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CONFIRMATORY SAMPLING INVESTIGATION REPORT FOR AREA OF CONCERN 726
(AOC 726) ZONE H CNC CHARLESTON SC
9/1/2006
CH2M JONES LLC

CONFIRMATORY SAMPLING INVESTIGATION REPORT



AOC 726, Zone H

CONFIRMATORY SAMPLING INVESTIGATION REPORT
AOC 726, Zone H



**Charleston Naval Complex
North Charleston, South Carolina**



SUBMITTED TO
**U.S. Navy Southern Division
Naval Facilities Engineering Command**

CH2M-Jones

PREPARED BY
CH2M-Jones

September 2006

September 2006

Contract N62467-99-C-0960



CH2MHILL

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September 12, 2006

Mr. David Scaturo
Corrective Action Engineering Section
South Carolina Department of Health and
Environmental Control
Bureau of Land and Waste Management
8901 Farrow Road
Columbia, SC 29203

Re: Confirmatory Sampling Investigation Report, AOC 726, Zone H

Dear Mr. Scaturo:

Enclosed please find two copies of the Confirmatory Sampling Investigation Report for AOC 726 in Zone H of the Charleston Naval Complex. This report has been prepared pursuant to agreements by the CNC BRAC Cleanup Team for completing the RCRA Corrective Action process.

Please contact me at 352/335-5877, ext. 52280, if you have any questions or comments.

Sincerely,

CH2M HILL

A handwritten signature in cursive script, reading "Dean Williamson". The signature is written in black ink and is positioned above a thin vertical red line.

Dean Williamson, P.E.

cc: Dann Spariosu/USEPA, w/att
Dudley Patrick/Navy, w/att
Gary Foster/CH2M HILL, w/att

CONFIRMATORY SAMPLING INVESTIGATION REPORT

AOC 726, Zone H



***Charleston Naval Complex
North Charleston, South Carolina***

SUBMITTED TO
***U.S. Navy Southern Division
Naval Facilities Engineering Command***

PREPARED BY
CH2M-Jones

September 2006

*Revision 0
Contract N62467-99-C-09602
258814.PM.13*

Certification Page for Confirmatory Sampling Investigation Report (Revision 0) – AOC 726, Zone H

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

South Carolina

Permit No. 21428

Dean Williamson, P.E.

Date

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1 **Acronyms and Abbreviations**

2	AOC	area of concern
3	AST	aboveground storage tank
4	BCT	BRAC Cleanup Team
5	BRAC	Base Realignment and Closure Act
6	CA	Corrective Action
7	CNC	Charleston Naval Complex
8	COPC	chemical of potential concern
9	CSI	Confirmatory Sampling Investigation
10	CSWP	Confirmatory Sampling Work Plan
11	DAF	dilution attenuation factor
12	DCE	dichloroethene
13	DPT	direct push technology
14	EPA	U.S. Environmental Protection Agency
15	ft bls	feet below land surface
16	HI	hazard index
17	MCL	maximum contaminant level
18	NAVBASE	Naval Base
19	OWS	oil/water separator
20	RBC	risk-based concentration
21	RCRA	Resource Conservation and Recovery Act
22	RFI	RCRA Facility Investigation
23	SCDHEC	South Carolina Department of Health and Environmental Control
24	SSL	soil screening level
25	UST	underground storage tank
26	VOC	volatile organic compound
27	Wyatt and Wyatt	Wyatt and Wyatt Construction Company

SECTION 1.0

Introduction

1 1.0 Introduction

2 In 1993, Naval Base (NAVBASE) Charleston was added to the list of bases scheduled for
3 closure as part of the Defense Base Realignment and Closure Act (BRAC), which regulates
4 closure and transition of property to the community. The Charleston Naval Complex (CNC)
5 was formed as a result of the dis-establishment of the Charleston Naval Shipyard and
6 NAVBASE on April 1, 1996.

7 Corrective Action (CA) activities are being conducted under the Resource Conservation and
8 Recovery Act (RCRA) with the South Carolina Department of Health and Environmental
9 Control (SCDHEC) as the lead agency for CA activities at the CNC. All RCRA CA activities
10 are performed in accordance with the Final Permit (Permit No. SC0 170 022 560). In April
11 2000, CH2M-Jones was awarded a contract to provide environmental investigation and
12 remediation services at the CNC.

13 On January 9, 2006, SCDHEC issued a letter to the Navy indicating that a new Area of
14 Concern (AOC) had been identified at the CNC. The new AOC was described as the
15 location at which workers from Wyatt and Wyatt Construction Company (Wyatt and
16 Wyatt) potentially encountered hazardous constituents while working on a construction
17 project. Subsequent to this letter, the new AOC was designated as AOC 726. A
18 Confirmatory Sampling Work Plan (CSWP) was prepared and submitted to SCDHEC for
19 review. SCDHEC approved the CSWP on June 8, 2006. The CSWP summarized available
20 information regarding soil and groundwater sampling activities conducted at AOC 726.

21 This report has been prepared by CH2M-Jones to present the results of the Confirmatory
22 Sampling Investigation (CSI) for AOC 726 in Zone H of the CNC.

23 1.1 Site Background

24 AOC 726 has been identified as the area where workers from Wyatt and Wyatt potentially
25 encountered hazardous constituents while working on a sewer line construction project.
26 Based on the available data, the location of AOC 726 is assumed to include the general route
27 of the new sewer line along Dyess Avenue, starting at the approximate location of the
28 intersection of Dyess Avenue and Holland Drive, extending up Dyess Avenue to Halsey
29 Street, then extending up Halsey Street to near its intersection with Hobson Avenue. **Figure**

1 **1-1** shows the general location of AOC 726 at the CNC. **Figure 1-2** shows an aerial
2 photograph of the site.

3 No specific site operations, facilities, or structures are known to be associated with AOC 726.
4 In addition, no underground storage tanks (USTs), aboveground storage tanks (ASTs),
5 boilers, septic systems, or oil/water separators (OWSs) are known to be associated with
6 AOC 726.

7 No wetlands are associated with this facility. The building lies within the 100-year
8 floodplain. The planned future land use for the area around AOC 726 is for port operations.

9 **1.2 Report Organization**

10 This CSI Report consists of the following sections, including this introductory section:

11 **1.0 Introduction** – Presents the purpose of the report and background information relating
12 to the CSI Report.

13 **2.0 Summary of AOC 726 CSI Results** – Presents results of soil and groundwater sampling
14 conducted at AOC 726 during the CSI.

15 **3.0 Recommendations** – Provides recommendations for proceeding with the RCRA CA
16 process.

17 **4.0 References** – Lists the references used in the preparation of this document.

18 **Appendix A** presents analytical data for the soil and groundwater sampling at AOC 726.

19 **Appendix B** contains data validation summaries.

20 **Appendix C** contains boring logs.

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

NOTE: Original figure created in color



Active

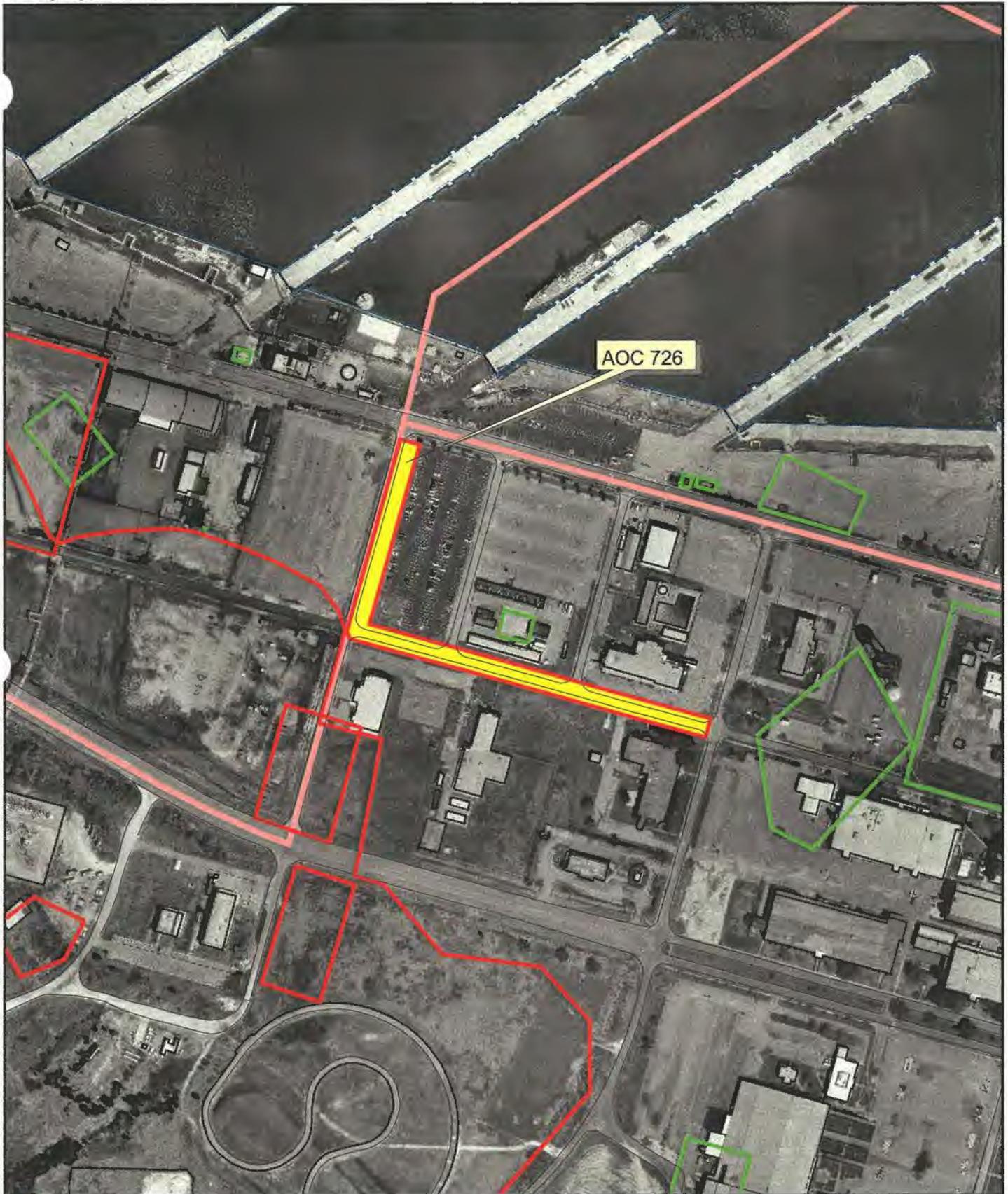


0 1000 2000 Feet

1 inch = 1571.11 feet

Figure 1-1
Location of AOC 726
Zone H
Charleston Naval Complex

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



AOC 726

 Active



0 300 600 Feet

1 inch = 339.472 feet

Figure 1-2
Aerial Photo of AOC 726
Zone H
Charleston Naval Complex

SECTION 2.0

Summary of AOC 726 CSI Results

2.0 Summary of AOC 726 CSI Results

Prior to initiating field work, the proposed sampling locations were cleared for utilities. Well installation requests were submitted to and approved by SCDHEC. Soil and groundwater samples were collected at locations as proposed in the CSWP using the methods and procedures referenced in the CSWP. Sampling was conducted on July 29 and 30, 2006. The only exceptions to the work plan were that groundwater samples for DRO analysis could not be collected from sample locations H726GP008 or H726GP009 due to low aquifer yield.

