-30-6	N-Nitrosodiphenylamine	11.	U	11.	U				
101-55-3	4-Bromophenyl-phenylether	11.	U	11.	U				
118-74-1	Hexachlorobenzene	11.	U	11.	U				
87-86-5	Pentachlorophenol	28.	U	27.	U				
85-01-8	Phenanthrene	11.	U	11.	U				
120-12-7	Anthracene	11.	U	11.	U				
86-74-8	Carbazole	11.	U	11.	U				
84-74-2	Di-n-butylphthalate	11.	U	11.	U				
206-44-0	Fluoranthene	11.	U	11.	U				
129-00-0	Pyrene	11.	U	11.	U				
85-68-7	Butylbenzylphthalate	11.	U	11.	U				
91-94-1	3,3'-Dichlorobenzidine	11.	U	11.	U				
56-55-3	Benzo(a)anthracene	11.	U	11.	U				
218-01-9	Chrysene	11.	U	11.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	11.	U				
117-84-0	Di-n-octyl phthalate	11.	U	11.	U				
205-99-2	Benzo(b)fluoranthene	11.	U	11.	U				
207-08-9	Benzo(k)fluoranthene	11.	U	11.	U				
50-32-8	Benzo(a)pyrene	11.	U	11.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	11.	U				
53-70-3	Dibenz(a,h)anthracene	11.	U	11.	U				
191-24-2	Benzo(g,h,i)perylene	11.	U	11.	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

VOA													
	SAMPLE ID ------->	036-G-0001-00		036-H-0001-00		036-G-0002-00		036-G-0003-00		036-G-0004-00		036-G-0005-00	
	ORIGINAL ID ----->	36GR01		36GR01D		36GR02		36GR03		36GR04		36GR05	
	LAB SAMPLE ID --->	9592.3		9593.1		9594.0		9595.8		9596.6		9597.4	
	ID FROM REPORT -->	J50602		J50603		J50604		J50605		J50606		J50607	
	SAMPLE DATE ----->	05/05/94		05/05/94		05/05/94		05/05/94		05/05/94		05/05/94	
	DATE ANALYZED --->	05/10/94		05/10/94		05/10/94		05/10/94		05/11/94		05/10/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-00-3	Chloroethane	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	U	10.	UJ
75-09-2	Methylene chloride	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	U	10.	UJ
67-64-1	Acetone	19.	U	21.	U	80.	U	10.	UJ	35.	U	21.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
127-18-4	Tetrachloroethene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
1330-20-7	Xylene (Total)	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

VOA													
	SAMPLE ID ------->	036-G-0006-00		036-G-0007-00		036-G-0008-00		036-G-0009-00		036-G-0010-00		036-C-0011-00	
	ORIGINAL ID ----->	36GR06		36GR07		36GR08		36GR09		36GR10		36GR11D	
	LAB SAMPLE ID --->	9482.0		9483.8		9484.6		9485.4		9272.0		9271.1	
	ID FROM REPORT -->	J50502		J50503		J50504		J50505		J50405		J50404	
	SAMPLE DATE ----->	05/04/94		05/04/94		05/04/94		05/04/94					
	DATE ANALYZED --->	05/10/94		05/10/94		05/10/94		05/10/94		05/10/94		05/10/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	VAL	CT805	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	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	UJ	10.	UJ	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	10.	U	10.	UJ	10.	UJ	10.	U	10.	U
67-64-1	Acetone	10.	U	10.	U	12.	U	90.	U	10.	U	23.	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 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

VOA													
	SAMPLE ID ------->	036-G-0011-00		036-G-0012-00		036-G-0013-00		036-G-0014-00		036-G-0015-00		036-G-0016-00	
	ORIGINAL ID ----->	36GR11		36GR12		36GR13		36GR14		36GR15		36GR16	
	LAB SAMPLE ID --->	9270.3		9268.1		10046.3		10047.1		9269.0		9203.7	
	ID FROM REPORT -->	J50403		J50401		J51106		J51107		J50402		J50301	
	SAMPLE DATE ----->					05/10/94		05/10/94				05/02/94	
	DATE ANALYZED --->	05/10/94		05/10/94		05/16/94		05/16/94		05/09/94		05/09/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT805	VAL	CT805	VAL	CT807	VAL	CT807	VAL	CT805	VAL	CT803	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	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-64-1	Acetone	18.	U	18.	U	13.	U	10.	U	12.	U	40.	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	8.	J	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U	9.	J	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	79.		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	6.	J	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	49.		10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

VOA													
	SAMPLE ID ------->	036-G-0017-00		036-G-0018-00		036-G-0019-00		036-G-0020-00		036-G-0021-00		036-H-0021-00	
	ORIGINAL ID ----->	36GR17		36GR18		36GR19		36GR20		36GR21		36GR21D	
	LAB SAMPLE ID --->	9204.5		9209.9		9210.0		9207.0		9205.3		9206.1	
	ID FROM REPORT -->	J50302		J50306		J50307		JJ50305		J50303		J50304	
	SAMPLE DATE ----->	05/02/94		05/02/94		05/02/94		05/02/94		05/02/94		05/02/94	
	DATE ANALYZED --->	05/09/94		05/09/94		05/09/94		05/09/94		05/09/94		05/09/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	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	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-64-1	Acetone	83.	U	9.	U	42.	U	5.	U	10.	U	14.	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	4.	J	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)	2.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	2.	J	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 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

VOA													
	SAMPLE ID ------->	036-G-0022-00		036-G-I014-00		036-G-I052-00		036-M-MA6B-03		036-G-MW06-00		036-G-MW08-00	
	ORIGINAL ID ----->	36GR22		36GIMW14		36GIMW52		36MA6B03		36GMW06		36GMW08	
	LAB SAMPLE ID --->	10208.3		9050.6		9591.5		10214.8		9047.6		9048.4	
	ID FROM REPORT -->	J51201		J42904		J50601		J51207		J42901		J42902	
	SAMPLE DATE ----->	05/11/94						05/11/94					
	DATE ANALYZED --->	05/17/94		05/03/94		05/10/94		05/18/94		05/04/94		05/04/94	
	MATRIX ---------->	Water		Water		Water		Sediment		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/Kg		ug/L		ug/L	
CAS #	Parameter	CT807	VAL	CT803	VAL	CT805	VAL	CT806	VAL	CT803	VAL	CT803	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	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	2.	J	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	2.	U	10.	UJ	10.	UJ	10.	U	10.	U
67-64-1	Acetone	23.	UJ	6.	U	10.	U	22.	U	4.	U	7.	U
75-15-0	Carbon disulfide	10.	UJ	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.	UJ	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.	UJ	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	8.	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	10.	U
108-88-3	Toluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	3.	J	10.	U	6.	J	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 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

VOA															
	SAMPLE ID ------->	036-G-MW09-00		036-G-MW22-00		036-G-MW31-00		036-G-MW35-00		036-H-MW35-00		036-G-TW01-00	
	ORIGINAL ID ----->	36GMW09		36GMW22		36GMW31		36GMW35		36GMW35D		36GTW01	
	LAB SAMPLE ID --->	9049.2		9106.5		9107.3		9103.0		9104.9		9051.4	
	ID FROM REPORT -->	J42903		J43017		J43018		J43014		J43015		J42905	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	05/03/94		05/09/94		05/09/94		05/09/94		05/09/94		05/04/94	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
CAS #	Parameter	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	VAL	CT803	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	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	10.	U	10.	U	10.	U	10.	U	10.	U	2.	U
67-64-1	Acetone	56.	U	2.	U	24.	U	9.	U	9.	U	2.	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	2.	J
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	31.		4.	J	62.	
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)	16.		10.	U	10.	U	10.	U	2.	J	2.	J
591-78-6	2-Hexanone	7.	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	4.	J	10.	U	10.	U	10.	U	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	160.		110.		400.	J
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	14.		4.	J	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 36
PENSACOLA, SITE 36, CAT 8, PHASE I
GROUNDWATER SAMPLES

VOA									
	SAMPLE ID ------->	036-G-TW09-00		036-G-TW13-00					
	ORIGINAL ID ----->	36GTW09		36GTW13					
	LAB SAMPLE ID --->	9055.7		9056.5					
	ID FROM REPORT -->	J42906		J42907					
	SAMPLE DATE ----->								
	DATE ANALYZED --->	05/04/94		05/04/94					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/L		ug/L					
CAS #	Parameter	CT803	VAL	CT803	VAL				
74-87-3	Chloromethane	10.	U	10.	U				
74-83-9	Bromomethane	10.	U	10.	U				
75-01-4	Vinyl chloride	10.	U	10.	U				
75-00-3	Chloroethane	10.	U	10.	U				
75-09-2	Methylene chloride	10.	U	2.	U				
67-64-1	Acetone	4.	U	8.	U				
75-15-0	Carbon disulfide	10.	U	10.	U				
75-35-4	1,1-Dichloroethene	10.	U	10.	U				
75-34-3	1,1-Dichloroethane	10.	U	10.	U				
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U				
67-66-3	Chloroform	10.	U	10.	U				
107-06-2	1,2-Dichloroethane	10.	U	10.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U				
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U				
56-23-5	Carbon tetrachloride	10.	U	10.	U				
75-27-4	Bromodichloromethane	10.	U	10.	U				
78-87-5	1,2-Dichloropropane	10.	U	10.	U				
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U				
79-01-6	Trichloroethene	10.	U	10.	U				
124-48-1	Dibromochloromethane	10.	U	10.	U				
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U				
71-43-2	Benzene	10.	U	10.	U				
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U				
75-25-2	Bromoform	10.	U	10.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U				
591-78-6	2-Hexanone	10.	U	10.	U				
127-18-4	Tetrachloroethene	10.	U	10.	U				
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U				
108-88-3	Toluene	10.	U	10.	U				
108-90-7	Chlorobenzene	10.	U	4.	J				
100-41-4	Ethylbenzene	10.	U	10.	U				
100-42-5	Styrene	10.	U	10.	U				
1330-20-7	Xylene (Total)	10.	U	10.	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

METAL													
	SAMPLE ID ------->	036-S-0027-01		036-S-0028-01		036-S-0028-03		036-S-0030-01		036-C-0030-01		036-S-0033-01	
	ORIGINAL ID ----->	36S2701		36S2801		36S2803		36S3001		36S3001D		36S3301	
	LAB SAMPLE ID --->	40733-018		40748-038		40748-039		40748-032		40748-033		40748-027	
	ID FROM REPORT -->	J62905		J63012		J63013		J63006		J63007		J63001	
	SAMPLE DATE ----->	06/28/94		06/29/94		06/29/94		06/29/94		06/29/94		06/29/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
CN	Cyanide	0.12	J	0.06	U	0.06	U	0.06	J	0.08	U	0.07	U
AL	Aluminum	1710.	J	1900.	J	636.	J	841.	J	1210.	J	218.	J
SB	Antimony	2.7	U	2.5	U	2.7	U	2.4	U	2.1	U	2.1	U
AS	Arsenic	0.45	J	0.46	J	0.43	UJ	0.38	UJ	0.66	J	0.33	UJ
BA	Barium	2.7	U	6.	U	1.9	U	1.6	U	1.5	U	21.6	J
BE	Beryllium	0.06	U	0.06	U	0.06	U	0.05	U	0.05	U	0.05	U
CD	Cadmium	0.53	J	0.31	U	0.33	U	0.29	U	0.26	U	0.25	U
CA	Calcium	378.	J	374.	J	867.	J	228.	U	220.	U	741.	J
CR	Chromium	3.2	U	2.4	U	2.3	U	1.9	U	2.3	U	0.55	U
CO	Cobalt	0.57	U	0.54	U	0.58	U	0.84	J	0.73	J	4.2	J
CU	Copper	3.2	J	1.3	J	0.61	J	0.56	J	0.92	J	1.1	J
FE	Iron	1530.	J	1170.	J	916.	J	1570.	J	1950.	J	1140.	J
PB	Lead	70.5		15.7		15.		16.2		16.4		167.	
MG	Magnesium	66.	J	13.4	J	10.6	J	21.6	J	21.4	J	32.8	J
MN	Manganese	24.8		66.2		9.3		12.5		9.3		10.3	
HG	Mercury	0.04	U	0.03	J	0.03	J	0.05	U	0.04	U	0.03	U
NI	Nickel	1.4	U	1.3	U	1.4	U	1.3	U	1.1	U	1.1	U
K	Potassium	101.	U	94.9	U	102.	U	90.1	U	80.3	U	77.2	U
SE	Selenium	0.63	U	0.6	U	0.64	U	0.57	U	0.51	U	0.49	U
AG	Silver	0.55	U	0.52	U	0.56	U	0.49	U	0.44	U	0.42	U
NA	Sodium	3.7	U	3.9	U	7.3	U	8.5	U	9.1	U	18.5	U
TL	Thallium	0.63	U	0.6	U	0.64	U	0.57	U	0.51	U	0.49	U
V	Vanadium	5.3	J	4.4	J	1.9	J	4.4	J	5.1	J	0.86	J
ZN	Zinc	12.8	UJ	4.4	UJ	3.5	UJ	7.	UJ	7.1	UJ	16.3	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

