RESULTS OF QUARTERLY GROUNDWATER SAMPLING
CONDUCTED March 29-30 2011, FOR
FIRST QUARTER, 2011

EASTERN PORTION OF THE
CABOT CARBON/KOPPERS SUPERFUND SITE
GAINESVILLE, FLORIDA

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June 2011

WESTON WORK ORDER NO. 05791.011.001.0001

TABLE OF CONTENTS

LIST OF FIGURES

TABLE OF CONTENTS (Continued)

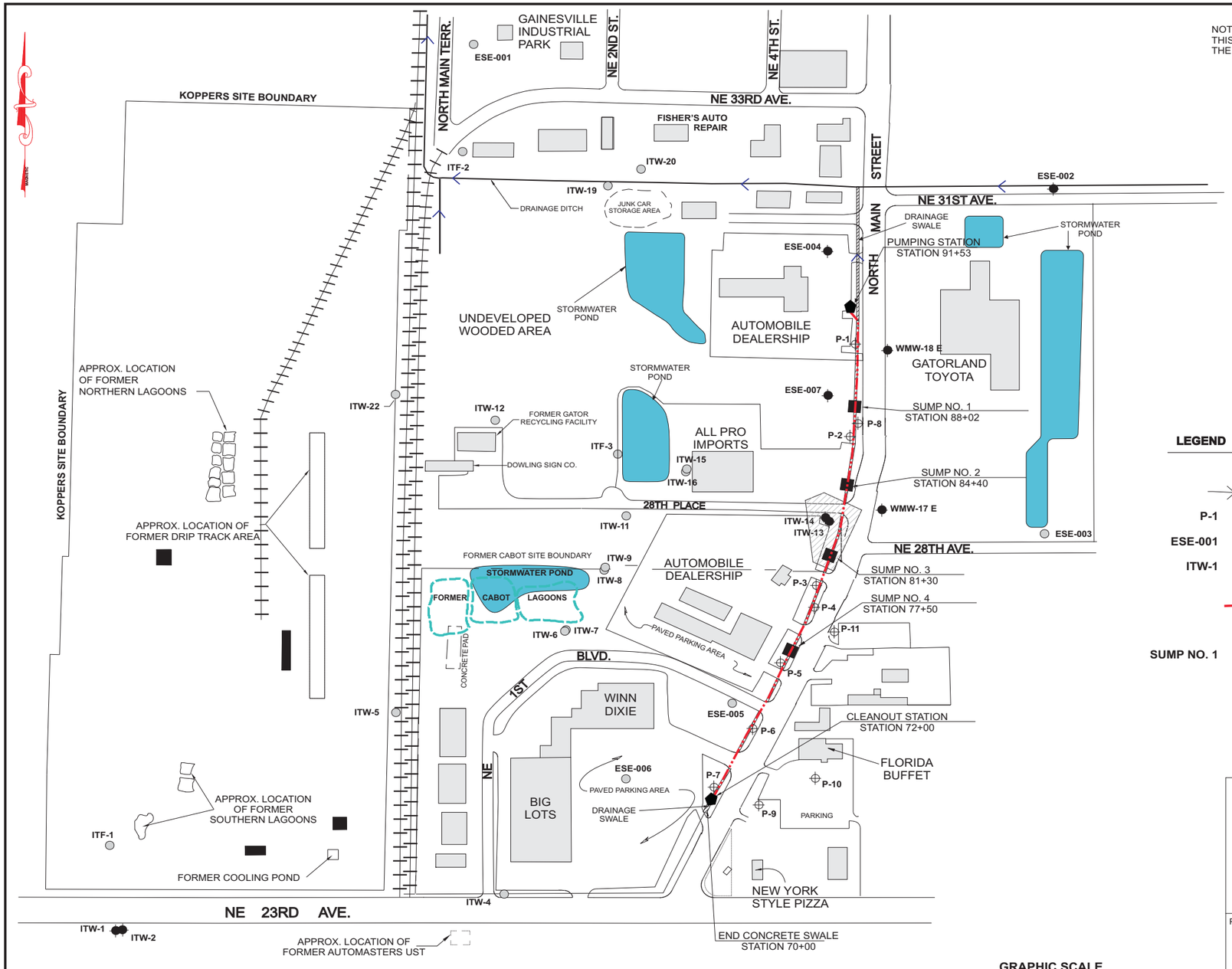
LIST OF TABLES

LIST OF APPENDICES

SECTION 1

BACKGROUND

The purpose of the first quarter 2011 sampling conducted by Weston Solutions, Inc., (WESTON®) is to evaluate the effectiveness of the groundwater collection system that has been installed along the border of the eastern portion of the Cabot Carbon/Koppers Superfund Site (Eastern Site) (Figure 1-1). The current post-remedial groundwater monitoring program for the Eastern Site includes sampling the following wells on a quarterly basis: ITW-13, ITW-14, WMW-17E, WMW-18E, ESE-002, ESE-004, ESE-007, and up-gradient monitoring wells ITW-1 and ITW-2. This report summarizes the results of the first quarter 2011 groundwater sampling event.



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LEGEND

- LOCATION AND FLOW DIRECTION OF DRAINAGE DITCH
- **P-1** PIEZOMETERS MONITORED FOR GROUNDWATER ELEVATION
- **ESE-001** WELLS MONITORED FOR GROUNDWATER ELEVATION
- **ITW-1** WELLS CURRENTLY SAMPLED QUARTERLY (ITW-1, ITW-2, ITW-13, ITW-14, ESE-002, ESE-004, ESE-007, WMW-17E, and WMW-18E)
- GROUNDWATER INTERCEPTOR TRENCH (RED)
- GROUNDWATER INTERCEPTOR TRENCH PUMPING STATION
- **SUMP NO. 1** SUMPS ACCESSING GROUNDWATER INTERCEPTOR TRENCH
- GROUNDWATER INTERCEPTOR TRENCH CLEANOUT STATION

GRAPHIC SCALE

0 400' 800'

1" = 400 FEET

WESTON SOLUTIONS

PROJECT TITLE:

CABOT CARBON/KOPPERS SITE
GAINESVILLE, ALACHUA COUNTY, FLORIDA
SITE MAP
FIGURE 1-1

DRAWN: E. Sandusky	DATE: June 09	DES. ENG.:	DATE:	W.O. NO.: 05791.009.001.0001
CHECKED: R. McKEEN	DATE: June 09	APPROVED:	DATE:	FILE NAME: CABOTSITEMAP.CDR

K:\05791\009\Q209\CabotSiteMap.CDR

SECTION 2

METHODOLOGY

Groundwater samples were collected from the Eastern Site monitoring wells by WESTON on March 29-30, 2011. With the exception of ITW-14, the wells were purged using a peristaltic pump to evacuate a minimum of 3 casing volumes of water from each well. During the well purge, physical parameter measurements including turbidity, pH, temperature, specific conductance and dissolved oxygen were taken periodically. The physical parameter readings are provided in Appendix A of this report. Due to the tarry material in the well, ITW-14 was purged using a disposable Teflon bailer. Once well purging activities were completed, samples were collected through Teflon lined tubing and placed in laboratory provided containers. Samples were packed in a cooler with wet ice and shipped via overnight carrier to TestAmerica, Inc. to be analyzed for the parameters listed in Table 2-1.

Table 2-1
Monitoring Wells Sampled and Corresponding Analytical Parameters,
First Quarter 2011

Groundwater			
Aquifer	**Wells Sampled**	**Parameters**	**Analytical Method**
Surficial	ITW-1, ITW-2, ESE-002, ESE-004, ESE-007, ITW-13, ITW-14, WMW-17E, and WMW-18E	**VOCs** Acetone Benzene Bromoform Bromomethane 2-Butanone (MEK) Carbon Disulfide Carbon Tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroform Chloromethane Cis-1,3-Dichlorpropane Dichlorbromomethane 1,1-Dichlorethane 1,2-Dichlorethane 1,1-Dichloroethene 1,2-Dichloropropane Ethylbenzene 2-Hexanone Methylene Chloride 4-Methyl-2-Pentanone (MIBK) Styrene 1,1,2,2-Tetrachloroethane Tetrachloroethene Toluene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene Vinyl Chloride Xylenes, Total	**8260 B**

Table 2-1 (Continued)

Monitoring Wells Sampled and Corresponding Analytical Parameters,

First Quarter 2011

		PAHs Method Anthracene Phenanthrene Acenaphthylene Acenaphthene Fluorene Pyrene Naphthalene Fluoranthene Benzo(a)pyrene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Dibenzo(a,h)anthracene Indeno(1,2,3-c,d)pyrene Chrysene	8310
		SVOCs Phenol 2,4-Dimethyphenol Pentachlorophenol (PCP)	8270C
		Metals Arsenic Chromium	6010

SECTION 3

WATER LEVEL MEASUREMENTS

To assist in evaluating the interceptor trench's effectiveness, water level measurements were collected on March 29, 2011, from 25 Eastern Site monitoring wells, 6 piezometers, and 4 sumps along the interceptor trench. The surveyed elevation and water level data for each well were utilized to calculate the groundwater elevation at each location. The elevation of each well was established by registered Florida land surveyors. Groundwater elevations collected from the Eastern Site are summarized in Table 3-1. Figure 3-1 shows the water level elevations and groundwater flow directions in the upper surficial aquifer measured on March 29, 2011.

3.1 SURFICIAL AQUIFER

Based on the groundwater elevations measured in the surficial aquifer, the groundwater flow direction beneath the southern part of the Cabot Carbon/Koppers site is to the northeast toward the groundwater interceptor trench (see Figure 3-1). The average hydraulic gradient in the southern portion of the Eastern Site is calculated to be approximately 4.78×10^{-3} ft/ft. Beneath the northern part of the Eastern Site, the groundwater flow direction is to the north-northeast and the average hydraulic gradient in this area is approximately 4.43×10^{-3} ft/ft. Groundwater elevations indicate that the interceptor trench maintains effective control of the groundwater in the upper surficial aquifer. For example, groundwater in the area of well WMW-18E continues to flow west towards the interceptor trench (see Figure 3-1).

Additionally, the groundwater flow directions shown by the overall potentiometric surface indicate that the groundwater flow direction in the surficial aquifer is generally toward the interceptor trench. These data further substantiate that the Eastern Site interceptor trench is collecting groundwater from the eastern and western sides of the trench.

3.2 INTERMEDIATE AQUIFER

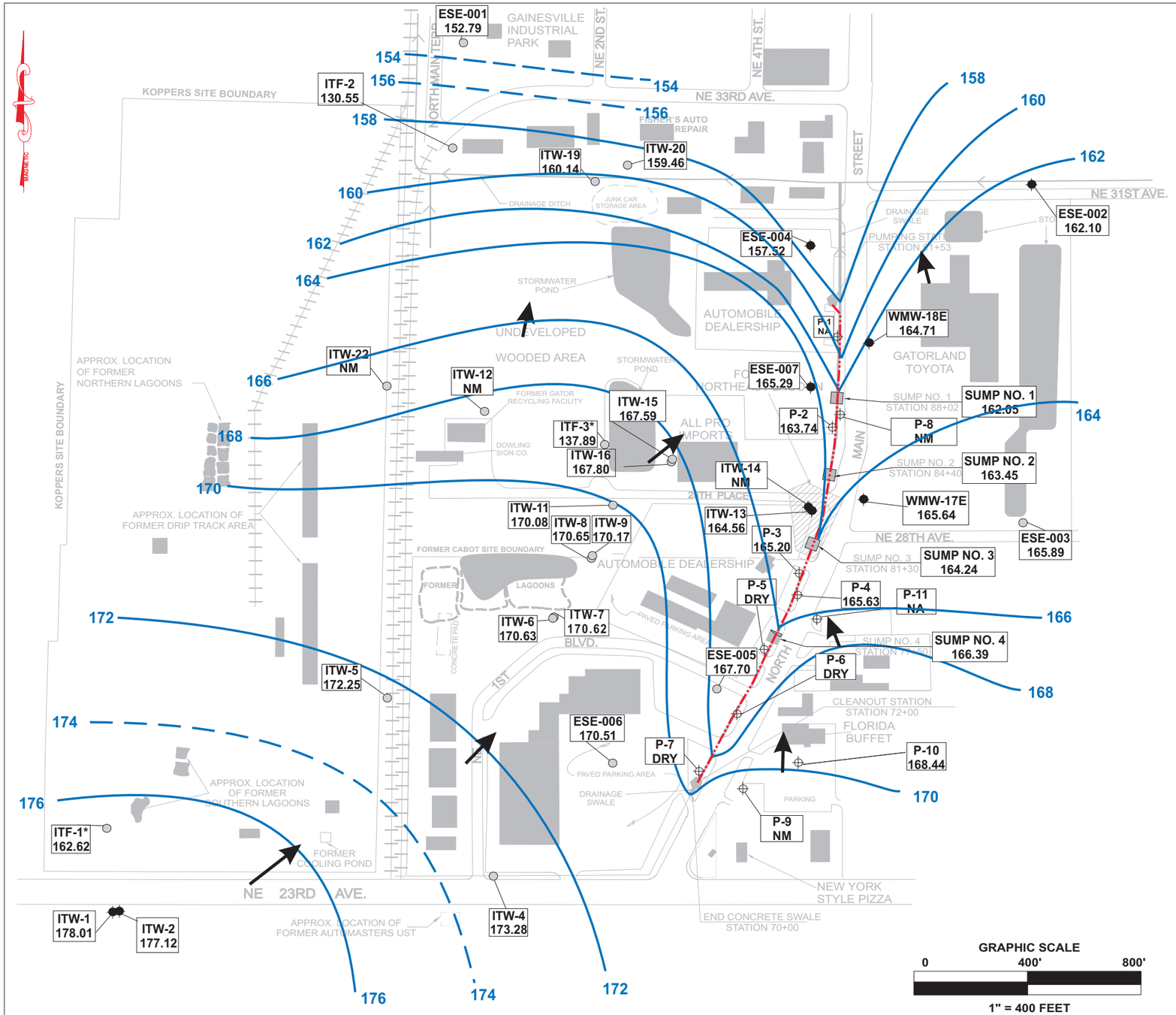
Based on groundwater elevations from the three intermediate aquifer wells, the groundwater flow direction in this aquifer continues to be generally toward the northeast. A downward

hydraulic gradient continues to be present between the surficial and intermediate aquifers. On March 29, 2011, a head difference of approximately 32.19 feet was measured between surficial aquifer well ITW-11 and intermediate aquifer well ITF-3 (see Table 3-1).

