CAPE[SM] Quality Assurance Review Memorandum

Roosvelt Roads-Tow Way Fuel Farm

PREPARED FOR:	Tow Way Fuel Farm
COMPLIANCE REVIEW BY:	Michael Houck / Project Chemist
PROGRAM REVIEW BY:	Christelle Newsome/Program Chemist
COPIES:	John Thomas/Project Manager
DATE:	February, 2006
SUBJECT:	Quality Assessment for Tow Way Fuel Farm Groundwater monitoring samples collected October/November 2005

On behalf of the Naval activity at Roosevelt Roads, Puerto Rico, this quality assurance review memorandum has been prepared to summarize the validation findings of analytical data generated for groundwater monitoring well samples collected in October and November 2005 at the Former Tow Way Fuel Farm. The water samples were analyzed as a part of the semi-annual groundwater monitoring activities. The chain of custodies provided in Attachment I present a summary of the CAPE sample identification numbers, dates of collection, sample matrices, and the analyses requested.

Severn Trent Laboratories, Inc. of Savannah, Georgia, served as the laboratory for this sampling event. Samples were analyzed for

- Volatile Organic Compounds (VOCs) by SW-846 Method 8260B
- Polynuclear Aromatic Hydrocarbons (PAHs) by low level GC/MS SW-846 Method 8270C
- Total Petroleum Hydrocarbons (Oil and Grease) by EPA Method 1664.

The volatile organic compounds, polynuclear aromatic hydrocarbons, and total petroleum hydrocarbon samples were analyzed in accordance with U.S. Environmental Protection Agency (EPA), *Test Methods for Evaluating Solid Waste Physical/Chemical Methods, Final Update III*, SW-846.

Additionally, the analyses were reviewed and validated for compliance to the specified analytical protocols in accordance with the U.S. Department of Defense (DOD) Quality Systems Manual, Version 1 Final (based on National Environmental Laboratory Accreditation Program [NELAP], voted Revision 12, July 1, 1999). All analytical results have been validated or qualified according to the guidance provided in U.S. Environmental Protection Agency (EPA) Region II Standard Operating Procedure (SOP) *Validating Volatile Organic Compounds by SW-846 Method 8260B*, HW-24, Revision 1, June 1999 and U.S. EPA Region II SOP *Validating Semi-volatile Organic Compounds by SW-846 Method 8270*, HW-22, Revision 2, June 2001.

The findings of this quality assurance report are based upon the comprehensive review of the following organic and classical chemistry result summaries reported according to the CAPE Level B (CLP summary forms deliverable) data deliverables format: chain of custody documentation, holding times, laboratory method and field blank analyses, surrogate compound recoveries, matrix spike compound recoveries and reproducibility, bromofluorobenzene (BFB) mass tuning results, initial and continuing calibration, second source recovery and internal standard area performance summaries, target compound identification, laboratory control sample results, laboratory and blind field duplicate sample results, detection limits/sensitivity, and electronic data deliverables.

The analyses were performed acceptably but required qualifying statements; it is recommended that the analytical data only be used with the qualifying statements provided below. Any aspects of the data not discussed in this report, should be considered qualitatively and quantitatively valid as reported, based on the deliverables reviewed. Annotated summary reports presenting the validated and qualified results are presented in Attachment II.

GENERAL DATA QUALIFIERS

As required by U.S. DOD Quality Systems Manual protocols, all compounds that were qualitatively identified at concentrations below their respective reporting limits (RL), but above the method detection limit (MDL), have been qualified with "J" qualifiers on the data summary reports to indicate that they are quantitative estimates.

ORGANIC DATA QUALIFIERS

The quantitation limits reported for all PAH compounds in the reanalysis of sample DW-2 should be considered unusable. The sample was re-extracted eleven days outside the method preparation holding time of seven days (18 days after sample collection). Holding time violations that are more than twice the allowable time are considered excessive and require rejection of the data. Therefore, an "R" qualifier was appended to the samples to indicate the reported sample results are unusable.

The quantitation limits reported for compounds in the samples below should be considered qualitatively questionable. High percent relative standard deviations during the initial calibration and/or percent differences outside method criteria between the initial and continuing calibration standards, were reported during the PAH analyses. Lack of precision during the initial and/or continuing calibration indicates instrument instability; therefore, a "J" qualifier was appended to the samples to indicate the reported limits are quantitative estimates.

Analyte	Affected Samples
benzo(g,h,i)perylene	1995 MW#9, 1995 RW#1, 1995 MW#2, 1995 MW#8, 735 SB11W, 735 DW-1, 735 MW-3, SB-12W, SB-13W, DW-2
dibenz(a,h)anthracene	1995 MW#9, 1995 RW#1, 1995 MW#2, 1995 MW#8, 1995 MW#5, 1995 MW#7, Field Blank (680-10210-1), 735 SB15W, 735 SB11W, 735 SB10W, 735 SB8W, 735 DW-1, 735 SB12W Dup, 735 MW-3, Field Blank (680-10217-1), 735 MW-2, 735 SB-9, 735 MW-1, 735 MW-4
indeno(1,2,3-cd)pyrene	1995 MW#9, 1995 RW#1, 1995 MW#2, 1995 MW#8, 735 SB11W, 735 SB10W, 735 DW-1, 735 MW-3
acenaphthylene	1995 MW#1
anthracene	1995 MW#1
phenanthrene	1995 MW#1
benzo(b)fluoranthene	SB-12W, SB-13W, DW-2
benzo(k)fluoranthene	SB-12W, SB-13W, DW-2

The quantitation limits reported for all the PAH compounds in sample 1995 MW#8 should be considered qualitatively questionable. Marginally low recovery of an internal standard outside method criteria were reported during the PAH analysis of the aforementioned sample. Low recovery of an internal standard during the sample analysis indicates a potentially low bias and potential for false negative results. In this case, the outlier was marginal, and therefore, a "J" qualifier was appended to all PAH analytes in the sample previously mentioned to indicate that the reported limits are quantitative estimates.

The positive results reported for the PAH compounds in the samples below are qualitatively invalid due to the levels in which the compounds were detected in the laboratory analysis of the field blank or method blank. The U.S. DOD Quality Systems Manual and EPA Region II

protocols require positive results for uncommon contaminants that are less than, or equal to, five times the level found in an associated laboratory method, ambient, and/or equipment blank to be considered qualitatively invalid. This has been indicated by placing "U" qualifiers next to the reported quantitative results for the compounds in the specified samples on the data summary report.

Analyte	Affected Samples
1-methylnaphthalene	1995 MW#5
2-methylnaphthalene	1995 MW#5
naphthalene	1995 MW#1, 735 SB12W Dup, 735 MW-2
phenanthrene	1995 MW#5, 1995 MW#1, 735 SB12W Dup, 735 MW-2, 735 MW-1, 735 MW-4

The percent recoveries in the laboratory control sample associated with the samples in the table below, failed biased-low for the compounds listed. As a result, non-detected results in the samples should be considered unusable. An "R" qualifier code has been appended to the detection limits for samples in the table below to indicate these results have been rejected and are not acceptable for their intended use. This should be noted when evaluating these samples for the quantative absence of these compounds.