METAL													
	SAMPLE ID ------->	036-S-0033-03		036-S-0034-01		036-S-0035-01		036-S-0035-03		036-S-0036-01		036-S-0036-03	
	ORIGINAL ID ----->	36S3303		36S3401		36S3501		36S3503		36S3601		36S3603	
	LAB SAMPLE ID --->	40748-028		40748-029		40748-030		40748-031		40931-015		40931-016	
	ID FROM REPORT -->	J63002		J63003		J63004		J63005		J72004		J72005	
	SAMPLE DATE ----->	06/29/94		06/29/94		06/29/94		06/29/94		07/17/94		07/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT809	VAL	CT809	VAL
CN	Cyanide	0.07	U	0.28	J	0.07	U	0.08	J	0.07	U	0.07	U
AL	Aluminum	19.2	UJ	1990.	J	148.	J	777.	J	2370.		1510.	
SB	Antimony	2.1	U	2.4	U	2.8	U	2.3	U	2.7	UJ	2.6	UJ
AS	Arsenic	0.34	UJ	1.3	J	0.45	UJ	0.37	UJ	0.44	U	0.49	J
BA	Barium	1.6	U	33.	J	1.6	U	2.8	U	2.2	J	4.	J
BE	Beryllium	0.05	U	0.1	U	0.06	U	0.05	U	0.06	U	0.06	U
CD	Cadmium	0.26	U	0.46	J	0.34	U	0.28	U	0.34	U	0.31	U
CA	Calcium	47.2	U	10600.		269.	U	4740.		2030.		1650.	
CR	Chromium	0.46	U	5.1		0.62	U	1.9	U	1.7	J	1.4	J
CO	Cobalt	0.45	U	5.2	J	6.2	J	0.65	J	1.	J	1.5	J
CU	Copper	0.42	UJ	10.2		0.56	UJ	0.46	UJ	1.1	J	2.	J
FE	Iron	37.4	UJ	2870.	J	274.	J	1240.	J	2490.		2160.	
PB	Lead	6.7		38.7		21.6		19.5		12.1		31.2	
MG	Magnesium	3.9	U	187.	J	10.8	J	37.8	J	49.9	U	170.	J
MN	Manganese	1.8	J	19.8		1.2	UJ	8.5		38.6		16.6	
HG	Mercury	0.04	U	0.05	U	0.04	U	0.03	U	0.04	UJ	0.15	
NI	Nickel	1.1	U	1.9	U	1.5	U	1.3	U	1.4	UJ	1.3	UJ
K	Potassium	79.3	U	240.	U	106.	U	87.1	U	158.	J	96.2	U
SE	Selenium	0.5	U	0.58	U	0.66	U	0.55	U	0.65	U	0.6	U
AG	Silver	0.43	U	0.5	U	0.58	U	0.48	U	0.57	U	0.53	U
NA	Sodium	2.5	U	27.1	U	8.9	U	4.1	U	22.1	U	18.4	U
TL	Thallium	0.5	U	0.58	U	0.66	U	0.55	U	0.65	U	0.6	U
V	Vanadium	0.56	U	7.1	J	0.75	U	6.3	J	4.7	J	4.4	J
ZN	Zinc	2.3	UJ	36.8	J	2.9	UJ	4.1	UJ	5.1	U	11.1	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0027-01		036-S-0028-01		036-S-0028-03		036-S-0030-01		036-C-0030-01		036-S-0033-01	
	ORIGINAL ID ----->	36S2701		36S2801		36S2803		36S3001		36S3001D		36S3301	
	LAB SAMPLE ID --->	14739.7		14758.3		14759.1		14745.1		14746.0		14740.0	
	ID FROM REPORT -->	J62905		J63012		J63013		J63006		J63007		J63001	
	SAMPLE DATE ----->	06/28/94		06/29/94		06/29/94		06/29/94		06/29/94			
	DATE EXTRACTED -->	07/06/94		07/06/94		07/06/94		07/06/94		07/06/94		07/06/94	
	DATE ANALYZED --->	07/10/94		07/11/94		07/11/94		07/10/94		07/10/94		07/10/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
1024-57-3	Heptachlor epoxide	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
1031-07-8	Endosulfan sulfate	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
11096-82-5	Aroclor-1260	38.	U	12.	J	13.	J	38.	U	38.	U	38.	U
11097-69-1	Aroclor-1254	38.	U	37.	U	35.	U	38.	U	38.	U	38.	U
11104-28-2	Aroclor-1221	77.	U	75.	U	71.	U	77.	U	76.	U	78.	U
11141-16-5	Aroclor-1232	38.	U	37.	U	35.	U	38.	U	38.	U	38.	U
12672-29-6	Aroclor-1248	38.	U	37.	U	35.	U	38.	U	38.	U	38.	U
12674-11-2	Aroclor-1016	38.	U	37.	U	35.	U	38.	U	38.	U	38.	U
309-00-2	Aldrin	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
319-84-6	alpha-BHC	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
319-85-7	beta-BHC	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
319-86-8	delta-BHC	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
33213-65-9	Endosulfan II	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
50-29-3	4,4'-DDT	3.2	J	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
5103-71-9	alpha-Chlordane	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
5103-74-2	gamma-Chlordane	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
53469-21-9	Aroclor-1242	38.	U	37.	U	35.	U	38.	U	38.	U	38.	U
53494-70-5	Endrin ketone	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
58-89-9	gamma-BHC (Lindane)	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
60-57-1	Dieldrin	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
72-20-8	Endrin	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
72-43-5	Methoxychlor	20.	U	19.	U	18.	U	20.	U	19.	U	20.	U
72-54-8	4,4'-DDD	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
72-55-9	4,4'-DDE	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
7421-93-4	Endrin aldehyde	3.8	U	3.7	U	3.5	U	3.8	U	3.8	U	3.8	U
76-44-8	Heptachlor	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U
8001-35-2	Toxaphene	200.	U	190.	U	180.	U	200.	U	190.	U	200.	U
959-98-8	Endosulfan I	2.	U	1.9	U	1.8	U	2.	U	1.9	U	2.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

PEST													
	SAMPLE ID ------->	036-S-0033-03		036-S-0034-01		036-S-0035-01		036-S-0035-03		036-S-0036-01		036-S-0036-03	
	ORIGINAL ID ----->	36S3303		36S3401		36S3501		36S3503		36S3601		36S3603	
	LAB SAMPLE ID --->	14741.9		14742.7		14743.5		14744.3		40931-13		40931-14	
	ID FROM REPORT -->	J63002		J63003		J63004		J63005		J72004		J72005	
	SAMPLE DATE ----->	06/29/94		06/29/94		06/29/94		06/29/94		07/19/94		07/19/94	
	DATE EXTRACTED -->	07/06/94		07/06/94		07/06/94		07/06/94		07/22/94		07/22/94	
	DATE ANALYZED --->	07/10/94		07/10/94		07/10/94		07/10/94		07/27/94		07/27/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT809	VAL	CT809	VAL
1024-57-3	Heptachlor epoxide	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
1031-07-8	Endosulfan sulfate	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
11096-82-5	Aroclor-1260	39.	U	40.	U	40.	U	38.	U	35.	U	35.	U
11097-69-1	Aroclor-1254	39.	U	40.	U	40.	U	38.	U	35.	U	35.	U
11104-28-2	Aroclor-1221	79.	U	82.	U	81.	U	76.	U	71.	U	71.	U
11141-16-5	Aroclor-1232	39.	U	40.	U	40.	U	38.	U	35.	U	35.	U
12672-29-6	Aroclor-1248	39.	U	40.	U	40.	U	38.	U	35.	U	35.	U
12674-11-2	Aroclor-1016	39.	U	40.	U	40.	U	38.	U	35.	U	35.	U
309-00-2	Aldrin	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
319-84-6	alpha-BHC	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
319-85-7	beta-BHC	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
319-86-8	delta-BHC	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
33213-65-9	Endosulfan II	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
50-29-3	4,4'-DDT	3.9	U	4.	U	4.	U	5.		3.5	U	3.5	U
5103-71-9	alpha-Chlordane	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
53469-21-9	Aroclor-1242	39.	U	40.	U	40.	U	38.	U	35.	U	35.	U
53494-70-5	Endrin ketone	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
58-89-9	gamma-BHC (Lindane)	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
60-57-1	Dieldrin	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
72-20-8	Endrin	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
72-43-5	Methoxychlor	20.	U	21.	U	21.	U	19.	U	18.	U	18.	U
72-54-8	4,4'-DDD	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
72-55-9	4,4'-DDE	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
7421-93-4	Endrin aldehyde	3.9	U	4.	U	4.	U	3.8	U	3.5	U	3.5	U
76-44-8	Heptachlor	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U
8001-35-2	Toxaphene	200.	U	210.	U	210.	U	190.	U	180.	U	180.	U
959-98-8	Endosulfan I	2.	U	2.1	U	2.1	U	1.9	U	1.8	U	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0027-01 RE		036-S-0028-01		036-S-0028-03		036-S-0030-01		036-C-0030-01		036-S-0033-01	
	ORIGINAL ID ----->	36S2701RE		36S2801		36S2803		36S3001		36S3001D		36S3301	
	LAB SAMPLE ID --->	40733-13RE		40748-25		40748-26		40748-19		40748-20		40748-14	
	ID FROM REPORT -->	J62905RE		J63012		J63013		J63006		J63007		J63001	
	SAMPLE DATE ----->			06/29/94		06/29/94		06/29/94		06/29/94		06/29/94	
	DATE EXTRACTED -->	07/05/94		07/05/94		07/05/94		07/05/94		07/05/94		07/05/94	
	DATE ANALYZED --->	07/08/94		07/07/94		07/07/94		07/07/94		07/07/94		07/07/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
108-95-2	Phenol	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
95-57-8	2-Chlorophenol	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
541-73-1	1,3-Dichlorobenzene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
106-46-7	1,4-Dichlorobenzene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
95-50-1	1,2-Dichlorobenzene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
67-72-1	Hexachloroethane	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
98-95-3	Nitrobenzene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
78-59-1	Isophorone	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
88-75-5	2-Nitrophenol	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
105-67-9	2,4-Dimethylphenol	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
111-91-1	bis(2-Chloroethoxy)methane	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
120-83-2	2,4-Dichlorophenol	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
91-20-3	Naphthalene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
106-47-8	4-Chloroaniline	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
87-68-3	Hexachlorobutadiene	370.	U	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
59-50-7	4-Chloro-3-methylphenol	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
91-57-6	2-Methylnaphthalene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	370.	U	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
88-06-2	2,4,6-Trichlorophenol	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	910.	U	870.	U	830.	U	900.	U	910.	U	920.	U
91-58-7	2-Chloronaphthalene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
88-74-4	2-Nitroaniline	910.	U	870.	U	830.	U	900.	U	910.	U	920.	U
131-11-3	Dimethyl phthalate	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
208-96-8	Acenaphthylene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
606-20-2	2,6-Dinitrotoluene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
99-09-2	3-Nitroaniline	910.	U	870.	U	830.	U	900.	U	910.	U	920.	U
83-32-9	Acenaphthene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
51-28-5	2,4-Dinitrophenol	910.	U	870.	U	830.	U	900.	UJ	910.	UJ	920.	UJ
100-02-7	4-Nitrophenol	910.	U	870.	U	830.	U	900.	U	910.	U	920.	U
132-64-9	Dibenzofuran	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0027-01 RE		036-S-0028-01		036-S-0028-03		036-S-0030-01		036-C-0030-01		036-S-0033-01	
	ORIGINAL ID ----->	36S2701RE		36S2801		36S2803		36S3001		36S3001D		36S3301	
	LAB SAMPLE ID --->	40733-13RE		40748-25		40748-26		40748-19		40748-20		40748-14	
	ID FROM REPORT -->	J62905RE		J63012		J63013		J63006		J63007		J63001	
	SAMPLE DATE ----->			06/29/94		06/29/94		06/29/94		06/29/94		06/29/94	
	DATE EXTRACTED -->	07/05/94		07/05/94		07/05/94		07/05/94		07/05/94		07/05/94	
	DATE ANALYZED --->	07/08/94		07/07/94		07/07/94		07/07/94		07/07/94		07/07/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
121-14-2	2,4-Dinitrotoluene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
84-66-2	Diethylphthalate	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
86-73-7	Fluorene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
100-01-6	4-Nitroaniline	910.	U	870.	U	830.	U	900.	U	910.	U	920.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	910.	U	870.	U	830.	U	900.	U	910.	U	920.	U
86-30-6	N-Nitrosodiphenylamine	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
118-74-1	Hexachlorobenzene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
87-86-5	Pentachlorophenol	910.	U	870.	U	830.	U	900.	U	910.	U	920.	U
85-01-8	Phenanthrene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
120-12-7	Anthracene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
86-74-8	Carbazole	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
84-74-2	Di-n-butylphthalate	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
206-44-0	Fluoranthene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	U
129-00-0	Pyrene	370.	U	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
85-68-7	Butylbenzylphthalate	370.	U	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
91-94-1	3,3'-Dichlorobenzidine	370.	U	360.	U	340.	U	370.	U	370.	U	380.	UJ
56-55-3	Benzo(a)anthracene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	UJ
218-01-9	Chrysene	370.	U	360.	U	340.	U	370.	U	370.	U	380.	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U	87.	J	340.	U	76.	J	370.	U	380.	UJ
117-84-0	Di-n-octyl phthalate	370.	UJ	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
205-99-2	Benzo(b)fluoranthene	370.	UJ	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
207-08-9	Benzo(k)fluoranthene	370.	UJ	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
50-32-8	Benzo(a)pyrene	370.	UJ	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	370.	UJ	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
53-70-3	Dibenz(a,h)anthracene	370.	UJ	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ
191-24-2	Benzo(g,h,i)perylene	370.	UJ	360.	U	340.	U	370.	UJ	370.	UJ	380.	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0033-03		036-S-0034-01		036-S-0035-01		036-S-0035-03 RE		036-S-0036-01		036-S-0036-03	
	ORIGINAL ID ----->	36S3303		36S3401		36S3501		36S3503RE		36S3601		36S3603	
	LAB SAMPLE ID --->	40748-15		40748-16		40748-17		40748-18RE		40931-13		40931-14	
	ID FROM REPORT -->	J63002		J63003		J63004		J63005RE		J72004		J72005	
	SAMPLE DATE ----->	06/29/94		06/29/94		06/29/94				07/19/94		07/19/94	
	DATE EXTRACTED -->	07/05/94		07/05/94		07/05/94		07/05/94		07/21/94		07/21/94	
	DATE ANALYZED --->	07/07/94		07/07/94		07/07/94		07/08/94		07/26/94		07/26/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT809	VAL	CT809	VAL
108-95-2	Phenol	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
95-57-8	2-Chlorophenol	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
541-73-1	1,3-Dichlorobenzene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
106-46-7	1,4-Dichlorobenzene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
95-50-1	1,2-Dichlorobenzene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
67-72-1	Hexachloroethane	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
98-95-3	Nitrobenzene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
78-59-1	Isophorone	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
88-75-5	2-Nitrophenol	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
105-67-9	2,4-Dimethylphenol	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
120-83-2	2,4-Dichlorophenol	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
91-20-3	Naphthalene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
106-47-8	4-Chloroaniline	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
87-68-3	Hexachlorobutadiene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
91-57-6	2-Methylnaphthalene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
95-95-4	2,4,5-Trichlorophenol	930.	U	970.	U	970.	U	900.	U	850.	U	870.	U
91-58-7	2-Chloronaphthalene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
88-74-4	2-Nitroaniline	930.	U	970.	U	970.	U	900.	U	850.	U	870.	U
131-11-3	Dimethyl phthalate	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
208-96-8	Acenaphthylene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
606-20-2	2,6-Dinitrotoluene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
99-09-2	3-Nitroaniline	930.	U	970.	U	970.	U	900.	U	850.	U	870.	U
83-32-9	Acenaphthene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
51-28-5	2,4-Dinitrophenol	930.	U	970.	U	970.	U	900.	U	850.	UJ	870.	UJ
100-02-7	4-Nitrophenol	930.	U	970.	U	970.	U	900.	U	850.	U	870.	U
132-64-9	Dibenzofuran	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