Summaries of detected chemicals are presented in this section. Detected chemicals are compared to screening values as previously agreed upon by the CNC Base Cleanup team (BCT). Complete analytical results for samples collected are presented in **Appendix A**. The data validation summary is provided in **Appendix B**.

2.1 Soil Sampling and Analysis

A surface soil (0 to 1 feet below land surface [ft bls]) and a subsurface soil (3 to 5 ft bls) sample were collected at each of three locations at ACO 726 as proposed in the CSWP. The soil sampling locations are shown in **Figure 2-1**. Soil samples were analyzed for volatile organic compounds (VOCs), diesel range organics (DRO) and gasoline range organics (GRO) in accordance with the CSWP.

2.1.1 Summary of Surface Soil Results

Chemicals detected in surface soil samples are presented in **Table 2-1** along with the CNC BCT screening criteria. For VOCs, the screening criteria are the U.S. Environmental Protection Agency (EPA) Region III Industrial risk-based concentrations (RBCs) (using a Hazard Index [HI] of 0.1 for non-carcinogens) and soil screening levels (SSLs) based on a dilution attenuation factor (DAF) of 1. Chemicals which exceeded the screening criteria are shown in bold in the table. Note that for some analyses, such as DRO and GRO, risk-based screening criteria are not available. Consequently, there are no comparative criteria for screening these data.

No chemicals were detected in surface soil above the EPA Region III RBCs. Two chemicals, 1,1-dichloroethene (1,1-DCE) and methylene chloride, were detected at concentrations above their respective SSLs in several samples.

1 **2.1.2 Summary of Subsurface Soil Results**

2 Chemicals detected in subsurface soil samples are presented in **Table 2-2** along with the
3 CNC BCT screening criteria. For VOCs, the screening criteria are SSLs based on a DAF of 1.
4 Chemicals which exceeded the screening criteria are shown in bold in the table.

5 Note that for some analyses, such as DRO and GRO, risk-based screening criteria are not
6 available. Consequently, there are no comparative criteria for screening these data.

7 Two chemicals, 1,1-DCE and methylene chloride, were detected at concentrations above
8 their respective SSLs in several samples.

9 **2.2 Groundwater Sampling**

10 Nine direct push technology (DPT) groundwater samples were collected at AOC 726 as
11 proposed in the CSWP. The groundwater sampling locations are shown in **Figure 2-2**.
12 Groundwater samples were analyzed for VOCs, DRO, and GRO.

13 Chemicals detected in groundwater samples are presented in **Table 2-3** with the CNC BCT
14 screening criteria. For VOCs, the screening criteria are EPA drinking water maximum
15 contaminant levels (MCLs), if one is available, and EPA Region III tap water RBCs if an
16 MCL is not available. Chemicals which exceeded the screening criteria are shown in bold.

17 Note that for some analyses, such as DRO and GRO, risk-based screening criteria are not
18 available. Consequently, there are no comparative criteria for screening these data.

19 No chemicals were detected above either their EPA drinking water MCL or tap water RBC.

TABLE 2-1

Chemicals Detected in Surface Soil Samples

Confirmatory Sampling Investigation Report, AOC 726, Zone H, Charleston Naval Complex

Chemical	Station ID	Sample ID	Result	Qualifier	EPA Region III Industrial RBC (HI = 0.1)	SSL (DAF=1)
1,1-DCE	H726SB001	726SB001_01	5.4	=	9,500	0.018
	H726SB002	726SB002_01	1	J		
	H726SB003	726SB003_01	2.4	J		
Carbon Disulfide	H726SB002	726SB002_01	1.5	J	200,000	950
DRO	H726SB001	726SB001_01	6,660	=	NA	NA
	H726SB002	726SB002_01	60,300	=		
	H726SB003	726SB003_01	15,400	=		
m+p Xylene	H726SB001	726SB001_01	0.26	J	4,100,000,000	13,000
Methylene Chloride	H726SB002	726SB002_01	2.6	J	760,000	0.95
	H726SB003	726SB003_01	2	J		
Xylenes, Total	H726SB001	726SB001_01	0.26	J	4,100,000,000	8,500

All values are presented in micrograms per kilogram (µg/kg). Results that exceed the SSL (DAF=1) are in **bold** and outlined within the table.

DCE dichloroethene
 DRO diesel range organics
 DAF dilution attenuation factor
 EPA U.S. Environmental Protection Agency
 HI hazard index
 ID identification
 NA not applicable
 RBC risk-based concentration
 SSL soil screening level

TABLE 2-2

Chemicals Detected in Subsurface Soil Samples

Confirmatory Sampling Investigation Report, AOC 726, Zone H, Charleston Naval Complex

Chemical Name	Station ID	Sample ID	Result	Qualifier	SSL (DAF=1)
1,1-DCE	H726SB001	726SB001_02	0.56	J	0.018
	H726SB002	726SB002_02	0.96	J	
	H726SB003	726SB003_02	0.4	J	
Carbon Disulfide	H726SB002	726SB002_02	5	J	950
DRO	H726SB001	726SB001_02	1,660	J	NA
	H726SB002	726SB002_02	8,900	=	
	H726SB003	726SB003_02	42,100	=	
Methylene Chloride	H726SB001	726SB001_02	4	J	0.95
	H726SB003	726SB003_02	2.4	J	
Toluene	H726SB002	726SB002_02	0.56	J	440

All values are presented in micrograms per kilogram ($\mu\text{g}/\text{kg}$). Results that exceed the SSL (DAF=1) are in **bold** and outlined within the table.

DCE dichloroethene
 DRO diesel range organics
 DAF dilution attenuation factor
 ID identification
 NA not applicable
 SSL soil screening level

*Urban gas
 can it be?*

TABLE 2-3
 Chemicals Detected in Groundwater Samples
 Confirmatory Sampling Investigation Report, AOC 726, Zone H, Charleston Naval Complex

Chemical Name	Station ID	Sample ID	Result	Qualifier	Drinking Water MCL	EPA Region III RBC (HI = 0.1)
Benzene	H726GP004	726GP004_15	0.34	J	5	
Carbon Disulfide	H726GP009	726GP009_15	2.6	J	NA	1,000
DRO	H726GP004	726GP004_15	240	=	NA	NA
	H726GP005	726GP005_15	150	=		
	H726GP006	726GP006_15	252	=		
Ethylbenzene	H726GP004	726GP004_15	0.92	J	700	
GRO	H726GP008	726GP008_15	212	=	NA	NA
	H726GP009	726GP009_15	29.2	J		
Methyl ethyl ketone (2-Butanone)	H726GP008	726GP008_15	2.9	J	NA	1,900
	H726GP009	726GP009_15	2.2	J		
Toluene	H726GP009	726GP009_15	10.9	=	1,000	

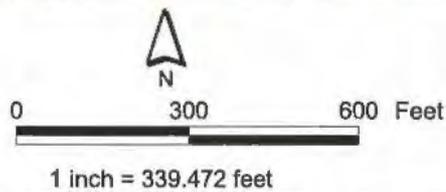
All values are presented in micrograms per liter (µg/L).

- DRO diesel range organics
- GRO gasoline range organics
- EPA U.S. Environmental Protection Agency
- HI hazard index
- ID identification
- MCL maximum contaminant level
- NA not applicable
- RBC risk-based concentration

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



Figure 2-1
Soil Sampling Locations
AOC 726 CSI
Charleston Naval Complex



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



0 300 600 Feet



1 inch = 339.472 feet

Figure 2-2
DPT Groundwater Sampling Locations
AOC 726 CSI
Charleston Naval Complex

SECTION 3.0

Conclusions

3.0 Conclusions

Soil and groundwater samples were collected at AOC 726 as proposed in the CSWP. The results of these samples indicate the following:

- No chemicals were detected in surface soil above their respective EPA RBCs. In both surface and subsurface soil, two chemicals (1,1-DCE and methylene chloride) were detected above their respective SSL (DAF=1). However, neither of these chemicals was detected in groundwater samples, including groundwater samples collected at the locations at which the SSL values were exceeded, indicating that groundwater has not been impacted by these chemicals.
- No chemicals were detected in groundwater above their EPA drinking water MCL or tap water RBC.
- Based on these results, no chemicals of potential concern (COPCs) were identified that need to be carried forward in the RCRA CA process.
- DRO and GRO were detected in soil and groundwater samples. However, petroleum releases are not addressed through the RCRA CA process.

Based on these results, no further investigation or action is warranted at AOC 726 under the RCRA CA process.

SECTION 4.0

References

1 4.0 References

- 2 CH2M-Jones. *Project Team Notebook and Instructions: Charleston Naval Complex, Environmental*
3 *Restoration Project*. Revision 1A. December 2001a.
- 4 U.S. Environmental Protection Agency. *Soil Screening Guidance: Technical Background*
5 *Document*. Office of Solid Waste and Emergency Response. May 1996.
- 6 U.S. Environmental Protection Agency, Region III. *Risk Based Concentration Table*. October 6,
7 2000.