Analyte	Affected Samples
1-methylnaphthalene	SB-12W, SB-13W, DW-2
2-methylnaphthalene	SB-12W, SB-13W, DW-2
acenaphthene	SB-12W, SB-13W, DW-2
acenaphthylene	SB-12W, SB-13W, DW-2
anthracene	SB-12W, SB-13W, DW-2
benzo(a)anthracene	SB-12W, SB-13W, DW-2
benzo(a)pyrene	SB-12W, SB-13W, DW-2
chrysene	SB-12W, SB-13W, DW-2
dibenz(a,h)anthracene	SB-12W, SB-13W, DW-2
fluorene	SB-12W, SB-13W, DW-2
fluoranthene	SB-12W, SB-13W, DW-2
indeno(1,2,3-cd)pyrene	SB-12W, SB-13W, DW-2
naphthalene	SB-12W, SB-13W, DW-2
phenanthrene	SB-12W, SB-13W, DW-2
pyrene	SB-12W, SB-13W, DW-2

SUMMARY

The analyses were performed acceptably but required qualifying statements. This analytical quality assurance report has identified the aspects of the data that required qualification. These qualifiers are noted on the summary reports (Attachment II). A support documentation package has been prepared for this quality assurance review and is filed in the project file.

Attachment I

Chains of Custody

Serial Number 69199

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location: STL Miami
Phone:
Fax:

PROJECT REFERENCE: TWFF	PROJECT NO.	PROJECT LOCATION (STATE): PR
STL (LAB) PROJECT MANAGER: Betsy Beauchamp	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: John Thomas	CLIENT PHONE	CLIENT FAX
CLIENT NAME: Cape Environmental	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE ___ OF ___

STANDARD REPORT DELIVERY ○
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	PAH (MK)	TPH (HCl)	BTEX (HCl)							REMARKS
								2	2	3							
10-18-05	11:00	SB-10W (735)		X				X	X	X							
"	11:15	DW-1 (735)		X				X	X	X							
"	/	Trip Blanks (735)		X						X							
"	11:30	SB-12W (735)		X				X	X	X							
"	12:00	Field Blank (735)		X				X	X	X							
"	12:10	DW-2 (735)		X				X	X	X							
"	12:10	DW-2 Dup (735)		X				X	X	X							
"	12:20	SB-13W (735)		X				X	X	X							
"	12:40	SB-8W (735)		X				X	X	X							4.8/5.8/5.0/5.9/6.0
"	2:10	SB-11W (735)		X				X	X	X							TEMP. 5.6
"	2:30	SB-15W (735)		X				X	X	X							
"	2:50	MW 3 (735)		X				X	X	X							

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			[signature]	10-18-05	300			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	102005	0843	YES ○ NO ○		670-9621	

STL8240-680 (12/02)

Serial Number 69198

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: TWFF	PROJECT NO.	PROJECT LOCATION (STATE): FL	PAGE / OF
STL (LAB) PROJECT MANAGER: B. Beachamp	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY ( )
CLIENT (SITE) PM: John Thomas	CLIENT PHONE	CLIENT FAX	DATE DUE _____
CLIENT NAME: Cape Environmental	CLIENT E-MAIL		EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
CLIENT ADDRESS			DATE DUE _____
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS: Hep. BTEX; H2SO4 TPH; HCl DRH

PRESERVATIVE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	Hep. BTEX	H2SO4 TPH	HCl DRH	REMARKS
10-18-05	3:15	MW-2 (735)		X				3	2	2	
"	3:30	SB-9W (735)		X				3	1	1	
"	3:45	MW-1 (735)		X				3	1	1	
"	4:00	MW-4 (735)		X				3	1	1	
"											

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			[signature]	10-18-05	4:30			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	102005	0843	YES ( ) NO ( )		680-9621	

STL8240-680 (12/02)

Serial Number 69187

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE ___ OF ___

STANDARD REPORT DELIVERY ◯
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ◯
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	BTEX	TPH	PAH	REMARKS
								NUMBER OF CONTAINERS SUBMITTED			
10-18-05	5:00	RW-1 (1995)		X				3	1	1	
"	5:30	MW #5 (1995)		X				3	2	1	
"	5:30	MW #5 Dup (1995)		X				3	1	1	
"	6:00	MW #9 (1995)		X				3	2	2	
"	6:30	MW #2 (1995)		X				3	2	2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	10/20/05	0843	YES ◯ NO ◯		680-9621	

STL8240-680 (12/02)

Serial Number 69188

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: TWFF	PROJECT NO.	PROJECT LOCATION (STATE): FL	PAGE / OF
STL (LAB) PROJECT MANAGER: B. Beauchamp	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY ○ DATE DUE
CLIENT (SITE) PM: John Thomas	CLIENT PHONE	CLIENT FAX	EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE
CLIENT NAME: Cape Environmental	CLIENT E-MAIL		
CLIENT ADDRESS			
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	BTEX	TPH	DRH									REMARKS
								HCl	HCl	None	PRESERVATIVE								
10-19-05	12:30	MW-8 (1995)						3	2	2									Field change to STL Savannah
10-19-05	1:00	MW-1 (1995)						3	2	2									
10-19-05	1:30	MW-7 (1995)						3	2	2									
10-19-05	/	MW-2 (1995)						— no access, flooded area —											

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			[signature]	10-19-05	4:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	102003	0843	YES ○ NO ○		680-9621	

STL8240-680 (12/02)

Serial Number 60450

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: TWEP	PROJECT NO.: RC-Sampling	PROJECT LOCATION (STATE): P.R	PAGE / OF
STL (LAB) PROJECT MANAGER: B. Beachamp	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY ○
CLIENT (SITE) PM: J. Thomas	CLIENT PHONE	CLIENT FAX	DATE DUE
CLIENT NAME: Cape Environmental	CLIENT E-MAIL		EXPEDITED REPORT DELIVERY (SURCHARGE) ○
CLIENT ADDRESS: STL Savannah			DATE DUE
COMPANY CONTRACTING THIS WORK (if applicable): STL Savannah			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	HCl BTEX	HCl PAH								REMARKS
								NUMBER OF CONTAINERS SUBMITTED									
11-2-05	1:45	1995 MW #9		X				2	2								
"	2:25	1995 RW #1		X					2								
"	3:00	1995 MW #2		X					2								
"	3:15	1995 MW #8		X					2								
"	2:40	1995 MW #5		X					2								
"	3:35	1995 MW #1		X					2								
"	4:00	1995 MW #7		X					2								
"		1995 MW #3		X						no access							
"	4:00	Field Blank		X					2								

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			[signature]	11-2-05	4:30			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
Lisa [signature]	11/4/05	8:50			10210	

STL8240-680 (12/02)

Serial Number 65870

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: TWPP	PROJECT NO.	PROJECT LOCATION (STATE): GA
STL (LAB) PROJECT MANAGER: B. Beachamp	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: J. Thomas	CLIENT PHONE	CLIENT FAX
CLIENT NAME: Cape Environmental	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable): STL Savannah		

PAGE 1 OF 2

STANDARD REPORT DELIVERY ☒
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS: PAH; N/A