SVOA													
	SAMPLE ID ------->	036-S-0033-03		036-S-0034-01		036-S-0035-01		036-S-0035-03 RE		036-S-0036-01		036-S-0036-03	
	ORIGINAL ID ----->	36S3303		36S3401		36S3501		36S3503RE		36S3601		36S3603	
	LAB SAMPLE ID --->	40748-15		40748-16		40748-17		40748-18RE		40931-13		40931-14	
	ID FROM REPORT -->	J63002		J63003		J63004		J63005RE		J72004		J72005	
	SAMPLE DATE ----->	06/29/94		06/29/94		06/29/94				07/19/94		07/19/94	
	DATE EXTRACTED -->	07/05/94		07/05/94		07/05/94		07/05/94		07/21/94		07/21/94	
	DATE ANALYZED --->	07/07/94		07/07/94		07/07/94		07/08/94		07/26/94		07/26/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT809	VAL	CT809	VAL
121-14-2	2,4-Dinitrotoluene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
84-66-2	Diethylphthalate	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
86-73-7	Fluorene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
100-01-6	4-Nitroaniline	930.	U	970.	U	970.	U	900.	U	850.	U	870.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	930.	U	970.	U	970.	U	900.	U	850.	U	870.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
118-74-1	Hexachlorobenzene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
87-86-5	Pentachlorophenol	930.	U	970.	U	970.	U	900.	U	850.	U	870.	U
85-01-8	Phenanthrene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
120-12-7	Anthracene	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
86-74-8	Carbazole	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
84-74-2	Di-n-butylphthalate	380.	U	400.	U	400.	U	370.	U	350.	U	360.	U
206-44-0	Fluoranthene	380.	U	400.	U	400.	U	370.	U	54.	J	360.	U
129-00-0	Pyrene	380.	UJ	400.	UJ	400.	U	370.	UJ	45.	J	360.	U
85-68-7	Butylbenzylphthalate	380.	UJ	400.	UJ	400.	U	370.	UJ	110.	J	38.	J
91-94-1	3,3'-Dichlorobenzidine	380.	UJ	400.	UJ	400.	U	370.	UJ	350.	U	360.	U
56-55-3	Benzo(a)anthracene	380.	UJ	400.	UJ	400.	U	370.	UJ	350.	U	360.	U
218-01-9	Chrysene	380.	UJ	400.	UJ	400.	U	370.	UJ	350.	U	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	UJ	400.	UJ	400.	U	370.	UJ	350.	U	360.	U
117-84-0	Di-n-octyl phthalate	380.	UJ	400.	UR	400.	U	370.	UR	350.	U	360.	U
205-99-2	Benzo(b)fluoranthene	380.	UJ	400.	UR	400.	U	370.	UR	350.	U	360.	U
207-08-9	Benzo(k)fluoranthene	380.	UJ	400.	UR	400.	U	370.	UR	350.	U	360.	U
50-32-8	Benzo(a)pyrene	380.	UJ	400.	UR	400.	U	370.	UR	350.	U	360.	U
193-39-5	Indeno(1,2,3-cd)pyrene	380.	UJ	400.	UR	400.	U	370.	UR	350.	U	360.	U
53-70-3	Dibenz(a,h)anthracene	380.	UJ	400.	UR	400.	U	370.	UR	350.	U	360.	U
191-24-2	Benzo(g,h,i)perylene	380.	UJ	400.	UR	400.	U	370.	UR	350.	UJ	360.	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

VOA													
	SAMPLE ID ------->	036-S-0027-01		036-S-0028-01		036-S-0028-03		036-S-0030-01		036-C-0030-01		036-S-0033-01	
	ORIGINAL ID ----->	36S2701		36S2801		36S2803		36S3001		36S3001D		36S3301	
	LAB SAMPLE ID --->	40733-5		40748-12		40748-13		40748-6		40748-7		40748-1	
	ID FROM REPORT -->	J62905		J63012		J63013		J63006		J63007		J63001	
	SAMPLE DATE ----->	06/28/94		06/29/94		06/29/94		06/29/94		06/29/94		06/29/94	
	DATE ANALYZED --->	07/05/94		07/07/94		07/07/94		07/07/94		07/07/94		07/07/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL
74-87-3	Chloromethane	11.	UJ	50.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
74-83-9	Bromomethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
75-01-4	Vinyl chloride	11.	UJ	50.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
75-00-3	Chloroethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	21.	U	67.	U	15.	U	15.	U	16.	U	28.	U
67-64-1	Acetone	65.	U	260.	J	84.	U	75.	U	93.	U	35.	U
75-15-0	Carbon disulfide	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
67-66-3	Chloroform	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
107-06-2	1,2-Dichloroethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
78-93-3	2-Butanone (MEK)	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
56-23-5	Carbon tetrachloride	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
75-27-4	Bromodichloromethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
78-87-5	1,2-Dichloropropane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
79-01-6	Trichloroethene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
124-48-1	Dibromochloromethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
71-43-2	Benzene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
75-25-2	Bromoform	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
591-78-6	2-Hexanone	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
127-18-4	Tetrachloroethene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
108-88-3	Toluene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
108-90-7	Chlorobenzene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
100-41-4	Ethylbenzene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
100-42-5	Styrene	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U
1330-20-7	Xylene (Total)	11.	U	50.	U	11.	U	11.	U	11.	U	11.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, BUILDING 3380
EXISTING CONDITIONS

VOA													
	SAMPLE ID ------->	036-S-0033-03		036-S-0034-01		036-S-0035-01		036-S-0035-03		036-S-0036-01		036-S-0036-03	
	ORIGINAL ID ----->	36S3303		36S3401		36S3501		36S3503		36S3601		36S3603	
	LAB SAMPLE ID --->	40748-2		40748-3		40748-4		40748-5		40931-10		40931-11	
	ID FROM REPORT -->	J63002		J63003		J63004		J63005		J72004		J72005	
	SAMPLE DATE ----->	06/29/94		06/29/94		06/29/94		06/29/94		07/19/94		07/19/94	
	DATE ANALYZED --->	07/07/94		07/07/94		07/07/94		07/07/94		07/29/94		07/29/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT808	VAL	CT808	VAL	CT808	VAL	CT808	VAL	CT809	VAL	CT809	VAL
74-87-3	Chloromethane	12.	UJ	12.	UJ	12.	UJ	11.	UJ	12.	U	10.	U
74-83-9	Bromomethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
75-01-4	Vinyl chloride	12.	UJ	12.	UJ	12.	UJ	11.	UJ	12.	U	10.	U
75-00-3	Chloroethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
75-09-2	Methylene chloride	31.	U	32.	U	29.	U	15.	U	12.	U	10.	U
67-64-1	Acetone	37.	U	83.	U	50.	U	120.	U	18.	U	15.	U
75-15-0	Carbon disulfide	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
67-66-3	Chloroform	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	12.	U	11.	U	12.	UJ	10.	UJ
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
79-01-6	Trichloroethene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
71-43-2	Benzene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
75-25-2	Bromoform	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
591-78-6	2-Hexanone	12.	U	12.	U	12.	U	11.	U	12.	UJ	10.	UJ
127-18-4	Tetrachloroethene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
108-88-3	Toluene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
108-90-7	Chlorobenzene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
100-41-4	Ethylbenzene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
100-42-5	Styrene	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	12.	U	11.	U	12.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

LOWVOA													
	SAMPLE ID ------->	036-G-GR37-01		036-G-GR38-01		036-G-GR39-01		036-G-GR40-01		036-G-GR41-01		036-G-GR42-01	
	ORIGINAL ID ----->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	LAB SAMPLE ID --->	S680113*4		S680076A*1		S680149A*1		S680113*3		S680076A*2		S680113*5	
	ID FROM REPORT -->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	SAMPLE DATE ----->	01/05/96		01/04/96		01/09/96		01/05/96		01/04/96		01/05/96	
	DATE ANALYZED --->	01/10/96		01/10/96		01/15/96		01/10/96		01/10/96		01/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
71-55-6	1,1,1-Trichloroethane	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
79-00-5	1,1,2-Trichloroethane	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
75-35-4	1,1-Dichloroethene	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
78-87-5	1,2-Dichloropropane	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
591-78-6	2-Hexanone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	13.	U	14.	U	11.		18.	U	5.	U	7.	U
71-43-2	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-27-4	Bromodichloromethane	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
75-25-2	Bromoform	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
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
56-23-5	Carbon tetrachloride	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ	1.	UJ
108-90-7	Chlorobenzene	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
67-66-3	Chloroform	0.4	J	0.8	J	1.	U	1.	U	1.	U	1.	U
74-87-3	Chloromethane	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
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-09-2	Methylene chloride	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
100-42-5	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U	0.1	J	1.	U	1.	U
108-88-3	Toluene	1.	U	0.2	J	1.	U	1.	U	1.	U	1.	U
79-01-6	Trichloroethene	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
1330-20-7	Xylene (Total)	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
10061-02-6	trans-1,3-Dichloropropene	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
106-93-4	1,2-Dibromoethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
95-50-1	1,2-Dichlorobenzene	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 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

LOWVOA													
	SAMPLE ID ------->	036-G-GR37-01		036-G-GR38-01		036-G-GR39-01		036-G-GR40-01		036-G-GR41-01		036-G-GR42-01	
	ORIGINAL ID ----->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	LAB SAMPLE ID --->	S680113*4		S680076A*1		S680149A*1		S680113*3		S680076A*2		S680113*5	
	ID FROM REPORT -->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	SAMPLE DATE ----->	01/05/96		01/04/96		01/09/96		01/05/96		01/04/96		01/05/96	
	DATE ANALYZED --->	01/10/96		01/10/96		01/15/96		01/10/96		01/10/96		01/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
74-97-5	Chlorobromomethane	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

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

LOWVOA															
	SAMPLE ID ------->	036-G-GR43-01		036-G-GR44-01		036-G-GR45-01		036-G-GR46-01		036-G-GR47-01		036-G-GR48-01	
	ORIGINAL ID ----->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	LAB SAMPLE ID --->	S680149A*2		S680113*1		S680113*2		S680126*1		S680126*2		S680126*3	
	ID FROM REPORT -->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	SAMPLE DATE ----->	01/09/96		01/05/96		01/05/96		01/08/96		01/08/96		01/08/96	
	DATE ANALYZED --->	01/15/96		01/10/96		01/10/96		01/16/96		01/16/96		01/16/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
71-55-6	1,1,1-Trichloroethane	1.	U	1.	UJ	1.	UJ	1.	U	1.	U	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
79-00-5	1,1,2-Trichloroethane	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
75-35-4	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
107-06-2	1,2-Dichloroethane	0.6	J	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
78-93-3	2-Butanone (MEK)	5.	U	5.	U	5.	U	5.	UJ	5.	UJ	5.	UJ
591-78-6	2-Hexanone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	14.		11.	U	15.	U	12.	UJ	5.	UJ	5.	UJ
71-43-2	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-27-4	Bromodichloromethane	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
75-25-2	Bromoform	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
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
56-23-5	Carbon tetrachloride	1.	U	1.	UJ	1.	UJ	1.	U	1.	U	1.	U
108-90-7	Chlorobenzene	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
67-66-3	Chloroform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
74-87-3	Chloromethane	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
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-09-2	Methylene chloride	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
100-42-5	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
108-88-3	Toluene	0.2	J	1.	U	1.	U	1.	U	0.7	J	0.5	J
79-01-6	Trichloroethene	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
1330-20-7	Xylene (Total)	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
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	UR	1.	U	1.	U	1.	UJ	1.	UJ	1.	UJ
106-93-4	1,2-Dibromoethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
95-50-1	1,2-Dichlorobenzene	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[illegible]ichlorobenzene	1.	U	1.	[illegible]	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

LOWVOA													
	SAMPLE ID ------->	036-G-GR43-01		036-G-GR44-01		036-G-GR45-01		036-G-GR46-01		036-G-GR47-01		036-G-GR48-01	
	ORIGINAL ID ----->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	LAB SAMPLE ID --->	S680149A*2		S680113*1		S680113*2		S680126*1		S680126*2		S680126*3	
	ID FROM REPORT -->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	SAMPLE DATE ----->	01/09/96		01/05/96		01/05/96		01/08/96		01/08/96		01/08/96	
	DATE ANALYZED --->	01/15/96		01/10/96		01/10/96		01/16/96		01/16/96		01/16/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
74-97-5	Chlorobromomethane	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

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

LOWVOA											
	SAMPLE ID ------->	036-G-GR49-01		036-G-GR51-01		036-G-GR52-01		036-G-GR54-01		036-G-GS50-01	
	ORIGINAL ID ----->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	LAB SAMPLE ID --->	S680126*4		S680126*6		S680191*1		S680191*2		S680126*5	
	ID FROM REPORT -->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	SAMPLE DATE ----->	01/08/96		01/08/96		01/10/96		01/10/96		01/08/96	
	DATE ANALYZED --->	01/16/96		01/16/96		01/22/96		01/22/96		01/16/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD04	VAL	PAD02	VAL
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	1.	UJ	5.	UJ	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	U	0.2	U	0.2	UJ	1.	UJ	0.2	U
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	5.	U	1.	U
75-34-3	1,1-Dichloroethane	1.	U	1.	U	1.	U	5.	U	1.	U
75-35-4	1,1-Dichloroethene	1.	U	1.	U	0.2	J	5.	U	1.	U
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U	5.	U	1.	U
78-87-5	1,2-Dichloropropane	1.	U	1.	U	1.	U	5.	U	1.	U
78-93-3	2-Butanone (MEK)	5.	UJ	5.	UJ	5.	UJ	25.	UJ	5.	UJ
591-78-6	2-Hexanone	5.	U	5.	U	5.	UJ	25.	UJ	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	UJ	25.	UJ	5.	U
67-64-1	Acetone	13.	UJ	18.	UJ	5.	UJ	25.	UJ	25.	UJ
71-43-2	Benzene	1.	U	1.	U	1.	U	37.	J	1.	U
75-27-4	Bromodichloromethane	0.6	U	0.6	U	0.6	U	3.	U	0.6	U
75-25-2	Bromoform	1.	U	1.	U	1.	U	5.	U	1.	U
74-83-9	Bromomethane	1.	U	1.	U	1.	U	5.	U	1.	U
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	5.	U	1.	U
56-23-5	Carbon tetrachloride	1.	U	1.	U	1.	UJ	5.	UJ	1.	U
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U	5.	U	1.	U
75-00-3	Chloroethane	1.	U	1.	U	1.	U	5.	U	1.	U
67-66-3	Chloroform	1.	U	1.	U	1.	U	5.	U	0.1	J
74-87-3	Chloromethane	1.	U	1.	U	1.	U	5.	U	1.	U
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U	5.	U	1.	U
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U	42.	J	1.	U
75-09-2	Methylene chloride	2.	U	2.	U	2.	U	10.	U	2.	U
100-42-5	Styrene	1.	U	1.	U	1.	U	5.	U	1.	U
127-18-4	Tetrachloroethene	1.	U	1.	U	0.4	J	5.	U	1.	U
108-88-3	Toluene	1.	U	0.1	J	1.	U	5.	U	1.	U
79-01-6	Trichloroethene	1.	U	1.	U	10.		5.	U	1.	U
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U	5.	U	1.	U
1330-20-7	Xylene (Total)	1.	U	1.	U	1.	U	140.	J	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	5.	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	5.	U	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	UJ	1.	UJ	1.	U	5.	UR	1.	UJ
106-93-4	1,2-Dibromoethane	1.	U	1.	U	1.	U	5.	U	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	5.	U	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	5.	U	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	5.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