APPENDIX A

Analytical Data Reports

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	ACE	Acetone	10 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	BZ	Benzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	BZME	Toluene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethene (total)	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCP13C	cis-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCP13T	trans-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	HXO2	2-Hexanone	10 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	10 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8015B	SW3510	PHCD	Diesel Range Organics	89.9 U		TPH	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	50 U		TPH	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	STY	Styrene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 U		VOA	ug/L	166309	GELS	726
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 U		VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726GP001_15	H726GP001	WG	N	29-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	ACE	Acetone	10 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	BZ	Benzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	BZME	Toluene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethene (total)	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DGP13C	cis-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DGP13T	trans-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	DGPA12	1,2-Dichloropropane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	HXO2	2-Hexanone	10 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	10 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8015B	SW3510	PHCD	Diesel Range Organics	87.8 U		TPH	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	50 U		TPH	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	STY	Styrene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 U		VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClas	Units	SDGNumber	LabID	SiteID
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 U		VOA	ug/L	166309	GELS	726
726GP002_15	H726GP002	WG	N	29-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	ACE	Acetone	10 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	BZ	Benzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	BZME	Toluene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethane (total)	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCP13C	cis-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCP13T	trans-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	HXO2	2-Hexanone	10 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	10 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8015B	SW3510	PHCD	Diesel Range Organics	101 U		TPH	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	50 U		TPH	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	STY	Styrene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 U		VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClas	Units	SDGNumber	LabID	SiteID
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3	U	VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2	U	VOA	ug/L	166309	GELS	726
726GP003_15	H726GP003	WG	N	29-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	ACE	Acetone	10	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	BZ	Benzene	0.34	J	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	BZME	Toluene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DBGME	Dibromochloromethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethene (total)	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCP13C	cis-1,3-Dichloropropene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCP13T	trans-1,3-Dichloropropene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	EB2	Ethylbenzene	0.92	J	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	HXO2	2-Hexanone	10	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	10	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8015B	SW3510	PHCD	Diesel Range Organics	240	=	TPH	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	50	U	TPH	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	STY	Styrene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	TBME	Bromoform	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1	U	VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5	U	VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 U		VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 U		VOA	ug/L	166309	GELS	726
726GP004_15	H726GP004	WG	N	29-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	ACE	Acetone	10 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	BZ	Benzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	BZME	Toluene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethene (total)	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCP13C	cis-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCP13T	trans-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	HXO2	2-Hexanone	10 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	10 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8015B	SW3510	PHCD	Diesel Range Organics	150 =		TPH	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	50 U		TPH	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	STY	Styrene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1 U		VOA	ug/L	166309	GELS	726

Appendix A
 Analytical Data Reports
 AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClas	Units	SDGNumber	LabID	SiteID
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 U		VOA	ug/L	166309	GELS	726
726GP005_15	H726GP005	WG	N	29-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	ACE	Acetone	10 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	BZ	Benzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	BZME	Toluene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethene (total)	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCP13C	cis-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCP13T	trans-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	HXOZ	2-Hexanone	10 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	10 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8015B	SW3510	PHCD	Diesel Range Organics	252 =		TPH	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	50 U		TPH	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	STY	Styrene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 U		VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	TCLEME	Chloroform	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 U		VOA	ug/L	166309	GELS	726
726GP006_15	H726GP006	WG	N	29-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	ACE	Acetone	10 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	BZ	Benzene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	BZME	Toluene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethene (total)	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DPC13C	cis-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DPC13T	trans-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	HXO2	2-Hexanone	10 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	10 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8015B	SW3510	PHCD	Diesel Range Organics	88.8 U		TPH	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	50 U		TPH	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	STY	Styrene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 U		VOA	ug/L	166309	GELS	726
726GP007_15	H726GP007	WG	N	30-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 U		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	ACE	Acetone	13.2 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	BZ	Benzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	5 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethane (total)	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DPC13C	cis-1,3-Dichloropropene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DPC13T	trans-1,3-Dichloropropene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	HXQ2	2-Hexanone	10 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	2.9 J		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	212 =		TPH	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	STY	Styrene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 UJ		VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQuat	ParamClass	Units	SDGNumber	LabID	SiteID
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 UJ		VOA	ug/L	166309	GELS	726
726GP008	H726GP008	WG	N	30-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 UJ		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	ACE	Acetone	11 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	BDCME	Bromodichloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	BRME	Bromomethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	BZ	Benzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	BZME	Toluene	10.9 =		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	CDS	Carbon Disulfide	2.6 J		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	CEVETH	2-Chloroethyl vinyl ether	5 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	CLBZ	Chlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	CLEA	Chloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	CLME	Chloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	CTCL	Carbon Tetrachloride	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DBCME	Dibromochloromethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCA11	1,1-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCA12	1,2-Dichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ12	1,2-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ13	1,3-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCBZ14	1,4-Dichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCE11	1,1-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCE12C	cis-1,2-Dichloroethylene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCE12T	trans-1,2-Dichloroethene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCE12TOT	1,2-Dichloroethene (total)	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCP13C	cis-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCP13T	trans-1,3-Dichloropropene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	DCPA12	1,2-Dichloropropane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	EBZ	Ethylbenzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	HXO2	2-Hexanone	10 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	MEK	Methyl ethyl ketone (2-Butanone)	2.2 J		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	MIBK	pentanone)	10 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	MTLNCL	Methylene Chloride	5 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	PCA	1,1,2,2-Tetrachloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	PCE	Tetrachloroethylene (PCE)	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	29.2 J		TPH	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	STY	Styrene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	TBME	Bromoform	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	TCA111	1,1,1-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	TCA112	1,1,2-Trichloroethane	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	TCB123	1,2,3-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	TCB124	1,2,4-Trichlorobenzene	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	TCE	Trichloroethylene (TCE)	1 U		VOA	ug/L	166309	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	TCLME	Chloroform	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	VA	Vinyl acetate	5 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	VC	Vinyl chloride	1 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	XYLENES	Xylenes, Total	3 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	XYLMP	m+p Xylene	2 U		VOA	ug/L	166309	GELS	726
726GP009	H726GP009	WG	N	30-Jun-06	SW8260B	METHOD	XYLO	o-Xylene	1 U		VOA	ug/L	166309	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	ACE	Acetone	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BDCME	Bromodichloromethane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BRME	Bromomethane	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BZ	Benzene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BZME	Toluene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CDS	Carbon Disulfide	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CEVETH	2-Chloroethyl vinyl ether	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CLBZ	Chlorobenzene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CLEA	Chloroethane	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CLME	Chloromethane	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CTGL	Carbon Tetrachloride	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DBCME	Dibromochloromethane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCA11	1,1-Dichloroethane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCA12	1,2-Dichloroethane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ12	1,2-Dichlorobenzene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ13	1,3-Dichlorobenzene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ14	1,4-Dichlorobenzene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE11	1,1-Dichloroethene	5.4 =		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE12C	cis-1,2-Dichloroethylene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE12T	trans-1,2-Dichloroethene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE12TOT	1,2-Dichloroethene (total)	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCP13C	cis-1,3-Dichloropropene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCP13T	trans-1,3-Dichloropropene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCPA12	1,2-Dichloropropane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	EBZ	Ethylbenzene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	HXO2	2-Hexanone	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	MEK	Methyl ethyl ketone (2-Butanone)	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	MIBK	pentanone)	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	MTLNCL	Methylene Chloride	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	PCA	1,1,2,2-Tetrachloroethane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	PCE	Tetrachloroethylene (PCE)	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8015B	SW3550B	PHCD	Diesel Range Organics	6660 =		TPH	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	56.8 UJ		TPH	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	STY	Styrene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TBME	Bromoform	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCA111	1,1,1-Trichloroethane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCA112	1,1,2-Trichloroethane	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCB123	1,2,3-Trichlorobenzene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCB124	1,2,4-Trichlorobenzene	5.2 U		VOA	ug/kg	166308	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClas	Units	SDGNumber	LabID	SiteID
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCE	Trichloroethylene (TCE)	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCME	Chloroform	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	VA	Vinyl acetate	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	VC	Vinyl chloride	10.3 U		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	XYLENES	Xylenes, Total	0.26 J		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	XYLMP	m+p Xylene	0.26 J		VOA	ug/kg	166308	GELS	726
726SB001_01	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	XYLO	o-Xylene	5.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	ACE	Acetone	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BDCME	Bromodichloromethane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BRME	Bromomethane	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BZ	Benzene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	BZME	Toluene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CDS	Carbon Disulfide	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CEVETH	2-Chloroethyl vinyl ether	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CLBZ	Chlorobenzene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CLEA	Chloroethane	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CLME	Chloromethane	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	CTCL	Carbon Tetrachloride	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DBCME	Dibromochloromethane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCA11	1,1-Dichloroethane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCA12	1,2-Dichloroethane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ12	1,2-Dichlorobenzene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ13	1,3-Dichlorobenzene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ14	1,4-Dichlorobenzene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE11	1,1-Dichloroethene	0.56 J		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE12C	cis-1,2-Dichloroethylene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE12T	trans-1,2-Dichloroethene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCE12TOT	1,2-Dichloroethene (total)	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCP13C	cis-1,3-Dichloropropene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCP13T	trans-1,3-Dichloropropene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	DCPA12	1,2-Dichloropropane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	EBZ	Ethylbenzene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	HXO2	2-Hexanone	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	MEK	Methyl ethyl ketone (2-Butanone)	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	MIBK	pentanone)	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	MTLNCL	Methylene Chloride	4 J		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	PCA	1,1,2,2-Tetrachloroethane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	PCE	Tetrachloroethylene (PCE)	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8015B	SW3550B	PHCD	Diesel Range Organics	1660 J		TPH	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	58 U		TPH	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	STY	Styrene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TBME	Bromoform	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCA111	1,1,1-Trichloroethane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCA112	1,1,2-Trichloroethane	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCB123	1,2,3-Trichlorobenzene	5.1 U		VOA	ug/kg	166308	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClas	Units	SDGNumbe	LabID	SiteID
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCB124	1,2,4-Trichlorobenzene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCE	Trichloroethylene (TCE)	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	TCLME	Chloroform	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	VA	Vinyl acelate	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	VC	Vinyl chloride	10.2 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	XYLENES	Xylenes, Total	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	XYLMP	m+p Xylene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB001_02	H726SB001	SO	N	29-Jun-06	SW8260B	SW5035	XYLO	o-Xylene	5.1 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	ACE	Acetone	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BDCME	Bromodichloromethane	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BRME	Bromomethane	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BZ	Benzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BZME	Toluene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CDS	Carbon Disulfide	1.5 J		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CEVETH	2-Chloroethyl vinyl ether	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CLBZ	Chlorobenzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CLEA	Chloroethane	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CLME	Chloromethane	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CTCL	Carbon Tetrachloride	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCOME	Dibromochloromethane	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCA11	1,1-Dichloroethane	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCA12	1,2-Dichloroethane	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ12	1,2-Dichlorobenzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ13	1,3-Dichlorobenzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ14	1,4-Dichlorobenzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE11	1,1-Dichloroethene	1 J		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE12C	cis-1,2-Dichloroethylene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE12T	trans-1,2-Dichloroethene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE12TOT	1,2-Dichloroethene (total)	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCP13C	cis-1,3-Dichloropropene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	OCP13T	trans-1,3-Dichloropropene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCPA12	1,2-Dichloropropane	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	EBZ	Ethylbenzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	HXO2	2-Hexanone	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	MEK	Methyl ethyl ketone (2-Butanone)	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	MIBK	pentanone)	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	MTLNCL	Methylene Chloride	2.6 J		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	PCA	1,1,2,2-Tetrachloroethane	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	PCE	Tetrachloroethylene (PCE)	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8015B	SW3550B	PHCD	Diesel Range Organics	60300 =		TPH	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	316 U		TPH	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	STY	Styrene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TBME	Bromoform	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCA111	1,1,1-Trichloroethane	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCA112	1,1,2-Trichloroethane	5.4 U		VOA	ug/kg	166308	GELS	726