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11-3-05	9:00	735 SB 15 W		X				2	re-sampling
11-3-05	10:10	735 SB 11 W		X				2	because PAH
11-3-05	10:30	735 SB 10 W		X				2	holding time
11-3-05	11:00	735 SB 8 W		X				2	expiration
11-3-05	11:15	735 SB 12 W		X				2	
11-3-05	11:30	735 DW-1		X				2	Sampling charge
11-3-05	11:15	735 SB 12W Dup		X				2	= $850.00
11-3-05	11:50	735 DW-2		X				2	Lodging = $130.00
11-3-05	12:10	735 SB 13 W		X				2	
									Total = $980.00

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			[signature]	11-3-05	2:00 PM			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	11/4/05	8:50	YES ○ NO ○		~~#10210~~ # 10217	

STL8240-680 (12/02)

Serial Number 65896

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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5102 LaRoche Avenue
Savannah, GA 31404

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( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: TWFF	PROJECT NO.	PROJECT LOCATION (STATE): DK	PAGE 2 OF 2
STL (LAB) PROJECT MANAGER: B. Beauchamp	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY (✓)
CLIENT (SITE) PM: J. Thomas	CLIENT PHONE	CLIENT FAX	DATE DUE
CLIENT NAME: Cape Environmental	CLIENT E-MAIL		EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
CLIENT ADDRESS			DATE DUE
COMPANY CONTRACTING THIS WORK (if applicable): SR Jacksonville			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: PAH	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11-3-05	12:30	735 MW-3		X					2	
11-3-05	12:35	Field Blank		X					2	
11-3-05	12:45	735 MW-2		X					2	
11-3-05	1:05	735 SG-9		X					2	
11-3-05	1:25	735 MW-1		X					2	
11-3-05	1:40	735 MW-4		X					2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			[signature]	11-3-05	2:00PM			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
Lisa R Wi	11/4/05	8:00	YES ( ) NO ( )		10217	

STL8240-680 (12/02)

Serial Number 60823

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
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Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: TWFF	PROJECT NO.	PROJECT LOCATION (STATE): PR	MATRIX TYPE
STL (LAB) PROJECT MANAGER: B. Beachamp	P.O. NUMBER	CONTRACT NO.	
CLIENT (SITE) PM: J. Thomas	CLIENT PHONE	CLIENT FAX	
CLIENT NAME: Cape Environmental	CLIENT E-MAIL		
CLIENT ADDRESS			
COMPANY CONTRACTING THIS WORK (if applicable): STL Savannah			

REQUIRED ANALYSIS: PAH

PAGE 1 OF 1

STANDARD REPORT DELIVERY ○
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____

PRESERVATIVE: /

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11-10-05	8:30	SB 12 W-						2	Resampling
11-10-05	8:40	SB 13 W						2	
11-10-05	9:00	DW 2						2	

TEMP. 4.2°C

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS	11-10-05	12:00						
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
EMPTY CONTAINERS								

STL8240-680 (12/02)

Attachment II

Summary Reports

SEVERN TRENT STL

Certificate of Analysis

I certify that the sample analysis reported have been performed in accordance with the Standars Methods,Procedures,and Guidelines published by U.S.Environmental Protection Agency(EPA) and or by Severn Trent Laboratories Internal Methods approved by the regulatory agencies.I also certify that the sampling and analysis activities complied with the requirements set forth by the PUERTO RICO ENVIRONMENTAL QUALITY BOARD(EQB),that all chemical analysis were performed following Good Laboratory Practices, either by or under direct supervision of a chemist and that the analytical data was reviewed by a Puerto Rico Licensed Chemist.

Company: Cape Environmental

Client: Mr. John Thomas

Job Description: TWFF Roosevelt Road Base

Sample Identification:

SB-18W/735/10-18-05/11:00	SB-11W/735/10-18-05/14:10
DW-1/735/10-18-05/11:15	SB-15W/735/10-18-05/14:30
Trip Blank/735/10-18-05	MW-3/735/10-18-05/14:50
SB-12W/735/10-18-05/11:30	MW-2/735/10-18-05/15:15
Field Blank/735/10-18-05/12:00	SB-9W/735/10-18-05/15:30
DW-2/735/10-18-05/12:10	MW-1/735/10-18-05/15:45
DW-2 Dup/735/10-18-05/12:10	MW-4/735/10-18-05/16:00
SB-13W/735/10-18-05/12:20	RW-1/1995/10-18-05/17:00
SB-8W/735/10-18-05/12:40	MW#5/1995/10-18-05/17:30
MW#5 DUP/1995/10-18-05/17:30	MW#9/1995/10-18-05/18:00
	MW#2/1995/10-18-05/18:30
	MW-8/1995/10-19-05/12:30
	MW-1/1995/10-19-05/13:00
	MW-7/1995/10-19-05/13:30
	MW-3/1995/10-19-05

Sample Collected By: Juan Redondo/ Vicente Perez

Date Certified: January 23, 2006

Result: See Attached Reports

Lcda. Maritza Vázquez Pantoja
P. R. Chem. Lic. 1386

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Maritza Vázquez
Lic. 1386
A 1060194
QUIMICO LICENCIADO

SEVERN TRENT STL

Certificate of Analysis

I certify that the sample analysis reported have been performed in accordance with the Standars Methods,Procedures,and Guidelines published by U.S.Environmental Protection Agency(EPA) and or by Severn Trent Laboratories Internal Methods approved by the regulatory agencies.I also certify that the sampling and analysis activities complied with the requirements set forth by the PUERTO RICO ENVIRONMENTAL QUALITY BOARD(EQB),that all chemical analysis were performed following Good Laboratory Practices, either by or under direct supervision of a chemist and that the analytical data was reviewed by a Puerto Rico Licensed Chemist.

Company: Cape Environmental

Client: Mr. John Thomas

Job Description: TWFF Roosevelt Road Base

Sample Identification:

1995 MW#9/11-02-05/13:45	735 MW-3/11-03-05
1995 MW#1/11-02-05/14:25	Field Blank/11-03-05/12:35
1995 MW#2/11-02-05/15:00	735 MW-2/11-03-05/12:45
1995 MW#8/11-02-05/15:15	735 SB-9/11-03-05/13:05
1995 MW#5/11-02-05/14:40	735 MW-1/11-03-05/13:25
1995 MW#1/11-02-05/15:35	735 MW-4/11-03-0513:40
1995 MW#7/11-02-05/16:00	
Field Blank/11-02-05	

Sample Collected By: Juan Redondo/ Vicente Perez

Sample Analyzed by: Severn Trent Laboratories, Inc.
5102 La Roche Avenue
Savannah, GA 31404

Date Certified: January 23, 2006

Result: See Attached Reports

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Maritza Vázquez Lic. 1386
A 1060193
QUIMICO LICENCIADO

Lcda. Maritza Vázquez Pantoja
P. R. Chem. Lic. 1386

SEVERN TRENT STL

Certificate of Analysis

I certify that the sample analysis reported have been performed in accordance with the Standars Methods,Procedures,and Guidelines published by U.S.Environmental Protection Agency(EPA) and or by Severn Trent Laboratories Internal Methods approved by the regulatory agencies.I also certify that the sampling and analysis activities complied with the requirements set forth by the PUERTO RICO ENVIRONMENTAL QUALITY BOARD(EQB),that all chemical analysis were performed following Good Laboratory Practices, either by or under direct supervision of a chemist and that the analytical data was reviewed by a Puerto Rico Licensed Chemist.

