N61165.AR.004463
CNC CHARLESTON
5090.3a

SAMPLING AND ANALYSIS PLAN AREA OF CONCERN 725 (AOC 725) ZONE E CNC CHARLESTON SC

11/1/2005

CH2M HILL

Zone E AOC 725, Facility 97 Sampling + Analysis Report

Sampling and Analysis Report

Area of Concern 725, Facility 97, Zone E

Charleston Naval Complex
North Charleston, SC

Prepared for

U.S. Navy Southern Division
Naval Facilities Engineering Command

Prepared by

CH2M-Jones

November 2005

Contract N62467-99-C-0960

Certification Page for the Sampling and Analysis Plan Report (Revision 0) — AOC 725, Facility 97, Zone E

I, Dean Williamson, certify that this report has been prepared under my direct supervision. The data and information are, to the best of my knowledge, accurate and correct, and the report has been prepared in accordance with current standards of practice for engineering.

South Carolina

P.E. No. 21428

Dean Williamson, P.E.

11/1/05

Date

Contents

Section **Page**

Acronyms and Abbreviations ..... **iv**

1.0 Introduction **1-1**

1.1 Background 1-1

1.2 Organization of the Sampling and Analysis Report 1-1

Figure 1-1 Location of Zone E and AOC 725 within the CNC 1-3

Figure 1-2 Sampling Locations at AOC 725 1-4

2.0 Sampling and Analysis **2-1**

2.1 Groundwater Sampling 2-1

2.2 Sampling and Analysis Plan 2-1

2.3 Health and Safety 2-2

2.4 Site Clearance 2-2

2.5 Waste Management and Disposal 2-2

2.6 Equipment Decontamination 2-2

Table 2.1 Analytical Summary for Sampling Activities 2-3

3.0 Results and Recommendations **3-1**

3.1 Groundwater DPT Sampling Results 3-1

3.2 Recommendations 3-1

4.0 References **4-1**

Appendixes

A DPT Groundwater Sample Logs

B Analytical Results

Acronyms and Abbreviations

AOC	Area of concern
CNC	Charleston Naval Complex
CSAP	Comprehensive Sampling and Analysis Plan
DPT	Direct push technology
EnSafe	EnSafe Inc.
EPA	U.S. Environmental Protection Agency
ft bls	Feet below land surface
PPE	Personal protective equipment
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SAP	Sampling and Analysis Plan
SAR	Sampling and Analysis Report
SCDHEC	South Carolina Department of Health and Environmental Control
SVOC	Semivolatile organic compound
VOC	Volatile organic compound

1.0 Introduction

This Sampling and Analysis Report (SAR) has been developed for Area of Concern (AOC) 725 at Facility 97 in Zone E of the Charleston Naval Complex (CNC). The report presents the results of groundwater direct push technology (DPT) sampling around Facility 97. The investigation methodology and results are discussed in this report, along with recommendations for the site.

1.1 Background

Facility 97 is a former compressor building that provided compressed air to the industrial areas in Zones E and F. The compressors were electrically powered, and no releases of hazardous chemicals were known to have occurred at the facility.

Previous investigations of Zone E, summarized in the *Zone E RFI Report, Revision 0* (EnSafe Inc [EnSafe], 1997), did not identify Facility 97 as an AOC. Based on discussions between the CNC Base Realignment and Closure (BRAC) Cleanup Team members and a site inspection in January 2005, the area around Facility 97 was identified as AOC 725.

Once an investigation approach was agreed upon, a Sampling and Analysis Plan (SAP) was developed and submitted to the South Carolina Department of Health and Environmental Control (SCDHEC) in January 2005. The approach is similar to the one previously used to investigate groundwater at Facility 89.

Figure 1-1 illustrates the location of Zone E within the CNC. Figure 1-2 is an aerial photograph of AOC 725 and the surrounding area, with the groundwater sampling locations superimposed on the photo.

1.2 Organization of the Sampling and Analysis Report

This SAR consists of the following sections, including this introductory section:

1.0 Introduction — Presents the purpose of the SAR and background information on the site.

2.0 Sampling and Analysis — Provides a description of the groundwater sampling methodologies and equipment used, as wells as the analytical methods.

3.0 Results and Recommendations — Presents the results of chemical analyses of the groundwater samples and recommendations for further actions at the site.