LOWVOA											
	SAMPLE ID ------->	036-G-GR49-01		036-G-GR51-01		036-G-GR52-01		036-G-GR54-01		036-G-GS50-01	
	ORIGINAL ID ----->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	LAB SAMPLE ID --->	S680126*4		S680126*6		S680191*1		S680191*2		S680126*5	
	ID FROM REPORT -->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	SAMPLE DATE ----->	01/08/96		01/08/96		01/10/96		01/10/96		01/08/96	
	DATE ANALYZED --->	01/16/96		01/16/96		01/22/96		01/22/96		01/16/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD04	VAL	PAD02	VAL
74-97-5	Chlorobromomethane	1.	U	1.	U	1.	U	5.	U	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U	0.9	J	2.	J	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	J	1.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	036-G-GR37-01		036-G-GR38-01		036-G-GR39-01		036-G-GR40-01		036-G-GR41-01		036-G-GR42-01	
	ORIGINAL ID ----->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	LAB SAMPLE ID --->	S680113*4		S680076A*1		S680149A*1		S680113*3		S680076A*2		S680113*5	
	ID FROM REPORT -->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	SAMPLE DATE ----->	01/05/96		01/04/96		01/09/96		01/05/96		01/04/96		01/05/96	
	DATE ANALYZED --->	01/16/96		01/09/96		01/12/96		01/16/96		01/09/96		01/16/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
7440-38-2	Arsenic (As)	2.5	U	2.5	U	2.6	U	2.5	U	2.5	U	12.9	U
7439-97-6	Mercury (Hg)	0.05	U	0.1	U	0.08	J	0.09	U	0.1	U	0.52	U
7439-92-1	Lead (Pb)	3.4		5.2		4.9	J	2.4	J	6.		266.	
7782-49-2	Selenium (Se)	2.6	U	2.9	J	2.6	U	2.6	U	2.6	U	2.6	J
57-12-5	Cyanide (CN)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7429-90-5	Aluminum (Al)	694.		1600.		324.		266.	U	529.		10400.	
7440-36-0	Antimony (Sb)	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
7440-39-3	Barium (Ba)	21.8		18.6		48.3		18.		26.8		135.	
7440-41-7	Beryllium (Be)	0.05	U	0.42	U	0.02	U	0.05	U	0.16	U	1.4	U
7440-43-9	Cadmium (Cd)	0.17	U	0.5	U	0.17	U	0.17	U	0.17	U	1.8	U
7440-70-2	Calcium (Ca)	20400.		44800.		41200.		34000.		20000.		52900.	
7440-47-3	Chromium (Cr)	1.2	U	18.3		1.1	J	1.7	U	1.4	U	32.9	
7440-48-4	Cobalt (Co)	0.74	U	0.92	J	0.74	U	1.7	J	0.74	U	4.6	J
7440-50-8	Copper (Cu)	1.5	U	4.7	U	2.7	U	6.8	U	6.3	U	36.9	
7439-89-6	Iron (Fe)	626.		2580.		786.		308.		397.		22400.	
7439-95-4	Magnesium (Mg)	2380.		2050.		1630.		1960.		1620.		7270.	
7439-96-5	Manganese (Mn)	39.9		9.3	J	271.		19.8		43.9		366.	
7440-02-0	Nickel (Ni)	0.93	U	2.6	U	0.69	U	1.5	U	2.2	U	19.8	J
7440-09-7	Potassium (K)	1390.		1080.		1770.		3340.		837.	J	3780.	
7440-22-4	Silver (Ag)	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
7440-23-5	Sodium (Na)	16600.		18100.		5580.		7950.		4070.		4550.	
7440-62-2	Vanadium (V)	1.9	U	3.3	U	1.5	U	1.9	U	1.9	U	30.	
7440-66-6	Zinc (Zn)	8.4	U	17.6	J	42.5	J	14.8	U	28.	J	241.	J
7440-28-0	Thallium (Tl)	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	036-G-GR43-01		036-G-GR44-01		036-G-GR45-01		036-G-GR46-01		036-G-GR47-01		036-G-GR48-01	
	ORIGINAL ID ----->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	LAB SAMPLE ID --->	S680149A*2		S680113*1		S680113*2		S680126*1		S680126*2		S680126*3	
	ID FROM REPORT -->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	SAMPLE DATE ----->	01/09/96		01/05/96		01/05/96		01/08/96		01/08/96		01/08/96	
	DATE ANALYZED --->	01/12/96		01/16/96		01/16/96		01/12/96		01/12/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
7440-38-2	Arsenic (As)	2.5	U	2.5	U	2.5	U	2.6	U	5.2	U	2.5	U
7439-97-6	Mercury (Hg)	0.05	U	0.05	U	0.25	U	0.07	U	0.06	U	0.06	U
7439-92-1	Lead (Pb)	8.2	J	19.8		15.4		12.9		5.6		2.7	J
7782-49-2	Selenium (Se)	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
57-12-5	Cyanide (CN)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7429-90-5	Aluminum (Al)	96.5	U	176.	U	454.	U	144.	U	30.7	U	34.3	U
7440-36-0	Antimony (Sb)	2.5	U	2.5	U	2.5	U	7.3		2.5	U	2.5	U
7440-39-3	Barium (Ba)	143.		120.		47.		90.1		275.		256.	
7440-41-7	Beryllium (Be)	0.03	U	0.25	U	0.05	U	0.2	U	0.06	U	0.02	U
7440-43-9	Cadmium (Cd)	0.29	U	0.35	U	1.	U	0.32	U	0.32	U	0.41	U
7440-70-2	Calcium (Ca)	143000.		73600.		27300.		48700.		80600.		58700.	
7440-47-3	Chromium (Cr)	0.77	U	1.	U	3.	U	1.3	U	0.77	U	0.77	U
7440-48-4	Cobalt (Co)	1.3	U	1.2	J	0.83	J	0.76	J	1.5	J	3.5	J
7440-50-8	Copper (Cu)	1.6	U	5.2	U	14.3	U	5.8	U	3.9	U	6.4	U
7439-89-6	Iron (Fe)	712.		187.		723.		133.		160.		404.	
7439-95-4	Magnesium (Mg)	13700.		2760.		1310.		6100.		23000.		18300.	
7439-96-5	Manganese (Mn)	349.		219.		50.		67.2		748.		722.	
7440-02-0	Nickel (Ni)	4.7	U	1.9	U	1.8	U	1.7	U	2.1	U	3.8	U
7440-09-7	Potassium (K)	2900.		3150.		1410.		4630.		8730.		7670.	
7440-22-4	Silver (Ag)	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
7440-23-5	Sodium (Na)	7420.		6240.		33700.		122000.		186000.		102000.	
7440-62-2	Vanadium (V)	0.66	U	1.9	U	14.		3.6	U	2.1	U	1.2	U
7440-66-6	Zinc (Zn)	619.	J	21.7	J	18.3	J	6.8	U	821.	J	528.	J
7440-28-0	Thallium (Tl)	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

METAL											
	SAMPLE ID ------->	036-G-GR49-01		036-G-GR51-01		036-G-GR52-01		036-G-GR54-01		036-G-GS50-01	
	ORIGINAL ID ----->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	LAB SAMPLE ID --->	S680126*4		S680126*6		S680191*1		S680191*2		S680126*5	
	ID FROM REPORT -->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	SAMPLE DATE ----->	01/08/96		01/08/96		01/10/96		01/10/96		01/08/96	
	DATE ANALYZED --->	01/12/96		01/12/96		01/30/96		01/30/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD04	VAL	PAD02	VAL
7440-38-2	Arsenic (As)	3.3	U	4.1	U	2.5	U	2.5	U	6.8	U
7439-97-6	Mercury (Hg)	0.12	U	0.05	U	0.06	J	0.08	J	0.05	U
7439-92-1	Lead (Pb)	46.5		1.9	U	19.7	J	66.4	J	1.5	J
7782-49-2	Selenium (Se)	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
57-12-5	Cyanide (CN)	10.	U	10.	U	10.	U	10.	U	10.	U
7429-90-5	Aluminum (Al)	1590.		72.2	U	2040.		146.	J	27.4	U
7440-36-0	Antimony (Sb)	2.5	U	3.7	J	2.5	U	2.5	U	2.5	U
7440-39-3	Barium (Ba)	42.1		239.		45.		146.		73.9	
7440-41-7	Beryllium (Be)	0.02	U	0.02	U	0.52	U	0.29	U	0.02	U
7440-43-9	Cadmium (Cd)	0.38	U	0.17	U	0.94	U	0.58	U	4.4	J
7440-70-2	Calcium (Ca)	39600.		79700.		40600.		62800.		35900.	
7440-47-3	Chromium (Cr)	6.5	U	0.99	U	2.7	J	0.91	J	1.5	U
7440-48-4	Cobalt (Co)	0.74	U	0.74	U	1.6	U	1.4	U	0.74	U
7440-50-8	Copper (Cu)	39.8		1.7	U	23.1	J	16.	J	26.8	
7439-89-6	Iron (Fe)	894.		390.		1430.		15100.		46.	J
7439-95-4	Magnesium (Mg)	4910.		21000.		3310.		6540.		12800.	
7439-96-5	Manganese (Mn)	35.1		166.		1260.		331.		5.	U
7440-02-0	Nickel (Ni)	2.8	U	0.69	U	4.	U	2.1	U	1.6	U
7440-09-7	Potassium (K)	8940.		7740.		5420.		2850.		5120.	
7440-22-4	Silver (Ag)	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
7440-23-5	Sodium (Na)	108000.		203000.		11200.		24500.		102000.	
7440-62-2	Vanadium (V)	4.3	U	0.66	U	4.6	U	0.66	U	4.8	U
7440-66-6	Zinc (Zn)	24.9	J	3.5	U	30.	J	24.7	J	397.	J
7440-28-0	Thallium (Tl)	0.86	U	4.3	U	0.86	U	0.86	U	0.86	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

PEST															
	SAMPLE ID ------->	036-G-GR37-01		036-G-GR38-01		036-G-GR39-01		036-G-GR40-01		036-G-GR41-01		036-G-GR42-01	
	ORIGINAL ID ----->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	LAB SAMPLE ID --->	S680113*4		S680076A*1		S680149A*1		S680113*3		S680076A*2		S680113*5	
	ID FROM REPORT -->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	SAMPLE DATE ----->	01/05/96		01/04/96		01/09/96		01/05/96		01/04/96		01/05/96	
	DATE EXTRACTED -->	01/09/96		01/08/96		01/11/96		01/09/96		01/08/96		01/09/96	
	DATE ANALYZED --->	01/12/96		01/12/96		01/17/96		01/12/96		01/12/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
72-54-8	4,4'-DDD	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
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
33213-65-9	Endosulfan II	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
72-20-8	Endrin	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
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
76-44-8	Heptachlor	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
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
8001-35-2	Toxaphene	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	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
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

PEST													
	SAMPLE ID ------->	036-G-GR43-01		036-G-GR44-01		036-G-GR45-01		036-G-GR46-01		036-G-GR47-01		036-G-GR48-01	
	ORIGINAL ID ----->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	LAB SAMPLE ID --->	S680149A*2		S680113*1		S680113*2		S680126*1		S680126*2		S680126*3	
	ID FROM REPORT -->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	SAMPLE DATE ----->	01/09/96		01/05/96		01/05/96		01/08/96		01/08/96		01/08/96	
	DATE EXTRACTED -->	01/11/96		01/09/96		01/09/96		01/11/96		01/11/96		01/11/96	
	DATE ANALYZED --->	01/17/96		01/12/96		01/12/96		01/17/96		01/17/96		01/17/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
72-54-8	4,4'-DDD	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
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
33213-65-9	Endosulfan II	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
72-20-8	Endrin	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
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
76-44-8	Heptachlor	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
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
8001-35-2	Toxaphene	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	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
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