Company: Cape Environmental

Client: Mr. John Thomas

Job Description: TWFF Roosevelt Road Base

Sample Identification: SB12W/11-10-05/08:30
SB13W/11-10-05/08:40
DW/11-10-05/09:00

Sample Collected By: Ana M. Pagan

Sample Analyzed by: Severn Trent Laboratories, Inc.
5102 La Roche Avenue
Savannah, GA 31404

Date Certified: January 23, 2006

Result: See Attached Reports

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Maritza Vázquez Lic. 1386
A 1060183
QUIMICO LICENCIADO

Lcda. Maritza Vázquez Pantoja
P. R. Chem. Lic. 1386

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-10W

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-1

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0715.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/26/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: DW-1

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-2

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0717.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/26/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: TRIP BLANK

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-3

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0711.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/26/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-12W

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-4

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0719.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/26/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: FIELD BLANK

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-5

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0713.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/26/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: DW-2

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-6

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0721.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/26/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: DW-2 DUP

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-7

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0723.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/26/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-13W

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-8

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0725.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/26/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-13WRA

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-8 RA

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0818.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/31/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-8W

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-9

Sample wt/vol: 5 (g/mL) mL | Lab File ID: p0820.d

Level: (low/med) | Date Received: 10/20/05

% Moisture: not dec. | Date Analyzed: 10/31/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-11W

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-10

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0822.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/31/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-15W

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-11

Sample wt/vol: 5 (g/mL) mL | Lab File ID: p0824.d

Level: (low/med) | Date Received: 10/20/05

% Moisture: not dec. | Date Analyzed: 10/31/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW-3

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-12

Sample wt/vol: 5 (g/mL) mL | Lab File ID: p0826.d

Level: (low/med) | Date Received: 10/20/05

% Moisture: not dec. | Date Analyzed: 10/31/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW-2

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-13

Sample wt/vol: 5 (g/mL) mL | Lab File ID: p0828.d

Level: (low/med) | Date Received: 10/20/05

% Moisture: not dec. | Date Analyzed: 10/31/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: SB-9W

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-14

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0830.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/31/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.4	
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW-1

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-15

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0832.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/31/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW-4

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-16

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0746.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/27/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW-8

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-17

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0748.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/27/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW-1

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-18

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0750.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/27/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW-7

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-19

Sample wt/vol: 5 (g/mL) mL | Lab File ID: p0884.d

Level: (low/med) | Date Received: 10/20/05

% Moisture: not dec. | Date Analyzed: 10/31/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	33	
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: RW-1

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-20

Sample wt/vol: 5 (g/mL) mL | Lab File ID: p0752.d

Level: (low/med) | Date Received: 10/20/05

% Moisture: not dec. | Date Analyzed: 10/27/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW#5

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-21

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0834.d

Level: (low/med) Date Received: 10/20/05

% Moisture: not dec. Date Analyzed: 10/31/05

GC Column: ID: (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW#5 DUP

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-22

Sample wt/vol: 5 (g/mL) mL | Lab File ID: p0836.d

Level: (low/med) | Date Received: 10/20/05

% Moisture: not dec. | Date Analyzed: 10/31/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: MW#2

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-24

Sample wt/vol: 5 (g/mL) mL Lab File ID: p0838.d

Level: (low/med) _____ Date Received: 10/20/05

% Moisture: not dec. _____ Date Analyzed: 10/31/05

GC Column: _____ ID: _____ (mm) Dilution Factor: 1

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: MW-8

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-17

Sample wt/vol: 1060 (g/mL) mL | Lab File ID: d4346.d

Level: (low/med) Low | Date Received: 10/20/05

% Moisture: _____ Decanted: (Y/N) ___ | Date Extracted: 10/26/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/01/05

Injection Volume: _____ (uL) | Dilution Factor: 100

GPC Cleanup: (Y/N) _____ pH: _____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	30	
91-57-6	2-Methylnaphthalene	26	
83-32-9	Acenaphthene	19	U
208-96-8	Acenaphthylene	19	U
120-12-7	Anthracene	19	U
56-55-3	Benzo[a]anthracene	19	U
50-32-8	Benzo[a]pyrene	19	U
205-99-2	Benzo[b]fluoranthene	19	U
191-24-2	Benzo[g,h,i]perylene	19	U
207-08-9	Benzo[k]fluoranthene	19	U
218-01-9	Chrysene	19	U
53-70-3	Dibenz(a,h)anthracene	19	U
206-44-0	Fluoranthene	19	U
86-73-7	Fluorene	19	U
193-39-5	Indeno[1,2,3-cd]pyrene	19	U
91-20-3	Naphthalene	19	U
85-01-8	Phenanthrene	19	U
129-00-0	Pyrene	19	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: MW-1

Lab Name: STL Savannah | Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-9621-18

Sample wt/vol: 1060 (g/mL) mL | Lab File ID: d4347.d

Level: (low/med) Low | Date Received: 10/20/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 10/26/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/01/05

Injection Volume: ____ (uL) | Dilution Factor: 50

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	38	
91-57-6	2-Methylnaphthalene	41	
83-32-9	Acenaphthene	9.4	U
208-96-8	Acenaphthylene	9.4	U
120-12-7	Anthracene	9.4	U
56-55-3	Benzo[a]anthracene	9.4	U
50-32-8	Benzo[a]pyrene	9.4	U
205-99-2	Benzo[b]fluoranthene	9.4	U
191-24-2	Benzo[g,h,i]perylene	9.4	U
207-08-9	Benzo[k]fluoranthene	9.4	U
218-01-9	Chrysene	9.4	U
53-70-3	Dibenz(a,h)anthracene	9.4	U
206-44-0	Fluoranthene	9.4	U
86-73-7	Fluorene	9.4	U
193-39-5	Indeno[1,2,3-cd]pyrene	9.4	U
91-20-3	Naphthalene	20	
85-01-8	Phenanthrene	12	
129-00-0	Pyrene	9.4	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: MW-7

Lab Name: STL Savannah Job No.: 680-9621-1

SDG No.: TWFF9621 (Level III)

Matrix: (soil/water) Water Lab Sample ID: 680-9621-19

Sample wt/vol: 1060 (g/mL) mL Lab File ID: d4348.d

Level: (low/med) Low Date Received: 10/20/05

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 10/26/05

Concentrated Extract Volume: 1 mL Date Analyzed: 11/01/05

Injection Volume: _____ (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) _____ pH: _____ Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	35	
91-57-6	2-Methylnaphthalene	36	
83-32-9	Acenaphthene	9.4	U
208-96-8	Acenaphthylene	9.4	U
120-12-7	Anthracene	9.4	U
56-55-3	Benzo[a]anthracene	9.4	U
50-32-8	Benzo[a]pyrene	9.4	U
205-99-2	Benzo[b]fluoranthene	9.4	U
191-24-2	Benzo[g,h,i]perylene	9.4	U
207-08-9	Benzo[k]fluoranthene	9.4	U
218-01-9	Chrysene	9.4	U
53-70-3	Dibenz(a,h)anthracene	9.4	U
206-44-0	Fluoranthene	9.4	U
86-73-7	Fluorene	9.4	U
193-39-5	Indeno[1,2,3-cd]pyrene	9.4	U
91-20-3	Naphthalene	15	
85-01-8	Phenanthrene	10	
129-00-0	Pyrene	9.4	U

Client: Cape Environmental Management, Inc.