Appendix H
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCB123	1,2,3-Trichlorobenzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCB124	1,2,4-Trichlorobenzene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCE	Trichloroethylene (TCE)	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCLME	Chloroform	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	VA	Vinyl acetate	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	VC	Vinyl chloride	10.9 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	XYLENES	Xylenes, Total	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	XYLMP	m+p Xylene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_01	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	XYLO	o-Xylene	5.4 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	ACE	Acetone	20 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BDCME	Bromodichloromethane	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BRME	Bromomethane	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BZ	Benzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	BZME	Toluene	0.56 J		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CDS	Carbon Disulfide	5 J		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CEVETH	2-Chloroethyl vinyl ether	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CLBZ	Chlorobenzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CLEA	Chloroethane	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CLME	Chloromethane	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	CTCL	Carbon Tetrachloride	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DBCME	Dibromochloromethane	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCA11	1,1-Dichloroethane	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCA12	1,2-Dichloroethane	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ12	1,2-Dichlorobenzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ13	1,3-Dichlorobenzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ14	1,4-Dichlorobenzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE11	1,1-Dichloroethene	0.96 J		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE12C	cis-1,2-Dichloroethylene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE12T	trans-1,2-Dichloroethene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCE12TOT	1,2-Dichloroethene (total)	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCP13C	cis-1,3-Dichloropropene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCP13T	trans-1,3-Dichloropropene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	DCPA12	1,2-Dichloropropane	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	EBZ	Ethylbenzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	HXO2	2-Hexanone	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	MEK	Methyl ethyl ketone (2-Butanone)	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	MIBK	pentanone)	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	MTLNCL	Methylene Chloride	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	PCA	1,1,2,2-Tetrachloroethane	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	PCE	Tetrachloroethylene (PCE)	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8015B	SW3550B	PHCD	Diesel Range Organics	8900 =		TPH	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	354 U		TPH	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	STY	Styrene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TBME	Bromoform	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCA111	1,1,1-Trichloroethane	6.8 U		VOA	ug/kg	166308	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQua	ParamClas	Units	SDGNumber	LabID	SiteID
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCA112	1,1,2-Trichloroethane	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCB123	1,2,3-Trichlorobenzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCB124	1,2,4-Trichlorobenzene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCE	Trichloroethylene (TCE)	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	TCLME	Chloroform	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	VA	Vinyl acetate	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	VC	Vinyl chloride	13.6 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	XYLENES	Xylenes, Total	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	XYLMP	m+p Xylene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB002_02	H726SB002	SO	N	29-Jun-06	SW8260B	SW5035	XYLO	o-Xylene	6.8 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	ACE	Acetone	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BDCME	Bromodichloromethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BRME	Bromomethane	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BZ	Benzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BZME	Toluene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CDS	Carbon Disulfide	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CEVETH	2-Chloroethyl vinyl ether	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CLBZ	Chlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CLEA	Chloroethane	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CLME	Chloromethane	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CTCL	Carbon Tetrachloride	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DBCME	Dibromochloromethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCA11	1,1-Dichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCA12	1,2-Dichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ12	1,2-Dichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ13	1,3-Dichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ14	1,4-Dichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE11	1,1-Dichloroethene	2.4 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE12C	cis-1,2-Dichloroethylene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE12T	trans-1,2-Dichloroethylene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE12TOT	1,2-Dichloroethene (total)	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCP13C	cis-1,3-Dichloropropene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCP13T	trans-1,3-Dichloropropene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCPA12	1,2-Dichloropropane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	EBZ	Ethylbenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	HXO2	2-Hexanone	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	MEK	Methyl ethyl ketone (2-Butanone)	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	MIBK	pentanone)	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	MTLNCL	Methylene Chloride	2 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	PCA	1,1,2,2-Tetrachloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	PCE	Tetrachloroethylene (PCE)	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8015B	SW3550B	PHCD	Diesel Range Organics	16400 =		TPH	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	284 U		TPH	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	STY	Styrene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TBME	Bromoform	4.6 U		VOA	ug/kg	166308	GELS	726

Appendix A
Analytical Data Reports
AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCA111	1,1,1-Trichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCA112	1,1,2-Trichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCB123	1,2,3-Trichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCB124	1,2,4-Trichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCE	Trichloroethylene (TCE)	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCLME	Chloroform	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	VA	Vinyl acetate	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	VC	Vinyl chloride	9.1 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	XYLENES	Xylenes, Total	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	XYLMP	m+p Xylene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_01	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	XYLO	o-Xylene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	ACE	Acetone	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BDCME	Bromodichloromethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BRME	Bromomethane	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BZ	Benzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	BZME	Toluene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CDS	Carbon Disulfide	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CEVETH	2-Chloroethyl vinyl ether	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CLBZ	Chlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CLEA	Chloroethane	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CLME	Chloromethane	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	CTCL	Carbon Tetrachloride	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DBCME	Dibromochloromethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCA11	1,1-Dichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCA12	1,2-Dichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ12	1,2-Dichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ13	1,3-Dichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCBZ14	1,4-Dichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE11	1,1-Dichloroethene	0.4 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE12C	cis-1,2-Dichloroethylene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE12T	trans-1,2-Dichloroethene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCE12TOT	1,2-Dichloroethene (total)	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCP13C	cis-1,3-Dichloropropene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DCP13T	trans-1,3-Dichloropropene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	DOPA12	1,2-Dichloropropane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	EBZ	Ethylbenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	HXO2	2-Hexanone	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	MEK	Methyl ethyl ketone (2-Butanone)	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	MIBK	pentanone)	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	MTLNCL	Methylene Chloride	2.4 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	PCA	1,1,2,2-Tetrachloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	PCE	Tetrachloroethylene (PCE)	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8015B	SW3550B	PHCD	Diesel Range Organics	42100 =		TPH	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8015B	METHOD	PHCG	Gasoline Range Organics	62.3 U		TPH	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	STY	Styrene	4.6 U		VOA	ug/kg	166308	GELS	726

Appendix A
 Analytical Data Reports
 AOC 726, Zone H

SampleID	StationID	Matrix	SampleType	DateCollected	Method	Ext_Method	ParamID	Paramname	AnaValue	ProjQual	ParamClass	Units	SDGNumber	LabID	SiteID
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TBME	Bromoform	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCA111	1,1,1-Trichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCA112	1,1,2-Trichloroethane	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCA123	1,2,3-Trichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCB124	1,2,4-Trichlorobenzene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCE	Trichloroethylene (TCE)	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	TCLME	Chloroform	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	VA	Vinyl acetate	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	VC	Vinyl chloride	9.2 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	XYLENES	Xylenes, Total	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	XYLMP	m+p Xylene	4.6 U		VOA	ug/kg	166308	GELS	726
726SB003_02	H726SB003	SO	N	29-Jun-06	SW8260B	SW5035	XYLO	o-Xylene	4.6 U		VOA	ug/kg	166308	GELS	726

APPENDIX B

Data Validation Summaries

MEMORANDUM

CH2MHILL

Data Validation Summary - Charleston Naval Complex- Zone H AOC 726

TO: Dean Williamson/CH2M HILL/GNV

FROM: Kris Waikins/CH2M HILL/GNV

DATE: September 6, 2006

The purpose of this memorandum is to present the results of the data validation process for the samples collected for Charleston Naval Complex in Zone H, AOC 726. The samples were collected between the dates of June 29th -30th, 2006.

The specific samples and analytical fractions reviewed are summarized below in **Table I**.

The Quality Control areas reviewed and the resulting findings are documented within each subsection that follows. These data were validated for compliance with the analytical method requirements. This process also included a review of the data to assess the accuracy, precision, and completeness based upon procedures described in the guidance documents such as the Environmental Protection Agency (EPA *National Functional Guidelines for Organic Data Review* (EPA 1999). Quality assurance/quality control (QA/QC) summary forms and data reports were reviewed.

Samples were submitted to General Engineering Laboratories, Inc., in Charleston, South Carolina, for the following analyses: SW-846 8260 Volatile Organic Compounds (VOC), SW-846 8015B Gasoline Range Organics (GRO), and SW-846 8015B Diesel Range Organics (DRO).

Sample results that were associated with quality control criteria not within the acceptance limits were appended with a qualifying flag, which consisted of a single- or double-letter code that indicated a possible bias with the data. The qualifying flags originated during the data review and validation processes. The qualifying flags are presented and defined below. In addition, secondary qualifier flags, or validation reason codes, are also applied. These secondary qualifiers provide the reasoning behind the assignment of a qualifier flag to the data.

Attachment 1 lists the validation reason codes that were used to qualify the data.

Attachment 2 lists the changes in data qualifiers, due to the validation process.

The following primary flags were used to qualify the data:

- {=} Detected. The analyte was analyzed for and detected at the concentration shown.
- {J} Estimated. The analyte was present but the reported value may not be accurate or precise.

[U] Undetected. The analyte was analyzed for but not detected above the method detection limit.

[UJ] Detection limit estimated. The analyte was analyzed for but qualified as not detected; the result is estimated.

[R] Rejected. The data is not useable

Table 1 - Chemical Analytical Methods – Field and Quality Control Samples

Matrix	SDG	Lab Sample ID	Sample ID	Sample Type	Sample Date	SW8015B GRO	SW8015B DRO	SW8260B
SO	166308	166308001	726SB001_01	N	6/29/2006	X	X	X
SO	166308	1201127426	726SB001_01MS	MS	6/29/2006		X	
SO	166308	1201132782	726SB001_01MS	MS	6/29/2006	X		
SO	166308	1201132783	726SB001_01SD	SD	6/29/2006	X		
SO	166308	1201134092	726SB001_01MS	MS	6/29/2006			X
SO	166308	1201134093	726SB001_01SD	SD	6/29/2006			X
SO	166308	166308007	726CB003_02	FD	6/29/2006	X	X	X
WG	166309	166309002	726GP001_15	N	6/29/2006	X	X	X
WG	166309	166309003	726GP002_15	N	6/29/2006	X	X	X
WG	166309	166309004	726GP003_15	N	6/29/2006	X	X	X
WG	166309	1201127429	726GP004_15MS	MS	6/29/2006		X	
WG	166309	1201127430	726GP004_15SD	SD	6/29/2006		X	
WG	166309	1201131188	726GP004_15MS	MS	6/29/2006			X
WG	166309	1201131190	726GP004_15SD	SD	6/29/2006			X
WG	166309	1201133324	726GP004_15MS	MS	6/29/2006	X		
WG	166309	1201133325	726GP004_15SD	SD	6/29/2006	X		
WG	166309	166309005	726GP004_15	N	6/29/2006	X	X	X
WG	166309	166309006	726GP005_15	N	6/29/2006	X	X	X
WG	166309	166309007	726GP006_15	N	6/29/2006	X	X	X
WG	166309	166309008	726GP007_15	N	6/30/2006	X	X	X
WG	166309	166309009	726HP007_15	FD	6/30/2006	X	X	X
WG	166309	166309013	726GP008	N	6/30/2006	X		X
WG	166309	166309013	726GP008_DL	LR	6/30/2006			X
WG	166309	166309014	726GP009	N	6/30/2006	X		X
WQ	166309	166309001	726EB001R2	EB	6/30/2006	X	X	X
WQ	166309	166309010	H726EP001R1	EB	6/30/2006	X	X	X
WQ	166309	166309011	726TB001R2	TB	lab supplied			X
WQ	166309	166309012	H726TP001R1	TB	lab supplied			X

MATRIX CODE

SO-Soil Samples

WG – Groundwater

WQ – Groundwater QC Samples

SAMPLE TYPE CODE

EB-Equipment Blank

N - Native Sample

FD-Field Duplicate

TB-Trip Blank

MS-matrix Spike

SD- Matrix Spike Duplicate

Organic Parameters

Quality Control Review

The following list represents the QA/QC measures that were reviewed during the data quality evaluation procedure for organic data.