Table 3-1
Groundwater Depths and Elevations
March 2011 Sampling Event[1]
Eastern Portion of Cabot Carbon/Koppers Superfund Site
Gainesville, Alachua County, Florida

Monitoring Well ID	Top of Casing/Sump Elevation Feet (MSL)[3]	March 29, 2011 Field Measured Water Depth Below Top of Casing (Feet)[2]	Groundwater Elevation Feet (MSL)	Depth of Screened Interval[4]
ITW-1	188.47	10.46	178.01	15.50 - 25.50
ITW-2	187.48	10.36	177.12	5.50 - 15.50
ITW-3	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
ITW-4	187.82	14.54	173.28	5.00 - 15.00
ITW-5	185.34	13.09	172.25	19.00 - 24.00
ITW-6	183.10	12.47	170.63	18.50 - 28.50
ITW-7	182.97	12.35	170.62	8.50 - 18.50
ITW-8	180.81	10.16	170.65	18.50 - 28.50
ITW-9	180.30	10.13	170.17	8.00 - 18.00
ITW-10	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
ITW-11	180.91	10.83	170.08	6.00 - 16.00
ITW-12	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
ITW-13	174.14	9.58	164.56	23.00 - 33.00
ITW-14[6]	174.80	Less than 0.1 ft of product	Not Measured	5.00 - 15.00
ITW-15[7]	175.90	8.31	167.59	20.00 - 30.00
ITW-16[7]	175.41	7.61	167.80	12.50 - 22.50
ITW-19	169.74	9.60	160.14	11.00 - 31.00
ITW-20	169.77	10.31	159.46	11.00 - 31.00
ITW-21[5]	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
ITW-22[5]	178.61	Not Measured	Not Measured	3.00 - 13.00
ESE-001	162.05	9.26	152.79	6.50 - 21.20
ESE-002	169.08	6.98	162.10	8.00 - 23.00
ESE-003	171.86	5.97	165.89	9.00 - 29.00
ESE-004[5]	166.69	9.17	157.52	6.50 - 21.50
ESE-005	178.23	10.53	167.70	9.50 - 29.50
ESE-006	180.39	9.88	170.51	7.50 - 27.50
ESE-007	168.42	3.13	165.29	7.50 - 22.50
WMW-17E[5]	175.29	9.65	165.64	9.00 - 29.00
WMW-18E	172.92	8.21	164.71	9.00 - 29.00
ITF-1	186.63	24.01	162.62	69.00 - 79.00
ITF-2	168.95	38.40	130.55	71.00 - 81.00
ITF-3	176.89	39.00	137.89	69.50 - 79.50
P-1	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
P-2	169.77	6.03	163.74	5.18 - 10.18
P-3	171.05	5.85	165.20	5.00 - 10.00
P-4	172.26	6.63	165.63	5.00 - 10.00
P-5	173.20	Dry	Dry	6.65 - 11.65
P-6	177.07	Dry	Dry	7.50 - 12.50
P-7	179.24	Dry	Dry	7.50 - 12.50
P-8	168.44	could not find	Not Measured	5.00 - 10.00
P-9	181.35	silted in	silted in	10.00 - 15.00
P-10	180.23	11.79	168.44	10.00 - 15.00
P-11	173.35	could not find	Not Measured	10.00 - 15.00
Sump No. 1	168.95	6.90	162.05	Sump
Sump No. 2	169.80	6.35	163.45	Sump
Sump No. 3	170.94	6.70	164.24	Sump
Sump No. 4	173.27	6.88	166.39	Sump

Notes: 1. Depths to water measured on March 29, 2010.
2. All depths measured in feet below top of casing. Elevations are in feet above mean sea level (MSL).
3. Top of casing elevations measured by registered Florida Land Surveyors.
4. Screened intervals measured from ground surface.
5. Wells ITW-7, ITW-21, ITW-22, ESE-004, and WMW-17E were repaired and resurveyed in July 2000.
6. Depth to water in ITW-14 was not measured due to tar in the well. Estimated thickness of product determined by placing bailer at bottom of well and then measuring thickness of product.
7. Wells ITW-15, ITW-16, WMW-17E, and WMW-18E were resurveyed on September 23, 2009.



NOTE:
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LEGEND

P-1	PIEZOMETERS MONOITORED FOR GROUNDWATER ELEVATION
ESE-001	WELLS MONITORED FOR GROUNDWATER ELEVATION
ITW-1	WELLS CURRENTLY SAMPLED QUARTERLY INCLUDE (ITW-1, ITW-2, ITW-13, ITW-14, ESE-002, EWE-004, ESE-007, WMW-17E, AND WMW-18E)
	LOCATION AND FLOW DIRECTION OF DRAINAGE DITCH
ITW-1 179.04	GROUNDWATER ELEVATIONS (FT MSL) MEASURED ON JUNE 15, 2009
	GROUNDWATER ELEVATION CONTOURS FT MSL (SOLID BLUE) CONTOUR INTERVAL = TWO FEET
	BLUE DASHED WHERE INFERRED
	ARROWS INDICATE GROUNDWATER FLOW DIRECTION
	GROUNDWATER INTERCEPTOR TRENCH (RED DASHED/DOTTED)
	GROUNDWATER INTERCEPTOR TRENCH PUMPING STATION
SUMP NO. 1	SUMPS ACCESSING GROUNDWATER INTERCEPTOR TRENCH
	GROUNDWATER INTERCEPTOR TRENCH CLEANOUT STATION

NM NOT MEASURED

NA NOT AVAILABLE

DRY WELL WAS DRY AT TIME OF MEASUREMENT

TD TOTAL DEPTH ELEVATION OF DRY WELL

* Wells ITF-1, ITF-2, and ITF-3 are completed in the intermediate aquifer. Groundwater elevation data not part of this potentiometric surface map.

Well ITW-14 has product and the water level indicator is not used. When bailed for sampling, the product thickness is estimated. During the March 2011 sampling event, product thickness in ITW-14 was measured at less than 0.1 foot thick.

WESTON SOLUTIONS

PROJECT TITLE:
CABOT CARBON/KOPPERS SITE
GAINESVILLE, ALACHUA COUNTY, FLORIDA
WATER TABLE ELEVATIONS IN THE SURFICIAL AQUIFER
March 29, 2011
FIGURE 3-1

DRAWN: C. Mann	DATE: May 2011	DES. ENG.:	DATE:	W.O. NO.: 05791.010.001.0001
CHECKED: M. Taylor	DATE: May 2011	APPROVED:	DATE:	FILE NAME: March_2011_POTMAP.CDR

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SECTION 4

ANALYTICAL RESULTS

The laboratory analytical data package for the monitor well samples collected at the Eastern Site in March, 2011 is provided in Appendix B, and a summary of these data exceeding Record of Decision (ROD) cleanup goals is contained in Table 4-1. A historical summary of the monitor well data collected prior to the installation of the remedial system is provided in Appendix C. A summary of the recent post-remedial construction monitor well analytical data is provided in Appendix D. Discussion of the first quarter 2011 sampling results is provided below.

Neither arsenic nor chromium were detected in any well during the March 2011 sampling event. Benzene concentrations exceeded the ROD cleanup goals of 1 µg/L in groundwater samples collected from ITW-13 (80 µg/L), ITW-14 (33 µg/L) and ESE-007 (2.9 µg/L). Naphthalene concentrations were above the ROD cleanup goal of 18 µg/L in ITW-13 (36 µg/L) and ITW-14 (180 µg/L). Acenaphthylene concentrations exceeded the ROD cleanup goal of 130 µg/L in ITW-14 (210 µg/L). Phenol concentrations exceeded the ROD cleanup goal of 2,630 µg/L in ITW-13 (4,400 µg/L).

No continuous layer of tar was observed in ITW-14; however, droplets of tar were visible in the water extracted from this well. Wells ITW-13 and ITW-14 are located within the former Northeast Lagoon. Groundwater in the area of these wells migrates toward the interceptor trench.

Table 4-1

Summary of Surficial Aquifer Groundwater Analytical Data Exceeding ROD Cleanup Goals
Eastern Portion of Cabot Carbon/Koppers Superfund Site
March 29-30 2011

Well Designation/ Screened Interval (feet)	Parameter	Results (µg/L)	RL (µg/L)	ROD Cleanup Goal (µg/L)
ITW-13 / 23-33	Benzene	80	5	1
	Naphthalene	36	10	18
	Phenol	4,400	1100	2,630
ITW-14 / 5-15	Benzene	33	5	1
	Naphthalene	180	100	18
	Acenaphthylene	210	100	130
ESE-007 / 7.5-22.5	Benzene	2.9	1.0	1

(µg/L) = micrograms per liter
RL = Report Limit
ROD = Record of Decision
* Total Potentially Carcinogenic PAHs include: Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) flouranthene, Benzo (k) flouranthene, Chrysene, Dibenzo (a,h) anthracene, & Indeno (1,2,3-cd)pyrene.

Quality control samples collected included a duplicate, travel blanks, and an equipment rinsate blank. The duplicate sample was collected at well WMW-17E. A summary of detected compounds in the regular sample and duplicate is provided in Table 4-2. Comparison of the results from WMW-17E and the duplicate show favorable agreement between the sample and duplicate. Results of the travel blank analyses indicated that no volatile organic compounds were detected in the travel blanks.

In the equipment rinsate blank, concentrations of chemicals of concern were below laboratory reporting limits except for a toluene detection of 1.4 µg/L. This detection is only slightly above the laboratory reporting limit of 1.0 and may be attributed to the car dealership and/or traffic on North Main Street that are immediately adjacent to monitoring well WMW-17E.

Table 4-2

Comparision of WMW-17E and Duplicate Sample
Eastern Portion of Cabot Carbon/Koppers Superfund Site
March 29-30, 2011

Parameter	WMW-17E Results (mg/L)	Duplicate Results (mg/L)	RL (mg/L)
Total Xylenes	2.9	2.5	2.00
Naphthalene	1.4	1.2	0.98

(µg/L) = micrograms per liter
RL = Reporting Limit

SECTION 5

FINDINGS

Based on the groundwater analytical data collected at the Eastern Site during the first quarter 2011 sampling event, WESTON offers the following findings:

- The groundwater interceptor trench continues to maintain effective hydraulic control of the upper surficial aquifer.
- The groundwater interceptor trench continues to effectively capture constituents from the Northeast Lagoon area in the surficial aquifer.
- The overall distribution of constituents appears to be similar to that reported from previous quarterly sampling events for the majority of the site.
- The next quarterly groundwater-sampling event for the Eastern Site will occur about the third week of June 2011. The wells to be sampled in the second quarter 2011 are ITW-1, ITW-2, ITW-13, ITW-14, WMW-17E, WMW-18E, ESE-002, ESE-004, and ESE-007.

APPENDIX A

WELL PURGE DATA

Appendix A

Well Purge Data
Eastern Portion of Cabot Carbon/Koppers Superfund Site
March 2011

WELL ID	Purge/Sample Dates	Time	VOLUME (GAL)	TEMPERATURE (^{0}C)	pH	SPECIFIC CONDUCTANCE (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTU)	ODOR YES/NO	PURGE DRY YES/NO
ITW-1	3/29/2011	1500	0.10	21.40	5.93	87	2.10	0.79		
ITW-1	3/29/2011	1520	2.70	21.81	4.78	95	1.20	0.59		
ITW-1	3/29/2011	1545	5.50	21.87	4.71	94	0.38	1.59		
ITW-1	3/29/2011	1555	8.20	21.85	5.26	93	0.35	0.18		
ITW-1	Sample; 3/29/2011	**1600**							NO	NO
ITW-2	3/29/2011	1610	0.1	21.32	4.91	113	1.11	6.85		
ITW-2	3/29/2011	1616	1.2	21.36	4.70	107	0.40	1.24		
ITW-2	3/29/2011	1621	2.80	21.35	4.69	105	0.32	0.25		
ITW-2	Sampled: 3/29/11	**1630**							NO	NO
ESE-002	3/30/2011	0740	1.0	22.07	5.82	85	0.93	5.92		
ESE-002	3/30/2011	0755	3.0	22.12	5.76	89	0.29	5.61		
ESE-002	3/30/2011	0810	6.0	22.12	5.74	87	0.23	4.88		
ESE-002	3/30/2011	0824	8.5	22.15	5.73	89	0.20	5.45		
ESE-002	Sample; 3/29/2011	**0830**							NO	NO
ESE-004	3/30/2011	0855	1.0	22.09	5.50	317	0.91	0.77		
ESE-004	3/30/2011	0905	2.5	22.22	5.52	316	0.22	0.60		
ESE-004	3/30/2011	0915	5.0	22.27	5.53	316	0.16	0.59		
ESE-004	3/30/2011	0925	6.5	22.29	5.55	325	0.14	0.30		
ESE-004	Sample 3/30/2011	**0930**							Yes	NO
ESE-007	3/30/2011	0955	1.0	19.67	5.55	519	0.37	0.89		
ESE-007	3/30/2011	10.08	3.0	19.63	5.46	526	0.22	26.90		
ESE-007	3/30/2011	1025	7.0	19.62	5.44	533	0.15	14.80		
ESE-007	3/30/2011	1040	10.0	19.65	5.45	533	0.16	9.32		
ESE-007	Sample; 3/30/11	**1045**							YES	NO
ITW-13	3/30/2011	1105	1.0	24.39	5.07	157	0.38	0.48		
ITW-13	3/30/2011	1125	5.0	24.44	4.87	155	0.13	0.55		
ITW-13	3/30/2011	1135	6.0	24.46	4.85	153	0.13	0.60		
ITW-13	3/30/2011	1150	7.5	24.50	4.72	154	0.16	10.53		
ITW-13	Sample; 3/30/11	**1200**							YES	YES
ITW-14	Sample; 12/30/10	**1230**							YES/TAR	YES
WMW-17E	3/29/2011	1700	0.1	23.53	5.19	107	0.62	1.46		
WMW-17E	3/29/2011	1715	3.3	23.61	5.17	107	0.19	0.27		
WMW-17E	3/29/2011	1728	6.6	23.59	5.18	109	0.15	0.65		
WMW-17E	3/29/2011	1744	10.0	23.51	5.14	107	0.13	0.51		
WMW-17E	Sample; 3/29/2011	**1745**							NO (Dup)	NO
WMW-18E	3/29/2011	1820	1.0	23.52	5.10	270	0.30	146.00		
WMW-18E	3/29/2011	1820	3.7	23.37	5.00	261	0.18	69.10		
WMW-18E	3/29/2011	1855	8.0	23.34	5.01	262	0.16	40.40		
WMW-18E	3/29/2011	1910	10.6	23.31	5.01	263	0.12	41.47		
WMW-18E	Sample; 3/29/2011	**1900**							NO	NO