PEST											
	SAMPLE ID ------->	036-G-GR49-01		036-G-GR51-01		036-G-GR52-01		036-G-GR54-01		036-G-GS50-01	
	ORIGINAL ID ----->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	LAB SAMPLE ID --->	S680126*4		S680126*6		S680191*1		S680191*2		S680126*5	
	ID FROM REPORT -->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	SAMPLE DATE ----->	01/08/96		01/08/96		01/10/96		01/10/96		01/08/96	
	DATE EXTRACTED -->	01/11/96		01/11/96		01/12/96		01/12/96		01/11/96	
	DATE ANALYZED --->	01/17/96		01/17/96		01/17/96		01/17/96		01/17/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD04	VAL	PAD02	VAL
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
11104-28-2	Aroclor-1221	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
8001-35-2	Toxaphene	3.	U	3.	U	3.	UJ	3.	U	3.	U
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-GR37-01		036-G-GR38-01		036-G-GR39-01		036-G-GR40-01		036-G-GR41-01		036-G-GR42-01	
	ORIGINAL ID ----->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	LAB SAMPLE ID --->	S680113*4		S680076A*1		S680149A*1		S680113*3		S680076A*2		S680113*5	
	ID FROM REPORT -->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	SAMPLE DATE ----->	01/05/96		01/04/96		01/09/96		01/05/96		01/04/96		01/05/96	
	DATE EXTRACTED -->	01/09/96		01/08/96		01/11/95		01/09/96		01/08/96		01/09/96	
	DATE ANALYZED --->	01/12/96		01/10/96		01/13/96		01/12/96		01/10/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
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
108-60-1	2,2'-oxybis(1-Chloropropane)	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
95-95-4	2,4,5-Trichlorophenol	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	14.	U	14.	UJ	14.	U	14.	U	14.	UJ	14.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	25.	U	25.	UJ	25.	UJ	25.	U	25.	UJ	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	UJ	25.	U	25.	U	25.	UJ	25.	U
101-55-3	4-Bromophenyl-phenylether	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
106-47-8	4-Chloroaniline	10.	U	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	25.	U	25.	UJ	25.	UJ	25.	U	25.	UJ	25.	U
100-02-7	4-Nitrophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
50-32-8	Benzo(a)pyrene	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U
205-99-2	Benzo(b)fluoranthene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-GR37-01		036-G-GR38-01		036-G-GR39-01		036-G-GR40-01		036-G-GR41-01		036-G-GR42-01	
	ORIGINAL ID ----->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	LAB SAMPLE ID --->	S680113*4		S680076A*1		S680149A*1		S680113*3		S680076A*2		S680113*5	
	ID FROM REPORT -->	036GGR3701		036GGR3801		036GGR3901		036GGR4001		036GGR4101		036GGR4201	
	SAMPLE DATE ----->	01/05/96		01/04/96		01/09/96		01/05/96		01/04/96		01/05/96	
	DATE EXTRACTED -->	01/09/96		01/08/96		01/11/95		01/09/96		01/08/96		01/09/96	
	DATE ANALYZED --->	01/12/96		01/10/96		01/13/96		01/12/96		01/10/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
85-68-7	Butylbenzylphthalate	10.	UJ	10.	U	10.	U	0.42	J	10.	U	0.42	J
86-74-8	Carbazole	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
218-01-9	Chrysene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	UJ
53-70-3	Dibenz(a,h)anthracene	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
132-64-9	Dibenzofuran	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
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
122-39-4	Diphenylamine	7.	U	7.	U	7.	U	7.	U	7.	U	7.	U
91-20-3	Naphthalene	6.8	U	6.8	U	6.8	U	6.8	U	6.8	U	6.8	U
98-95-3	Nitrobenzene	9.5	U	9.5	U	9.5	U	9.5	U	9.5	U	9.5	U
87-86-5	Pentachlorophenol	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	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
111-44-4	bis(2-Chloroethyl)ether	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	UJ

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

SVOA															
	SAMPLE ID ------->	036-G-GR43-01		036-G-GR44-01		036-G-GR45-01		036-G-GR46-01		036-G-GR47-01		036-G-GR48-01	
	ORIGINAL ID ----->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	LAB SAMPLE ID --->	S680149A*2		S680113*1		S680113*2		S680126*1		S680126*2		S680126*3	
	ID FROM REPORT -->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	SAMPLE DATE ----->	01/09/96		01/05/96		01/05/96		01/08/96		01/08/96		01/08/96	
	DATE EXTRACTED -->	01/11/95		01/09/96		01/09/96		01/11/95		01/11/95		01/11/95	
	DATE ANALYZED --->	01/13/96		01/12/96		01/12/96		01/12/96		01/12/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
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
108-60-1	2,2'-oxybis(1-Chloropropane)	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
95-95-4	2,4,5-Trichlorophenol	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	2.	J	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	25.	UJ	25.	U	25.	U	25.	UJ	25.	UJ	25.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
101-55-3	4-Bromophenyl-phenylether	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
106-47-8	4-Chloroaniline	10.	UJ	10.	U	10.	U	10.	UJ	10.	UJ	10.	UJ
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	25.	UJ	25.	U	25.	U	25.	UJ	25.	UJ	25.	UJ
100-02-7	4-Nitrophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
50-32-8	Benzo(a)pyrene	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U
205-99-2	Benzo(b)fluoranthene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	036-G-GR43-01		036-G-GR44-01		036-G-GR45-01		036-G-GR46-01		036-G-GR47-01		036-G-GR48-01	
	ORIGINAL ID ----->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	LAB SAMPLE ID --->	S680149A*2		S680113*1		S680113*2		S680126*1		S680126*2		S680126*3	
	ID FROM REPORT -->	036GGR4301		036GGR4401		036GGR4501		036GGR4601		036GGR4701		036GGR4801	
	SAMPLE DATE ----->	01/09/96		01/05/96		01/05/96		01/08/96		01/08/96		01/08/96	
	DATE EXTRACTED -->	01/11/95		01/09/96		01/09/96		01/11/95		01/11/95		01/11/95	
	DATE ANALYZED --->	01/13/96		01/12/96		01/12/96		01/12/96		01/12/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD04	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL	PAD02	VAL
85-68-7	Butylbenzylphthalate	10.	U	0.6	J	10.	UJ	10.	U	10.	U	10.	U
86-74-8	Carbazole	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
218-01-9	Chrysene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	UJ	10.	UJ	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
132-64-9	Dibenzofuran	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
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
122-39-4	Diphenylamine	7.	U	7.	U	7.	U	7.	U	7.	U	7.	U
91-20-3	Naphthalene	6.8	U	1.4	J	6.8	U	6.8	U	6.8	U	6.8	U
98-95-3	Nitrobenzene	9.5	U	9.5	U	9.5	U	9.5	U	9.5	U	9.5	U
87-86-5	Pentachlorophenol	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
85-01-8	Phenanthrene	10.	U	1.3	J	10.	U	10.	U	10.	U	10.	U
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	0.25	J	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
111-44-4	bis(2-Chloroethyl)ether	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	UJ	10.	UJ	10.	U	10.	U	10.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

SVOA											
	SAMPLE ID ------->	036-G-GR49-01		036-G-GR51-01		036-G-GR52-01		036-G-GR54-01		036-G-GS50-01	
	ORIGINAL ID ----->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	LAB SAMPLE ID --->	S680126*4		S680126*6		S680191*1		S680191*2		S680126*5	
	ID FROM REPORT -->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	SAMPLE DATE ----->	01/08/96		01/08/96		01/10/96		01/10/96		01/08/96	
	DATE EXTRACTED -->	01/11/95		01/11/95		01/12/96		01/12/96		01/11/95	
	DATE ANALYZED --->	01/12/96		01/12/96		01/15/96		01/16/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD04	VAL	PAD02	VAL
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	250.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	250.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	250.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	250.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7.5	U	7.5	U	7.5	U	190.	U	7.5	U
95-95-4	2,4,5-Trichlorophenol	4.	U	4.	U	4.	U	100.	U	4.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	250.	U	10.	U
120-83-2	2,4-Dichlorophenol	4.	U	4.	U	4.	U	100.	U	4.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	81.	J	10.	U
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	620.	U	25.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	250.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	250.	U	10.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	250.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	250.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	700.		10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	250.	U	10.	U
88-74-4	2-Nitroaniline	7.5	U	7.5	U	7.5	U	190.	U	7.5	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	250.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	14.	U	14.	U	14.	U	350.	U	14.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	10.	U	10.	U	1.3	J	250.	U	10.	U
99-09-2	3-Nitroaniline	25.	UJ	25.	UJ	25.	U	620.	U	25.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	U	620.	U	25.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	250.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	250.	U	10.	U
106-47-8	4-Chloroaniline	10.	UJ	10.	UJ	10.	U	250.	U	10.	UJ
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	250.	U	10.	U
100-01-6	4-Nitroaniline	25.	UJ	25.	UJ	25.	U	620.	U	25.	UJ
100-02-7	4-Nitrophenol	15.	U	15.	U	15.	U	380.	U	15.	U
83-32-9	Acenaphthene	10.	U	0.65	J	10.	U	22.	J	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	250.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	18.	J	10.	U
56-55-3	Benzo(a)anthracene	4.	U	4.	U	4.	U	100.	U	4.	U
50-32-8	Benzo(a)pyrene	0.59	U	0.59	U	0.59	U	15.	U	0.59	U
205-99-2	Benzo(b)fluoranthene	4.	U	4.	U	4.	U	100.	U	4.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	250.	U	10.	U
207-08-9	Benzo(k)fluoranthene	4.	U	4.	U	4.	U	100.	U	4.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, JANUARY 1996
GROUNDWATER SAMPLES

SVOA											
	SAMPLE ID ------->	036-G-GR49-01		036-G-GR51-01		036-G-GR52-01		036-G-GR54-01		036-G-GS50-01	
	ORIGINAL ID ----->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	LAB SAMPLE ID --->	S680126*4		S680126*6		S680191*1		S680191*2		S680126*5	
	ID FROM REPORT -->	036GGR4901		036GGR5101		036GGR5201		036GGR5401		036GGS5001	
	SAMPLE DATE ----->	01/08/96		01/08/96		01/10/96		01/10/96		01/08/96	
	DATE EXTRACTED -->	01/11/95		01/11/95		01/12/96		01/12/96		01/11/95	
	DATE ANALYZED --->	01/12/96		01/12/96		01/15/96		01/16/96		01/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PAD02	VAL	PAD02	VAL	PAD04	VAL	PAD04	VAL	PAD02	VAL
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	250.	U	10.	U
86-74-8	Carbazole	7.5	U	7.5	U	7.5	U	22.	J	7.5	U
218-01-9	Chrysene	5.	U	5.	U	5.	U	120.	U	5.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	250.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	UJ	250.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	7.5	U	7.5	U	7.5	U	190.	U	7.5	U
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	250.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	250.	U	10.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	250.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	250.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	61.	J	10.	U
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U	25.	U	1.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	250.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	250.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	250.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7.5	U	7.5	U	7.5	U	190.	U	7.5	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	250.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	4.	U	4.	U	4.	U	100.	U	4.	U
122-39-4	Diphenylamine	7.	U	7.	U	7.	U	180.	U	7.	U
91-20-3	Naphthalene	6.8	U	6.8	U	6.8	U	210.		6.8	U
98-95-3	Nitrobenzene	9.5	U	9.5	U	9.5	U	240.	U	9.5	U
87-86-5	Pentachlorophenol	1.	U	1.	U	1.	U	25.	U	1.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	140.	J	10.	U
108-95-2	Phenol	10.	U	10.	U	10.	U	250.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	7.5	J	10.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	250.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	1.5	U	1.5	U	1.5	U	38.	U	1.5	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	1.3	J	250.	UJ	10.	U

*** Validation Complete ***

Appendix J
Selected Monitoring Wells Resampling Results

PENSACOLA, SITE 36
PENSACOLA, SITE 36, GROUNDWATER
SELECTED WELLS RESAMPLING

METAL													
	SAMPLE ID ------->	036-G-GR01-02		036-G-GR03-02		036-G-GR12-02		036-G-GR13-02		036-G-GR14-02		036-H-GR14-02	
	ORIGINAL ID ----->	36GGR0102		36GGR0302		36GGR1202		36GGR1302		36GGR1402		36HGR1402	
	LAB SAMPLE ID --->	667354		667343		667338		667334		667351		667356	
	ID FROM REPORT -->	36GGR0102		36GGR0302		36GGR1202		36GGR1302		36GGR1402		36HGR1402	
	SAMPLE DATE ----->	12/08/94		12/08/94		12/08/94		12/08/94		12/08/94		12/08/94	
	MATRIX ---------->	0		Water		0		0		0		0	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	97961I	VAL	97961I	VAL	97961I	VAL	97961I	VAL	97961I	VAL	97961I	VAL
AL	Aluminum	1380.	J	3050.	J	304.	UR	241.	UR	401.	UR	396.	UR
SB	Antimony	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
AS	Arsenic	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	4.	J
BA	Barium	325.		100.	J	70.3	J	48.8	J	13.5	J	12.9	J
BE	Beryllium	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CD	Cadmium	0.5	U	0.5	U	0.5	U	0.78	J	0.95	J	0.5	U
CA	Calcium	38100.		29400.		68000.		28800.		21700.		21200.	
CR	Chromium	3.	J	5.	J	2.2	U	2.2	U	2.2	U	2.2	U
CO	Cobalt	0.51	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CU	Copper	5.7	J	11.9	J	1.5	J	3.4	J	2.6	J	1.4	J
FE	Iron	629.	J	1820.	J	164.	UJ	137.	UJ	363.	J	237.	UJ
PB	Lead	41.7		31.8		6.6	U	12.8	U	13.3	U	10.8	U
MG	Magnesium	2010.	J	2060.	J	2520.	J	1350.	J	647.	J	631.	J
MN	Manganese	28.3	U	20.4	U	763.		6.2	U	2.8	U	1.7	U
HG	Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NI	Nickel	6.9	U	6.9	U	4.9	U	5.6	U	9.7	U	5.9	U
K	Potassium	2070.	J	1770.	J	2320.	J	1880.	J	4090.	J	4020.	J
SE	Selenium	4.4	UJ	4.4	UJ	4.4	UJ	4.4	UJ	4.4	UJ	4.4	UJ
AG	Silver	0.6	UJ	0.6	UJ	0.6	UJ	0.6	UJ	0.6	UJ	0.6	UJ
NA	Sodium	7490.		3120.	U	6150.		3270.	U	4650.	J	4560.	J
TL	Thallium	5.5	U	5.5	U	5.5	U	5.5	U	5.5	U	5.5	U
V	Vanadium	2.	J	1.3	J	2.3	J	2.3	J	4.2	J	3.8	J
ZN	Zinc	84.	U	38.6	U	27.2	U	35.	U	77.2	U	37.6	U
CN	Cyanide	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, GROUNDWATER
SELECTED WELLS RESAMPLING