Job Number: 680-9621-1
Sdg Number: TWFF9621 (Level III)

General Chemistry

Client Sample ID: **SB-10W**

Lab Sample ID: 680-9621-1
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	15		mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **DW-1**

Lab Sample ID: 680-9621-2
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **SB-12W**

Lab Sample ID: 680-9621-4
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **FIELD BLANK**

Lab Sample ID: 680-9621-5FB
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **DW-2**

Lab Sample ID: 680-9621-6
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Client: Cape Environmental Management, Inc.

Job Number: 680-9621-1
Sdg Number: TWFF9621 (Level III)

General Chemistry

Client Sample ID: **DW-2**

Lab Sample ID: 680-9621-6
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **DW-2 DUP**

Lab Sample ID: 680-9621-7FD
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **SB-13W**

Lab Sample ID: 680-9621-8
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	74		mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **SB-8W**

Lab Sample ID: 680-9621-9
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **SB-11W**

Lab Sample ID: 680-9621-10
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

General Chemistry

Client Sample ID: **SB-11W**

Lab Sample ID: 680-9621-10
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **SB-15W**

Lab Sample ID: 680-9621-11
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW-3**

Lab Sample ID: 680-9621-12
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW-2**

Lab Sample ID: 680-9621-13
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **SB-9W**

Lab Sample ID: 680-9621-14
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

General Chemistry

Client Sample ID: **SB-9W**

Lab Sample ID: 680-9621-14
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	11		mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW-1**

Lab Sample ID: 680-9621-15
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW-4**

Lab Sample ID: 680-9621-16
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW-8**

Lab Sample ID: 680-9621-17
Client Matrix: Water

Date Sampled: 10/19/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW-1**

Lab Sample ID: 680-9621-18
Client Matrix: Water

Date Sampled: 10/19/2005 0000
Date Received: 10/20/2005 1443

Client: Cape Environmental Management, Inc.

Job Number: 680-9621-1
Sdg Number: TWFF9621 (Level III)

General Chemistry

Client Sample ID: **MW-1**

Lab Sample ID: 680-9621-18
Client Matrix: Water

Date Sampled: 10/19/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW-7**

Lab Sample ID: 680-9621-19
Client Matrix: Water

Date Sampled: 10/19/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **RW-1**

Lab Sample ID: 680-9621-20
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26568 Date Analyzed 10/27/2005 1634
Prep Batch: 680-26437 Date Prepared: 10/27/2005 0753

Client Sample ID: **MW#5**

Lab Sample ID: 680-9621-21
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26905 Date Analyzed 11/01/2005 0745
Prep Batch: 680-26757 Date Prepared: 10/31/2005 0819

Client Sample ID: **MW#5 DUP**

Lab Sample ID: 680-9621-22FD
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Client: Cape Environmental Management, Inc.

Job Number: 680-9621-1
Sdg Number: TWFF9621 (Level III)

General Chemistry

Client Sample ID: **MW#5 DUP**

Lab Sample ID: 680-9621-22FD
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26905 Date Analyzed 11/01/2005 0745
Prep Batch: 680-26757 Date Prepared: 10/31/2005 0819

Client Sample ID: **MW#9**

Lab Sample ID: 680-9621-23
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26905 Date Analyzed 11/01/2005 0745
Prep Batch: 680-26757 Date Prepared: 10/31/2005 0819

Client Sample ID: **MW#2**

Lab Sample ID: 680-9621-24
Client Matrix: Water

Date Sampled: 10/18/2005 0000
Date Received: 10/20/2005 1443

Analyte	Result	Qual	Units	RL	Dil	Method
Total Petroleum Hydrocarbons	5.0	U	mg/L	5.0	1.0	1664A

Anly Batch: 680-26905 Date Analyzed 11/01/2005 0745
Prep Batch: 680-26757 Date Prepared: 10/31/2005 0819

Form 1
Volatile Organic Compounds by GC/MS

Client Sample ID: 1995 MW #9

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-1

Sample wt/vol: 5 (g/mL) mL | Lab File ID: o1792.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: not dec. | Date Analyzed: 11/10/05

GC Column: ID: (mm) | Dilution Factor: 1

Soil Extract Volume: (uL) | Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1330-20-7	Xylenes, Total	2.0	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 1995 MW #9

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-1

Sample wt/vol: 900 (g/mL) mL | Lab File ID: d4601.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/23/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.22	U
91-57-6	2-Methylnaphthalene	0.22	U
83-32-9	Acenaphthene	0.22	U
208-96-8	Acenaphthylene	0.22	U
120-12-7	Anthracene	0.22	U
56-55-3	Benzo[a]anthracene	0.22	U
50-32-8	Benzo[a]pyrene	0.22	U
205-99-2	Benzo[b]fluoranthene	0.22	U
191-24-2	Benzo[g,h,i]perylene	0.22	UJ
207-08-9	Benzo[k]fluoranthene	0.22	U
218-01-9	Chrysene	0.22	U
53-70-3	Dibenz(a,h)anthracene	0.22	UJ
86-73-7	Fluorene	0.22	U
206-44-0	Fluoranthene	0.22	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	UJ
91-20-3	Naphthalene	0.22	U
85-01-8	Phenanthrene	0.22	U
129-00-0	Pyrene	0.22	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 1995 RW #1

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-2

Sample wt/vol: 1000 (g/mL) mL | Lab File ID: d4602.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: _____ Decanted: (Y/N) ___ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/23/05

Injection Volume: _____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) _____ pH: _____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.20	U
91-57-6	2-Methylnaphthalene	0.20	U
83-32-9	Acenaphthene	0.20	U
208-96-8	Acenaphthylene	0.20	U
120-12-7	Anthracene	0.20	U
56-55-3	Benzo[a]anthracene	0.20	U
50-32-8	Benzo[a]pyrene	0.20	U
205-99-2	Benzo[b]fluoranthene	0.20	U
191-24-2	Benzo[g,h,i]perylene	0.20	UJ
207-08-9	Benzo[k]fluoranthene	0.20	U
218-01-9	Chrysene	0.20	U
53-70-3	Dibenz(a,h)anthracene	0.20	UJ
86-73-7	Fluorene	0.20	U
206-44-0	Fluoranthene	0.20	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.20	UJ
91-20-3	Naphthalene	0.20	U
85-01-8	Phenanthrene	0.20	U
129-00-0	Pyrene	0.20	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 1995 MW #2