Notes: ºC = degrees Celsius; µS/cm = microSeimens per centimeter; mg/L = milligrams per liter, parts per million; NTU = Nephlometric Turbidity Units

APPENDIX B

LABORATORY ANALYTICAL DATA PACKAGE

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-66904-1
Client Project/Site: Cabot

For:
Weston Solutions, Inc.
94072 Summer Breeze Drive
Fernandina Beach, Florida 32034

Attn: Mark Taylor

Authorized for release by:
04/14/2011 05:20:54 PM

Abbie Yant
Project Manager I
abbie.yant@testamericainc.com

Table of Contents

Job ID: 680-66904-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative
680-66904-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The equipment blank associated with these samples contained a detection above the reporting limit (RL) for the following analyte: Toluene. Sample was re-analyzed with concurring results.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following sample(s) was diluted due to the abundance of target analytes: ITW-13 (680-66904-3), ITW-14 (680-66904-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

HPLC
Method(s) 8310: The following sample(s) was diluted due to the nature of the sample matrix: ITW-13 (680-66904-3), ITW-14 (680-66904-4). Elevated reporting limits (RLs) are provided.

Method(s) 8310: Surrogate recovery for the following sample(s) was outside control limits: ITW-14 (680-66904-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-66904-1	ITW-1	Water	03/29/11 16:00	03/31/11 09:06
680-66904-2	ITW-2	Water	03/29/11 16:30	03/31/11 09:06
680-66904-3	ITW-13	Water	03/30/11 12:00	03/31/11 09:06
680-66904-4	ITW-14	Water	03/30/11 12:30	03/31/11 09:06
680-66904-5	ESE-002	Water	03/30/11 08:30	03/31/11 09:06
680-66904-6	ESE-004	Water	03/30/11 09:30	03/31/11 09:06
680-66904-7	ESE-007	Water	03/30/11 10:45	03/31/11 09:06
680-66904-8	WMW-17E	Water	03/29/11 17:45	03/31/11 09:06
680-66904-9	WMW-18E	Water	03/29/11 19:00	03/31/11 09:06
680-66904-10	Duplicate	Water	03/29/11 18:00	03/31/11 09:06
680-66904-11	Equipment Blank	Water	03/30/11 14:30	03/31/11 09:06
680-66904-12	TB-01	Water	03/30/11 00:00	03/31/11 09:06
680-66904-13	TB-02	Water	03/30/11 00:00	03/31/11 09:06

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8310	PAHs (HPLC)	SW846	TAL PEN
6010B	Metals (ICP)	SW846	TAL SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

HPLC/IC

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Client Sample ID: ITW-1 — Lab Sample ID: 680-66904-1

No Detections.

Client Sample ID: ITW-2 — Lab Sample ID: 680-66904-2

No Detections.

Client Sample ID: ITW-13 — Lab Sample ID: 680-66904-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	430		120		ug/L	5		8260B	Total/NA
Benzene	80		5.0		ug/L	5		8260B	Total/NA
2-Butanone (MEK)	210		50		ug/L	5		8260B	Total/NA
Ethylbenzene	260		5.0		ug/L	5		8260B	Total/NA
Toluene	350		5.0		ug/L	5		8260B	Total/NA
Xylenes, Total	160		10		ug/L	5		8260B	Total/NA
Phenol	4400		230		ug/L	20		8270C	Total/NA
2,4-Dimethylphenol	2000		230		ug/L	20		8270C	Total/NA
Naphthalene	36		10		ug/L	10		8310	Total/NA

Client Sample ID: ITW-14 — Lab Sample ID: 680-66904-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	33		10		ug/L	10		8260B	Total/NA
Ethylbenzene	160		10		ug/L	10		8260B	Total/NA
Styrene	23		10		ug/L	10		8260B	Total/NA
Toluene	550		10		ug/L	10		8260B	Total/NA
Xylenes, Total	450		20		ug/L	10		8260B	Total/NA
2,4-Dimethylphenol	1900		560		ug/L	50		8270C	Total/NA
Acenaphthene	55		10		ug/L	10		8310	Total/NA
Acenaphthylene	210		10		ug/L	10		8310	Total/NA
Fluoranthene	31		10		ug/L	10		8310	Total/NA
Fluorene	19		10		ug/L	10		8310	Total/NA
1-Methylnaphthalene	65		10		ug/L	10		8310	Total/NA
2-Methylnaphthalene	50		10		ug/L	10		8310	Total/NA
Naphthalene	180		10		ug/L	10		8310	Total/NA

Client Sample ID: ESE-002 — Lab Sample ID: 680-66904-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	61		25		ug/L	1		8260B	Total/NA
Acenaphthene	27		0.98		ug/L	1		8310	Total/NA
Acenaphthylene	1.7		0.98		ug/L	1		8310	Total/NA
Anthracene	2.7		0.98		ug/L	1		8310	Total/NA
Fluorene	22		0.98		ug/L	1		8310	Total/NA
1-Methylnaphthalene	4.9	p	0.98		ug/L	1		8310	Total/NA
2-Methylnaphthalene	30		0.98		ug/L	1		8310	Total/NA
Naphthalene	10		0.98		ug/L	1		8310	Total/NA
Phenanthrene	18		0.98		ug/L	1		8310	Total/NA

Client Sample ID: ESE-004 — Lab Sample ID: 680-66904-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	170		25		ug/L	1		8260B	Total/NA

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Client Sample ID: ESE-007 — Lab Sample ID: 680-66904-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	30		25		ug/L	1		8260B	Total/NA
Benzene	2.9		1.0		ug/L	1		8260B	Total/NA
Ethylbenzene	6.5		1.0		ug/L	1		8260B	Total/NA
Toluene	7.9		1.0		ug/L	1		8260B	Total/NA
Xylenes, Total	7.2		2.0		ug/L	1		8260B	Total/NA
Phenol	83		10		ug/L	1		8270C	Total/NA
2,4-Dimethylphenol	46		10		ug/L	1		8270C	Total/NA

Client Sample ID: WMW-17E — Lab Sample ID: 680-66904-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	2.9		2.0		ug/L	1		8260B	Total/NA
Naphthalene	1.4		0.98		ug/L	1		8310	Total/NA

Client Sample ID: WMW-18E — Lab Sample ID: 680-66904-9

No Detections.

Client Sample ID: Duplicate — Lab Sample ID: 680-66904-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	2.5		2.0		ug/L	1		8260B	Total/NA
Naphthalene	1.2		0.97		ug/L	1		8310	Total/NA

Client Sample ID: Equipment Blank — Lab Sample ID: 680-66904-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.4		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: TB-01 — Lab Sample ID: 680-66904-12

No Detections.

Client Sample ID: TB-02 — Lab Sample ID: 680-66904-13

No Detections.

Client Sample ID: ITW-1

Lab Sample ID: 680-66904-1

Date Collected: 03/29/11 16:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 18:11	1
Benzene	<1.0		1.0		ug/L			04/08/11 18:11	1
Bromoform	<1.0		1.0		ug/L			04/08/11 18:11	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 18:11	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 18:11	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 18:11	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 18:11	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 18:11	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 18:11	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 18:11	1
Chloroform	<1.0		1.0		ug/L			04/08/11 18:11	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 18:11	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 18:11	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 18:11	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 18:11	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 18:11	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 18:11	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 18:11	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 18:11	1
2-Hexanone	<10		10		ug/L			04/08/11 18:11	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 18:11	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 18:11	1
Styrene	<1.0		1.0		ug/L			04/08/11 18:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 18:11	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 18:11	1
Toluene	<1.0		1.0		ug/L			04/08/11 18:11	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 18:11	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 18:11	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 18:11	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 18:11	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 18:11	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 18:11	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 18:11	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 130*		*04/08/11 18:11*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*04/08/11 18:11*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/08/11 18:11*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<11		11		ug/L		04/04/11 14:40	04/05/11 15:15	1
2,4-Dimethylphenol	<11		11		ug/L		04/04/11 14:40	04/05/11 15:15	1
Pentachlorophenol	<54		54		ug/L		04/04/11 14:40	04/05/11 15:15	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*48*		*25 - 130*	*04/04/11 14:40*	*04/05/11 15:15*	*1*
2-Fluorophenol	*51*		*25 - 130*	*04/04/11 14:40*	*04/05/11 15:15*	*1*
2,4,6-Tribromophenol	*69*		*31 - 141*	*04/04/11 14:40*	*04/05/11 15:15*	*1*

Client Sample ID: ITW-1

Lab Sample ID: 680-66904-1

Date Collected: 03/29/11 16:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Acenaphthylene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Anthracene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:09	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:09	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:09	1
Benzo[g,h,i]perylene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Benzo[k]fluoranthene	<0.50		0.50		ug/L		04/04/11 09:02	04/05/11 19:09	1
Chrysene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:09	1
Fluoranthene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Fluorene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:09	1
1-Methylnaphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
2-Methylnaphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Naphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Phenanthrene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1
Pyrene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 19:09	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*80*		*37 - 141*	*04/04/11 09:02*	*04/05/11 19:09*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 18:40	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 18:40	1

Client Sample ID: ITW-2

Lab Sample ID: 680-66904-2

Date Collected: 03/29/11 16:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 18:40	1
Benzene	<1.0		1.0		ug/L			04/08/11 18:40	1
Bromoform	<1.0		1.0		ug/L			04/08/11 18:40	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 18:40	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 18:40	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 18:40	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 18:40	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 18:40	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 18:40	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 18:40	1
Chloroform	<1.0		1.0		ug/L			04/08/11 18:40	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 18:40	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 18:40	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 18:40	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 18:40	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 18:40	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 18:40	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 18:40	1

Client Sample ID: ITW-2

Lab Sample ID: 680-66904-2

Date Collected: 03/29/11 16:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 18:40	1
2-Hexanone	<10		10		ug/L			04/08/11 18:40	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 18:40	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 18:40	1
Styrene	<1.0		1.0		ug/L			04/08/11 18:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 18:40	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 18:40	1
Toluene	<1.0		1.0		ug/L			04/08/11 18:40	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 18:40	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 18:40	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 18:40	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 18:40	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 18:40	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 18:40	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 18:40	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 130*		*04/08/11 18:40*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*04/08/11 18:40*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/08/11 18:40*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<11		11		ug/L		04/04/11 14:40	04/05/11 15:43	1
2,4-Dimethylphenol	<11		11		ug/L		04/04/11 14:40	04/05/11 15:43	1
Pentachlorophenol	<54		54		ug/L		04/04/11 14:40	04/05/11 15:43	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*47*		*25 - 130*	*04/04/11 14:40*	*04/05/11 15:43*	*1*
2-Fluorophenol	*45*		*25 - 130*	*04/04/11 14:40*	*04/05/11 15:43*	*1*
2,4,6-Tribromophenol	*75*		*31 - 141*	*04/04/11 14:40*	*04/05/11 15:43*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Acenaphthylene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Anthracene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:43	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:43	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:43	1
Benzo[g,h,i]perylene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Benzo[k]fluoranthene	<0.50		0.50		ug/L		04/04/11 09:02	04/05/11 19:43	1
Chrysene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:43	1
Fluoranthene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Fluorene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 19:43	1
1-Methylnaphthalene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
2-Methylnaphthalene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Naphthalene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1
Phenanthrene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1

Client Sample ID: ITW-2

Lab Sample ID: 680-66904-2

Date Collected: 03/29/11 16:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8310 - PAHs (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.99		0.99		ug/L		04/04/11 09:02	04/05/11 19:43	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*104*		*37 - 141*	*04/04/11 09:02*	*04/05/11 19:43*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 18:45	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 18:45	1