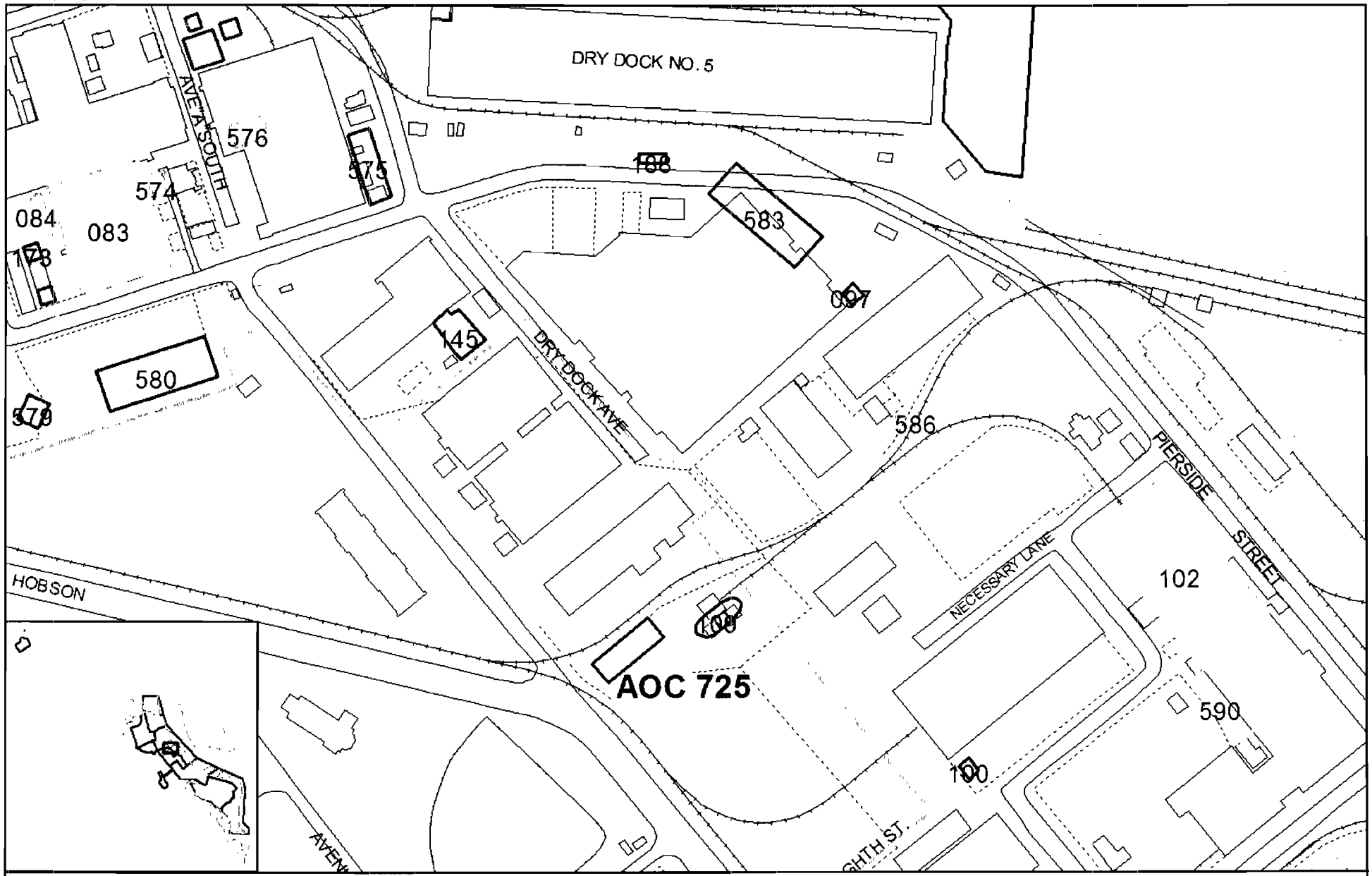
4.0 References —Lists the references used in this document.

Appendix A contains copies of the DPT groundwater sample logs.

Appendix B contains the analytical results of the DPT sampling.

All tables and figures appear at the end of their respective sections.