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-3

Sample wt/vol: 900 (g/mL) mL | Lab File ID: d4603.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ___ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/23/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.22	U
91-57-6	2-Methylnaphthalene	0.22	U
83-32-9	Acenaphthene	0.22	U
208-96-8	Acenaphthylene	0.22	U
120-12-7	Anthracene	0.22	U
56-55-3	Benzo[a]anthracene	0.22	U
50-32-8	Benzo[a]pyrene	0.22	U
205-99-2	Benzo[b]fluoranthene	0.22	U
191-24-2	Benzo[g,h,i]perylene	0.22	U J
207-08-9	Benzo[k]fluoranthene	0.22	U
218-01-9	Chrysene	0.22	U
53-70-3	Dibenz(a,h)anthracene	0.22	U J
86-73-7	Fluorene	0.22	U
206-44-0	Fluoranthene	0.22	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U J
91-20-3	Naphthalene	0.22	U
85-01-8	Phenanthrene	0.22	U
129-00-0	Pyrene	0.22	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 1995 MW #8

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-4

Sample wt/vol: 900 (g/mL) mL | Lab File ID: d4604.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/23/05

Injection Volume: ____ (uL) | Dilution Factor: 200

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	44	U
91-57-6	2-Methylnaphthalene	44	U
83-32-9	Acenaphthene	44	U
208-96-8	Acenaphthylene	44	U
120-12-7	Anthracene	44	U
56-55-3	Benzo[a]anthracene	44	U
50-32-8	Benzo[a]pyrene	44	U
205-99-2	Benzo[b]fluoranthene	44	U
191-24-2	Benzo[g,h,i]perylene	44	U
207-08-9	Benzo[k]fluoranthene	44	U
218-01-9	Chrysene	44	U
53-70-3	Dibenz(a,h)anthracene	44	U
86-73-7	Fluorene	44	U
206-44-0	Fluoranthene	44	U
193-39-5	Indeno[1,2,3-cd]pyrene	44	U
91-20-3	Naphthalene	44	U
85-01-8	Phenanthrene	44	U
129-00-0	Pyrene	44	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 1995 MW #5

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-5

Sample wt/vol: 900 (g/mL) mL | Lab File ID: k0360.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.020 ~~0.013~~	~~J~~ U
91-57-6	2-Methylnaphthalene	0.020 ~~0.014~~	~~J~~ U
83-32-9	Acenaphthene	0.22	U
208-96-8	Acenaphthylene	0.22	U
120-12-7	Anthracene	0.22	U
56-55-3	Benzo[a]anthracene	0.22	U
50-32-8	Benzo[a]pyrene	0.22	U
205-99-2	Benzo[b]fluoranthene	0.22	U
191-24-2	Benzo[g,h,i]perylene	0.22	U
207-08-9	Benzo[k]fluoranthene	0.22	U
218-01-9	Chrysene	0.22	U
53-70-3	Dibenz(a,h)anthracene	0.22	U J
86-73-7	Fluorene	0.22	U
206-44-0	Fluoranthene	0.22	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U
91-20-3	Naphthalene	0.22	U
85-01-8	Phenanthrene	0.019	~~J B~~ U
129-00-0	Pyrene	0.22	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 1995 MW #1

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-6

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: k0517.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 12/04/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.56	
91-57-6	2-Methylnaphthalene	0.50	
83-32-9	Acenaphthene	0.19	U
208-96-8	Acenaphthylene	0.19	UJ
120-12-7	Anthracene	0.19	UJ
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	U
86-73-7	Fluorene	0.19	U
206-44-0	Fluoranthene	0.013	J
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	U
91-20-3	Naphthalene	0.33	u
85-01-8	Phenanthrene	0.19	UJ
129-00-0	Pyrene	0.022	J

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 1995 MW #7

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-7

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: k0369.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 10

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	55	
91-57-6	2-Methylnaphthalene	56	
83-32-9	Acenaphthene	1.9	U
208-96-8	Acenaphthylene	1.9	U
120-12-7	Anthracene	1.9	U
56-55-3	Benzo[a]anthracene	5.8	
50-32-8	Benzo[a]pyrene	8.1	
205-99-2	Benzo[b]fluoranthene	21	
191-24-2	Benzo[g,h,i]perylene	8.8	
207-08-9	Benzo[k]fluoranthene	1.9	U
218-01-9	Chrysene	11	
53-70-3	Dibenz(a,h)anthracene	1.9	UJ
86-73-7	Fluorene	1.9	U
206-44-0	Fluoranthene	14	
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	
91-20-3	Naphthalene	1.9	U
85-01-8	Phenanthrene	36	B
129-00-0	Pyrene	15	

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: Field Blank

Lab Name: STL Savannah | Job No.: 680-10210-1

SDG No.: TWFF10210 (LEVEL III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10210-8

Sample wt/vol: 1060 (g/mL) mL | Lab File ID: k0361.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ___ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.012	J
91-57-6	2-Methylnaphthalene	0.021	J
83-32-9	Acenaphthene	0.19	U
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	UJ
86-73-7	Fluorene	0.19	U
206-44-0	Fluoranthene	0.19	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	U
91-20-3	Naphthalene	0.44	
85-01-8	Phenanthrene	0.19	U
129-00-0	Pyrene	0.19	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 SB15W

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-1

Sample wt/vol: 1060 (g/mL) mL | Lab File ID: k0368.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ___ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.67	
91-57-6	2-Methylnaphthalene	0.64	
83-32-9	Acenaphthene	0.15	J
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.036	J
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.064	J
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~ UJ
86-73-7	Fluorene	0.18	J
206-44-0	Fluoranthene	0.10	J
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	U
91-20-3	Naphthalene	0.19	U
85-01-8	Phenanthrene	0.41	B
129-00-0	Pyrene	0.12	J

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 SB11W

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-2

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: d4606.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: _____ Decanted: (Y/N) ___ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/23/05

Injection Volume: _____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) _____ pH: _____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q	
90-12-0	1-Methylnaphthalene	0.19	U	
91-57-6	2-Methylnaphthalene	0.19	U	
83-32-9	Acenaphthene	0.73		
208-96-8	Acenaphthylene	0.19	U	
120-12-7	Anthracene	0.19	U	
56-55-3	Benzo[a]anthracene	0.19	U	
50-32-8	Benzo[a]pyrene	0.19	U	
205-99-2	Benzo[b]fluoranthene	0.19	U	
191-24-2	Benzo[g,h,i]perylene	0.19	~~U~~	UJ UJ
207-08-9	Benzo[k]fluoranthene	0.19	U	
218-01-9	Chrysene	0.19	U	
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~	UJ
86-73-7	Fluorene	1.3		
206-44-0	Fluoranthene	0.19	U	
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	~~U~~	UJ
91-20-3	Naphthalene	0.19	U	
85-01-8	Phenanthrene	1.3	B	
129-00-0	Pyrene	0.19	U	

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 SB10W

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-3

Sample wt/vol: 1060 (g/mL) mL | Lab File ID: d4631.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/27/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	14	
91-57-6	2-Methylnaphthalene	9.0	
83-32-9	Acenaphthene	1.2	
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	~~U~~ UJ
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~ UJ
86-73-7	Fluorene	3.1	
206-44-0	Fluoranthene	0.19	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	~~U~~ UJ
91-20-3	Naphthalene	0.19	U
85-01-8	Phenanthrene	2.5	B
129-00-0	Pyrene	0.19	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 SB8W