Client Sample ID: ITW-13

Lab Sample ID: 680-66904-3

Date Collected: 03/30/11 12:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**430**		120		ug/L			04/10/11 19:13	5
Benzene	**80**		5.0		ug/L			04/10/11 19:13	5
Bromoform	<5.0		5.0		ug/L			04/10/11 19:13	5
Bromomethane	<5.0		5.0		ug/L			04/10/11 19:13	5
2-Butanone (MEK)	**210**		50		ug/L			04/10/11 19:13	5
Carbon disulfide	<10		10		ug/L			04/10/11 19:13	5
Carbon tetrachloride	<5.0		5.0		ug/L			04/10/11 19:13	5
Chlorobenzene	<5.0		5.0		ug/L			04/10/11 19:13	5
Chlorodibromomethane	<5.0		5.0		ug/L			04/10/11 19:13	5
Chloroethane	<5.0		5.0		ug/L			04/10/11 19:13	5
Chloroform	<5.0		5.0		ug/L			04/10/11 19:13	5
Chloromethane	<5.0		5.0		ug/L			04/10/11 19:13	5
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			04/10/11 19:13	5
Dichlorobromomethane	<5.0		5.0		ug/L			04/10/11 19:13	5
1,1-Dichloroethane	<5.0		5.0		ug/L			04/10/11 19:13	5
1,2-Dichloroethane	<5.0		5.0		ug/L			04/10/11 19:13	5
1,1-Dichloroethene	<5.0		5.0		ug/L			04/10/11 19:13	5
1,2-Dichloropropane	<5.0		5.0		ug/L			04/10/11 19:13	5
Ethylbenzene	**260**		5.0		ug/L			04/10/11 19:13	5
2-Hexanone	<50		50		ug/L			04/10/11 19:13	5
Methylene Chloride	<25		25		ug/L			04/10/11 19:13	5
4-Methyl-2-pentanone (MIBK)	<50		50		ug/L			04/10/11 19:13	5
Styrene	<5.0		5.0		ug/L			04/10/11 19:13	5
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/L			04/10/11 19:13	5
Tetrachloroethene	<5.0		5.0		ug/L			04/10/11 19:13	5
Toluene	**350**		5.0		ug/L			04/10/11 19:13	5
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			04/10/11 19:13	5
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			04/10/11 19:13	5
1,1,1-Trichloroethane	<5.0		5.0		ug/L			04/10/11 19:13	5
1,1,2-Trichloroethane	<5.0		5.0		ug/L			04/10/11 19:13	5
Trichloroethene	<5.0		5.0		ug/L			04/10/11 19:13	5
Vinyl chloride	<5.0		5.0		ug/L			04/10/11 19:13	5
Xylenes, Total	**160**		10		ug/L			04/10/11 19:13	5

Client Sample ID: ITW-13

Lab Sample ID: 680-66904-3

Date Collected: 03/30/11 12:00

Matrix: Water

Date Received: 03/31/11 09:06

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*95*		*70 - 130*		*04/10/11 19:13*	*5*
Dibromofluoromethane	*90*		*70 - 130*		*04/10/11 19:13*	*5*
Toluene-d8 (Surr)	*96*		*70 - 130*		*04/10/11 19:13*	*5*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**4400**		230		ug/L		04/04/11 14:40	04/05/11 16:11	20
2,4-Dimethylphenol	**2000**		230		ug/L		04/04/11 14:40	04/05/11 16:11	20
Pentachlorophenol	<1100		1100		ug/L		04/04/11 14:40	04/05/11 16:11	20

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	*0*	*D*	*25 - 130*	*04/04/11 14:40*	*04/05/11 16:11*	*20*
2-Fluorophenol	*0*	*D*	*25 - 130*	*04/04/11 14:40*	*04/05/11 16:11*	*20*
2,4,6-Tribromophenol	*0*	*D*	*31 - 141*	*04/04/11 14:40*	*04/05/11 16:11*	*20*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Acenaphthylene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Anthracene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Benzo[a]anthracene	<2.1		2.1		ug/L		04/04/11 09:02	04/05/11 20:16	10
Benzo[a]pyrene	<2.1		2.1		ug/L		04/04/11 09:02	04/05/11 20:16	10
Benzo[b]fluoranthene	<2.1		2.1		ug/L		04/04/11 09:02	04/05/11 20:16	10
Benzo[g,h,i]perylene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Benzo[k]fluoranthene	<5.2		5.2		ug/L		04/04/11 09:02	04/05/11 20:16	10
Chrysene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Dibenz(a,h)anthracene	<2.1		2.1		ug/L		04/04/11 09:02	04/05/11 20:16	10
Fluoranthene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Fluorene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Indeno[1,2,3-cd]pyrene	<2.1		2.1		ug/L		04/04/11 09:02	04/05/11 20:16	10
1-Methylnaphthalene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
2-Methylnaphthalene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Naphthalene	**36**		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Phenanthrene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10
Pyrene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:16	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Chloroanthracene	*47*		*37 - 141*	*04/04/11 09:02*	*04/05/11 20:16*	*10*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 18:50	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 18:50	1

Client Sample ID: ITW-14

Lab Sample ID: 680-66904-4

Date Collected: 03/30/11 12:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<250		250		ug/L			04/10/11 19:42	10
Benzene	**33**		10		ug/L			04/10/11 19:42	10

Client Sample ID: ITW-14
Date Collected: 03/30/11 12:30
Date Received: 03/31/11 09:06

Lab Sample ID: 680-66904-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<10		10		ug/L			04/10/11 19:42	10
Bromomethane	<10		10		ug/L			04/10/11 19:42	10
2-Butanone (MEK)	<100		100		ug/L			04/10/11 19:42	10
Carbon disulfide	<20		20		ug/L			04/10/11 19:42	10
Carbon tetrachloride	<10		10		ug/L			04/10/11 19:42	10
Chlorobenzene	<10		10		ug/L			04/10/11 19:42	10
Chlorodibromomethane	<10		10		ug/L			04/10/11 19:42	10
Chloroethane	<10		10		ug/L			04/10/11 19:42	10
Chloroform	<10		10		ug/L			04/10/11 19:42	10
Chloromethane	<10		10		ug/L			04/10/11 19:42	10
cis-1,3-Dichloropropene	<10		10		ug/L			04/10/11 19:42	10
Dichlorobromomethane	<10		10		ug/L			04/10/11 19:42	10
1,1-Dichloroethane	<10		10		ug/L			04/10/11 19:42	10
1,2-Dichloroethane	<10		10		ug/L			04/10/11 19:42	10
1,1-Dichloroethene	<10		10		ug/L			04/10/11 19:42	10
1,2-Dichloropropane	<10		10		ug/L			04/10/11 19:42	10
Ethylbenzene	**160**		10		ug/L			04/10/11 19:42	10
2-Hexanone	<100		100		ug/L			04/10/11 19:42	10
Methylene Chloride	<50		50		ug/L			04/10/11 19:42	10
4-Methyl-2-pentanone (MIBK)	<100		100		ug/L			04/10/11 19:42	10
Styrene	**23**		10		ug/L			04/10/11 19:42	10
1,1,2,2-Tetrachloroethane	<10		10		ug/L			04/10/11 19:42	10
Tetrachloroethene	<10		10		ug/L			04/10/11 19:42	10
Toluene	**550**		10		ug/L			04/10/11 19:42	10
trans-1,2-Dichloroethene	<10		10		ug/L			04/10/11 19:42	10
trans-1,3-Dichloropropene	<10		10		ug/L			04/10/11 19:42	10
1,1,1-Trichloroethane	<10		10		ug/L			04/10/11 19:42	10
1,1,2-Trichloroethane	<10		10		ug/L			04/10/11 19:42	10
Trichloroethene	<10		10		ug/L			04/10/11 19:42	10
Vinyl chloride	<10		10		ug/L			04/10/11 19:42	10
Xylenes, Total	**450**		20		ug/L			04/10/11 19:42	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*04/10/11 19:42*	*10*
Dibromofluoromethane	*93*		*70 - 130*		*04/10/11 19:42*	*10*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/10/11 19:42*	*10*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<560		560		ug/L		04/04/11 14:40	04/05/11 16:40	50
2,4-Dimethylphenol	**1900**		560		ug/L		04/04/11 14:40	04/05/11 16:40	50
Pentachlorophenol	<2800		2800		ug/L		04/04/11 14:40	04/05/11 16:40	50

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*0*	*D*	*25 - 130*	*04/04/11 14:40*	*04/05/11 16:40*	*50*
2-Fluorophenol	*0*	*D*	*25 - 130*	*04/04/11 14:40*	*04/05/11 16:40*	*50*
2,4,6-Tribromophenol	*0*	*D*	*31 - 141*	*04/04/11 14:40*	*04/05/11 16:40*	*50*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**55**		10		ug/L		04/04/11 09:02	04/05/11 20:50	10

Client Sample ID: ITW-14

Lab Sample ID: 680-66904-4

Date Collected: 03/30/11 12:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8310 - PAHs (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**210**		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Anthracene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Benzo[a]anthracene	<2.0		2.0		ug/L		04/04/11 09:02	04/05/11 20:50	10
Benzo[a]pyrene	<2.0		2.0		ug/L		04/04/11 09:02	04/05/11 20:50	10
Benzo[b]fluoranthene	<2.0		2.0		ug/L		04/04/11 09:02	04/05/11 20:50	10
Benzo[g,h,i]perylene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Benzo[k]fluoranthene	<5.1		5.1		ug/L		04/04/11 09:02	04/05/11 20:50	10
Chrysene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Dibenz(a,h)anthracene	<2.0		2.0		ug/L		04/04/11 09:02	04/05/11 20:50	10
Fluoranthene	**31**		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Fluorene	**19**		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Indeno[1,2,3-cd]pyrene	<2.0		2.0		ug/L		04/04/11 09:02	04/05/11 20:50	10
1-Methylnaphthalene	**65**		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
2-Methylnaphthalene	**50**		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Naphthalene	**180**		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Phenanthrene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:50	10
Pyrene	<10		10		ug/L		04/04/11 09:02	04/05/11 20:50	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*145*	*X*	*37 - 141*	*04/04/11 09:02*	*04/05/11 20:50*	*10*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 18:55	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 18:55	1

Client Sample ID: ESE-002

Lab Sample ID: 680-66904-5

Date Collected: 03/30/11 08:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**61**		25		ug/L			04/08/11 19:10	1
Benzene	<1.0		1.0		ug/L			04/08/11 19:10	1
Bromoform	<1.0		1.0		ug/L			04/08/11 19:10	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 19:10	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 19:10	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 19:10	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 19:10	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 19:10	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 19:10	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 19:10	1
Chloroform	<1.0		1.0		ug/L			04/08/11 19:10	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 19:10	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:10	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 19:10	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:10	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:10	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:10	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 19:10	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 19:10	1

Client Sample ID: ESE-002

Lab Sample ID: 680-66904-5

Date Collected: 03/30/11 08:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<10		10		ug/L			04/08/11 19:10	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 19:10	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 19:10	1
Styrene	<1.0		1.0		ug/L			04/08/11 19:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 19:10	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 19:10	1
Toluene	<1.0		1.0		ug/L			04/08/11 19:10	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:10	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:10	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:10	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:10	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 19:10	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 19:10	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 19:10	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 130*		*04/08/11 19:10*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*04/08/11 19:10*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/08/11 19:10*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<11		11		ug/L		04/04/11 14:40	04/05/11 17:08	1
2,4-Dimethylphenol	<11		11		ug/L		04/04/11 14:40	04/05/11 17:08	1
Pentachlorophenol	<55		55		ug/L		04/04/11 14:40	04/05/11 17:08	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*68*		*25 - 130*	*04/04/11 14:40*	*04/05/11 17:08*	*1*
2-Fluorophenol	*63*		*25 - 130*	*04/04/11 14:40*	*04/05/11 17:08*	*1*
2,4,6-Tribromophenol	*96*		*31 - 141*	*04/04/11 14:40*	*04/05/11 17:08*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**27**		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Acenaphthylene	**1.7**		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Anthracene	**2.7**		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 21:24	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 21:24	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 21:24	1
Benzo[g,h,i]perylene	<0.98		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Benzo[k]fluoranthene	<0.49		0.49		ug/L		04/04/11 09:02	04/05/11 21:24	1
Chrysene	<0.98		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 21:24	1
Fluoranthene	<0.98		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Fluorene	**22**		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 21:24	1
1-Methylnaphthalene	**4.9**	**p**	0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
2-Methylnaphthalene	**30**		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Naphthalene	**10**		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Phenanthrene	**18**		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1
Pyrene	<0.98		0.98		ug/L		04/04/11 09:02	04/05/11 21:24	1

Client Sample ID: ESE-002

Lab Sample ID: 680-66904-5

Date Collected: 03/30/11 08:30

Matrix: Water

Date Received: 03/31/11 09:06

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Chloroanthracene	*91*		*37 - 141*	*04/04/11 09:02*	*04/05/11 21:24*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 19:11	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 19:11	1

Client Sample ID: ESE-004

Lab Sample ID: 680-66904-6

Date Collected: 03/30/11 09:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**170**		25		ug/L			04/08/11 19:39	1
Benzene	<1.0		1.0		ug/L			04/08/11 19:39	1
Bromoform	<1.0		1.0		ug/L			04/08/11 19:39	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 19:39	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 19:39	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 19:39	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 19:39	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 19:39	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 19:39	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 19:39	1
Chloroform	<1.0		1.0		ug/L			04/08/11 19:39	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 19:39	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:39	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 19:39	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:39	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:39	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:39	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 19:39	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 19:39	1
2-Hexanone	<10		10		ug/L			04/08/11 19:39	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 19:39	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 19:39	1
Styrene	<1.0		1.0		ug/L			04/08/11 19:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 19:39	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 19:39	1
Toluene	<1.0		1.0		ug/L			04/08/11 19:39	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:39	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:39	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:39	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:39	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 19:39	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 19:39	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 19:39	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*89*		*70 - 130*		*04/08/11 19:39*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*04/08/11 19:39*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/08/11 19:39*	*1*

Client Sample ID: ESE-004

Lab Sample ID: 680-66904-6

Date Collected: 03/30/11 09:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<11		11		ug/L		04/04/11 14:40	04/05/11 17:36	1
2,4-Dimethylphenol	<11		11		ug/L		04/04/11 14:40	04/05/11 17:36	1
Pentachlorophenol	<56		56		ug/L		04/04/11 14:40	04/05/11 17:36	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*64*		*25 - 130*	*04/04/11 14:40*	*04/05/11 17:36*	*1*
2-Fluorophenol	*67*		*25 - 130*	*04/04/11 14:40*	*04/05/11 17:36*	*1*
2,4,6-Tribromophenol	*95*		*31 - 141*	*04/04/11 14:40*	*04/05/11 17:36*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Acenaphthylene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Anthracene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 15:13	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 15:13	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 15:13	1
Benzo[g,h,i]perylene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Benzo[k]fluoranthene	<0.49		0.49		ug/L		04/04/11 09:02	04/06/11 15:13	1
Chrysene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 15:13	1
Fluoranthene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Fluorene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 15:13	1
1-Methylnaphthalene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
2-Methylnaphthalene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Naphthalene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Phenanthrene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1
Pyrene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 15:13	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*77*		*37 - 141*	*04/04/11 09:02*	*04/06/11 15:13*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 19:16	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 19:16	1