NOTE Original figure created in color



Fence
Railroads
Roads - Lines
Text Roads - Text
Shoreline
Active
NFA
NFI
Buildings
Surrounding Area
Zone Boundary

N

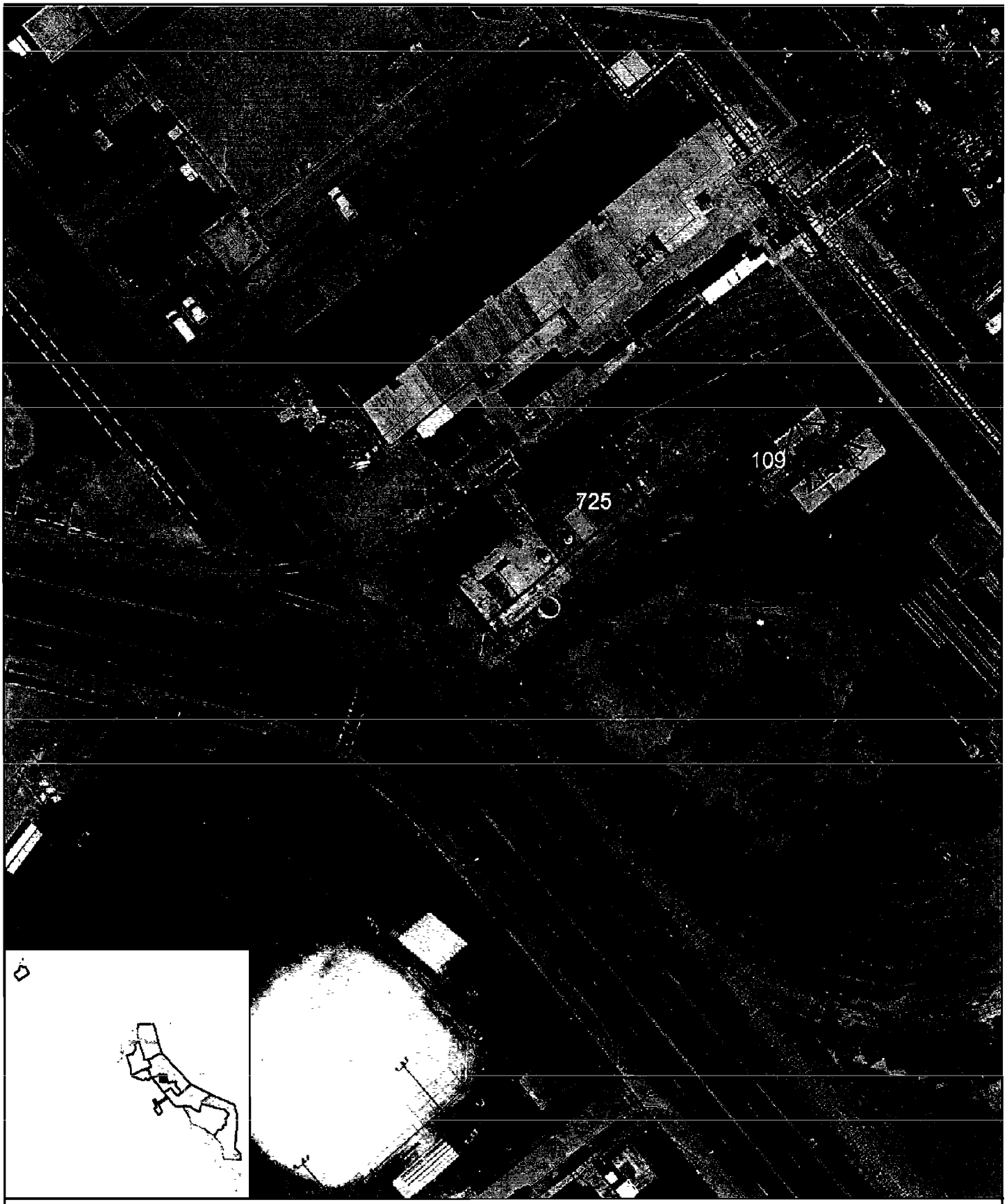
0 100 200 Feet

1 inch = 174.032 feet

Figure 1-1
AOC 725 Location
Zone E
Charleston Naval Complex

File Path: c:\f5gis\charlsnc\e-gis.apr Date: 15 Oct 2005 16:38 User: WELLIOTT Figure 1-1 AOC 725 Location

NOTE Aerial Photo Date is 1997
NOTE Original figure created in color



Fence
Railroads
Roads - Lines
Active
NFA
NFI
Buildings
Zone Boundary

N

0 60 120 Feet

1 inch = 72 3372 feet

Figure 1-2
Sampling Locations at AOC 725
Zone E
Charl ston Naval Complex

File Path: o:\fig s\ch\ch\ch-egis.aprx, Date: 17 Oct 2005 17:13, User: WEJJCTT, - Figure 1-2 Sampling Locations at AOC 725

2.0 Sampling and Analysis

2.1 Groundwater Sampling

A series of four groundwater DPT samples were collected from the north, south, east, and west sides of Building 97, as shown on Figure 1-2. The sampling locations were those proposed in the SAP, adjusted slightly to avoid underground utilities. A well installation request was submitted to SCDHEC for installation of these points.