- **Holding Times** – The holding times are evaluated to verify that samples were extracted and analyzed in compliance with the analytical method.
- **Blank samples** – Equipment blanks, Trip blanks, and method blanks were provided for this project. Blank samples enable the reviewer to determine if an analyte may be attributed to sampling or laboratory procedures, rather than environmental contamination from site activities.
- **Surrogate Recoveries** – Surrogate Compounds are added to each sample and the recoveries used to monitor lab performance and possible matrix interference.
- **Lab Control Sample/Lab Control Sample Duplicate (LCS/LCSD)** – These samples are a "controlled matrix", either laboratory reagent water or Ottawa sand, in which target compounds have been added prior to extraction/analysis. The recoveries serve as a monitor of the overall performance of each step during the analysis, including sample preparation.
- **Matrix Spike (MS) Samples** – Spike recovery is used to evaluate potential matrix interferences, as well as accuracy.
- **Field Duplicate Samples** – These samples are collected to determine precision between a native and its duplicate. This information can only be determined when target compounds are detected.
- **GC/MS Tuning** – The mass spectrum of the tuning compound is evaluated for method compliance. The criteria are established to verify the proper mass assignment and mass resolution.
- **Initial Calibration** – The initial calibration ensures that the instrument is capable of producing acceptable qualitative and quantitative data for the compounds of interest.
- **Continuing Calibration** – The continuing calibration checks satisfactory performance of the instrument and its predicted response to the target compounds.
- **Internal Standards** – The internal standards (retention time and response) are evaluated for method compliance. The internal standards are used in quantitation of the target parameters and monitor the instrument sensitivity and response for stability during each analysis.

Volatile Organic Compounds (VOC) Analyses by SW-846 8260B

The QA/QC parameters for VOC analyses by SW-846 8260B for all of the samples were within acceptable control limits except as noted below.

Blank Samples

Blank samples for each parameter were evaluated according to SW-846 and were met except as noted below.

If a target parameter determined to be a common contaminant was reported in a field sample, and the concentration was below the level determined to be due to blank contamination, the following actions were taken:

- If the concentration was above the reporting limit, the numeric result was unchanged, but it was flagged "U" as undetected.
- For organic analysis, if the concentration was below the reporting limit, the numeric result was changed to the value of the reporting limit, and it was flagged "U", as undetected.

Samples that were qualified due to potential blank contamination are listed in Attachment 2. There were 13 Acetone results and 4 Toluene results qualified with Reason Codes of "EBL" and "TBL." The samples are qualified due to the presence of target compounds in the Equipment Blank and Trip Blank samples.

Holding Times

The holding times for each parameter were evaluated according to SW-846 requirements and were met except as noted below.

Sample number 726GP008_ in SDG 166309 was received at the lab with a pH greater than 2. This sample was determined to be unpreserved due to this pH reading. Therefore this sample exceeded the holding time allowance for an unpreserved sample of 7 days.

Initial and Continuing Calibration Criteria

All initial calibration criteria and continuing calibration criteria were met, except as listed in Table 2.

TABLE 2
Exceptions to Continuing Calibration Criteria: VOC
Charleston Naval Complex, Zone H, AOC 726

Instrument/Calibration Date	Analyte	%Difference (ICV /CC)	Associated Samples
VOA2-ICV-7/12/06	Carbon Disulfide	35.15 High	All Samples
VOA2-CC-7/13/06	Carbon Disulfide	38.90 High	#2-12
VOA2-CC-7/14/06	Carbon Disulfide	37.9 High	#1,13,14,13DL

- When the percent difference (%D) was high in the continuing calibration standards, detected compounds were flagged "J", as estimated. Non-detected compounds were not flagged.

The results qualified due to calibration criteria are listed in Attachment 2 with validation notes of "2SH" or "CCVH", as applicable.

Gasoline Range Organics (GRO) Analyses by SW-846 8015B

The QA/QC parameters for GRO analyses by SW-846 8015B for all of the samples were within acceptable control limits except as noted below.

Recoveries - Surrogate, MS/MSD and LCS

All Surrogate, Matrix Spike (MS), Matrix Spike Duplicate (MSD), and Laboratory Control Sample (LCS) recoveries were within acceptable quality control limits, except as noted in Table 3 below.

TABLE 3
MS/MSD Recoveries Out of QC Limits: GRO
Charleston Naval Complex, Zone H AOC 726

SDG	Sample	Parameter	Recovery	Recovery Limits	Associated Samples	Flag
166308	166308001	GRO	31/35	40-131	#1	Detects – J; non-detects – UJ

The results qualified due to recoveries out of control limits are listed in Attachment 2 with validation notes of "MSL" "MSDL".

Diesel Range Organics (DRO) Analyses by SW-846 8015B

The QA/QC parameters for DRO analyses by SW-846 8015B for all of the samples were within acceptable control limits except as noted below.

Blank Samples

Blank samples for each parameter were evaluated according to SW-846 and were met except as noted below.

If a target parameter determined to be a common contaminant was reported in a field sample, and the concentration was below the level determined to be due to blank contamination, the following actions were taken:

- If the concentration was above the reporting limit, the numeric result was unchanged, but it was flagged "U" as undetected.
- For organic analysis, if the concentration was below the reporting limit, the numeric result was changed to the value of the reporting limit, and it was flagged "U", as undetected.

Samples that were qualified due to potential blank contamination are listed in **Attachment 2**. There were 5 DRO results qualified with Reason Codes of "EBL" and "LBL." The samples are qualified due to the presence of target compounds in the Equipment Blank and Method Blank samples.

Conclusion

A review of the analytical data submitted regarding the investigation of AOC 726, by CH2M HILL has been completed. The analytical data had minor QC anomalies as indicated above, however it did not affect data usability for those specific results. . No data were rejected such that there is not a valid result for that parameter in each sample. The validation review demonstrated that the analytical systems were generally in control and the data results can be used in the decision making process.

Attachment 1
Validation Reason Codes

Validation Code	Definition
2SH	Second source calibration verification standard greater than the upper control limit
2SL	Second source calibration verification standard less than the lower control limit
ABH	Ambient blank concentration greater than the RL
ABL	Ambient blank concentration less than the RL
BKD	The result is qualified because the DDT and/or Endrin breakdown was greater than 20%.
CBKD	The result is qualified because the combined DDT/Endrin breakdown is greater than 30%.
CCBH	Continuing calibration blank concentration greater than the RL
CCBL	Continuing calibration blank concentration less than RL
CCC	CCC Failure
CCRFF	Continuing calibration relative response factor below the LCL
CCVF	Continuing Calibration not analyzed at the required frequency
CCVH	Continuing calibration recovery greater than upper control limit
CCVL	Continuing calibration recovery less than lower control limit
CF	Confirmation result
CFP	Confirmation precision exceeded
CO	Compounds were reported combined on one column
DL	Secondary dilution
EBH	Equipment blank concentration greater than the RL
EBL	Equipment blank concentration less than the RL
EMPC	Estimated Maximum Possible Concentration Reported
FBH	Field blank concentration greater than the RL
FBL	Field blank concentration less than the RL
FD	Field duplicate exceeds RPD criteria
GPC	The results are qualified due to GPC calibration deficiencies.
HTA	Analytical Holding Time exceeded
HTP	Preparation Holding Time exceeded
IB	Result between the MDL and RL
ICBH	Initial calibration blank concentration greater than the RL
ICBL	Initial calibration blank concentration less than RL
ICR2	Initial calibration exceeded the R2 for first order regression
ICRR	Exceeds RSD criteria and initial calibration exceeded the R2 for first order regression
ICRRF	Initial calibration relative response factor below the LCL
ICRSD	Initial calibration RSD exceeded
ICSH	Interference present and %recovery is greater than upper control limit
ICSL	Interference present and %recovery is less than lower control limit
ICSP	Single Point Initial Calibration used for Quantitation
ICVH	Initial calibration recovery exceeds the upper control limit
ICVL	Initial calibration recovery exceeds the lower control limit
ICVSH	Initial calibration verification recovery greater than upper control limit
ICVSL	Initial calibration verification recovery less than lower control limit
ISH	Internal standard response exceeded the UCL criteria
ISL	Internal standard response exceeded the LCL criteria
LBH	Laboratory blank contamination greater than the RL
LBL	Laboratory blank contamination less than the RL
LCSDH	LCSD recovery greater than criteria
LCSDL	LCSD recovery less than the criteria
LCSH	LCS recovery greater than criteria
LCSL	LCS recovery less than the criteria
LCSP	LCS/LCSD RPD criteria exceeded
LDP	Laboratory Duplicate Precision out
LR	Linear range exceeded. Concentration above linear range.
MSA	Quantitated by the method of standard additions
MSALL	Global matrix spike flagging

Attachment 1
Validation Reason Codes

Validation Code	Definition
MSAR2	method of standard additions R2 out
MSDH	Matrix spike duplicate recovery criteria greater than the upper limit
MSDL	Matrix spike duplicate recovery criteria less than the lower limit
MSDP	Matrix Spike Duplicate RPD criteria exceedance
MSH	Matrix spike recovery criteria greater than the upper limit
MSL	Matrix spike recovery criteria less than the lower limit
NMS	Not Site-specific Matrix Spike
PH	Sample pH out. Not properly preserved.
PRM	Result differs from Preliminary Result
PSH	Post spike recovery criteria greater than the upper limit
PSL	Post spike recovery criteria less than the lower limit
RA	Sample was reanalyzed
RE	Sample was re-extracted and reanalyzed
RT	Result is outside the laboratory determined retention time window
SCRN	Screening method and/or data
SDIL	Serial Dilution %D exceeds the upper control limit
SPCC	SPCC Failure
SSH	Surrogate recovery greater than upper limit
SSL	Surrogate recovery less than lower limit
SSR	Surrogate spike recovery <10%
TBH	Trip blank concentration greater than the RL
TBL	Trip blank concentration less than the RL
TD	Total Concentration < Dissolved Concentration
TEMP	Cooler temperature out upon arrival
TIC	Tentatively identified compound
TN	GC/MS tune does not meet criteria
XCC	No Continuing Calibration analyzed in the analytical batch
X-DL	Data not used due to dilution; another value is more appropriate or data was not requested
XIC	No initial calibration analyzed in the analytical batch
XICVS	Initial calibration verification standard was not analyzed
XLCS	No LCS in the analytical batch
XLD	Laboratory Duplicate not reported
XMS	Matrix Spike not reported
XMSD	Matrix Spike Duplicate not reported
X-RE	Data not used due to reanalysis another value is more appropriate or data was not requested
XICS	No interference check standard in analytical batch
XSDIL	No Serial Dilution in the analytical batch