Client Sample ID: ESE-007

Lab Sample ID: 680-66904-7

Date Collected: 03/30/11 10:45

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**30**		25		ug/L			04/08/11 20:09	1
Benzene	**2.9**		1.0		ug/L			04/08/11 20:09	1
Bromoform	<1.0		1.0		ug/L			04/08/11 20:09	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 20:09	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 20:09	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 20:09	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 20:09	1

Client Sample ID: ESE-007
Date Collected: 03/30/11 10:45
Date Received: 03/31/11 09:06

Lab Sample ID: 680-66904-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 20:09	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 20:09	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 20:09	1
Chloroform	<1.0		1.0		ug/L			04/08/11 20:09	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 20:09	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 20:09	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 20:09	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 20:09	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 20:09	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 20:09	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 20:09	1
Ethylbenzene	**6.5**		1.0		ug/L			04/08/11 20:09	1
2-Hexanone	<10		10		ug/L			04/08/11 20:09	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 20:09	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 20:09	1
Styrene	<1.0		1.0		ug/L			04/08/11 20:09	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 20:09	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 20:09	1
Toluene	**7.9**		1.0		ug/L			04/08/11 20:09	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 20:09	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 20:09	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 20:09	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 20:09	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 20:09	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 20:09	1
Xylenes, Total	**7.2**		2.0		ug/L			04/08/11 20:09	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*04/08/11 20:09*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*04/08/11 20:09*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/08/11 20:09*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**83**		10		ug/L		04/04/11 14:40	04/06/11 11:16	1
2,4-Dimethylphenol	**46**		10		ug/L		04/04/11 14:40	04/06/11 11:16	1
Pentachlorophenol	<51		51		ug/L		04/04/11 14:40	04/06/11 11:16	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*64*		*25 - 130*	*04/04/11 14:40*	*04/06/11 11:16*	*1*
2-Fluorophenol	*62*		*25 - 130*	*04/04/11 14:40*	*04/06/11 11:16*	*1*
2,4,6-Tribromophenol	*97*		*31 - 141*	*04/04/11 14:40*	*04/06/11 11:16*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Acenaphthylene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Anthracene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Benzo[a]anthracene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 15:47	1
Benzo[a]pyrene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 15:47	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 15:47	1

Client Sample ID: ESE-007

Lab Sample ID: 680-66904-7

Date Collected: 03/30/11 10:45

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8310 - PAHs (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Benzo[k]fluoranthene	<0.47		0.47		ug/L		04/04/11 09:02	04/06/11 15:47	1
Chrysene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 15:47	1
Fluoranthene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Fluorene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 15:47	1
1-Methylnaphthalene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
2-Methylnaphthalene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Naphthalene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Phenanthrene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1
Pyrene	<0.93		0.93		ug/L		04/04/11 09:02	04/06/11 15:47	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*96*		*37 - 141*	*04/04/11 09:02*	*04/06/11 15:47*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 19:21	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 19:21	1

Client Sample ID: WMW-17E

Lab Sample ID: 680-66904-8

Date Collected: 03/29/11 17:45

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 18:55	1
Benzene	<1.0		1.0		ug/L			04/08/11 18:55	1
Bromoform	<1.0		1.0		ug/L			04/08/11 18:55	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 18:55	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 18:55	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 18:55	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 18:55	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 18:55	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 18:55	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 18:55	1
Chloroform	<1.0		1.0		ug/L			04/08/11 18:55	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 18:55	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 18:55	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 18:55	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 18:55	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 18:55	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 18:55	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 18:55	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 18:55	1
2-Hexanone	<10		10		ug/L			04/08/11 18:55	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 18:55	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 18:55	1
Styrene	<1.0		1.0		ug/L			04/08/11 18:55	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 18:55	1

Client Sample ID: WMW-17E — **Lab Sample ID: 680-66904-8**

Date Collected: 03/29/11 17:45 — **Matrix: Water**

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 18:55	1
Toluene	<1.0		1.0		ug/L			04/08/11 18:55	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 18:55	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 18:55	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 18:55	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 18:55	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 18:55	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 18:55	1
Xylenes, Total	**2.9**		2.0		ug/L			04/08/11 18:55	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*04/08/11 18:55*	*1*
Dibromofluoromethane	*92*		*70 - 130*		*04/08/11 18:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/08/11 18:55*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<10		10		ug/L		04/04/11 14:40	04/05/11 18:33	1
2,4-Dimethylphenol	<10		10		ug/L		04/04/11 14:40	04/05/11 18:33	1
Pentachlorophenol	<52		52		ug/L		04/04/11 14:40	04/05/11 18:33	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*61*		*25 - 130*	*04/04/11 14:40*	*04/05/11 18:33*	*1*
2-Fluorophenol	*63*		*25 - 130*	*04/04/11 14:40*	*04/05/11 18:33*	*1*
2,4,6-Tribromophenol	*83*		*31 - 141*	*04/04/11 14:40*	*04/05/11 18:33*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Acenaphthylene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Anthracene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 16:21	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 16:21	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 16:21	1
Benzo[g,h,i]perylene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Benzo[k]fluoranthene	<0.49		0.49		ug/L		04/04/11 09:02	04/06/11 16:21	1
Chrysene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 16:21	1
Fluoranthene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Fluorene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 16:21	1
1-Methylnaphthalene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
2-Methylnaphthalene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Naphthalene	**1.4**		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Phenanthrene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1
Pyrene	<0.98		0.98		ug/L		04/04/11 09:02	04/06/11 16:21	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*81*		*37 - 141*	*04/04/11 09:02*	*04/06/11 16:21*	*1*

Client Sample ID: WMW-17E

Lab Sample ID: 680-66904-8

Date Collected: 03/29/11 17:45

Matrix: Water

Date Received: 03/31/11 09:06

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 19:26	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 19:26	1

Client Sample ID: WMW-18E

Lab Sample ID: 680-66904-9

Date Collected: 03/29/11 19:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 19:24	1
Benzene	<1.0		1.0		ug/L			04/08/11 19:24	1
Bromoform	<1.0		1.0		ug/L			04/08/11 19:24	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 19:24	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 19:24	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 19:24	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 19:24	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 19:24	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 19:24	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 19:24	1
Chloroform	<1.0		1.0		ug/L			04/08/11 19:24	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 19:24	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:24	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 19:24	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:24	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:24	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:24	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 19:24	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 19:24	1
2-Hexanone	<10		10		ug/L			04/08/11 19:24	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 19:24	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 19:24	1
Styrene	<1.0		1.0		ug/L			04/08/11 19:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 19:24	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 19:24	1
Toluene	<1.0		1.0		ug/L			04/08/11 19:24	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:24	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:24	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:24	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:24	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 19:24	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 19:24	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 19:24	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*		*04/08/11 19:24*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*04/08/11 19:24*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/08/11 19:24*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<11		11		ug/L		04/04/11 14:40	04/05/11 19:01	1

Client Sample ID: WMW-18E

Lab Sample ID: 680-66904-9

Date Collected: 03/29/11 19:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<11		11		ug/L		04/04/11 14:40	04/05/11 19:01	1
Pentachlorophenol	<57		57		ug/L		04/04/11 14:40	04/05/11 19:01	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*62*		*25 - 130*	*04/04/11 14:40*	*04/05/11 19:01*	*1*
2-Fluorophenol	*67*		*25 - 130*	*04/04/11 14:40*	*04/05/11 19:01*	*1*
2,4,6-Tribromophenol	*94*		*31 - 141*	*04/04/11 14:40*	*04/05/11 19:01*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Acenaphthylene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Anthracene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Benzo[a]anthracene	<0.21		0.21		ug/L		04/04/11 09:02	04/06/11 16:55	1
Benzo[a]pyrene	<0.21		0.21		ug/L		04/04/11 09:02	04/06/11 16:55	1
Benzo[b]fluoranthene	<0.21		0.21		ug/L		04/04/11 09:02	04/06/11 16:55	1
Benzo[g,h,i]perylene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Benzo[k]fluoranthene	<0.53		0.53		ug/L		04/04/11 09:02	04/06/11 16:55	1
Chrysene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Dibenz(a,h)anthracene	<0.21		0.21		ug/L		04/04/11 09:02	04/06/11 16:55	1
Fluoranthene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Fluorene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Indeno[1,2,3-cd]pyrene	<0.21		0.21		ug/L		04/04/11 09:02	04/06/11 16:55	1
1-Methylnaphthalene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
2-Methylnaphthalene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Naphthalene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Phenanthrene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1
Pyrene	<1.1		1.1		ug/L		04/04/11 09:02	04/06/11 16:55	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*113*		*37 - 141*	*04/04/11 09:02*	*04/06/11 16:55*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 19:31	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 19:31	1

Client Sample ID: Duplicate

Lab Sample ID: 680-66904-10

Date Collected: 03/29/11 18:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 19:54	1
Benzene	<1.0		1.0		ug/L			04/08/11 19:54	1
Bromoform	<1.0		1.0		ug/L			04/08/11 19:54	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 19:54	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 19:54	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 19:54	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 19:54	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 19:54	1

Client Sample ID: Duplicate

Lab Sample ID: 680-66904-10

Date Collected: 03/29/11 18:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 19:54	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 19:54	1
Chloroform	<1.0		1.0		ug/L			04/08/11 19:54	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 19:54	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:54	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 19:54	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:54	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 19:54	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:54	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 19:54	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 19:54	1
2-Hexanone	<10		10		ug/L			04/08/11 19:54	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 19:54	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 19:54	1
Styrene	<1.0		1.0		ug/L			04/08/11 19:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 19:54	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 19:54	1
Toluene	<1.0		1.0		ug/L			04/08/11 19:54	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 19:54	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 19:54	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:54	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 19:54	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 19:54	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 19:54	1
Xylenes, Total	**2.5**		2.0		ug/L			04/08/11 19:54	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*		*04/08/11 19:54*	*1*
Dibromofluoromethane	*92*		*70 - 130*		*04/08/11 19:54*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/08/11 19:54*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<11		11		ug/L		04/04/11 14:40	04/05/11 19:29	1
2,4-Dimethylphenol	<11		11		ug/L		04/04/11 14:40	04/05/11 19:29	1
Pentachlorophenol	<53		53		ug/L		04/04/11 14:40	04/05/11 19:29	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*67*		*25 - 130*	*04/04/11 14:40*	*04/05/11 19:29*	*1*
2-Fluorophenol	*68*		*25 - 130*	*04/04/11 14:40*	*04/05/11 19:29*	*1*
2,4,6-Tribromophenol	*98*		*31 - 141*	*04/04/11 14:40*	*04/05/11 19:29*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Acenaphthylene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Anthracene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Benzo[a]anthracene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 17:28	1
Benzo[a]pyrene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 17:28	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 17:28	1
Benzo[g,h,i]perylene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1

Client Sample ID: Duplicate

Lab Sample ID: 680-66904-10

Date Collected: 03/29/11 18:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8310 - PAHs (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.49		0.49		ug/L		04/04/11 09:02	04/06/11 17:28	1
Chrysene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 17:28	1
Fluoranthene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Fluorene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		04/04/11 09:02	04/06/11 17:28	1
1-Methylnaphthalene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
2-Methylnaphthalene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Naphthalene	**1.2**		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Phenanthrene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1
Pyrene	<0.97		0.97		ug/L		04/04/11 09:02	04/06/11 17:28	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*73*		*37 - 141*	*04/04/11 09:02*	*04/06/11 17:28*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 19:37	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 19:37	1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-66904-11

Date Collected: 03/30/11 14:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 17:12	1
Benzene	<1.0		1.0		ug/L			04/08/11 17:12	1
Bromoform	<1.0		1.0		ug/L			04/08/11 17:12	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 17:12	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 17:12	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 17:12	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 17:12	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 17:12	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 17:12	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 17:12	1
Chloroform	<1.0		1.0		ug/L			04/08/11 17:12	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 17:12	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 17:12	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 17:12	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 17:12	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 17:12	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 17:12	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 17:12	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 17:12	1
2-Hexanone	<10		10		ug/L			04/08/11 17:12	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 17:12	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 17:12	1
Styrene	<1.0		1.0		ug/L			04/08/11 17:12	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 17:12	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 17:12	1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-66904-11

Date Collected: 03/30/11 14:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.4		1.0		ug/L			04/08/11 17:12	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 17:12	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 17:12	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 17:12	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 17:12	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 17:12	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 17:12	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 17:12	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 130*		*04/08/11 17:12*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*04/08/11 17:12*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/08/11 17:12*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<11		11		ug/L		04/04/11 14:40	04/05/11 19:57	1
2,4-Dimethylphenol	<11		11		ug/L		04/04/11 14:40	04/05/11 19:57	1
Pentachlorophenol	<53		53		ug/L		04/04/11 14:40	04/05/11 19:57	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*61*		*25 - 130*	*04/04/11 14:40*	*04/05/11 19:57*	*1*
2-Fluorophenol	*64*		*25 - 130*	*04/04/11 14:40*	*04/05/11 19:57*	*1*
2,4,6-Tribromophenol	*96*		*31 - 141*	*04/04/11 14:40*	*04/05/11 19:57*	*1*