VOA											
	SAMPLE ID ------->	036-G-GR14-02		036-H-GR14-02		036-G-GR15-02					
	ORIGINAL ID ----->	36GGR1402		36HGR1402		36GGR1502					
	LAB SAMPLE ID --->	667353		667357		667339					
	ID FROM REPORT -->	36GGR1402		36HGR1402		36GGR1502					
	SAMPLE DATE ----->										
	DATE ANALYZED --->	12/17/94		12/17/94		12/16/94					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL				
74-87-3	Chloromethane	5.		4.		3.	U				
74-83-9	Bromomethane	5.	U	2.	U	3.	U				
75-01-4	Vinyl chloride	5.	U	2.	U	3.	U				
75-00-3	Chloroethane	5.	U	2.	U	3.	U				
75-09-2	Methylene chloride	6.	U	2.	U	3.	U				
67-64-1	Acetone	25.	UR	8.	UR	14.	UR				
75-15-0	Carbon disulfide	5.	U	2.	U	3.	U				
75-35-4	1,1-Dichloroethene	5.	U	2.	U	5.					
75-34-3	1,1-Dichloroethane	5.	U	2.	U	16.					
156-59-2	cis-1,2-Dichloroethene	5.	U	2.	U	3.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	2.	U	3.	U				
67-66-3	Chloroform	5.	U	2.	U	3.	U				
107-06-2	1,2-Dichloroethane	5.	U	2.	U	3.	U				
78-93-3	2-Butanone (MEK)	25.	UR	8.	UR	14.	UR				
74-97-5	Chlorobromomethane	5.	U	2.	U	3.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	2.	U	54.					
56-23-5	Carbon tetrachloride	5.	U	2.	U	3.	U				
75-27-4	Bromodichloromethane	5.	U	2.	U	3.	U				
78-87-5	1,2-Dichloropropane	5.	U	2.	U	3.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	2.	U	3.	U				
79-01-6	Trichloroethene	5.	U	2.	U	3.	U				
124-48-1	Dibromochloromethane	5.	U	2.	U	3.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	2.	U	3.	U				
71-43-2	Benzene	5.	U	2.	U	3.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	2.	U	3.	U				
75-25-2	Bromoform	5.	U	2.	U	3.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	25.	U	8.	U	14.	U				
591-78-6	2-Hexanone	25.	UR	8.	UR	14.	UR				
127-18-4	Tetrachloroethene	5.	U	2.	U	3.	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	2.	U	3.	U				
106-93-4	1,2-Dibromoethane	5.	U	2.	U	3.	U				
108-88-3	Toluene	5.	U	2.	U	3.	U				
108-90-7	Chlorobenzene	5.	U	2.	U	3.	U				
100-41-4	Ethylbenzene	8.		8.		3.	U				
100-42-5	Styrene	5.	U	2.	U	3.	U				
1330-20-7	Xylene (Total)	70.		64.		3.	U				
541-73-1	1,3-Dichlorobenzene	5.	U	2.	U	3.	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, GROUNDWATER
SELECTED WELLS RESAMPLING

VOA											
	SAMPLE ID ------->	036-G-GR14-02		036-H-GR14-02		036-G-GR15-02					
	ORIGINAL ID ----->	36GGR1402		36HGR1402		36GGR1502					
	LAB SAMPLE ID --->	667353		667357		667339					
	ID FROM REPORT -->	36GGR1402		36HGR1402		36GGR1502					
	SAMPLE DATE ----->										
	DATE ANALYZED --->	12/17/94		12/17/94		12/16/94					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	00006	VAL	00006	VAL	00006	VAL				
106-46-7	1,4-Dichlorobenzene	5.	U	2.	U	3.	U				
95-50-1	1,2-Dichlorobenzene	5.	U	2.	U	3.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	5.	U	2.	U	3.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, 9/96 GROUNDWATER

LOWVOA											
	SAMPLE ID ------->	036-G-ABB1-01		036-G-GR55-01		036-H-GR55-01		036-G-GR56-01			
	ORIGINAL ID ----->	036GABB101		036GGR5501		036HGR5501		036GGR5601			
	LAB SAMPLE ID --->	6340-01		6340-02		6340-04		6340-03			
	ID FROM REPORT -->	036GABB101		036GGR5501		036HGR5501		036GGR5601			
	SAMPLE DATE ----->	09/27/96		09/27/96		09/27/96		09/27/96			
	DATE ANALYZED --->	10/04/96		10/04/96		10/04/96		10/05/96			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	6340	VAL	6340	VAL	6340	VAL	6340	VAL		
74-97-5	Chlorobromomethane	0.1	U	0.1	U	0.1	U	0.1	U		
74-87-3	Chloromethane	0.2	U	0.2	U	0.2	U	0.2	U		
74-83-9	Bromomethane	0.2	U	0.2	U	0.2	U	0.2	U		
75-01-4	Vinyl chloride	0.2	U	0.2	U	0.2	U	0.2	U		
75-00-3	Chloroethane	0.2	U	0.2	U	0.2	U	0.2	U		
75-09-2	Methylene chloride	1.	U	1.	U	1.	U	1.	U		
67-64-1	Acetone	16.	J	0.3	UR	0.3	UR	0.3	UR		
75-15-0	Carbon disulfide	0.2	U	0.2	U	0.2	U	0.2	U		
75-35-4	1,1-Dichloroethene	0.2	U	0.2	U	0.2	U	0.2	U		
75-34-3	1,1-Dichloroethane	0.1	U	0.1	U	0.1	U	0.1	U		
156-59-2	cis-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U		
156-60-5	trans-1,2-Dichloroethene	0.3	U	0.3	U	0.3	U	0.3	U		
67-66-3	Chloroform	0.1	U	0.1	U	0.1	U	0.1	U		
107-06-2	1,2-Dichloroethane	0.1	U	0.1	U	0.1	U	0.1	U		
78-93-3	2-Butanone (MEK)	0.2	UR	0.2	UR	0.2	UR	0.2	UR		
71-55-6	1,1,1-Trichloroethane	0.1	U	0.1	U	0.1	U	0.1	U		
56-23-5	Carbon tetrachloride	0.2	U	0.2	U	0.2	U	0.2	U		
75-27-4	Bromodichloromethane	0.1	U	0.1	U	0.1	U	0.1	U		
78-87-5	1,2-Dichloropropane	0.2	U	0.2	U	0.2	U	0.2	U		
10061-01-5	cis-1,3-Dichloropropene	0.1	U	0.1	U	0.1	U	0.1	U		
79-01-6	Trichloroethene	0.1	U	0.1	U	0.1	U	0.1	U		
124-48-1	Dibromochloromethane	0.3	U	0.3	U	0.3	U	0.3	U		
79-00-5	1,1,2-Trichloroethane	0.3	U	6.	J	0.3	UJ	0.3	U		
71-43-2	Benzene	0.1	U	0.1	U	0.1	U	8.			
10061-02-6	trans-1,3-Dichloropropene	0.2	U	0.2	U	0.2	U	0.2	U		
75-25-2	Bromoform	0.2	U	0.2	UJ	0.2	UJ	0.2	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	0.2	U	0.2	U	0.2	U	0.2	U		
591-78-6	2-Hexanone	0.4	U	0.4	U	0.4	U	0.4	U		
127-18-4	Tetrachloroethene	0.2	U	0.2	U	0.2	U	0.2	U		
79-34-5	1,1,2,2-Tetrachloroethane	0.2	U	0.2	U	0.2	U	0.2	U		
106-93-4	1,2-Dibromoethane	0.6	U	0.6	U	0.6	U	0.6	U		
108-88-3	Toluene	0.1	U	0.1	U	0.1	U	0.1	U		
108-90-7	Chlorobenzene	0.1	U	5.		7.		710.	D		
100-41-4	Ethylbenzene	0.1	U	0.1	U	0.1	U	0.1	U		
100-42-5	Styrene	0.1	U	0.1	U	0.1	U	0.1	U		
1330-20-7	Xylene (Total)	0.1	U	0.1	U	0.1	U	0.1	U		
541-73-1	1 [illegible]chlorobenzene	0.3	U	72.	[illegible]	110.	DJ	1.			

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, 9/96 GROUNDWATER

LOWVOA													
	SAMPLE ID ------->	036-G-ABB1-01		036-G-GR55-01		036-H-GR55-01		036-G-GR56-01					
	ORIGINAL ID ----->	036GABB101		036GGR5501		036HGR5501		036GGR5601					
	LAB SAMPLE ID --->	6340-01		6340-02		6340-04		6340-03					
	ID FROM REPORT -->	036GABB101		036GGR5501		036HGR5501		036GGR5601					
	SAMPLE DATE ----->	09/27/96		09/27/96		09/27/96		09/27/96					
	DATE ANALYZED --->	10/04/96		10/04/96		10/04/96		10/05/96					
	MATRIX ---------->	Water		Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L					
CAS #	Parameter	6340	VAL	6340	VAL	6340	VAL	6340	VAL				
106-46-7	1,4-Dichlorobenzene	0.4	U	43.	DJ	64.	DJ	10.					
95-50-1	1,2-Dichlorobenzene	0.4	U	39.	DJ	59.	DJ	4.					
96-12-8	1,2-Dibromo-3-Chloropropane	0.8	UR	0.8	UR	0.8	UR	0.8	UR				

*** Validation Complete ***

Navy Public Works Center
Environmental Laboratory

Bldg. 3887, Code 920
NAS Pensacola, FL 32508
Phone (904) 452-4728/3642
DSN 922 4728/3642

Laboratory Report
Total Metals

Requester: NAS Environmental/EMBAFE
Address: Bldg 624, NAS Pensacola, FL 32508
Phone #: 452-7000
Contact: Ron Joyner

Report Number: [illegible]
Sample Date: 2 Dec 96
Received Date: 3 Dec 96
Sample Site: Pensacola FL
Job Order #: 160 401[illegible]

Sample ID#	Lab	1- 64785	2- 64786	3- 64787	4- 64788	Analysis(s)
Sample Name	Requester	036GQR4302	036GQR5701	036GQR5801	036GQR5901	[illegible]
Collector Name		P.B. Hardy	P.B. Hardy	P.B. Hardy	P.B. Hardy	
Date/Time Collected (Military)	Comp start					Date(s) of analysis
	Comp stop					[illegible] 17 [illegible] Dec 96
	Grab	2 Dec 96 @ 1440	2 Dec 96 @ 1440	2 Dec 96 @ 1440	2 Dec 96 @ 1510	GFAA 17 18 Dec 96
Sample Type	Comp/Grab	Grab	Grab	Grab	Grab	Hg 18 Dec 96
Sample Matrix		Water	Water	Water	Water	[illegible] 17 Dec 96

PARAMETER	METHOD #	1- 64785 ID#	units	Det. Limit	2- 64786 ID#	units	Det. Limit	3- 64787 ID#	units	Det. Limit	4- 64788 ID#	units	Det. Limit	Preservative(s)
Metals:														
Aluminum(Al)	EPA 200.7	X 0.10	mg/l	0.05	X 0.24	mg/l	0.05	X 0.10	mg/l	0.05	X BDL	mg/l	0.05	HNO, to pH<2
Antimony(Sb)	EPA 204.2	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	HNO, to pH<2
Arsenic(As)	EPA 206.2	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	HNO, to pH<2
Barium(Ba)	EPA 200.7	X 0.06	mg/l	0.01	X 0.03	mg/l	0.01	X 0.07	mg/l	0.01	X 0.07	mg/l	0.01	HNO, to pH<2
Beryllium(Be)	EPA 200.7	X BDL	mg/l	0.003	X BDL	mg/l	0.003	X BDL	mg/l	0.003	X BDL	mg/l	0.003	HNO, to pH<2
Cadmium(Cd)	EPA 200.7	X BDL	mg/l	0.01	X BDL	mg/l	0.01	X BDL	mg/l	0.01	X BDL	mg/l	0.01	HNO, to pH<2
Calcium(Ca)	EPA 200.7	X 58	mg/l	0.16	X 31	mg/l	0.08	X 44	mg/l	0.1	X 56	mg/l	0.16	HNO, to pH<2
Chromium(Cr)	EPA 200.7	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	HNO, to pH<2
Cobalt	EPA 200.7	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	HNO, to pH<2
Copper(Cu)	EPA 200.7	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	HNO, to pH<2
Iron(Fe)	EPA 200.7	X 0.78	mg/l	0.05	X 0.32	mg/l	0.05	X 0.08	mg/l	0.05	X BDL	mg/l	0.05	HNO, to pH<2
Lead(Pb)	EPA 239.2	X 0.006	mg/l	0.003	X 0.009	mg/l	0.003	X 0.003	mg/l	0.003	X 0.014	mg/l	0.003	HNO, to pH<2
Magnesium(Mg)	EPA 200.7	X 6.4	mg/l	0.01	X 1.8	mg/l	0.01	X 3.2	mg/l	0.01	X 2.9	mg/l	0.01	HNO, to pH<2
Manganese(Mn)	EPA 200.7	X 0.22	mg/l	0.01	X BDL	mg/l	0.01	X 0.02	mg/l	0.01	X BDL	mg/l	0.01	HNO, to pH<2
Mercury(Hg)	EPA 245.1	X BDL	mg/l	0.0002	X BDL	mg/l	0.0002	X BDL	mg/l	0.0002	X BDL	mg/l	0.0002	HNO, to pH<2
Nickel(Ni)	EPA 200.7	X BDL	mg/l	0.04	X BDL	mg/l	0.04	X BDL	mg/l	0.04	X BDL	mg/l	0.04	HNO, to pH<2
Potassium(K)	EPA 200.7	X 3.2	mg/l	0.4	X 2.3	mg/l	0.4	X 4.9	mg/l	0.4	X 1.5	mg/l	0.4	HNO, to pH<2
Selenium(Se)	EPA 270.2	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	HNO, to pH<2
Silver(Ag)	EPA 200.7	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	X BDL	mg/l	0.02	HNO, to pH<2
Sodium(Na)	EPA 200.7	X 9.2	mg/l	0.05	X 9.2	mg/l	0.05	X 10	mg/l	0.05	X 10	mg/l	0.05	HNO, to pH<2
Thallium(Tl)	EPA 279.2	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	X BDL	mg/l	0.005	HNO, to pH<2
Vanadium	EPA 200.7	X BDL	mg/l	0.08	X BDL	mg/l	0.08	X BDL	mg/l	0.08	X BDL	mg/l	0.08	HNO, to pH<2
Zinc(Zn)	EPA 200.7	X 0.31	mg/l	0.05	X BDL	mg/l	0.05	X 0.43	mg/l	0.05	X 0.07	mg/l	0.05	HNO, to pH<2

Comments: mg/kg=milligrams per kilogram. mg/l=milligrams per liter.