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-4

Sample wt/vol: 960 (g/mL) mL | Lab File ID: k0373.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/08/05

Concentrated Extract Volume: ____ | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	750	
91-57-6	2-Methylnaphthalene	600	
83-32-9	Acenaphthene	95	J
208-96-8	Acenaphthylene	200	U
120-12-7	Anthracene	200	U
56-55-3	Benzo[a]anthracene	200	U
50-32-8	Benzo[a]pyrene	200	U
205-99-2	Benzo[b]fluoranthene	200	U
191-24-2	Benzo[g,h,i]perylene	200	~~U~~ UJ U
207-08-9	Benzo[k]fluoranthene	200	U
218-01-9	Chrysene	200	U
53-70-3	Dibenz(a,h)anthracene	200	~~U~~ UJ
86-73-7	Fluorene	190	J
206-44-0	Fluoranthene	11	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	~~U~~ UJ U
91-20-3	Naphthalene	290	
85-01-8	Phenanthrene	160	J B
129-00-0	Pyrene	19	J

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 DW-1

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-6

Sample wt/vol: 900 (g/mL) mL | Lab File ID: d4632.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/27/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.35	
91-57-6	2-Methylnaphthalene	0.24	
83-32-9	Acenaphthene	0.25	
208-96-8	Acenaphthylene	0.22	U
120-12-7	Anthracene	0.22	U
56-55-3	Benzo[a]anthracene	0.22	U
50-32-8	Benzo[a]pyrene	0.22	U
205-99-2	Benzo[b]fluoranthene	0.22	U
191-24-2	Benzo[g,h,i]perylene	0.22	~~U~~ UJ
207-08-9	Benzo[k]fluoranthene	0.22	U
218-01-9	Chrysene	0.22	U
53-70-3	Dibenz(a,h)anthracene	0.22	~~U~~ UJ
86-73-7	Fluorene	0.22	U
206-44-0	Fluoranthene	0.22	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	~~U~~ UJ
91-20-3	Naphthalene	0.22	U
85-01-8	Phenanthrene	0.22	U
129-00-0	Pyrene	0.22	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 SB12W Dup

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-7

Sample wt/vol: 900 (g/mL) mL | Lab File ID: k0362.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: _____ Decanted: (Y/N) ___ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: _____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) _____ pH: _____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q	
90-12-0	1-Methylnaphthalene	0.37		
91-57-6	2-Methylnaphthalene	0.30		
83-32-9	Acenaphthene	0.034	J	
208-96-8	Acenaphthylene	0.22	U	
120-12-7	Anthracene	0.22	U	
56-55-3	Benzo[a]anthracene	0.22	U	
50-32-8	Benzo[a]pyrene	0.22	U	
205-99-2	Benzo[b]fluoranthene	0.22	U	
191-24-2	Benzo[g,h,i]perylene	0.22	U	
207-08-9	Benzo[k]fluoranthene	0.22	U	
218-01-9	Chrysene	0.22	U	
53-70-3	Dibenz(a,h)anthracene	0.22	~~U~~	UJ
86-73-7	Fluorene	0.062	J	
206-44-0	Fluoranthene	0.026	J	
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	
91-20-3	Naphthalene	0.18	~~J~~	U
85-01-8	Phenanthrene	0.081	~~J B~~	U
129-00-0	Pyrene	0.025	J	

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 MW-3

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-10

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: d4633.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: _____ Decanted: (Y/N) ___ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/27/05

Injection Volume: _____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) _____ pH: _____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q	
90-12-0	1-Methylnaphthalene	0.19	U	
91-57-6	2-Methylnaphthalene	0.19	U	
83-32-9	Acenaphthene	0.19	U	
208-96-8	Acenaphthylene	0.19	U	
120-12-7	Anthracene	0.19	U	
56-55-3	Benzo[a]anthracene	0.19	U	
50-32-8	Benzo[a]pyrene	0.19	U	
205-99-2	Benzo[b]fluoranthene	0.19	U	
191-24-2	Benzo[g,h,i]perylene	0.19	~~U~~	uJ
207-08-9	Benzo[k]fluoranthene	0.19	U	
218-01-9	Chrysene	0.19	U	
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~	uJ
86-73-7	Fluorene	0.19	U	
206-44-0	Fluoranthene	0.19	U	
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	~~U~~	uJ
91-20-3	Naphthalene	0.19	U	
85-01-8	Phenanthrene	0.19	U	
129-00-0	Pyrene	0.19	U	

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: Field Blank

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-11

Sample wt/vol: 1060 (g/mL) mL | Lab File ID: k0363.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.020	J
91-57-6	2-Methylnaphthalene	0.019	J
83-32-9	Acenaphthene	0.19	U
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~ UJ
86-73-7	Fluorene	0.19	U
206-44-0	Fluoranthene	0.19	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	U
91-20-3	Naphthalene	0.45	~~U~~ [illegible] 1/26/06
85-01-8	Phenanthrene	0.19	U
129-00-0	Pyrene	0.19	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 MW-2

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-12

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: k0364.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.40	
91-57-6	2-Methylnaphthalene	0.27	
83-32-9	Acenaphthene	0.030	J
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~ UJ
86-73-7	Fluorene	0.037	J
206-44-0	Fluoranthene	0.016	J
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	U
91-20-3	Naphthalene	0.21	U
85-01-8	Phenanthrene	0.048	~~J B~~ U
129-00-0	Pyrene	0.017	J

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 SB-9

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-13

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: k0365.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	2.8	
91-57-6	2-Methylnaphthalene	1.1	
83-32-9	Acenaphthene	0.19	U
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~ UJ
86-73-7	Fluorene	0.19	U
206-44-0	Fluoranthene	0.19	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	U
91-20-3	Naphthalene	0.19	U
85-01-8	Phenanthrene	1.8	B
129-00-0	Pyrene	0.19	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 MW-1

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-14

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: k0366.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.33	
91-57-6	2-Methylnaphthalene	0.18	J
83-32-9	Acenaphthene	0.11	J
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~ UJ
86-73-7	Fluorene	0.19	U
206-44-0	Fluoranthene	0.19	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.19	U
91-20-3	Naphthalene	0.20	U
85-01-8	Phenanthrene	0.19	U
129-00-0	Pyrene	0.19	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: 735 MW-4

Lab Name: STL Savannah | Job No.: 680-10217-1

SDG No.: TWFF10217 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10217-15

Sample wt/vol: 1040 (g/mL) mL | Lab File ID: k0367.d

Level: (low/med) Low | Date Received: 11/04/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/07/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/13/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.33	
91-57-6	2-Methylnaphthalene	0.24	
83-32-9	Acenaphthene	0.025	J
208-96-8	Acenaphthylene	0.19	U
120-12-7	Anthracene	0.19	U
56-55-3	Benzo[a]anthracene	0.19	U
50-32-8	Benzo[a]pyrene	0.19	U
205-99-2	Benzo[b]fluoranthene	0.19	U
191-24-2	Benzo[g,h,i]perylene	0.19	U
207-08-9	Benzo[k]fluoranthene	0.19	U
218-01-9	Chrysene	0.19	U
53-70-3	Dibenz(a,h)anthracene	0.19	~~U~~ UJ
86-73-7	Fluorene	0.042	J
206-44-0	Fluoranthene	0.19	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U
91-20-3	Naphthalene	0.14	~~J~~ U
85-01-8	Phenanthrene	0.19	U
129-00-0	Pyrene	0.19	U