The typical depth to groundwater in the vicinity of Facility 97 is approximately 4 to 5 feet below land surface (ft bls). A Geoprobe DPT rig was used to advance a stainless steel groundwater sampling screen to a position approximately 10 ft bls for sample collection. Upon reaching the desired depth, the cover was retracted from the screen, clean Teflon sampling tubing was inserted to the screen bottom, and a peristaltic pump was used to purge the screen and collect the groundwater samples.

Groundwater samples were transported to a fixed-based laboratory for chemical analyses for volatile organic compounds (VOCs) by EPA Method 8260b and semivolatile organic compounds (SVOCs) by EPA Method 8270c (see Table 2-1). For field quality control purposes, a field duplicate sample was collected for analysis. After groundwater samples were collected at each location, the DPT boring was abandoned by grouting in accordance with SCDHEC requirements.

Appendix A contains copies of the DPT groundwater sample logs.

2.2 Sampling and Analysis Plan

In general, the groundwater investigative work was performed in accordance with the SAP for AOC 725 (CH2M-Jones, 2005) and the Comprehensive Sampling and Analysis Plan (CSAP) portion of the *Final Zone E RFI Work Plan, Revision 1* (EnSafe/Allen & Hoshall, 1995). The CSAP outlines the procedures to be used to characterize the environmental setting, contaminant sources, and releases of hazardous constituents.

The CSAP also includes a Quality Assurance Plan (QAP) and Data Management Plan (DMP) to verify that all information and data collected are valid and properly documented. The sampling strategy and field procedures also comply with the requirements of the U.S.

Environmental Protection Agency (EPA) *Environmental Services Division Standard Operating Procedures and Quality Assurance Manual* (ESDSOPQAM, 1996).

2.3 Health and Safety

CH2M-Jones places significant emphasis on the health and safety of our personnel, our subcontractors, and the local community. As part of the mobilization phase of the SAP, project briefings and health and safety orientation meetings were held for field team members and subcontractors. Work completed as part of this SAP was performed in accordance with the *CH2M-Jones Site-Specific Health and Safety Plan* (CH2M-Jones, 2000).

Personnel working at the site were required to comply with Level D personal protective equipment (PPE) requirements, as specified in the Health and Safety Plan.

2.4 Site Clearance

The proposed DPT boring locations were marked in the field using coordinates derived from the CNC Environmental Geographic Information System (EGIS) tool and utilizing Global Positioning System (GPS) equipment. To prepare for the start of onsite operations, CH2M-Jones notified the necessary agencies and departments regarding planned activities at the project site. The site was inspected for existing water, electrical, natural gas, telephone, and other utility lines that are potential hazards at the site. Utilities were clearly marked and identified prior to drilling.

2.5 Waste Management and Disposal

Three waste streams were generated as part of this SAP: purged groundwater, sampling/decontamination wastes, and used PPE. Purge water was drummed and characterized in accordance with South Carolina Hazardous Waste Management Regulations (SCDHEC R.61-79.261) and disposed of in accordance with all applicable regulations and permits. Decontamination wastes and used PPE were also disposed of in accordance with applicable regulations.

2.6 Equipment Decontamination

Decontamination of personnel, sampling and removal equipment, and materials was conducted in accordance with the *CH2M-Jones Site-Specific Project Health and Safety Plan*.

TABLE 2-1
Analytical Summary for Sampling Activities
Sampling and Analysis Report, AOC 725, Facility 97, Zone E, Charleston Naval Complex

Constituents	Media	Number of Sample Points	Analytes	Analytical Methods
Organic compounds	Groundwater	4 native groundwater 1 field duplicate	VOCs and SVOCs	EPA 8260b, EPA 8270c

3.0 Results and Recommendations

3.1 Groundwater DPT Sampling Results

The analytical results for the four groundwater DPT samples and the field duplicate collected from the perimeter of Facility 97 at AOC 725 are present in Appendix B. The samples were analyzed by General Engineering Laboratories, Inc. (GEL), in accordance with prescribed methods.