Approved by: for W. Moore, Chemist
Jerry Dees, Laboratory Director

Date/Time: 20 Dec 96 12:40

Final Report

Navy Public Works Center
Environmental Laboratory

Bldg. 3897, Code 920
NAS Pensacola, FL 32508
Phone (904) 452-4728/3642
DSN 922 - 4728/3642

Laboratory Report
Total Metals

Requester: NAS Environmental/ENSAFE
Address: Bldg 624
NAS Pensacola, FL 32508
Phone #: 452-2000
Contact: Ron Joyner

Report Number: 96120006
Sample Date: 2 Dec 96
Received Date: 5 Dec 96
Sample Site: Pensacola II
Job Order #: 160 4017

Sample ID#	Lab	1- 64789	2-	3-	4-	Analyst(s)
Sample Name	Requester	03SGOR6001				Brian Nelson
Collector Name		P.B. Hardy				
Date/Time Collected (Military)	Comp start					Date(s) of analysis
	Comp stop					ICP - 12 18 Dec 96
	Grab	2 Dec 96 @ 1510				CVAA - 17 18 Dec 96
Sample Type	Comp/Grab	Grab				Hg - 18 Dec 96
Sample Matrix		Water				[illegible] - 17 Dec 96

PARAMETER Metals	METHOD #		1- 64789 ID#	units	Det Limit	2- ID#	units	Det. Limit	3- ID#	units	Det Limit	4- ID#	units	Det Limit	Preservative(s)
Aluminum(Al)	EPA 200.7	X	BDL	mg/l	0.06		mg/l	0.06		mg/l	0.06		mg/l	0.06	HNO, to pH<2
Antimony(Sb)	EPA 204.2	X	BDL	mg/l	0.005		mg/l	0.005		mg/l	0.005		mg/l	0.005	HNO, to pH<2
Arsenic(As)	EPA 206.2	X	BDL	mg/l	0.005		mg/l	0.005		mg/l	0.005		mg/l	0.005	HNO, to pH<2
Barium(Ba)	EPA 200.7	X	0.09	mg/l	0.01		mg/l	0.01		mg/l	0.01		mg/l	0.01	HNO, to pH<2
Beryllium(Be)	EPA 200.7	X	BDL	mg/l	0.003		mg/l	0.003		mg/l	0.003		mg/l	0.003	HNO, to pH<2
Cadmium(Cd)	EPA 200.7	X	BDL	mg/l	0.01		mg/l	0.01		mg/l	0.01		mg/l	0.01	HNO, to pH<2
Calcium(Ca)	EPA 200.7	X	43	mg/l	0.08		mg/l	0.08		mg/l	0.1		mg/l	0.1	HNO, to pH<2
Chromium(Cr)	EPA 200.7	X	BDL	mg/l	0.02		mg/l	0.02		mg/l	0.02		mg/l	0.02	HNO, to pH<2
Cobalt	EPA 200.7	X	BDL	mg/l	0.02		mg/l	0.02		mg/l	0.02		mg/l	0.02	HNO, to pH<2
Copper(Cu)	EPA 200.7	X	BDL	mg/l	0.02		mg/l	0.02		mg/l	0.02		mg/l	0.02	HNO, to pH<2
Iron(Fe)	EPA 200.7	X	BDL	mg/l	0.06		mg/l	0.06		mg/l	0.06		mg/l	0.06	HNO, to pH<2
Lead(Pb)	EPA 239.2	X	0.004	mg/l	0.003		mg/l	0.003		mg/l	0.003		mg/l	0.003	HNO, to pH<2
Magnesium(Mg)	EPA 200.7	X	3.1	mg/l	0.01		mg/l	0.01		mg/l	0.01		mg/l	0.01	HNO, to pH<2
Manganese(Mn)	EPA 200.7	X	BDL	mg/l	0.01		mg/l	0.01		mg/l	0.01		mg/l	0.01	HNO, to pH<2
Mercury(Hg)	EPA 245.1	X	BDL	mg/l	0.0002		mg/l	0.0002		mg/l	0.0002		mg/l	0.0002	HNO, to pH<2
Nickel(Ni)	EPA 200.7	X	BDL	mg/l	0.04		mg/l	0.04		mg/l	0.04		mg/l	0.04	HNO, to pH<2
Potassium(K)	EPA 200.7	X	3.0	mg/l	0.4		mg/l	0.4		mg/l	0.4		mg/l	0.4	HNO, to pH<2
Selenium(Se)	EPA 270.2	X	BDL	mg/l	0.005		mg/l	0.005		mg/l	0.005		mg/l	0.005	HNO, to pH<2
Silver(Ag)	EPA 200.7	X	BDL	mg/l	0.02		mg/l	0.02		mg/l	0.02		mg/l	0.02	HNO, to pH<2
Sodium(Na)	EPA 200.7	X	7.3	mg/l	0.05		mg/l	0.05		mg/l	0.05		mg/l	0.05	HNO, to pH<2
Thallium(Tl)	EPA 279.2	X	BDL	mg/l	0.005		mg/l	0.005		mg/l	0.005		mg/l	0.005	HNO, to pH<2
Vanadium	EPA 200.7	X	BDL	mg/l	0.08		mg/l	0.08		mg/l	0.08		mg/l	0.08	HNO, to pH<2
Zinc(Zn)	EPA 200.7	X	0.14	mg/l	0.05		mg/l	0.05		mg/l	0.06		mg/l	0.06	HNO, to pH<2

Comments: mg/kg=milligrams per kilogram. mg/l=milligrams per liter.

Approved by: J. W. Moore, Chemist for Jerry Dees, Laboratory Director

Date/Time: 20-Dec-96 [illegible]

End of Report

Appendix K
IWTP Sewer Line Flushing Results

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

METAL													
	SAMPLE ID ------->	036-W-0A10-01		036-W-0A10-02		036-W-0A10-03		036-W-0A10-04		036-W-0P52-01		036-W-0PS1-01	
	ORIGINAL ID ----->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	LAB SAMPLE ID --->	S555887*1		S555887*2		S555887*3		S555887*4		S555926*1		S555887*5	
	ID FROM REPORT -->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	SAMPLE DATE ----->	10/20/95		10/20/95		10/20/95		10/20/95		10/24/95		10/20/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		10/27/95		10/24/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL
7440-38-2	Arsenic (As)	1.5	UJ	1.5	UJ	1.5	UJ	1.5	UJ	1.5	UJ	1.5	UJ
7439-97-6	Mercury (Hg)	0.26		0.27		0.3		0.34		0.06	U	0.06	U
7439-92-1	Lead (Pb)	4.	U	1.4	U	5.7		1.6	U	6.6		1.1	U
7782-49-2	Selenium (Se)	2.2	J	2.	U	2.	U	2.	U	2.	U	2.	U
57-12-5	Cyanide (CN)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7429-90-5	Aluminum (Al)	35.3	U	18.3	U	123.	U	34.8	U	17.1	U	17.	U
7440-36-0	Antimony (Sb)	2.9	U	2.8	U	2.6	U	2.3	U	2.4	U	2.3	U
7440-39-3	Barium (Ba)	28.2		25.5		25.5		24.8		25.2		29.1	
7440-41-7	Beryllium (Be)	1.3	U	0.37	U	0.16	U	0.12	U	0.097	U	0.096	U
7440-43-9	Cadmium (Cd)	2.3	U	1.3	U	1.1	U	0.79	U	0.22	U	0.22	U
7440-70-2	Calcium (Ca)	3000.		2230.		2310.		2200.		1850.		3110.	
7440-47-3	Chromium (Cr)	13.1	U	4.1	U	4.7	U	3.9	U	0.8	U	0.64	U
7440-48-4	Cobalt (Co)	1.5	J	0.82	J	0.67	U	0.74	J	0.67	U	0.67	U
7440-50-8	Copper (Cu)	2.4	U	1.2	U	1.	U	1.1	U	20.4	J	4.5	U
7439-89-6	Iron (Fe)	184.		139.		284.		148.		53.9	U	100.	
7439-95-4	Magnesium (Mg)	1590.		1400.		1380.		1360.		1340.		1490.	
7439-96-5	Manganese (Mn)	9.	U	8.2	U	8.7	U	10.	U	2.9	U	5.6	U
7440-02-0	Nickel (Ni)	4.1	U	2.8	U	2.5	U	2.2	U	1.1	U	0.74	U
7440-09-7	Potassium (K)	588.	J	494.	J	522.	J	519.	J	407.	J	558.	J
7440-22-4	Silver (Ag)	3.1	J	2.6	J	2.3	J	2.6	J	1.	U	1.	U
7440-23-5	Sodium (Na)	10200.		9870.		9680.		9850.		9780.		10200.	
7440-62-2	Vanadium (V)	1.9	U	1.	U	0.76	U	0.76	U	0.76	U	0.76	U
7440-66-6	Zinc (Zn)	330.		311.		321.		314.		307.		396.	
7440-28-0	Thallium (Tl)	1.1	J	0.8	J	0.74	UJ	0.74	UJ	0.95	UJ	1.1	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

METAL									
	SAMPLE ID ------->	036-W-OPS1-02		036-W-IWTP-01					
	ORIGINAL ID ----->	036WOPS102		036WIWTP01					
	LAB SAMPLE ID --->	S555887*6		S555926*2					
	ID FROM REPORT -->	036WOPS102		036WIWTP01					
	SAMPLE DATE ----->	10/20/95		10/24/95					
	DATE ANALYZED --->	10/24/95		10/27/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	PEN03	VAL	PEN03	VAL				
7440-38-2	Arsenic (As)	1.5	UJ	1.5	UJ				
7439-97-6	Mercury (Hg)	0.06	J	0.06	U				
7439-92-1	Lead (Pb)	0.82	U	2.	U				
7782-49-2	Selenium (Se)	2.	U	2.	U				
57-12-5	Cyanide (CN)	10.	U	10.	U				
7429-90-5	Aluminum (Al)	11.6	U	13.1	U				
7440-36-0	Antimony (Sb)	2.3	U	2.4	U				
7440-39-3	Barium (Ba)	26.4		22.6					
7440-41-7	Beryllium (Be)	0.093	U	0.099	U				
7440-43-9	Cadmium (Cd)	0.22	U	0.24	U				
7440-70-2	Calcium (Ca)	2130.		1860.					
7440-47-3	Chromium (Cr)	0.64	U	0.95	U				
7440-48-4	Cobalt (Co)	0.67	U	0.67	U				
7440-50-8	Copper (Cu)	5.7	U	0.64	U				
7439-89-6	Iron (Fe)	90.4		518.					
7439-95-4	Magnesium (Mg)	1370.		1290.					
7439-96-5	Manganese (Mn)	9.3	U	7.8	U				
7440-02-0	Nickel (Ni)	0.74	U	1.4	U				
7440-09-7	Potassium (K)	519.	J	407.	J				
7440-22-4	Silver (Ag)	1.	U	1.	U				
7440-23-5	Sodium (Na)	9620.		9460.					
7440-62-2	Vanadium (V)	0.91	U	0.76	U				
7440-66-6	Zinc (Zn)	350.		236.					
7440-28-0	Thallium (Tl)	0.74	UJ	0.95	UJ				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

PEST													
	SAMPLE ID ------->	036-W-0A10-01		036-W-0A10-02		036-W-0A10-03		036-W-0A10-04		036-W-0P52-01		036-W-0PS1-01	
	ORIGINAL ID ----->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	LAB SAMPLE ID --->	S555887*1		S555887*2		S555887*3		S555887*4		S555926*1		S555887*5	
	ID FROM REPORT -->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	SAMPLE DATE ----->	10/20/95		10/20/95		10/20/95		10/20/95		10/24/95		10/20/95	
	DATE EXTRACTED -->	10/23/95		10/23/95		10/23/95		10/23/95		10/25/95		10/23/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95		10/27/95		10/25/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL
72-54-8	4,4'-DDD	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
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
12674-11-2	Aroclor-1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11104-28-2	Aroclor-1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11141-16-5	Aroclor-1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53469-21-9	Aroclor-1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
12672-29-6	Aroclor-1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11097-69-1	Aroclor-1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
11096-82-5	Aroclor-1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
33213-65-9	Endosulfan II	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
72-20-8	Endrin	0.1	U	0.013	J	0.026	J	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
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
76-44-8	Heptachlor	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
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
8001-35-2	Toxaphene	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.013	J	0.05	U	0.014	J	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
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

PEST									
	SAMPLE ID ------->	036-W-OPS1-02		036-W-IWTP-01					
	ORIGINAL ID ----->	036WOPS102		036WIWTP01					
	LAB SAMPLE ID --->	S555887*6		S555926*2					
	ID FROM REPORT -->	036WOPS102		036WIWTP01					
	SAMPLE DATE ----->	10/20/95		10/24/95					
	DATE EXTRACTED -->	10/23/95		10/25/95					
	DATE ANALYZED --->	10/25/95		10/27/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	PEN03	VAL	PEN03	VAL				
72-54-8	4,4'-DDD	0.1	U	0.1	U				
72-55-9	4,4'-DDE	0.1	U	0.1	U				
50-29-3	4,4'-DDT	0.1	U	0.1	U				
309-00-2	Aldrin	0.05	U	0.05	U				
12674-11-2	Aroclor-1016	0.5	U	0.5	U				
11104-28-2	Aroclor-1221	0.5	U	0.5	U				
11141-16-5	Aroclor-1232	0.5	U	0.5	U				
53469-21-9	Aroclor-1242	0.5	U	0.5	U				
12672-29-6	Aroclor-1248	0.5	U	0.5	U				
11097-69-1	Aroclor-1254	0.5	U	0.5	U				
11096-82-5	Aroclor-1260	0.5	U	0.5	U				
60-57-1	Dieldrin	0.1	U	0.1	U				
959-98-8	Endosulfan I	0.05	U	0.05	U				
33213-65-9	Endosulfan II	0.1	U	0.1	U				
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U				
72-20-8	Endrin	0.1	U	0.1	U				
7421-93-4	Endrin aldehyde	0.1	U	0.1	U				
53494-70-5	Endrin ketone	0.1	U	0.1	U				
76-44-8	Heptachlor	0.05	U	0.05	U				
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U				
72-43-5	Methoxychlor	0.5	U	0.5	U				
8001-35-2	Toxaphene	3.	U	3.	U				
319-84-6	alpha-BHC	0.05	U	0.0051	J				
5103-71-9	alpha-Chlordane	0.05	U	0.05	U				
319-85-7	beta-BHC	0.05	U	0.05	U				
319-86-8	delta-BHC	0.05	U	0.05	U				
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U				
5103-74-2	gamma-Chlordane	0.05	U	0.05	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

SVOA													
	SAMPLE ID ------->	036-W-0A10-01		036-W-0A10-02		036-W-0A10-03		036-W-0A10-04		036-W-0P52-01 RE		036-W-0PS1-01	
	ORIGINAL ID ----->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	LAB SAMPLE ID --->	S555887*1		S555887*2		S555887*3		S555887*4		S555926*5		S555887*5	
	ID FROM REPORT -->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	SAMPLE DATE ----->	10/20/95		10/20/95		10/20/95		10/20/95		10/24/95		10/20/95	
	DATE EXTRACTED -->	10/23/95		10/23/95		10/23/95		10/23/95		10/31/95		10/23/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		11/03/95		10/24/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	59.		31.		35.		27.		10.	U	10.	J
541-73-1	1,3-Dichlorobenzene	5.2	J	2.6	J	2.9	J	2.4	J	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	14.		6.6	J	7.2	J	5.9	J	10.	U	10.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
95-95-4	2,4,5-Trichlorophenol	4.	U	4.	U	4.	U	4.	U	4.	U	4.	UR
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
120-83-2	2,4-Dichlorophenol	4.	U	4.	U	4.	U	4.	U	4.	U	4.	UR
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	25.	UJ	25.	UR
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
91-57-6	2-Methylnaphthalene	0.55	J	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
88-74-4	2-Nitroaniline	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
91-94-1	3,3'-Dichlorobenzidine	14.	U	14.	U	14.	U	14.	U	14.	U	14.	UJ
9999900-32-2	3-Methylphenol/4-Methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
99-09-2	3-Nitroaniline	25.	U	25.	U	25.	U	25.	U	25.	U	25.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	U	25.	U	25.	U	25.	UR
101-55-3	4-Bromophenyl-phenylether	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.	UR
106-47-8	4-Chloroaniline	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.	UJ	10.	U
100-01-6	4-Nitroaniline	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
100-02-7	4-Nitrophenol	15.	U	15.	U	15.	U	15.	U	15.	U	15.	UR
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
56-55-3	Benzo(a)anthracene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
50-32-8	Benzo(a)pyrene	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U
205-99-2	Benzo(b)fluoranthene	4.	U	4.	U	4.	U	4.	U	4.	UJ	4.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	4.	U	4.	U	4.	U	4.	U	4.	UJ	4.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