Method: 8310 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Acenaphthylene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Anthracene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 18:02	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 18:02	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 18:02	1
Benzo[g,h,i]perylene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Benzo[k]fluoranthene	<0.51		0.51		ug/L		04/04/11 09:02	04/06/11 18:02	1
Chrysene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 18:02	1
Fluoranthene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Fluorene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/06/11 18:02	1
1-Methylnaphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
2-Methylnaphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Naphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Phenanthrene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1
Pyrene	<1.0		1.0		ug/L		04/04/11 09:02	04/06/11 18:02	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*95*		*37 - 141*	*04/04/11 09:02*	*04/06/11 18:02*	*1*

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 19:42	1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-66904-11

Date Collected: 03/30/11 14:30

Matrix: Water

Date Received: 03/31/11 09:06

Method: 6010B - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 19:42	1

Client Sample ID: TB-01

Lab Sample ID: 680-66904-12

Date Collected: 03/30/11 00:00

Matrix: Water

Date Received: 03/31/11 09:06

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 16:13	1
Benzene	<1.0		1.0		ug/L			04/08/11 16:13	1
Bromoform	<1.0		1.0		ug/L			04/08/11 16:13	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 16:13	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 16:13	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 16:13	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 16:13	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 16:13	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 16:13	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 16:13	1
Chloroform	<1.0		1.0		ug/L			04/08/11 16:13	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 16:13	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 16:13	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 16:13	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 16:13	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 16:13	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 16:13	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 16:13	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 16:13	1
2-Hexanone	<10		10		ug/L			04/08/11 16:13	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 16:13	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 16:13	1
Styrene	<1.0		1.0		ug/L			04/08/11 16:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 16:13	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 16:13	1
Toluene	<1.0		1.0		ug/L			04/08/11 16:13	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 16:13	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 16:13	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 16:13	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 16:13	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 16:13	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 16:13	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 16:13	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 130*		*04/08/11 16:13*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*04/08/11 16:13*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/08/11 16:13*	*1*

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Client Sample ID: TB-02
Date Collected: 03/30/11 00:00
Date Received: 03/31/11 09:06

Lab Sample ID: 680-66904-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 16:43	1
Benzene	<1.0		1.0		ug/L			04/08/11 16:43	1
Bromoform	<1.0		1.0		ug/L			04/08/11 16:43	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 16:43	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 16:43	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 16:43	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 16:43	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 16:43	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 16:43	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 16:43	1
Chloroform	<1.0		1.0		ug/L			04/08/11 16:43	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 16:43	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 16:43	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 16:43	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 16:43	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 16:43	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 16:43	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 16:43	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 16:43	1
2-Hexanone	<10		10		ug/L			04/08/11 16:43	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 16:43	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 16:43	1
Styrene	<1.0		1.0		ug/L			04/08/11 16:43	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 16:43	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 16:43	1
Toluene	<1.0		1.0		ug/L			04/08/11 16:43	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 16:43	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 16:43	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 16:43	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 16:43	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 16:43	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 16:43	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 16:43	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*04/08/11 16:43*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*04/08/11 16:43*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/08/11 16:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-199498/8
Matrix: Water
Analysis Batch: 199498

Client Sample ID: MB 680-199498/8
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 12:04	1
Benzene	<1.0		1.0		ug/L			04/08/11 12:04	1
Bromoform	<1.0		1.0		ug/L			04/08/11 12:04	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 12:04	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 12:04	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 12:04	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 12:04	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 12:04	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 12:04	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 12:04	1
Chloroform	<1.0		1.0		ug/L			04/08/11 12:04	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 12:04	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 12:04	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 12:04	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 12:04	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 12:04	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 12:04	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 12:04	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 12:04	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 12:04	1
2-Hexanone	<10		10		ug/L			04/08/11 12:04	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 12:04	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 12:04	1
Styrene	<1.0		1.0		ug/L			04/08/11 12:04	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 12:04	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 12:04	1
Toluene	<1.0		1.0		ug/L			04/08/11 12:04	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 12:04	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 12:04	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 12:04	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 12:04	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 12:04	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 12:04	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 12:04	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*04/08/11 12:04*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*04/08/11 12:04*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*04/08/11 12:04*	*1*

Lab Sample ID: LCS 680-199498/5
Matrix: Water
Analysis Batch: 199498

Client Sample ID: LCS 680-199498/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	102		ug/L		102	26 - 180
Benzene	50.0	49.1		ug/L		98	70 - 130
Bromoform	50.0	45.7		ug/L		91	70 - 130
Bromomethane	50.0	22.0		ug/L		44	23 - 165

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-199498/5
Matrix: Water
Analysis Batch: 199498

Client Sample ID: LCS 680-199498/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Butanone (MEK)	100	107		ug/L		107	49 - 172
Carbon disulfide	50.0	49.4		ug/L		99	54 - 132
Carbon tetrachloride	50.0	45.2		ug/L		90	70 - 130
Chlorobenzene	50.0	48.9		ug/L		98	70 - 130
Chlorodibromomethane	50.0	47.0		ug/L		94	70 - 130
Chloroethane	50.0	46.0		ug/L		92	56 - 152
Chloroform	50.0	48.8		ug/L		98	70 - 130
Chloromethane	50.0	50.7		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	48.8		ug/L		98	70 - 130
cis-1,3-Dichloropropene	50.0	46.0		ug/L		92	70 - 130
Dichlorobromomethane	50.0	44.0		ug/L		88	70 - 130
1,1-Dichloroethane	50.0	50.5		ug/L		101	70 - 130
1,2-Dichloroethane	50.0	47.0		ug/L		94	70 - 130
1,1-Dichloroethene	50.0	49.3		ug/L		99	66 - 131
1,2-Dichloropropane	50.0	49.9		ug/L		100	70 - 130
Ethylbenzene	50.0	50.3		ug/L		101	70 - 130
2-Hexanone	100	113		ug/L		113	42 - 185
Methylene Chloride	50.0	50.3		ug/L		101	67 - 130
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	70 - 130
Styrene	50.0	51.0		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.3		ug/L		109	70 - 130
Tetrachloroethene	50.0	46.8		ug/L		94	70 - 130
Toluene	50.0	48.6		ug/L		97	70 - 130
trans-1,2-Dichloroethene	50.0	48.6		ug/L		97	70 - 130
trans-1,3-Dichloropropene	50.0	44.7		ug/L		89	70 - 130
1,1,1-Trichloroethane	50.0	49.0		ug/L		98	70 - 130
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	70 - 130
Trichloroethene	50.0	46.3		ug/L		93	70 - 130
Vinyl chloride	50.0	50.0		ug/L		100	67 - 134
Xylenes, Total	150	150		ug/L		100	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 680-199498/6
Matrix: Water
Analysis Batch: 199498

Client Sample ID: LCSD 680-199498/6
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	106		ug/L		106	26 - 180	4	50
Benzene	50.0	50.5		ug/L		101	70 - 130	3	30
Bromoform	50.0	44.3		ug/L		89	70 - 130	3	30
Bromomethane	50.0	26.6		ug/L		53	23 - 165	19	50
2-Butanone (MEK)	100	107		ug/L		107	49 - 172	0	30
Carbon disulfide	50.0	50.9		ug/L		102	54 - 132	3	30
Carbon tetrachloride	50.0	46.5		ug/L		93	70 - 130	3	30
Chlorobenzene	50.0	49.1		ug/L		98	70 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-199498/6
Matrix: Water
Analysis Batch: 199498

Client Sample ID: LCSD 680-199498/6
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlorodibromomethane			50.0	46.0		ug/L		92	70 - 130	2	50
Chloroethane			50.0	48.3		ug/L		97	56 - 152	5	40
Chloroform			50.0	49.9		ug/L		100	70 - 130	2	30
Chloromethane			50.0	52.2		ug/L		104	70 - 130	3	30
cis-1,2-Dichloroethene			50.0	49.4		ug/L		99	70 - 130	1	30
cis-1,3-Dichloropropene			50.0	46.6		ug/L		93	70 - 130	1	30
Dichlorobromomethane			50.0	44.4		ug/L		89	70 - 130	1	30
1,1-Dichloroethane			50.0	51.5		ug/L		103	70 - 130	2	30
1,2-Dichloroethane			50.0	47.6		ug/L		95	70 - 130	1	30
1,1-Dichloroethene			50.0	49.7		ug/L		99	66 - 131	1	30
1,2-Dichloropropane			50.0	51.1		ug/L		102	70 - 130	2	30
Ethylbenzene			50.0	50.0		ug/L		100	70 - 130	0	30
2-Hexanone			100	107		ug/L		107	42 - 185	6	30
Methylene Chloride			50.0	50.7		ug/L		101	67 - 130	1	30
4-Methyl-2-pentanone (MIBK)			100	109		ug/L		109	70 - 130	0	30
Styrene			50.0	51.1		ug/L		102	70 - 130	0	30
1,1,2,2-Tetrachloroethane			50.0	52.3		ug/L		105	70 - 130	4	30
Tetrachloroethene			50.0	46.7		ug/L		93	70 - 130	0	30
Toluene			50.0	50.2		ug/L		100	70 - 130	3	30
trans-1,2-Dichloroethene			50.0	49.4		ug/L		99	70 - 130	2	30
trans-1,3-Dichloropropene			50.0	45.1		ug/L		90	70 - 130	1	50
1,1,1-Trichloroethane			50.0	50.5		ug/L		101	70 - 130	3	30
1,1,2-Trichloroethane			50.0	50.5		ug/L		101	70 - 130	1	30
Trichloroethene			50.0	48.5		ug/L		97	70 - 130	5	30
Vinyl chloride			50.0	50.0		ug/L		100	67 - 134	0	30
Xylenes, Total			150	148		ug/L		98	70 - 130	2	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 680-199555/21
Matrix: Water
Analysis Batch: 199555

Client Sample ID: MB 680-199555/21
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/08/11 12:18	1
Benzene	<1.0		1.0		ug/L			04/08/11 12:18	1
Bromoform	<1.0		1.0		ug/L			04/08/11 12:18	1
Bromomethane	<1.0		1.0		ug/L			04/08/11 12:18	1
2-Butanone (MEK)	<10		10		ug/L			04/08/11 12:18	1
Carbon disulfide	<2.0		2.0		ug/L			04/08/11 12:18	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/08/11 12:18	1
Chlorobenzene	<1.0		1.0		ug/L			04/08/11 12:18	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/08/11 12:18	1
Chloroethane	<1.0		1.0		ug/L			04/08/11 12:18	1
Chloroform	<1.0		1.0		ug/L			04/08/11 12:18	1
Chloromethane	<1.0		1.0		ug/L			04/08/11 12:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-199555/21
Matrix: Water
Analysis Batch: 199555

Client Sample ID: MB 680-199555/21
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 12:18	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 12:18	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/08/11 12:18	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/08/11 12:18	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/08/11 12:18	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/08/11 12:18	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/08/11 12:18	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/11 12:18	1
2-Hexanone	<10		10		ug/L			04/08/11 12:18	1
Methylene Chloride	<5.0		5.0		ug/L			04/08/11 12:18	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/08/11 12:18	1
Styrene	<1.0		1.0		ug/L			04/08/11 12:18	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/08/11 12:18	1
Tetrachloroethene	<1.0		1.0		ug/L			04/08/11 12:18	1
Toluene	<1.0		1.0		ug/L			04/08/11 12:18	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/08/11 12:18	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/08/11 12:18	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/08/11 12:18	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/08/11 12:18	1
Trichloroethene	<1.0		1.0		ug/L			04/08/11 12:18	1
Vinyl chloride	<1.0		1.0		ug/L			04/08/11 12:18	1
Xylenes, Total	<2.0		2.0		ug/L			04/08/11 12:18	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*04/08/11 12:18*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*04/08/11 12:18*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/08/11 12:18*	*1*

Lab Sample ID: LCS 680-199555/18
Matrix: Water
Analysis Batch: 199555

Client Sample ID: LCS 680-199555/18
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	100		ug/L		100	26 - 180
Benzene	50.0	50.3		ug/L		101	70 - 130
Bromoform	50.0	46.8		ug/L		94	70 - 130
Bromomethane	50.0	35.3		ug/L		71	23 - 165
2-Butanone (MEK)	100	99.9		ug/L		100	49 - 172
Carbon disulfide	50.0	51.9		ug/L		104	54 - 132
Carbon tetrachloride	50.0	42.6		ug/L		85	70 - 130
Chlorobenzene	50.0	49.6		ug/L		99	70 - 130
Chlorodibromomethane	50.0	43.4		ug/L		87	70 - 130
Chloroethane	50.0	46.1		ug/L		92	56 - 152
Chloroform	50.0	50.9		ug/L		102	70 - 130
Chloromethane	50.0	48.3		ug/L		97	70 - 130
cis-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 130
cis-1,3-Dichloropropene	50.0	53.8		ug/L		108	70 - 130
Dichlorobromomethane	50.0	54.3		ug/L		109	70 - 130
1,1-Dichloroethane	50.0	51.1		ug/L		102	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-199555/18
Matrix: Water
Analysis Batch: 199555

Client Sample ID: LCS 680-199555/18
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2-Dichloroethane	50.0	50.3		ug/L		101	70 - 130
1,1-Dichloroethene	50.0	50.7		ug/L		101	66 - 131
1,2-Dichloropropane	50.0	49.5		ug/L		99	70 - 130
Ethylbenzene	50.0	50.2		ug/L		100	70 - 130
2-Hexanone	100	104		ug/L		104	42 - 185
Methylene Chloride	50.0	50.3		ug/L		101	67 - 130
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	70 - 130
Styrene	50.0	51.9		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	53.1		ug/L		106	70 - 130
Tetrachloroethene	50.0	48.5		ug/L		97	70 - 130
Toluene	50.0	50.2		ug/L		100	70 - 130
trans-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 130
trans-1,3-Dichloropropene	50.0	46.6		ug/L		93	70 - 130
1,1,1-Trichloroethane	50.0	52.7		ug/L		105	70 - 130
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	70 - 130
Trichloroethene	50.0	47.8		ug/L		96	70 - 130
Vinyl chloride	50.0	49.3		ug/L		99	67 - 134
Xylenes, Total	150	152		ug/L		101	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 680-199555/19
Matrix: Water
Analysis Batch: 199555