None of the target VOCs or SVOCs analyzed for were detected in the groundwater samples. Furthermore, the analytical results were non-detect for all parameters in the field duplicate sample.

3.2 Recommendations

Because no previous releases were documented and the results of the groundwater sampling on all sides of the building are below detection limits for all analytes, no further action (NFA) status is recommended for AOC 725.

4.0 References

CH2M-Jones. Technical Memorandum: *Sampling and Analysis Plan, AOC 725, Zone E, Charleston Naval Complex*. January 2005.

CH2M-Jones. *CH2M-Jones Site-Specific Health and Safety Plan*. 2000.

EnSafe Inc. *Zone E RFI Report, Revision 0, NAVBASE Charleston*. November 1997.

EnSafe Inc./Allen & Hoshall. *Final Zone E RFI Work Plan, Naval Base Charleston. Revision 1.* June 1995.

U.S. Environmental Protection Agency (EPA). *Environmental Services Division Standard Operating Procedures and Quality Assurance Manual (ESDSOPQAM)*. 1996.

APPENDIX A

DPT Groundwater Sample Logs

CH2MHILL

PROJECT NUMBER: 258814	DPT NUMBER: E725GP001	page 1 of 1

DPT GROUNDWATER SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC **LOCATION :** SWMU 198 **NORTHING:** 374877.1

ELEVATION : 9.81 **DRILLING CONTRACTOR :** Prosonic Drilling Corp. **License #**1435 **EASTING:** 2318206 8

DRILLING METHOD AND EQUIPMENT USED : Direct-Push Technology, Geoprobe

START : 5/10/05 / 1400 **END:** 5/10/05 / 1410 **LOGGER :** Darryl Gates

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS TESTS, INSTRUMENTATION ABANDONMENT METHOD
5			
10	8.0 to 12.0	Not Applicable	Collected Groundwater Sample
15			Abandoned with neat cement by force injection
		End of Boring	
20			
25			
30			

CH2MHILL

PROJECT NUMBER: 258814	DPT NUMBER: E725GP002	

DPT GROUNDWATER SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC **LOCATION :** SWMU 198 **NORTHING:** 374933.1

ELEVATION : 8.92 **DRILLING CONTRACTOR :** Prosonic Drilling Corp. **License #**1435 **EASTING:** 231822.9

DRILLING METHOD AND EQUIPMENT USED : Direct-Push Technology, Geoprobe

START : 5/10/05 / 1450 **END:** 5/10/05 / 1505 **LOGGER :** Darryl Gates

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS: TESTS, INSTRUMENTATION ABANDONMENT METHOD
5			
10	8.0 to 12.0 ft	Not Applicable	Collected Groundwater Sample
15			Abandoned with neat cement by force injection
		End of Boring	
20			
25			
30			

CH2MHILL

PROJECT NUMBER: 258814	DPT NUMBER: E725GP003	page 1 of 1

DPT GROUNDWATER SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC **LOCATION :** SWMU 198 **NORTHING:** 374886.8

ELEVATION : 9.16 **DRILLING CONTRACTOR :** Prosonic Drilling Corp. **License #**1435 **EASTING:** 2318262.9

DRILLING METHOD AND EQUIPMENT USED : Direct-Push Technology, Geoprobe

START : 5/10/05 / 1655 **END:** 5/10/05 / 1750 **LOGGER :** Darryl Gates

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: TESTS, INSTRUMENTATION ABANDONMENT METHOD
5			
10	9.0 to 12.0'	Not Applicable	Collected Groundwater Sample
15			Abandoned with neat cement by force injection
		End of Boring	
20			
25			
30			

CH2MHILL

PROJECT NUMBER: 258814	DPT NUMBER: E725GP004	page 1 of 1

DPT GROUNDWATER SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC **LOCATION :** SWMU 198 **NORTHING:** 374970.0

ELEVATION : 9.40 **DRILLING CONTRACTOR :** Prosonic Drilling Corp. **License #**1435 **EASTING:** 2318324 3

DRILLING METHOD AND EQUIPMENT USED : Direct-Push Technology, Geoprobe

START : 5/10/05 / 1545 **END:** 5/10/05 / 1600 **LOGGER :** Darryl Gates

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS TESTS, INSTRUMENTATION ABANDONMENT METHOD
5			
10	9.1 to 12.0	Not Applicable	Collected Groundwater Sample
15			Abandoned with neat cement by force injection
		End of Boring	
20			
25			
30			