SVOA													
	SAMPLE ID ------->	036-W-0A10-01		036-W-0A10-02		036-W-0A10-03		036-W-0A10-04		036-W-0P52-01 RE		036-W-0PS1-01	
	ORIGINAL ID ----->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	LAB SAMPLE ID --->	S555887*1		S555887*2		S555887*3		S555887*4		S555926*5		S555887*5	
	ID FROM REPORT -->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	SAMPLE DATE ----->	10/20/95		10/20/95		10/20/95		10/20/95		10/24/95		10/20/95	
	DATE EXTRACTED -->	10/23/95		10/23/95		10/23/95		10/23/95		10/31/95		10/23/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		11/03/95		10/24/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL
85-68-7	Butylbenzylphthalate	1.2	J	1.1	J	1.	J	1.	J	10.	U	0.72	J
86-74-8	Carbazole	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
218-01-9	Chrysene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
132-64-9	Dibenzofuran	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
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
122-39-4	Diphenylamine	7.	U	7.	U	7.	U	7.	U	7.	U	7.	U
91-20-3	Naphthalene	2.6	J	1.1	J	1.1	J	0.89	J	6.8	U	6.8	U
98-95-3	Nitrobenzene	9.5	U	9.5	U	9.5	U	9.5	U	9.5	U	9.5	U
87-86-5	Pentachlorophenol	1.	U	1.	U	1.	U	1.	U	1.	UJ	1.	UR
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
129-00-0	Pyrene	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
111-44-4	bis(2-Chloroethyl)ether	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	J	4.7	J	4.6	J	4.7	J	10.	U	4.1	J

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

SVOA								
	SAMPLE ID ------->	036-W-OPS1-02		036-W-IWTP-01				
	ORIGINAL ID ----->	036WOPS102		036WIWTP01				
	LAB SAMPLE ID --->	S555887*6		S555926*2				
	ID FROM REPORT -->	036WOPS102		036WIWTP01				
	SAMPLE DATE ----->	10/20/95		10/24/95				
	DATE EXTRACTED -->	10/23/95		10/25/95				
	DATE ANALYZED --->	10/24/95		10/27/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	PEN03	VAL	PEN03	VAL			
120-82-1	1,2,4-Trichlorobenzene	10.	U	0.2	J			
95-50-1	1,2-Dichlorobenzene	13.		12.				
541-73-1	1,3-Dichlorobenzene	10.	U	2.3	J			
106-46-7	1,4-Dichlorobenzene	10.	U	3.9	J			
39638-32-9	Bis(2-Chloroisopropyl)Ether	7.5	U	7.5	U			
95-95-4	2,4,5-Trichlorophenol	4.	UR	4.	U			
88-06-2	2,4,6-Trichlorophenol	10.	UR	10.	U			
120-83-2	2,4-Dichlorophenol	4.	UR	4.	U			
105-67-9	2,4-Dimethylphenol	10.	UR	10.	U			
51-28-5	2,4-Dinitrophenol	25.	UR	25.	U			
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U			
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U			
91-58-7	2-Chloronaphthalene	10.	U	10.	U			
95-57-8	2-Chlorophenol	10.	UR	10.	U			
91-57-6	2-Methylnaphthalene	10.	U	0.44	J			
95-48-7	2-Methylphenol (o-Cresol)	10.	UR	10.	U			
88-74-4	2-Nitroaniline	7.5	U	7.5	U			
88-75-5	2-Nitrophenol	10.	UR	10.	U			
91-94-1	3,3'-Dichlorobenzidine	14.	UJ	14.	UJ			
9999900-32-2	3-Methylphenol/4-Methylphenol	10.	UR	10.	U			
99-09-2	3-Nitroaniline	25.	UJ	25.	UJ			
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	UR	25.	U			
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U			
59-50-7	4-Chloro-3-methylphenol	10.	UR	10.	U			
106-47-8	4-Chloroaniline	10.	U	10.	U			
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U			
100-01-6	4-Nitroaniline	25.	U	25.	U			
100-02-7	4-Nitrophenol	15.	UR	15.	U			
83-32-9	Acenaphthene	10.	U	10.	U			
208-96-8	Acenaphthylene	10.	U	10.	U			
120-12-7	Anthracene	10.	U	10.	U			
56-55-3	Benzo(a)anthracene	4.	U	4.	U			
50-32-8	Benzo(a)pyrene	0.59	U	0.59	U			
205-99-2	Benzo(b)fluoranthene	4.	U	4.	U			
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U			
207-08-9	Benzo(k)fluoranthene	4.	U	4.	U			

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

SVOA									
	SAMPLE ID ------->	036-W-OPS1-02		036-W-IWTP-01					
	ORIGINAL ID ----->	036WOPS102		036WIWTP01					
	LAB SAMPLE ID --->	S555887*6		S555926*2					
	ID FROM REPORT -->	036WOPS102		036WIWTP01					
	SAMPLE DATE ----->	10/20/95		10/24/95					
	DATE EXTRACTED -->	10/23/95		10/25/95					
	DATE ANALYZED --->	10/24/95		10/27/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	PEN03	VAL	PEN03	VAL				
85-68-7	Butylbenzylphthalate	10.	UJ	10.	UJ				
86-74-8	Carbazole	7.5	U	7.5	U				
218-01-9	Chrysene	5.	U	5.	U				
84-74-2	Di-n-butylphthalate	10.	U	10.	U				
117-84-0	Di-n-octyl phthalate	10.	U	10.	U				
53-70-3	Dibenz(a,h)anthracene	7.5	U	7.5	U				
132-64-9	Dibenzofuran	10.	U	10.	U				
84-66-2	Diethylphthalate	10.	U	10.	U				
131-11-3	Dimethyl phthalate	10.	U	10.	U				
206-44-0	Fluoranthene	10.	U	10.	U				
86-73-7	Fluorene	10.	U	10.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U				
87-68-3	Hexachlorobutadiene	10.	U	10.	U				
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U				
67-72-1	Hexachloroethane	10.	U	10.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	7.5	U	7.5	U				
78-59-1	Isophorone	10.	U	10.	U				
621-64-7	N-Nitroso-di-n-propylamine	4.	U	4.	U				
122-39-4	Diphenylamine	7.	U	7.	U				
91-20-3	Naphthalene	6.8	U	0.74	J				
98-95-3	Nitrobenzene	9.5	U	9.5	U				
87-86-5	Pentachlorophenol	1.	UR	1.	U				
85-01-8	Phenanthrene	10.	U	10.	U				
108-95-2	Phenol	10.	UR	10.	U				
129-00-0	Pyrene	10.	U	10.	U				
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U				
111-44-4	bis(2-Chloroethyl)ether	1.5	UJ	1.5	UJ				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	UJ	10.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

VOA													
	SAMPLE ID ------->	036-W-0A10-01		036-W-0A10-02		036-W-0A10-03		036-W-0A10-04		036-W-0P52-01		036-W-0PS1-01	
	ORIGINAL ID ----->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	LAB SAMPLE ID --->	S555887*1		S555887*2		S555887*3		S555887*4		S555926*1		S555887*5	
	ID FROM REPORT -->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	SAMPLE DATE ----->	10/20/95		10/20/95		10/20/95		10/20/95		10/24/95		10/20/95	
	DATE ANALYZED --->	10/23/95		10/23/95		10/23/95		10/23/95		10/26/95		10/24/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL
71-55-6	1,1,1-Trichloroethane	100.	D	61.	D	64.	D	67.	D	1.	U	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	U	1.	
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-34-3	1,1-Dichloroethane	9.		4.	J	3.		4.	J	1.	U	1.	U
75-35-4	1,1-Dichloroethene	1.		0.4	J	0.2	J	0.9	J	1.	U	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	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	1.	U
95-50-1	1,2-Dichlorobenzene	130.	D	55.	D	49.	D	51.	D	1.	U	1.	U
107-06-2	1,2-Dichloroethane	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
541-73-1	1,3-Dichlorobenzene	8.		4.	J	3.		3.	J	1.	U	1.	U
106-46-7	1,4-Dichlorobenzene	18.		10.	J	8.		8.	J	1.	U	1.	U
78-93-3	2-Butanone (MEK)	5.	U	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	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	16.	UR	10.	UR	12.	UR	34.	DJ	22.	UR	7.	J
71-43-2	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
74-97-5	Chlorobromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-27-4	Bromodichloromethane	2.		2.	J	1.		1.	J	1.	U	1.	
75-25-2	Bromoform	0.9	J	0.7	J	1.		1.	J	0.5	J	0.7	J
74-83-9	Bromomethane	1.	U	1.	U	1.	U	1.	U	1.	UJ	1.	UJ
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
56-23-5	Carbon tetrachloride	1.	UJ	1.	UJ	1.	UJ	1.	UJ	1.	U	1.	UJ
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-00-3	Chloroethane	1.		0.7	J	0.7	J	0.6	J	1.	U	1.	U
67-66-3	Chloroform	2.		1.	J	1.		1.	J	1.	U	1.	
74-87-3	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
124-48-1	Dibromochloromethane	2.		2.	J	2.		2.	J	1.		2.	
100-41-4	Ethylbenzene	6.		1.	U	1.	U	1.	U	1.	U	1.	U
75-09-2	Methylene chloride	2.		0.9	J	2.	U	8.	J	2.	U	2.	U
100-42-5	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
127-18-4	Tetrachloroethene	19.		11.	J	7.		8.	J	1.	U	1.	U
108-88-3	Toluene	42.	D	3.	J	1.	U	1.	J	1.	U	1.	U
79-01-6	Trichloroethene	25.		12.	J	8.		9.	J	1.	U	1.	U
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
1330-20-7	Xylene (Total)	0.3	J	1.	U	1.	U	1.	U	1.	U	1.	U
156-59-2	cis-1,2-Dichloroethene	9.		4.	J	3.		4.	J	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

VOA													
	SAMPLE ID ------->	036-W-0A10-01		036-W-0A10-02		036-W-0A10-03		036-W-0A10-04		036-W-0P52-01		036-W-0PS1-01	
	ORIGINAL ID ----->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	LAB SAMPLE ID --->	S555887*1		S555887*2		S555887*3		S555887*4		S555926*1		S555887*5	
	ID FROM REPORT -->	036W0A1001		036W0A1002		036W0A1003		036W0A1004		036W0P5201		036W0PS101	
	SAMPLE DATE ----->	10/20/95		10/20/95		10/20/95		10/20/95		10/24/95		10/20/95	
	DATE ANALYZED --->	10/23/95		10/23/95		10/23/95		10/23/95		10/26/95		10/24/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL	PEN03	VAL
10061-01-5	cis-1,3-Dichloropropene	1.	UJ	1.	UJ	1.	UJ	1.	UJ	1.	U	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	UJ	1.	UJ	1.	UJ	1.	UJ	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

VOA									
	SAMPLE ID ------->	036-W-OPS1-02		036-W-IWTP-01					
	ORIGINAL ID ----->	036WOPS102		036WIWTP01					
	LAB SAMPLE ID --->	S555887*6		S555926*2					
	ID FROM REPORT -->	036WOPS102		036WIWTP01					
	SAMPLE DATE ----->	10/20/95		10/24/95					
	DATE ANALYZED --->	10/23/95		11/01/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	PEN03	VAL	PEN03	VAL				
71-55-6	1,1,1-Trichloroethane	1.	U	0.7	J				
79-34-5	1,1,2,2-Tetrachloroethane	0.2	UJ	0.2	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U				
75-34-3	1,1-Dichloroethane	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U				
106-93-4	1,2-Dibromoethane	1.	U	1.	U				
95-50-1	1,2-Dichlorobenzene	1.	U	23.					
107-06-2	1,2-Dichloroethane	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U	5.					
106-46-7	1,4-Dichlorobenzene	1.	U	7.					
78-93-3	2-Butanone (MEK)	5.	U	5.	UR				
591-78-6	2-Hexanone	5.	U	5.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U				
67-64-1	Acetone	15.	UR	5.	UR				
71-43-2	Benzene	1.	U	1.	U				
74-97-5	Chlorobromomethane	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.		1.					
75-25-2	Bromoform	0.9	J	1.	U				
74-83-9	Bromomethane	1.	U	1.	U				
75-15-0	Carbon disulfide	1.	U	1.	U				
56-23-5	Carbon tetrachloride	1.	UJ	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U				
67-66-3	Chloroform	0.8	J	0.5	J				
74-87-3	Chloromethane	1.	U	1.	U				
124-48-1	Dibromochloromethane	2.		2.					
100-41-4	Ethylbenzene	1.	U	1.	U				
75-09-2	Methylene chloride	2.	U	2.	U				
100-42-5	Styrene	1.	U	1.	U				
127-18-4	Tetrachloroethene	1.	U	1.	U				
108-88-3	Toluene	1.	U	0.3	J				
79-01-6	Trichloroethene	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U				
1330-20-7	Xylene (Total)	1.	U	1.	U				
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 36
PENSACOLA, SITE 36, INDUSTRIAL LINE
FLUSHING RESULTS

VOA								
	SAMPLE ID ------->	036-W-OPS1-02		036-W-IWTP-01				
	ORIGINAL ID ----->	036WOPS102		036WIWTP01				
	LAB SAMPLE ID --->	S555887*6		S555926*2				
	ID FROM REPORT -->	036WOPS102		036WIWTP01				
	SAMPLE DATE ----->	10/20/95		10/24/95				
	DATE ANALYZED --->	10/23/95		11/01/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	PEN03	VAL	PEN03	VAL			
10061-01-5	cis-1,3-Dichloropropene	1.	UJ	1.	U			
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U			
10061-02-6	trans-1,3-Dichloropropene	1.	UJ	1.	U			

*** Validation Complete ***