Attachment 2- Changed Qualifiers

Parameter Class	Analytical Method	Parameter	SDG	Lab Sample ID	Sample ID	Matrix	Lab Result	Lab Qual	Final Result	Final Qual	Units	Validation Notes
SW8015B	TPH	Hydrocarbons as GRO (Gasoline)	166308	166308001	726SB001_01	SO	56.8	U	56.8	UJ	ug/kg	MSL,MSDL
SW8260B	VOA	TOLUENE	166308	166308001	726SB001_01	SO	0.44	J	5.2	U	ug/kg	EBL
SW8260B	VOA	ACETONE	166308	166308003	726SB002_01	SO	6.6	J	10.9	U	ug/kg	EBL,TBL
SW8260B	VOA	ACETONE	166308	166308004	726SB002_02	SO	20	=	20	U	ug/kg	EBL
SW8260B	VOA	ACETONE	166308	166308006	726SB003_02	SO	7.6	J	9.2	U	ug/kg	EBL,TBL
SW8015B	TPH	Hydrocarbons as DRO (Diesel)	166309	166309002	726GP001_15	WG	89.9	B	89.9	U	ug/L	EBL,LBL
SW8015B	TPH	Hydrocarbons as DRO (Diesel)	166309	166309003	726GP002_15	WG	87.8	B	87.8	U	ug/L	EBL,LBL
SW8015B	TPH	Hydrocarbons as DRO (Diesel)	166309	166309004	726GP003_15	WG	101	B	101	U	ug/L	EBL
SW8015B	TPH	Hydrocarbons as DRO (Diesel)	166309	166309008	726GP007_15	WG	88.8	B	88.8	U	ug/L	EBL,LBL
SW8015B	TPH	Hydrocarbons as DRO (Diesel)	166309	166309009	726HP007_15	WG	98.2	B	98.2	U	ug/L	EBL
SW8260B	VOA	ACETONE	166309	166309002	726GP001_15	WG	2	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	ACETONE	166309	166309003	726GP002_15	WG	1.8	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	ACETONE	166309	166309004	726GP003_15	WG	2	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	ACETONE	166309	166309005	726GP004_15	WG	2.8	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	TOLUENE	166309	166309005	726GP004_15	WG	0.58	J	1	U	ug/L	EBL
SW8260B	VOA	ACETONE	166309	166309006	726GP005_15	WG	1.6	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	TOLUENE	166309	166309007	726GP006_15	WG	0.77	J	1	U	ug/L	EBL
SW8260B	VOA	ACETONE	166309	166309007	726GP006_15	WG	1.6	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	ACETONE	166309	166309008	726GP007_15	WG	2.4	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	TOLUENE	166309	166309008	726GP007_15	WG	0.32	J	1	U	ug/L	EBL
SW8260B	VOA	VINYL CHLORIDE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	m+p Xylene	166309	166309013	726GP008_	WG	2	U	2	UJ	ug/L	HTA
SW8260B	VOA	2-Chloroethyl vinyl ether	166309	166309013	726GP008_	WG	5	U	5	UJ	ug/L	HTA
SW8260B	VOA	1,2-DICHLOROBENZENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,3-DICHLOROBENZENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,4-DICHLOROBENZENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	cis-1,2-DICHLOROETHYLENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	trans-1,2-DICHLOROETHYLENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,2-DICHLOROPROPANE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	trans-1,3-DICHLOROPROPENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	XYLENES, TOTAL	166309	166309013	726GP008_	WG	3	U	3	UJ	ug/L	HTA
SW8260B	VOA	1,2-Dichloroethene (total)	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,2-DICHLOROETHANE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	METHYLENE CHLORIDE	166309	166309013	726GP008_	WG	5	U	5	UJ	ug/L	HTA
SW8260B	VOA	1,1,1-TRICHLOROETHANE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,1,2-TRICHLOROETHANE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	BENZENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,2,3-Trichlorobenzene	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,2,4-TRICHLOROBENZENE	166309	166309013	726GP008_	WG	1	U	1	UJ	ug/L	HTA

Attachment 2- Changed Qualifiers

Parameter Class	Analytical Method	Parameter	SDG	Lab Sample ID	Sample ID	Matrix	Lab Result	Lab Qual	Final Result	Final Qual	Units	Validation Notes
SW8260B	VOA	cis-1,3-DICHLOROPROPENE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	CHLOROETHANE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	ACETONE	166309	166309013	726GP008	WG	13.2	=	13.2	UJ	ug/L	EBL,TBL,HTA
SW8260B	VOA	CARBON DISULFIDE	166309	166309013	726GP008	WG	5	U	5	UJ	ug/L	HTA
SW8260B	VOA	ETHYLBENZENE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	METHYL ETHYL KETONE (2-BUTANONE)	166309	166309013	726GP008	WG	2.9	J	2.9	J	ug/L	HTA
SW8260B	VOA	1,1,2,2-TETRACHLOROETHANE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	TETRACHLOROETHYLENE(PCE)	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	STYRENE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	TRICHLOROETHYLENE (TCE)	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	BROMOMETHANE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	CHLOROFORM	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	CHLOROBENZENE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,1-DICHLOROETHENE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	CHLOROMETHANE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	CARBON TETRACHLORIDE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	2-HEXANONE	166309	166309013	726GP008	WG	10	U	10	UJ	ug/L	HTA
SW8260B	VOA	METHYL ISOBUTYL KETONE (4-METHYL-2-P	166309	166309013	726GP008	WG	10	U	10	UJ	ug/L	HTA
SW8260B	VOA	BROMOFORM	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	o-Xylene	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	BROMODICHLOROMETHANE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	DIBROMOCHLOROMETHANE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	1,1-DICHLOROETHANE	166309	166309013	726GP008	WG	1	U	1	UJ	ug/L	HTA
SW8260B	VOA	Vinyl acetate	166309	166309013	726GP008	WG	5	U	5	UJ	ug/L	HTA
SW8260B	VOA	TOLUENE	166309	166309013	726GP008	WG	161	E	161	R	ug/L	LR
SW8260B	VOA	1,2-DICHLOROETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	cis-1,3-DICHLOROPROPENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	CHLOROETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	CHLOROMETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	CARBON TETRACHLORIDE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	2-HEXANONE	166309	166309013	726GP008_DL	WG	20	U	20	R	ug/L	DL
SW8260B	VOA	METHYL ISOBUTYL KETONE (4-METHYL-2-P	166309	166309013	726GP008_DL	WG	20	U	20	R	ug/L	DL
SW8260B	VOA	BROMOFORM	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	o-Xylene	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	BROMODICHLOROMETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	TOLUENE	166309	166309013	726GP008_DL	WG	148	D	148	J	ug/L	HTA
SW8260B	VOA	1,1-DICHLOROETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	BROMOMETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	1,1-DICHLOROETHENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL

Attachment 2- Changed Qualifiers

Parameter Class	Analytical Method	Parameter	SDG	Lab Sample ID	Sample ID	Matrix	Lab Result	Lab Qual	Final Result	Final Qual	Units	Validation Notes
SW8260B	VOA	CHLOROFORM	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	m+p Xylene	166309	166309013	726GP008_DL	WG	4	U	4	R	ug/L	DL
SW8260B	VOA	2-Chloroethyl vinyl ether	166309	166309013	726GP008_DL	WG	10	U	10	R	ug/L	DL
SW8260B	VOA	1,2-DICHLOROBENZENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	1,3-DICHLOROBENZENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	1,4-DICHLOROBENZENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	cis-1,2-DICHLOROETHYLENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	trans-1,2-DICHLOROETHENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	DIBROMOCHLOROMETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	Vinyl acetate	166309	166309013	726GP008_DL	WG	10	U	10	R	ug/L	DL
SW8260B	VOA	1,2-Dichloroethene (total)	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	1,2,4-TRICHLOROBENZENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	1,2,3-Trichlorobenzene	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	1,1,2-TRICHLOROETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	1,1,1-TRICHLOROETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	METHYLENE CHLORIDE	166309	166309013	726GP008_DL	WG	10	U	10	R	ug/L	DL
SW8260B	VOA	1,2-DICHLOROPROPANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	CHLOROENZENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	BENZENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	XYLENES, TOTAL	166309	166309013	726GP008_DL	WG	6	U	6	R	ug/L	DL
SW8260B	VOA	VINYL CHLORIDE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	ACETONE	166309	166309013	726GP008_DL	WG	14.7	DJ	14.7	R	ug/L	DL
SW8260B	VOA	CARBON DISULFIDE	166309	166309013	726GP008_DL	WG	10	U	10	R	ug/L	DL
SW8260B	VOA	ETHYLBENZENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	METHYL ETHYL KETONE (2-BUTANONE)	166309	166309013	726GP008_DL	WG	3.2	DJ	3.2	R	ug/L	DL
SW8260B	VOA	1,1,2,2-TETRACHLOROETHANE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	TETRACHLOROETHYLENE(PCE)	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	STYRENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	TRICHLOROETHYLENE (TCE)	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	trans-1,3-DICHLOROPROPENE	166309	166309013	726GP008_DL	WG	2	U	2	R	ug/L	DL
SW8260B	VOA	ACETONE	166309	166309014	726GP009_	WG	11	=	11	U	ug/L	TBL,EBL
SW8260B	VOA	CARBON DISULFIDE	166309	166309014	726GP009_	WG	2.6	J	2.6	J	ug/L	CCVH,2SH
SW8260B	VOA	ACETONE	166309	166309009	726HP007_15	WG	1.8	J	10	U	ug/L	EBL,TBL
SW8260B	VOA	TOLUENE	166309	166309009	726HP007_15	WG	0.32	J	1	U	ug/L	EBL

CH2M HILL Chain of Custody/ Laboratory Analysis Form

Laboratory: GEL
 Project Name: Charleston Navy Complex Site Name: Zone H, AOC 726
 Project Number: _____ TAT: standard
 Project Manager: Gary Foster / ATL QA Level: level 3
 Address: GNV: 3011 SW Williston Rd., Gainesville, FL 32605
ATL: 115 Perimeter Center Place NE, Suite 700, Atlanta, GA 30346-1278
 Send Report To: see last page of COC EDD: CNC format

Sample ID	Station ID	Sample Description	Depth		Date & Time Collected	Matrix	# of containers	3 - 40mL vials, HCl	3 - 40mL vials, HCl	1 - 1L amber	4 - 20mL MeOH, 2420	4 - 20mL MeOH, 2420	1 - 4 oz jar
			Begin	End				VOCs (SW8260B)	GRO (SW8015B)	DRO (SW8015B)	VOCs (SW8260B)	GRO (SW8015B)	DRO (SW8015B)
726SB001_01	H726SB001				6-29-2006 / 1120	SO	9				X	X	X
726SB001_02	H726SB001				6-29-2006 / 1125	SO	9				X	X	X
726SB002_01	H726SB002				6-29-2006 / 1355	SO	9				X	X	X
726SB002_02	H726SB002				6-29-2006 / 1400	SO	9				X	X	X
726SB003_01	H726SB003				6-29-2006 / 1555	SO	9				X	X	X
726SB003_02	H726SB003				6-29-2006 / 1600	SO	9				X	X	X
726CB003_02	H726SB003				6-29-2006 / 1605	SO	9				X	X	X
726EB001R2	H726EB001	EB			6-30-2006 / 1100	SQ	7	X	X	X			
726TB001R2	H726TB001	TB			lab supplied	SQ	3	X					