Client Sample ID: LCSD 680-199555/19
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	99.0		ug/L		99	26 - 180	1	50
Benzene	50.0	50.0		ug/L		100	70 - 130	0	30
Bromoform	50.0	44.8		ug/L		90	70 - 130	4	30
Bromomethane	50.0	28.1		ug/L		56	23 - 165	23	50
2-Butanone (MEK)	100	96.9		ug/L		97	49 - 172	3	30
Carbon disulfide	50.0	49.1		ug/L		98	54 - 132	5	30
Carbon tetrachloride	50.0	43.1		ug/L		86	70 - 130	1	30
Chlorobenzene	50.0	49.3		ug/L		99	70 - 130	1	30
Chlorodibromomethane	50.0	42.4		ug/L		85	70 - 130	2	50
Chloroethane	50.0	37.5		ug/L		75	56 - 152	20	40
Chloroform	50.0	49.6		ug/L		99	70 - 130	3	30
Chloromethane	50.0	47.4		ug/L		95	70 - 130	2	30
cis-1,2-Dichloroethene	50.0	48.7		ug/L		97	70 - 130	4	30
cis-1,3-Dichloropropene	50.0	54.6		ug/L		109	70 - 130	1	30
Dichlorobromomethane	50.0	54.6		ug/L		109	70 - 130	1	30
1,1-Dichloroethane	50.0	49.4		ug/L		99	70 - 130	3	30
1,2-Dichloroethane	50.0	50.8		ug/L		102	70 - 130	1	30
1,1-Dichloroethene	50.0	46.8		ug/L		94	66 - 131	8	30
1,2-Dichloropropane	50.0	51.1		ug/L		102	70 - 130	3	30
Ethylbenzene	50.0	50.1		ug/L		100	70 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-199555/19
Matrix: Water
Analysis Batch: 199555

Client Sample ID: LCSD 680-199555/19
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Hexanone			100	105		ug/L		105	42 - 185	1	30
Methylene Chloride			50.0	49.5		ug/L		99	67 - 130	1	30
4-Methyl-2-pentanone (MIBK)			100	106		ug/L		106	70 - 130	3	30
Styrene			50.0	51.6		ug/L		103	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	51.4		ug/L		103	70 - 130	3	30
Tetrachloroethene			50.0	47.3		ug/L		95	70 - 130	3	30
Toluene			50.0	51.0		ug/L		102	70 - 130	2	30
trans-1,2-Dichloroethene			50.0	49.3		ug/L		99	70 - 130	2	30
trans-1,3-Dichloropropene			50.0	47.2		ug/L		94	70 - 130	1	50
1,1,1-Trichloroethane			50.0	52.8		ug/L		106	70 - 130	0	30
1,1,2-Trichloroethane			50.0	51.5		ug/L		103	70 - 130	0	30
Trichloroethene			50.0	47.9		ug/L		96	70 - 130	0	30
Vinyl chloride			50.0	47.3		ug/L		95	67 - 134	4	30
Xylenes, Total			150	149		ug/L		99	70 - 130	2	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 680-199675/21
Matrix: Water
Analysis Batch: 199675

Client Sample ID: MB 680-199675/21
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			04/10/11 11:35	1
Benzene	<1.0		1.0		ug/L			04/10/11 11:35	1
Bromoform	<1.0		1.0		ug/L			04/10/11 11:35	1
Bromomethane	<1.0		1.0		ug/L			04/10/11 11:35	1
2-Butanone (MEK)	<10		10		ug/L			04/10/11 11:35	1
Carbon disulfide	<2.0		2.0		ug/L			04/10/11 11:35	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/10/11 11:35	1
Chlorobenzene	<1.0		1.0		ug/L			04/10/11 11:35	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/10/11 11:35	1
Chloroethane	<1.0		1.0		ug/L			04/10/11 11:35	1
Chloroform	<1.0		1.0		ug/L			04/10/11 11:35	1
Chloromethane	<1.0		1.0		ug/L			04/10/11 11:35	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			04/10/11 11:35	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/10/11 11:35	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/10/11 11:35	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/10/11 11:35	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/10/11 11:35	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/10/11 11:35	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/10/11 11:35	1
Ethylbenzene	<1.0		1.0		ug/L			04/10/11 11:35	1
2-Hexanone	<10		10		ug/L			04/10/11 11:35	1
Methylene Chloride	<5.0		5.0		ug/L			04/10/11 11:35	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/10/11 11:35	1
Styrene	<1.0		1.0		ug/L			04/10/11 11:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-199675/21
Matrix: Water
Analysis Batch: 199675

Client Sample ID: MB 680-199675/21
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/10/11 11:35	1
Tetrachloroethene	<1.0		1.0		ug/L			04/10/11 11:35	1
Toluene	<1.0		1.0		ug/L			04/10/11 11:35	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/10/11 11:35	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/10/11 11:35	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/10/11 11:35	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/10/11 11:35	1
Trichloroethene	<1.0		1.0		ug/L			04/10/11 11:35	1
Vinyl chloride	<1.0		1.0		ug/L			04/10/11 11:35	1
Xylenes, Total	<2.0		2.0		ug/L			04/10/11 11:35	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 130*		*04/10/11 11:35*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*04/10/11 11:35*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*04/10/11 11:35*	*1*

Lab Sample ID: LCS 680-199675/18
Matrix: Water
Analysis Batch: 199675

Client Sample ID: LCS 680-199675/18
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	136		ug/L		136	26 - 180
Benzene	50.0	52.2		ug/L		104	70 - 130
Bromoform	50.0	50.6		ug/L		101	70 - 130
Bromomethane	50.0	38.0		ug/L		76	23 - 165
2-Butanone (MEK)	100	121		ug/L		121	49 - 172
Carbon disulfide	50.0	60.9		ug/L		122	54 - 132
Carbon tetrachloride	50.0	52.2		ug/L		104	70 - 130
Chlorobenzene	50.0	49.0		ug/L		98	70 - 130
Chlorodibromomethane	50.0	49.6		ug/L		99	70 - 130
Chloroethane	50.0	58.0		ug/L		116	56 - 152
Chloroform	50.0	53.5		ug/L		107	70 - 130
Chloromethane	50.0	56.8		ug/L		114	70 - 130
cis-1,2-Dichloroethene	50.0	53.8		ug/L		108	70 - 130
cis-1,3-Dichloropropene	50.0	48.2		ug/L		96	70 - 130
Dichlorobromomethane	50.0	46.5		ug/L		93	70 - 130
1,1-Dichloroethane	50.0	57.2		ug/L		114	70 - 130
1,2-Dichloroethane	50.0	46.8		ug/L		94	70 - 130
1,1-Dichloroethene	50.0	56.7		ug/L		113	66 - 131
1,2-Dichloropropane	50.0	50.4		ug/L		101	70 - 130
Ethylbenzene	50.0	50.4		ug/L		101	70 - 130
2-Hexanone	100	120		ug/L		120	42 - 185
Methylene Chloride	50.0	54.0		ug/L		108	67 - 130
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	70 - 130
Styrene	50.0	51.5		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	50.0	53.4		ug/L		107	70 - 130
Tetrachloroethene	50.0	47.7		ug/L		95	70 - 130
Toluene	50.0	48.5		ug/L		97	70 - 130
trans-1,2-Dichloroethene	50.0	53.0		ug/L		106	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-199675/18
Matrix: Water
Analysis Batch: 199675

Client Sample ID: LCS 680-199675/18
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
trans-1,3-Dichloropropene	50.0	46.2		ug/L		92	70 - 130
1,1,1-Trichloroethane	50.0	54.8		ug/L		110	70 - 130
1,1,2-Trichloroethane	50.0	48.3		ug/L		97	70 - 130
Trichloroethene	50.0	46.7		ug/L		93	70 - 130
Vinyl chloride	50.0	55.0		ug/L		110	67 - 134
Xylenes, Total	150	150		ug/L		100	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 680-199675/19
Matrix: Water
Analysis Batch: 199675

Client Sample ID: LCSD 680-199675/19
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	118		ug/L		118	26 - 180	14	50
Benzene	50.0	50.4		ug/L		101	70 - 130	3	30
Bromoform	50.0	50.4		ug/L		101	70 - 130	0	30
Bromomethane	50.0	42.8		ug/L		86	23 - 165	12	50
2-Butanone (MEK)	100	113		ug/L		113	49 - 172	7	30
Carbon disulfide	50.0	55.8		ug/L		112	54 - 132	9	30
Carbon tetrachloride	50.0	52.4		ug/L		105	70 - 130	0	30
Chlorobenzene	50.0	49.3		ug/L		99	70 - 130	1	30
Chlorodibromomethane	50.0	50.0		ug/L		100	70 - 130	1	50
Chloroethane	50.0	58.1		ug/L		116	56 - 152	0	40
Chloroform	50.0	52.8		ug/L		106	70 - 130	1	30
Chloromethane	50.0	58.0		ug/L		116	70 - 130	2	30
cis-1,2-Dichloroethene	50.0	52.5		ug/L		105	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	50.1		ug/L		100	70 - 130	4	30
Dichlorobromomethane	50.0	48.0		ug/L		96	70 - 130	3	30
1,1-Dichloroethane	50.0	55.1		ug/L		110	70 - 130	4	30
1,2-Dichloroethane	50.0	48.5		ug/L		97	70 - 130	4	30
1,1-Dichloroethene	50.0	54.8		ug/L		110	66 - 131	3	30
1,2-Dichloropropane	50.0	52.2		ug/L		104	70 - 130	4	30
Ethylbenzene	50.0	51.2		ug/L		102	70 - 130	2	30
2-Hexanone	100	118		ug/L		118	42 - 185	2	30
Methylene Chloride	50.0	51.6		ug/L		103	67 - 130	4	30
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	70 - 130	1	30
Styrene	50.0	51.7		ug/L		103	70 - 130	0	30
1,1,2,2-Tetrachloroethane	50.0	52.5		ug/L		105	70 - 130	2	30
Tetrachloroethene	50.0	48.0		ug/L		96	70 - 130	1	30
Toluene	50.0	49.6		ug/L		99	70 - 130	2	30
trans-1,2-Dichloroethene	50.0	53.6		ug/L		107	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	47.6		ug/L		95	70 - 130	3	50
1,1,1-Trichloroethane	50.0	55.1		ug/L		110	70 - 130	0	30
1,1,2-Trichloroethane	50.0	50.4		ug/L		101	70 - 130	4	30
Trichloroethene	50.0	49.0		ug/L		98	70 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-199675/19
Matrix: Water
Analysis Batch: 199675

Client Sample ID: LCSD 680-199675/19
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Vinyl chloride			50.0	56.1		ug/L		112	67 - 134	2	30
Xylenes, Total			150	151		ug/L		101	70 - 130	1	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-198921/15-A
Matrix: Water
Analysis Batch: 199144

Client Sample ID: MB 680-198921/15-A
Prep Type: Total/NA
Prep Batch: 198921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<10		10		ug/L		04/04/11 14:40	04/05/11 14:19	1
2,4-Dimethylphenol	<10		10		ug/L		04/04/11 14:40	04/05/11 14:19	1
Pentachlorophenol	<50		50		ug/L		04/04/11 14:40	04/05/11 14:19	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*70*		*25 - 130*	*04/04/11 14:40*	*04/05/11 14:19*	*1*
2-Fluorophenol	*72*		*25 - 130*	*04/04/11 14:40*	*04/05/11 14:19*	*1*
2,4,6-Tribromophenol	*78*		*31 - 141*	*04/04/11 14:40*	*04/05/11 14:19*	*1*

Lab Sample ID: LCS 680-198921/16-A
Matrix: Water
Analysis Batch: 199144

Client Sample ID: LCS 680-198921/16-A
Prep Type: Total/NA
Prep Batch: 198921

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Phenol			100	76.5		ug/L		77	29 - 130
2,4-Dimethylphenol			100	62.7		ug/L		63	40 - 130
Pentachlorophenol			100	99.7		ug/L		100	42 - 138

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Phenol-d5	*78*		*25 - 130*
2-Fluorophenol	*67*		*25 - 130*
2,4,6-Tribromophenol	*93*		*31 - 141*

Method: 8310 - PAHs (HPLC)

Lab Sample ID: MB 400-128588/22-A
Matrix: Water
Analysis Batch: 128772

Client Sample ID: MB 400-128588/22-A
Prep Type: Total/NA
Prep Batch: 128588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Acenaphthylene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Anthracene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 16:21	1

Method: 8310 - PAHs (HPLC) (Continued)

Lab Sample ID: MB 400-128588/22-A
Matrix: Water
Analysis Batch: 128772

Client Sample ID: MB 400-128588/22-A
Prep Type: Total/NA
Prep Batch: 128588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 16:21	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 16:21	1
Benzo[g,h,i]perylene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Benzo[k]fluoranthene	<0.50		0.50		ug/L		04/04/11 09:02	04/05/11 16:21	1
Chrysene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 16:21	1
Fluoranthene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Fluorene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/11 09:02	04/05/11 16:21	1
1-Methylnaphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
2-Methylnaphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Naphthalene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Phenanthrene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1
Pyrene	<1.0		1.0		ug/L		04/04/11 09:02	04/05/11 16:21	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Chloroanthracene	*100*		*37 - 141*	*04/04/11 09:02*	*04/05/11 16:21*	*1*