APPENDIX B

Analytical Results

Appendix B
Analytical Results
Sampling and Analysis Report, AOC 725, Facility 97, Zone E, Charleston Naval Complex

SampleID	SampleType	DateCollected	Paramname	AnaValue	Qualifier	Method	SDGNumber	ParamClass	Units	SiteID	LabID
725GP001	N	5/10/2005 14:10	Acenaphthene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Acenaphthylene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Anthracene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzyl Butyl Phthalate	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	bis(2-Chloroethoxy) Methane	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	bis(2-Chloroethyl) ether (2-Chloroethyl Ether)	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Bis(2-Chloroisopropyl)Ether	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	bis(2-Ethylhexyl) Phthalate	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	4-Bromophenyl Phenyl Ether	9.3	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzo(a)Anthracene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzoic acid	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzo(a)Pyrene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzo(b)Fluoranthene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzo(g,h,i)Perylene	9.3	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzo(k)Fluoranthene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Benzyl alcohol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	4-Chloro-3-methylphenol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Carbazole	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Chrysene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	4-Chloroaniline	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2-Chlorophenol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2-Chloronaphthalene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	4-Chlorophenyl Phenyl Ether	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Dibenz(a,h)anthracene	9.3	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Dibenzofuran	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	3,3'-Dichlorobenzidine	18.7	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	1,1-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	cis-1,2-Dichloroethylene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	trans-1,2-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	1,2-Dichloroethene (total)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2,4-Dichlorophenol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Diethyl Phthalate	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2,4-Dimethylphenol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Dimethyl Phthalate	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS

Appendix B
Analytical Results
Sampling and Analysis Report, AOC 725, Facility 97, Zone E, Charleston Naval Complex

725GP001	N	5/10/2005 14:10	4,6-Dinitro-2-methylphenol	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Di-n-butyl Phthalate	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Di-n-octylphthalate	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2,4-Dinitrophenol	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2,4-Dinitrotoluene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2,6-Dinitrotoluene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Diphenylamine	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Fluorene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Fluoranthene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Hexachlorobutadiene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Hexachlorocyclopentadiene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Hexachlorobenzene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Hexachloroethane	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Indeno(1,2,3-c,d)pyrene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Isophorone	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	3-Methylphenol/4-Methylphenol (mp-Cresol)	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2-Methylphenol (o-Cresol)	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2-Methylnaphthalene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Naphthalene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	N-Nitrosodi-n-propylamine	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2-Nitroaniline	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	3-Nitroaniline	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	4-Nitroaniline	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Nitrobenzene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2-Nitrophenol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	4-Nitrophenol	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Tetrachloroethylene (PCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Pentachlorophenol	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Phenanthrene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Phenol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Pyrene	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Trichloroethylene (TCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2,4,5-Trichlorophenol	46.7	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	2,4,6-Trichlorophenol	9.3	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP001	N	5/10/2005 14:10	Vinyl chloride	10	U	SW8260B	136336	VOA	ug/L	725	GELS

725GP002	N	5/10/2005 15:05	Acenaphthene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Acenaphthylene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Anthracene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzyl Butyl Phthalate	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	bis(2-Chloroethoxy) Methane	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	bis(2-Chloroethyl) ether (2-Chloroethyl Ether)	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Bis(2-Chloroisopropyl)Ether	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	bis(2-Ethylhexyl) Phthalate	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	4-Bromophenyl Phenyl Ether	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzo(a)Anthracene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzoic acid	47.6	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzo(a)Pyrene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzo(b)Fluoranthene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzo(g,h,i)Perylene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzo(k)Fluoranthene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Benzyl alcohol	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	4-Chloro-3-methylphenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Carbazole	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Chrysene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	4-Chloroaniline	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2-Chlorophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2-Chloronaphthalene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	4-Chlorophenyl Phenyl Ether	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Dibenz(a,h)anthracene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Dibenzofuran	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	3,3'-Dichlorobenzidine	19	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	1,1-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	cis-1,2-Dichloroethylene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	trans-1,2-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	1,2-Dichloroethene (total)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2,4-Dichlorophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Diethyl Phthalate	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2,4-Dimethylphenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Dimethyl Phthalate	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	4,6-Dinitro-2-methylphenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS

725GP002	N	5/10/2005 15:05	Di-n-butyl Phthalate	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Di-n-octylphthalate	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2,4-Dinitrophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2,4-Dinitrotoluene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2,6-Dinitrotoluene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Diphenylamine	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Fluorene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Fluoranthene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Hexachlorobutadiene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Hexachlorocyclopentadiene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Hexachlorobenzene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Hexachloroethane	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Indeno(1,2,3-c,d)pyrene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Isophorone	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	3-Methylphenol/4-Methylphenol (mp-Cresol)	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2-Methylphenol (o-Cresol)	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2-Methylnaphthalene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Naphthalene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	N-Nitrosodi-n-propylamine	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2-Nitroaniline	47.6	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	3-Nitroaniline	47.6	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	4-Nitroaniline	47.6	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Nitrobenzene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2-Nitrophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	4-Nitrophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Tetrachloroethylene (PCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Pentachlorophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Phenanthrene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Phenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Pyrene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Trichloroethylene (TCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2,4,5-Trichlorophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	2,4,6-Trichlorophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP002	N	5/10/2005 15:05	Vinyl chloride	10	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Acenaphthene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS

725GP003	N	5/10/2005 17:15	Acenaphthylene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Anthracene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzyl Butyl Phthalate	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	bis(2-Chloroethoxy) Methane	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	bis(2-Chloroethyl) ether (2-Chloroethyl Ether)	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Bis(2-Chloroisopropyl)Ether	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	bis(2-Ethylhexyl) Phthalate	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	4-Bromophenyl Phenyl Ether	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzo(a)Anthracene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzoic acid	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzo(a)Pyrene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzo(b)Fluoranthene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzo(g,h,i)Perylene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzo(k)Fluoranthene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Benzyl alcohol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	4-Chloro-3-methylphenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Carbazole	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Chrysene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	4-Chloroaniline	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2-Chlorophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2-Chloronaphthalene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	4-Chlorophenyl Phenyl Ether	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Dibenz(a,h)anthracene	9.5	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Dibenzofuran	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	3,3'-Dichlorobenzidine	19	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	1,1-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	cis-1,2-Dichloroethylene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	trans-1,2-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	1,2-Dichloroethene (total)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2,4-Dichlorophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Diethyl Phthalate	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2,4-Dimethylphenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Dimethyl Phthalate	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	4,6-Dinitro-2-methylphenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Di-n-butyl Phthalate	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS

725GP003	N	5/10/2005 17:15	Di-n-octylphthalate	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2,4-Dinitrophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2,4-Dinitrotoluene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2,6-Dinitrotoluene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Diphenylamine	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Fluorene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Fluoranthene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Hexachlorobutadiene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Hexachlorocyclopentadiene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Hexachlorobenzene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Hexachloroethane	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Indeno(1,2,3-c,d)pyrene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Isophorone	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	3-Methylphenol/4-Methylphenol (mp-Cresol)	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2-Methylphenol (o-Cresol)	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2-Methylnaphthalene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Naphthalene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	N-Nitrosodi-n-propylamine	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2-Nitroaniline	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	3-Nitroaniline	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	4-Nitroaniline	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Nitrobenzene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2-Nitrophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	4-Nitrophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Tetrachloroethylene (PCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Pentachlorophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Phenanthrene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Phenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Pyrene	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Trichloroethylene (TCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2,4,5-Trichlorophenol	47.6	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	2,4,6-Trichlorophenol	9.5	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP003	N	5/10/2005 17:15	Vinyl chloride	10	U	SW8260B	136336	VOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Acenaphthene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Acenaphthylene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS

725HP003	FD	5/10/2005 17:15	Anthracene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzyl Butyl Phthalate	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	bis(2-Chloroethoxy) Methane	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	bis(2-Chloroethyl) ether (2-Chloroethyl Ether)	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Bis(2-Chloroisopropyl)Ether	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	bis(2-Ethylhexyl) Phthalate	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	4-Bromophenyl Phenyl Ether	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzo(a)Anthracene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzoic acid	47.2	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzo(a)Pyrene	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzo(b)Fluoranthene	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzo(g,h,i)Perylene	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzo(k)Fluoranthene	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Benzyl alcohol	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	4-Chloro-3-methylphenol	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Carbazole	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Chrysene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	4-Chloroaniline	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2-Chlorophenol	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2-Chloronaphthalene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	4-Chlorophenyl Phenyl Ether	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Dibenz(a,h)anthracene	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Dibenzofuran	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	3,3'-Dichlorobenzidine	18.9	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	1,1-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	cis-1,2-Dichloroethylene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	trans-1,2-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	1,2-Dichloroethene (total)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2,4-Dichlorophenol	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Diethyl Phthalate	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2,4-Dimethylphenol	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Dimethyl Phthalate	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	4,6-Dinitro-2-methylphenol	47.2	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Di-n-butyl Phthalate	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Di-n-octylphthalate	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS

725HP003	FD	5/10/2005 17:15	2,4-Dinitrophenol	47.2	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2,4-Dinitrotoluene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2,6-Dinitrotoluene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Diphenylamine	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Fluorene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Fluoranthene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Hexachlorobutadiene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Hexachlorocyclopentadiene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Hexachlorobenzene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Hexachloroethane	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Indeno(1,2,3-c,d)pyrene	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Isophorone	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	3-Methylphenol/4-Methylphenol (mp-Cresol)	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2-Methylphenol (o-Cresol)	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2-Methylnaphthalene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Naphthalene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	N-Nitrosodi-n-propylamine	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2-Nitroaniline	47.2	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	3-Nitroaniline	47.2	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	4-Nitroaniline	47.2	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Nitrobenzene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2-Nitrophenol	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	4-Nitrophenol	47.2	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Tetrachloroethylene (PCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Pentachlorophenol	47.2	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Phenanthrene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Phenol	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Pyrene	9.4	U	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Trichloroethylene (TCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2,4,5-Trichlorophenol	47.2	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	2,4,6-Trichlorophenol	9.4	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725HP003	FD	5/10/2005 17:15	Vinyl chloride	10	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Acenaphthene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Acenaphthylene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Anthracene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS

Appendix B
Analytical Results
Sampling and Analysis Report, AOC 725, Facility 97, Zone E, Charleston Naval Complex

725GP004	N	5/10/2005 16:00	Benzyl Butyl Phthalate	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	bis(2-Chloroethoxy) Methane	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	bis(2-Chloroethyl) ether (2-Chloroethyl Ether)	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Bis(2-Chloroisopropyl)Ether	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	bis(2-Ethylhexyl) Phthalate	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	4-Bromophenyl Phenyl Ether	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Benzo(a)Anthracene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Benzoic acid	49	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Benzo(a)Pyrene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Benzo(b)Fluoranthene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Benzo(g,h,i)Perylene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Benzo(k)Fluoranthene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Benzyl alcohol	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	4-Chloro-3-methylphenol	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Carbazole	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Chrysene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	4-Chloroaniline	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2-Chlorophenol	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2-Chloronaphthalene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	4-Chlorophenyl Phenyl Ether	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Dibenz(a,h)anthracene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Dibenzofuran	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	3,3'-Dichlorobenzidine	19.6	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	1,1-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	cis-1,2-Dichloroethylene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	trans-1,2-Dichloroethene	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	1,2-Dichloroethene (total)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2,4-Dichlorophenol	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Diethyl Phthalate	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2,4-Dimethylphenol	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Dimethyl Phthalate	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	4,6-Dinitro-2-methylphenol	49	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Di-n-butyl Phthalate	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Di-n-octylphthalate	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2,4-Dinitrophenol	49	U	SW8270C	136336	SVOA	ug/L	725	GELS

725GP004	N	5/10/2005 16:00	2,4-Dinitrotoluene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2,6-Dinitrotoluene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Diphenylamine	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Fluorene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Fluoranthene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Hexachlorobutadiene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Hexachlorocyclopentadiene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Hexachlorobenzene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Hexachloroethane	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Indeno(1,2,3-c,d)pyrene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Isophorone	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	3-Methylphenol/4-Methylphenol (mp-Cresol)	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2-Methylphenol (o-Cresol)	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2-Methylnaphthalene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Naphthalene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	N-Nitrosodi-n-propylamine	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2-Nitroaniline	49	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	3-Nitroaniline	49	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	4-Nitroaniline	49	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Nitrobenzene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2-Nitrophenol	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	4-Nitrophenol	49	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Tetrachloroethylene (PCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Pentachlorophenol	49	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Phenanthrene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Phenol	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Pyrene	9.8	UJ	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Trichloroethylene (TCE)	5	U	SW8260B	136336	VOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2,4,5-Trichlorophenol	49	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	2,4,6-Trichlorophenol	9.8	U	SW8270C	136336	SVOA	ug/L	725	GELS
725GP004	N	5/10/2005 16:00	Vinyl chloride	10	U	SW8260B	136336	VOA	ug/L	725	GELS