Lab Batch/SDG: _____

Comments

166309-01
166309-011

166308%
 166309-01
 166309-02
 166309-03
 166309-04
 166309-05
 166309-06
 166309-07
 166309-08
 166309-09
 166309-10
 166309-11
 166309-12

Sampled By Andrew O'Connor Date/Time 6-29 and 6-30-2006

Relinquished by: [Signature] Date/Time 6.30.06/1507

Additional Samplers: _____

Received By Lab: _____ Date/Time _____

Relinquished by: _____ Date/Time _____

Received By: C. Demicott Date/Time 6.30.06/1507

Shipped Via: UPS FedEx Hand Other Tracking#: _____

Remarks: _____

Received by: C. Demicott Temperature: 4°C

Receipt Exceptions: _____

APPENDIX C

Boring Logs

PROJECT NUMBER 258814	BORING NUMBER 726SB003	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT : Charleston Naval Complex LOCATION : AOC 726 NORTHING 371145.8
 DRILLING CONTRACTOR : S&ME Engineering and Environmental Testing EASTING 2323109.7
 DRILLING METHOD AND EQUIPMENT USED : Truck mounted DPT
 WATER LEVELS : > 5.0 feet START : 6-29-2006 END : 6-29-2006 LOGGER : [Andrew O'Connor

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		STANDARD PENETRATION TEST RESULTS 6"-6"-6"-5" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. OVM (ppm): Breathing Zone Above Hole
	RECOVERY (IN)	#/TYPE			
0	Surface			Lime ROC	
1	0-1'			Sand, brown, slightly silty, fine to medium grain, medium dense, dry	Not Analyzed
3	3-5'			Sand, brown, slightly clayey, fine to medium grain, medium dense, moist at 5'	Not Analyzed
4					
5					

PROJECT NUMBER 258814	BORING NUMBER 726SB002	SHEET 1 OF 1
SOIL BORING LOG		

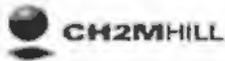
PROJECT : Charleston Naval Complex LOCATION : AOC 726 NORTHING 371211.0
 DRILLING CONTRACTOR : S&ME Engineering and Environmental Testing EASTING 2322898.5
 DRILLING METHOD AND EQUIPMENT USED : Truck mounted DPT
 WATER LEVELS : > 5.0 feet START : 6-29-2006 END : 6-29-2006 LOGGER : C.Andrew O'Conor

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. OVM (ppm): Breathing Zone Above Hole
	RECOVERY (IN)	#/TYPE			
0	Surface			Lime ROC	
1	0-1'			Sand, brown, slightly silty, fine to medium grain, medium dense, dry	Not Analyzed
3	3-5'			Sand, brown, fine to medium grain, medium dense, moist at 5'	Not Analyzed
4					
5					

PROJECT NUMBER 258814	BORING NUMBER 726SB001
SHEET 1 OF 1	
SOIL BORING LOG	

PROJECT : Charleston Naval Complex LOCATION : AOC 726 NORTHING 371632.7
 DRILLING CONTRACTOR : S&ME Engineering and Environmental Testing EASTING 2323015.6
 DRILLING METHOD AND EQUIPMENT USED : Truck mounted DPT
 WATER LEVELS : >5.0 feet START : 6-29-2006 END : 6-29-2006 LOGGER : [Andrew O'Connor

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		STANDARD PENETRATION TEST RESULTS 6"-8"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. OVM (ppm): Breathing Zone Above Hole
	RECOVERY (IN)	#/TYPE			
0	Surface			Lime ROC	
1	0-1'			Sand, brown, slightly silty, fine to medium grain, medium dense, dry	Not Analyzed
2					
3	3-5'			Sand, brown, fine to medium grain, medium dense, moist at 5'	Not Analyzed
4					
5					



PROJECT NUMBER
258814

DPT NUMBER
726GP003

page 1 of 1

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 371632.7
 ELEVATION : 7.59 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2323015.6
 DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen
 START 6/29/2006 END: 6/29/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION		COMMENTS
		PURGE VOLUME	COLOR / ODOR	LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5				
10				
12 - 15'		1.5 gallons purged	Cloudy/no odor	Collected VOCs, GRO and DRO water sample. DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15			End of Boring	
20				
25				
30				



PROJECT NUMBER
258814

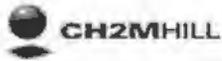
DPT NUMBER
726GP003

page 1 of 1

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 371508.8
 ELEVATION : 8.07 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2322982.8
 DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen
 START 6/29/2006 END: 6/29/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION	COMMENTS
		PURGE VOLUME COLOR / ODOR	LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5			
10			
12 - 15'		1.5 gallons purged Cloudy/no odor	Collected VOCs, GRO and DRO water sample DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15		End of Boring	
20			
25			
30			



PROJECT NUMBER
258814

DPT NUMBER
726GP003

page 1 of 1

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 371442.0

ELEVATION : 8.56 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2322962.7

DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen

START 6/29/2006 END: 6/29/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION		COMMENTS
		PURGE VOLUME COLOR / ODOR		LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5				
10				
12 - 15'		2.0 gallons purged Cloudy/no odor		Collected VOCs, GRO and DRO water sample. DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15		End of Boring		
20				
25				
30				



PROJECT NUMBER
258814

DPT NUMBER
726GP004

page 1 of 1

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 371211.0
 ELEVATION : 7.65 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2322898.5
 DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen
 START 6/29/2006 END: 6/29/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION		COMMENTS
		PURGE VOLUME COLOR / ODOR		LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5				
10				
12 - 15'		2.50 gallons purged Cloudy/no odor		Collected VOCs, GRO and DRO water sample. DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15		End of Boring		
20				
25				
30				



PROJECT NUMBER
258814

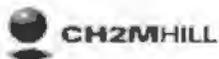
DPT NUMBER
726GP005

page 1 of 1

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 371177.0
 ELEVATION : 6.88 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2322998.8
 DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen
 START 6/29/2006 END: 6/29/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION	COMMENTS
		PURGE VOLUME COLOR / ODOR	LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5			
10			
12 - 15'		1.5 gallons purged Cloudy/no odor	Collected VOCs, GRO and DRO water sample. DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15		End of Boring	
20			
25			
30			



PROJECT NUMBER
258814

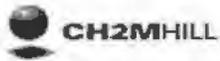
DPT NUMBER
726GP006

page 1 of 1

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 371145.8
 ELEVATION : 7.51 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2323109.7
 DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen
 START 6/29/2006 END: 6/29/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION	
		PURGE VOLUME COLOR / ODOR	COMMENTS LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5			
10			
12 - 15'		2.0 gallons purged Clear/no odor	Collected VOCs, GRO and DRO water sample DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15		End of Boring	
20			
25			
30			



PROJECT NUMBER
258814

DPT NUMBER
726GP007

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 371013.9

ELEVATION : 7.17 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2323585.6

DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen

START 6/30/2006 END: 6/30/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION	COMMENTS
		PURGE VOLUME COLOR / ODOR	LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5			
10			
12 - 15'		1.50 gallons purged Cloudy/no odor	Collected VOCs, GRO and DRO water sample. DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15		End of Boring	
20			
25			
30			



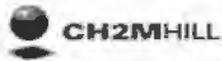
PROJECT NUMBER
258814

DPT NUMBER
726GP008

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 370984.4
 ELEVATION : 8.75 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2323692.0
 DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen
 START 6/30/2006 END: 6/30/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION	
		PURGE VOLUME COLOR / ODOR	COMMENTS LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5			
10	10 - 13'	One gallon removed prior to dry purge Muddy-gray / no odor	Collected VOCs and GRO water sample. DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
15		End of Boring	
20			
25			
30			



PROJECT NUMBER
258814

DPT NUMBER
726GP009

page 1 of 1

DPT SOIL SAMPLE LOG

PROJECT : Charleston Naval Complex, Charleston, SC LOCATION : AOC 726 NORTHING: 370964.5

ELEVATION : 8.76 DRILLING CONTRACTOR : S&ME License # 1667 EASTING: 2323768.3

DRILLING METHOD AND EQUIPMENT USED : Truck-mounted DPT rig Direct-Push Sampling, 3- ft screen

START 6/30/2006 END: 6/30/2006 LOGGER : Andrew O'Conor/CH2M -Jones

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL	WATER QUALITY DESCRIPTION	COMMENTS
		PURGE VOLUME COLOR / ODOR	LABORATORY TEST PARAMATERS ABANDONMENT METHOD
5			
10			
15	14 - 17'	One gallon removed prior to dry purge Muddy-gray / no odor	Collected VOCs and GRO water sample. DPT borehole was abandoned by force injection of portland cement combined with 5% bentonite powder from the bottom of the borehole to the surface.
		End of Boring	
20			
25			
30			



CH2M HILL
3011 SW Williston Road
Gainesville, FL
32608-3928
P O. Box 147009
Gainesville, FL
32614-7009
TEL 352.335.7991
FAX 352.335.2959

March 28, 2007

Ms. Stacey French
South Carolina Department of Health and
Environmental Control
Bureau of Land and Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Confirmatory Sampling Work Plan Addendum - AOC 726, Zone H

Dear Ms. French:

Enclosed please find two copies of the Confirmatory Sampling Work Plan Addendum for AOC 726 in Zone H of the Charleston Naval Complex (CNC). This report has been prepared pursuant to agreements by the CNC BRAC Cleanup Team for completing the RCRA Corrective Action process.

Please contact me at 352/335-5877, ext. 52280, if you have any questions or comments.

Sincerely,

CH2M HILL

A handwritten signature in cursive script that reads 'Dean Williamson'.

Dean Williamson, P.E.

cc: Dann Spariosu/USEPA, w/att
Dudley Patrick/Navy, w/att
Gary Foster/CH2M HILL, w/att

*Confirmatory Sampling Work
Plan Addendum*

Area of Concern 726, Zone H

**Charleston Naval Complex
North Charleston, SC**

Prepared for
**U.S. Navy Southern Division
Naval Facilities Engineering Command**

Prepared by
CH2M-Jones

March 2007

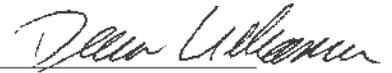
Contract N62467-99-C-0960

Certification Page for Confirmatory Sampling Work Plan Addendum (Revision 0) – AOC 726, Zone H

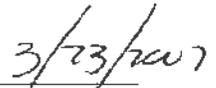
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

South Carolina

Permit No. 21428



Dean Williamson, P.E.