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: SB - 12W

Lab Name: STL Savannah | Job No.: 680-10499-1

SDG No.: TWFF10499 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10499-1

Sample wt/vol: 920 (g/mL) mL | Lab File ID: d4592.d

Level: (low/med) Low | Date Received: 11/11/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/17/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/23/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q	
90-12-0	1-Methylnaphthalene	0.22	~~U~~	UJ R
91-57-6	2-Methylnaphthalene	0.22	~~U~~	
83-32-9	Acenaphthene	0.22	~~U~~	
208-96-8	Acenaphthylene	0.22	~~U~~	
120-12-7	Anthracene	0.22	~~U~~	
56-55-3	Benzo[a]anthracene	0.22	~~U~~	
50-32-8	Benzo[a]pyrene	0.22	~~U~~	
205-99-2	Benzo[b]fluoranthene	0.22	~~U~~	UJ
191-24-2	Benzo[g,h,i]perylene	0.22	~~U~~	UJ
207-08-9	Benzo[k]fluoranthene	0.22	~~U~~	
218-01-9	Chrysene	0.22	~~U~~	R
53-70-3	Dibenz(a,h)anthracene	0.22	~~U~~	UJ
86-73-7	Fluorene	0.22	~~U~~	
206-44-0	Fluoranthene	0.22	~~U~~	
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	~~U~~	UJ
91-20-3	Naphthalene	0.22	~~U~~	
85-01-8	Phenanthrene	0.22	~~U~~	
129-00-0	Pyrene	0.22	~~U~~	

MM 1/4/06

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: SB - 13W

Lab Name: STL Savannah | Job No.: 680-10499-1

SDG No.: TWFF10499 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10499-2

Sample wt/vol: 980 (g/mL) mL | Lab File ID: d4593.d

Level: (low/med) Low | Date Received: 11/11/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/17/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 11/23/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q	
90-12-0	1-Methylnaphthalene	6.9	~~B~~	R
91-57-6	2-Methylnaphthalene	0.20	~~U~~	
83-32-9	Acenaphthene	0.20	~~U~~	
208-96-8	Acenaphthylene	0.20	~~U~~	
120-12-7	Anthracene	0.20	~~U~~	
56-55-3	Benzo[a]anthracene	0.20	~~U~~	
50-32-8	Benzo[a]pyrene	0.20	~~U~~	
205-99-2	Benzo[b]fluoranthene	0.20	~~U~~	UJ
191-24-2	Benzo[g,h,i]perylene	0.20	~~U~~	UJ
207-08-9	Benzo[k]fluoranthene	0.20	~~U~~	UJ
218-01-9	Chrysene	0.20	~~U~~	R
53-70-3	Dibenz(a,h)anthracene	0.20	~~U~~	~~UJ~~ R
86-73-7	Fluorene	0.20	~~U~~	
206-44-0	Fluoranthene	0.20	~~U~~	
193-39-5	Indeno[1,2,3-cd]pyrene	0.20	~~U~~	~~UJ~~
91-20-3	Naphthalene	0.20	~~U~~	
85-01-8	Phenanthrene	0.20	~~U~~	
129-00-0	Pyrene	0.20	~~U~~	

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Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: DW - 2

Lab Name: STL Savannah | Job No.: 680-10499-1

SDG No.: TWFF10499 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10499-3

Sample wt/vol: 940 (g/mL) mL | Lab File ID: d4569.d

Level: (low/med) Low | Date Received: 11/11/05

% Moisture: ____ Decanted: (Y/N) ____ | Date Extracted: 11/17/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 12/09/05

Injection Volume: ____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) ____ pH: ____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q	
90-12-0	1-Methylnaphthalene	0.13	~~J B~~	~~UL~~ R
91-57-6	2-Methylnaphthalene	0.18	~~J B~~	~~UL~~
83-32-9	Acenaphthene	0.21	~~U~~	
208-96-8	Acenaphthylene	0.21	~~U~~ *	
120-12-7	Anthracene	0.21	~~U~~ *	
56-55-3	Benzo[a]anthracene	0.21	~~U~~ *	
50-32-8	Benzo[a]pyrene	0.21	~~U~~ *	
205-99-2	Benzo[b]fluoranthene	0.21	~~U~~	UJ
191-24-2	Benzo[g,h,i]perylene	0.21	~~U~~	UJ
207-08-9	Benzo[k]fluoranthene	0.21	~~U~~	UJ
218-01-9	Chrysene	0.21	~~U~~ *	R
53-70-3	Dibenz(a,h)anthracene	0.21	~~U~~ *	~~UJ~~
86-73-7	Fluorene	0.21	~~U~~ *	
206-44-0	Fluoranthene	0.21	~~U~~ *	
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	~~U~~ *	~~UJ~~
91-20-3	Naphthalene	0.21	~~U~~ *	
85-01-8	Phenanthrene	0.21	~~U~~ *	
129-00-0	Pyrene	0.21	~~U~~ *	

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1/4/06

Form 1
Semivolatile Organic Compounds by GCMS - Low Levels

Client Sample ID: DW - 2RE

Lab Name: STL Savannah | Job No.: 680-10499-1

SDG No.: TWFF10499 (Level III)

Matrix: (soil/water) Water | Lab Sample ID: 680-10499-3 RE

Sample wt/vol: 1000 (g/mL) mL | Lab File ID: d4555.d

Level: (low/med) Low | Date Received: 11/11/05

% Moisture: _____ Decanted: (Y/N) ___ | Date Extracted: 11/28/05

Concentrated Extract Volume: 1 mL | Date Analyzed: 12/05/05

Injection Volume: _____ (uL) | Dilution Factor: 1

GPC Cleanup: (Y/N) _____ pH: _____ | Extraction Method: 3520C

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
90-12-0	1-Methylnaphthalene	0.20	~~U~~
91-57-6	2-Methylnaphthalene	0.20	~~U~~
83-32-9	Acenaphthene	0.20	~~U~~
208-96-8	Acenaphthylene	0.20	~~U~~
120-12-7	Anthracene	0.20	~~U~~
56-55-3	Benzo[a]anthracene	0.20	~~U~~
50-32-8	Benzo[a]pyrene	0.20	~~U~~
205-99-2	Benzo[b]fluoranthene	0.20	~~U~~
191-24-2	Benzo[g,h,i]perylene	0.20	~~U~~
207-08-9	Benzo[k]fluoranthene	0.20	~~U~~
218-01-9	Chrysene	0.20	~~U~~
53-70-3	Dibenz(a,h)anthracene	0.20	~~U~~
86-73-7	Fluorene	0.20	~~U~~
206-44-0	Fluoranthene	0.20	~~U~~
193-39-5	Indeno[1,2,3-cd]pyrene	0.20	~~U~~
91-20-3	Naphthalene	0.20	~~U~~
85-01-8	Phenanthrene	0.20	~~U~~
129-00-0	Pyrene	0.20	~~U~~

R