Date

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1 Acronyms and Abbreviations

2	AOC	area of concern
3	BCT	BRAC Cleanup Team
4	BRAC	Base Realignment and Closure Act
5	CA	corrective action
6	CNC	Charleston Naval Complex
7	COC	chemical of concern
8	COPC	chemical of potential concern
9	CSI	Confirmatory Sampling Investigation
10	CSWP	Confirmatory Sampling Work Plan
11	DAF	dilution attenuation factor
12	DRO	diesel range organics
13	EPA	U.S. Environmental Protection Agency
14	ft bls	feet below land surface
15	µg/kg	micrograms per kilogram
16	NAVBASE	Naval Base
17	RBC	risk-based concentration
18	RCRA	Resource Conservation and Recovery Act
19	SCDHEC	South Carolina Department of Health and Environmental Control
20	SSL	soil screening level
21	SVOC	semivolatile organic compound
22	VOC	volatile organic compound

1 1.0 Introduction

2 In 1993, Naval Base (NAVBASE) Charleston was added to the list of bases scheduled for
3 closure as part of the Defense Base Realignment and Closure Act (BRAC), which regulates
4 closure and transition of property to the community. The Charleston Naval Complex (CNC)
5 was formed as a result of the dis-establishment of the Charleston Naval Shipyard and
6 NAVBASE on April 1, 1996.

7 Corrective Action (CA) activities are being conducted under the Resource Conservation and
8 Recovery Act (RCRA), with the South Carolina Department of Health and Environmental
9 Control (SCDHEC) as the lead agency for CA activities at the CNC. RCRA CA activities are
10 performed in accordance with the Final Permit (Permit No. SC0 170 022 560). In April 2000,
11 CH2M-Jones was awarded a contract to provide environmental investigation and
12 remediation services at the CNC.

13 On January 9, 2006, SCDHEC issued a letter to the Navy indicating that a new Area of
14 Concern (AOC) had been identified at the CNC. The AOC was described as the location at
15 which workers from Wyatt and Wyatt Construction Company (Wyatt and Wyatt)
16 potentially encountered hazardous constituents while working on a construction project.
17 Subsequent to this letter, the new AOC was designated as AOC 726. A Confirmatory
18 Sampling Work Plan (CSWP) was prepared to address SCDHEC's request for a work plan
19 to assess whether or not a release of hazardous constituents by the Navy had occurred at
20 AOC 726. The CSWP, incorporating SCDHEC comments, was approved by SCDHEC on
21 June 8, 2006.

22 Subsequent to this approval, the CSWP was implemented. A Confirmatory Sampling
23 Investigation (CSI) report was prepared and submitted to SCDHEC on September 12, 2006.
24 SCDHEC provided comments on this CSI report to the Navy on October 17, 2006. In these
25 comments and discussions regarding them, SCDHEC indicated that because of the detection
26 of diesel range organics (DRO) at several soil sampling locations, soil should be analyzed for
27 semivolatile organic compounds (SVOCs) to allow for an assessment of potential risks. In
28 addition, SCDHEC requested that additional soil samples from the AOC 726 area be
29 collected and analyzed for volatile organic compounds (VOCs) due to concerns about the
30 detections of a VOC (1,1-DCE) in soil at concentrations generally in the range of 1 to 5
31 micrograms per kilogram ($\mu\text{g}/\text{kg}$), which is above the soil screening level (SSL) of 0.95
32 $\mu\text{g}/\text{kg}$, at a dilution attenuation factor (DAF) of 1.

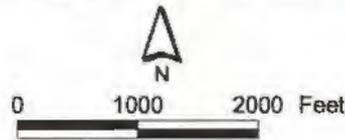
- 1 This CSWP addendum presents a proposed sampling approach for the collection of the soil
- 2 samples requested in SCDHEC's comments. It also presents the proposed soil sampling
- 3 locations. Field and analytical methods to be used for this field effort are the same as those
- 4 previously described in the original CSWP.

- 5 The location of AOC 726 at the CNC is shown in Figure 1-1. An aerial photo of the site is
- 6 shown in Figure 1-2.

NOTE: Original figure created in color



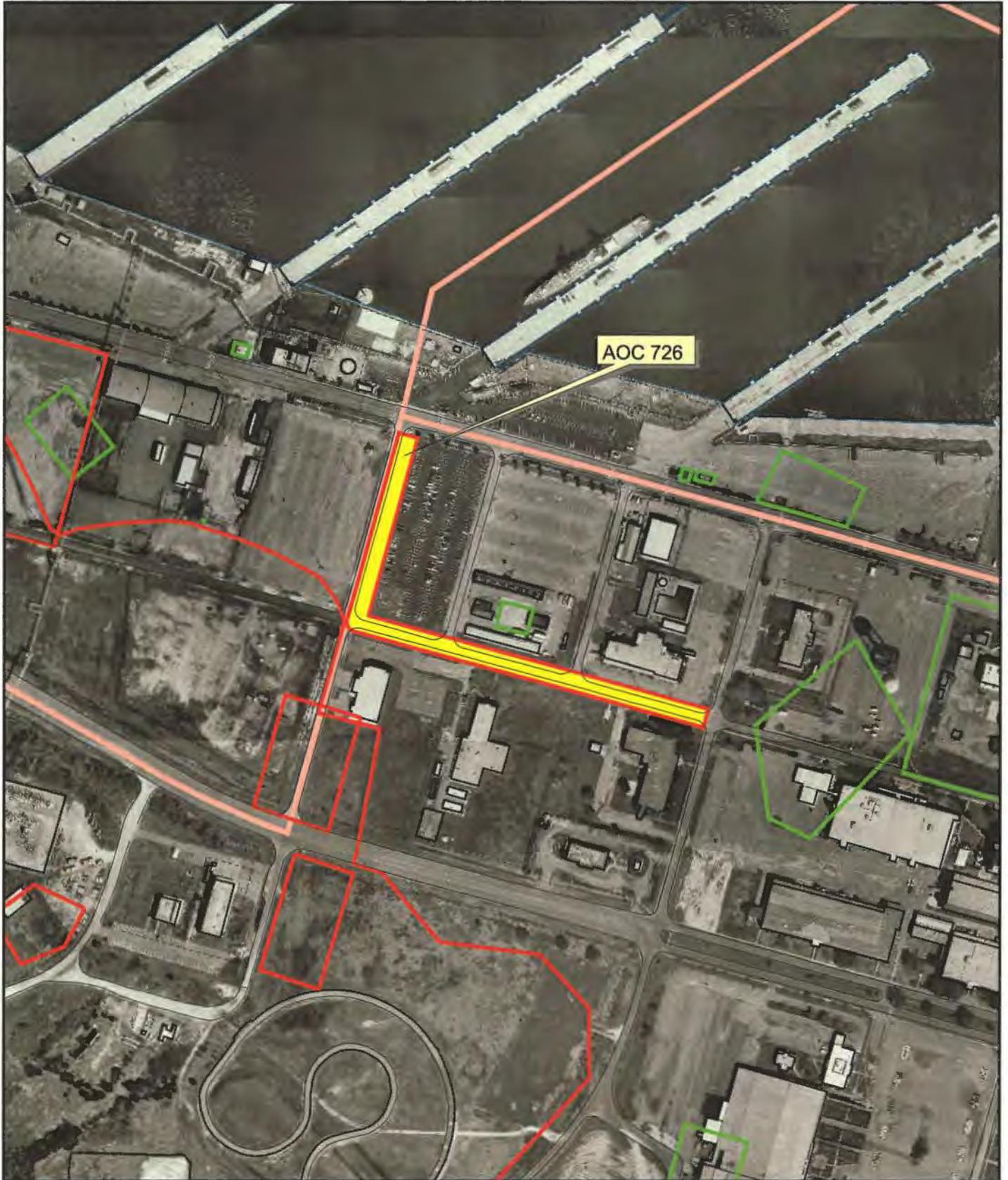
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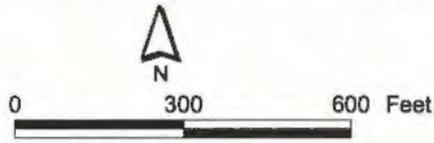
1 inch = 1571.11 feet

Figure 1-1
Location of AOC 726
Zone H
Charleston Naval Complex

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



 Active



1 inch = 339.472 feet

Figure 1-2
Aerial Photo of AOC 726
Zone H
Charleston Naval Complex

2.0 Proposed Field Sampling

2.1 Soil Sampling

The soil sampling will be comprised of two activities:

1. Collection of soil samples at previous locations where subsurface soil was previously found to be impacted by DRO for analysis for SVOCs, and
2. Collection of soil samples at new locations for analysis of VOCs.

2.1.1 Soil Sampling for SVOC Analysis

The three previous soil sampling locations at which DRO was detected are shown in Figure 2-1. At each of these locations, an additional surface (0 to 1 feet below land surface [ft bls]) and subsurface (3 to 5 ft bls) soil sample will be collected and analyzed for SVOCs using EPA Method SW-846 8270.

2.1.2 Soil Sampling for VOC Analysis

Soil sampling for VOCs is proposed for five locations at AOC 726. The proposed locations are presented in Figure 2-2. Because there are no known facilities or industrial processes associated with AOC 726 and because the previous detections of 1,1-DCE in soil did not indicate any distinct spatial pattern that would suggest a source area, no particular soil sampling locations in this area would be expected to be more likely to contain elevated VOCs. For this reason, the proposed soil sampling locations have been located across the general layout of the site.

At each of these five locations, a surface (0 to 1 ft bls) and subsurface (3 to 5 ft bls) soil sample will be collected and analyzed for VOCs using EPA Method SW-846 8260B.

2.2 Data Analysis and Screening

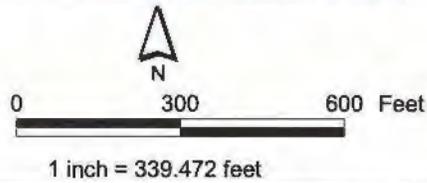
Screening of analytical results will be conducted as soon as validated results are available to determine which chemicals may be indicated as chemicals of potential concern (COPCs) and which locations may be affected. Surface soil results will be screened against the residential and industrial risk-based concentrations (RBCs) as well as SSLs, as previously agreed upon by the BCT.

- 1 Subsurface soils will be screened against SSLs as previously agreed upon by the BCT.
- 2 An evaluation and presentation of COPC screening against current criteria, as well as the
- 3 COPC/chemical of concern (COC) refinement analysis, will be presented in a CSI report.

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



Figure 2-1
Soil Sampling Locations
AOC 726 CSI
Charleston Naval Complex



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



0 200 400 Feet

1 inch = 195.606 feet

Figure 2-2
Proposed Soil Sampling Locations for VOCs
AOC 726
Charleston Naval Complex

1 **3.0 References**

- 2 U.S. Environmental Protection Agency (EPA). Office of Solid Waste and Emergency
- 3 Reponse (SW846). *Test Methods for Evaluating Solid Waste, SW-846*. Revision 4. December
- 4 1996.