Lab Sample ID: LCS 400-128588/20-A
Matrix: Water
Analysis Batch: 128772

Client Sample ID: LCS 400-128588/20-A
Prep Type: Total/NA
Prep Batch: 128588

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	10.0	7.56		ug/L		76	45 - 114
Acenaphthylene	10.0	7.50		ug/L		75	49 - 99
Anthracene	10.0	6.94		ug/L		69	59 - 114
Benzo[a]anthracene	10.0	7.76		ug/L		78	58 - 110
Benzo[a]pyrene	10.0	6.65		ug/L		67	41 - 100
Benzo[b]fluoranthene	10.0	6.99		ug/L		70	44 - 102
Benzo[g,h,i]perylene	10.0	6.08		ug/L		61	14 - 96
Benzo[k]fluoranthene	10.0	6.64		ug/L		66	35 - 102
Chrysene	10.0	7.74		ug/L		77	58 - 121
Dibenz(a,h)anthracene	10.0	6.00		ug/L		60	13 - 102
Fluoranthene	10.0	8.55		ug/L		86	56 - 135
Fluorene	10.0	8.23		ug/L		82	50 - 101
Indeno[1,2,3-cd]pyrene	10.0	6.36		ug/L		64	33 - 103
1-Methylnaphthalene	10.0	7.74		ug/L		77	34 - 110
2-Methylnaphthalene	10.0	7.40		ug/L		74	30 - 112
Naphthalene	10.0	7.22		ug/L		72	15 - 137
Phenanthrene	10.0	8.72		ug/L		87	57 - 116
Pyrene	10.0	8.53		ug/L		85	62 - 117

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Chloroanthracene	*93*		*37 - 141*

Method: 8310 - PAHs (HPLC) (Continued)

Lab Sample ID: LCSD 400-128588/21-A — **Client Sample ID: LCSD 400-128588/21-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 128772 — **Prep Batch: 128588**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	10.0	7.65		ug/L		76	45 - 114	1	30
Acenaphthylene	10.0	7.85		ug/L		78	49 - 99	4	30
Anthracene	10.0	7.30		ug/L		73	59 - 114	5	30
Benzo[a]anthracene	10.0	8.57		ug/L		86	58 - 110	10	30
Benzo[a]pyrene	10.0	7.27		ug/L		73	41 - 100	9	30
Benzo[b]fluoranthene	10.0	7.78		ug/L		78	44 - 102	11	30
Benzo[g,h,i]perylene	10.0	6.32		ug/L		63	14 - 96	4	30
Benzo[k]fluoranthene	10.0	7.39		ug/L		74	35 - 102	11	30
Chrysene	10.0	8.66		ug/L		87	58 - 121	11	30
Dibenz(a,h)anthracene	10.0	6.00		ug/L		60	13 - 102	0	30
Fluoranthene	10.0	9.20		ug/L		92	56 - 135	7	30
Fluorene	10.0	8.65		ug/L		86	50 - 101	5	30
Indeno[1,2,3-cd]pyrene	10.0	6.83		ug/L		68	33 - 103	7	30
1-Methylnaphthalene	10.0	7.81		ug/L		78	34 - 110	1	30
2-Methylnaphthalene	10.0	7.68		ug/L		77	30 - 112	4	30
Naphthalene	10.0	7.91		ug/L		79	15 - 137	9	30
Phenanthrene	10.0	9.30		ug/L		93	57 - 116	6	30
Pyrene	10.0	9.14		ug/L		91	62 - 117	7	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2-Chloroanthracene	*101*		*37 - 141*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 680-198795/1-A — **Client Sample ID: MB 680-198795/1-A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 198944 — **Prep Batch: 198795**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<20		20		ug/L		04/01/11 10:22	04/01/11 17:37	1
Chromium	<10		10		ug/L		04/01/11 10:22	04/01/11 17:37	1

Lab Sample ID: LCS 680-198795/2-A — **Client Sample ID: LCS 680-198795/2-A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 198944 — **Prep Batch: 198795**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	2000	1980		ug/L		99	75 - 125
Chromium	200	205		ug/L		102	75 - 125

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Client Sample ID: ITW-1
Date Collected: 03/29/11 16:00
Date Received: 03/31/11 09:06

Lab Sample ID: 680-66904-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 18:11	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 15:15	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/05/11 19:09	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 18:40	JPH	TestAmerica Savannah

Client Sample ID: ITW-2
Date Collected: 03/29/11 16:30
Date Received: 03/31/11 09:06

Lab Sample ID: 680-66904-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 18:40	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 15:43	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/05/11 19:43	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 18:45	JPH	TestAmerica Savannah

Client Sample ID: ITW-13
Date Collected: 03/30/11 12:00
Date Received: 03/31/11 09:06

Lab Sample ID: 680-66904-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	199675	04/10/11 19:13	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		20	199144	04/05/11 16:11	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		10	128772	04/05/11 20:16	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 18:50	JPH	TestAmerica Savannah

Client Sample ID: ITW-14
Date Collected: 03/30/11 12:30
Date Received: 03/31/11 09:06

Lab Sample ID: 680-66904-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	199675	04/10/11 19:42	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		50	199144	04/05/11 16:40	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		10	128772	04/05/11 20:50	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Client Sample ID: ITW-14

Lab Sample ID: 680-66904-4
Matrix: Water
Date Collected: 03/30/11 12:30
Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	198944	04/01/11 18:55	JPH	TestAmerica Savannah

Client Sample ID: ESE-002

Lab Sample ID: 680-66904-5
Matrix: Water
Date Collected: 03/30/11 08:30
Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 19:10	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 17:08	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/05/11 21:24	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 19:11	JPH	TestAmerica Savannah

Client Sample ID: ESE-004

Lab Sample ID: 680-66904-6
Matrix: Water
Date Collected: 03/30/11 09:30
Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 19:39	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 17:36	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/06/11 15:13	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 19:16	JPH	TestAmerica Savannah

Client Sample ID: ESE-007

Lab Sample ID: 680-66904-7
Matrix: Water
Date Collected: 03/30/11 10:45
Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 20:09	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199179	04/06/11 11:16	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/06/11 15:47	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 19:21	JPH	TestAmerica Savannah

Client Sample ID: WMW-17E

Lab Sample ID: 680-66904-8

Date Collected: 03/29/11 17:45

Matrix: Water

Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199498	04/08/11 18:55	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 18:33	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/06/11 16:21	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 19:26	JPH	TestAmerica Savannah

Client Sample ID: WMW-18E

Lab Sample ID: 680-66904-9

Date Collected: 03/29/11 19:00

Matrix: Water

Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199498	04/08/11 19:24	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 19:01	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/06/11 16:55	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 19:31	JPH	TestAmerica Savannah

Client Sample ID: Duplicate

Lab Sample ID: 680-66904-10

Date Collected: 03/29/11 18:00

Matrix: Water

Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199498	04/08/11 19:54	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 19:29	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/06/11 17:28	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah
Total Recoverable	Analysis	6010B		1	198944	04/01/11 19:37	JPH	TestAmerica Savannah

Client Sample ID: Equipment Blank

Lab Sample ID: 680-66904-11

Date Collected: 03/30/11 14:30

Matrix: Water

Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 17:12	AJM	TestAmerica Savannah
Total/NA	Prep	3520C			198921	04/04/11 14:40	RBS	TestAmerica Savannah
Total/NA	Analysis	8270C		1	199144	04/05/11 19:57	CRH	TestAmerica Savannah
Total/NA	Prep	3520C			128588	04/04/11 09:02	SL	TestAmerica Pensacola
Total/NA	Analysis	8310		1	128772	04/06/11 18:02	VC	TestAmerica Pensacola
Total Recoverable	Prep	3005A			198795	04/01/11 10:22	RA	TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-66904-11

Date Collected: 03/30/11 14:30

Matrix: Water

Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	198944	04/01/11 19:42	JPH	TestAmerica Savannah

Client Sample ID: TB-01

Lab Sample ID: 680-66904-12

Date Collected: 03/30/11 00:00

Matrix: Water

Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 16:13	AJM	TestAmerica Savannah

Client Sample ID: TB-02

Lab Sample ID: 680-66904-13

Date Collected: 03/30/11 00:00

Matrix: Water

Date Received: 03/31/11 09:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	199555	04/08/11 16:43	AJM	TestAmerica Savannah

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica

Client Information	Sampler: Mark Taylor	Lab PM: Yant, Abbie G	Carrier Tracking No(s):	COC No: 680-32997-12869.1
Client Contact: Mr. Mark Taylor	Phone: 904 261 3085	E-Mail: abbie.yant@testamericainc.com		Page: Page 1 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 94072 Summer Breeze Drive	Due Date Requested: Standard TAT			
City: Fernandina Beach	TAT Requested (days):			
State, Zip: FL, 32034				
Phone: 904-261-3085(Tel)	PO #: 32730			
Email: mark.taylor@westonsolutions.com	WO #: 5.79101E+13			
Project Name: Weston Solutions, Inc./Cabot Qtrly	Project #: 68000815 05791.011.001.0001			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA
M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B - As, Cr	8270C - Select SVOCs	8310 - PAH's	8260B - TCL VOCs	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X	D	N	N	A	X	
ITW-1	3/29/11	16:00	G	Water			1	2	2	3		
ITW-2	3/29/11	16:30	G	Water			1	2	2	3		
ITW-13	3/30/11	12:00	G	Water			1	2	2	3		
ITW-14	3/30/11	12:30	G	Water			1	2	2	3		
ESE-002	3/30/11	08:30	G	Water			1	2	2	3		
ESE-004	3/30/11	09:30	G	Water			1	2	2	3		
ESE-007	3/30/11	10:45	G	Water			1	2	2	3		
WMW-17E	3/29/11	17:45	G	Water			1	2	2	3		
WMW-18E	3/29/11	19:00	G	Water			1	2	2	3		
Duplicate	3/29/11	18:00	G	Water			1	2	2	3		
Equipment Blank	3/30/11	14:30	G	Water			1	2	2	2		

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ______ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: M. Taylor	Date/Time: 3/30/11 16:30	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by: [signature]	Date/Time: 3/31/11 0906	Company: TAS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 680-66904 4.2/3.6/3.1/4.0/3.1/3.0/4.3

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica

Client Information	Sampler: Mark Taylor	Lab PM: Yant, Abbie G	Carrier Tracking No(s):	COC No: 680-32997-12869.2
Client Contact: Mr. Mark Taylor	Phone: 904 261-3085	E-Mail: abbie.yant@testamericainc.com		Page: Page 2 of 2
Company: Weston Solutions, Inc.				Job #
Address: 94072 Summer Breeze Drive	Due Date Requested:		Analysis Requested	Preservation Codes:
City: Fernandina Beach	TAT Requested (days): Standard			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 32034				
Phone: 904-261-3085(Tel)	PO #: 32730			
Email: mark.taylor@westonsolutions.com	WO #: 5.79101E+13			
Project Name: Weston Solutions, Inc./Cabot Qtrly	Project #: 68000815 0579/.016 backboard			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B - As, Cr	8270C - Select SVOCs	8310 - PAH's	8260B - TCL VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	A		
				Water								
				Water								
				Water								
TB-01				Water						2		
TB-02				Water						2		
				Water								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Mark Taylor	3/30/11 10:30				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by: Joseph Conner	Date/Time 3/31/11 0906	Company TAS

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: ~~4.2c/3.6c~~ IR GUN 3/31/11 680-66904

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah		USDA		SAV 3-04
TestAmerica Savannah	A2LA	DoD ELAP	0	0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025	0	399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q
TestAmerica Pensacola		USDA		P330-10-00407
TestAmerica Pensacola	Alabama	State Program	4	40150
TestAmerica Pensacola	Arizona	State Program	9	AZ0710
TestAmerica Pensacola	Arkansas	State Program	6	88-0689

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Cabot

TestAmerica Job ID: 680-66904-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pensacola	Florida	NELAC	4	E81010
TestAmerica Pensacola	Georgia	Georgia EPD	4	N/A
TestAmerica Pensacola	Illinois	NELAC	5	200041
TestAmerica Pensacola	Iowa	State Program	7	367
TestAmerica Pensacola	Kansas	NELAC	7	E-10253
TestAmerica Pensacola	Kentucky	Kentucky UST	4	53
TestAmerica Pensacola	Louisiana	NELAC	6	30748
TestAmerica Pensacola	Maryland	State Program	3	233
TestAmerica Pensacola	Massachusetts	State Program	1	M-FL094
TestAmerica Pensacola	Michigan	State Program	5	9912
TestAmerica Pensacola	New Hampshire	NELAC	1	2505
TestAmerica Pensacola	New Jersey	NELAC	2	FL006
TestAmerica Pensacola	North Carolina	North Carolina DENR	4	314
TestAmerica Pensacola	Oklahoma	State Program	6	9810
TestAmerica Pensacola	Pennsylvania	NELAC	3	68-00467
TestAmerica Pensacola	Rhode Island	State Program	1	LAO00307
TestAmerica Pensacola	South Carolina	State Program	4	96026
TestAmerica Pensacola	Tennessee	State Program	4	TN02907
TestAmerica Pensacola	Texas	NELAC	6	T104704286-09-1
TestAmerica Pensacola	Virginia	State Program	3	00008
TestAmerica Pensacola	Washington	State Program	10	C915
TestAmerica Pensacola	West Virginia	West Virginia DEP	3	136

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

APPENDIX C

SUMMARY OF PRE-REMEDIAL ACTION GROUNDWATER DATA
EASTERN SITE
GAINESVILLE, FLORIDA

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
ITW-1	Chromium	110	60.4	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	ND	NS	*100
ITW-2	Chromium	100	124	39	NS	ND	NS	ND	NS	8	NS	ND	NS	ND	NS	*100
ITW-3	Chromium	40	NS	11	10	24	NS	NS	NS	NS	NS	NS	NS	NS	NS	*100
ITW-4	Chromium	110	45.1	10	9	27	ND	ND	NS	7	ND	ND	ND	23	ND	*100
	Naphthalene	40	35	30	27	17	27	31	NS	5.8	25	58	81	46	25	18
	Acenaphthylene	ND	<1.0	11	13	ND	ND	17	NS	ND	16	7.7	13	8	5.7	130
	Acenaphthene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	2	3.5	ND	ND	260
	Benzene	140	ND	20	52	20	24	11	NS	21	20	26	25	9.2	8	1
ITW-5	Chromium	<140	47.1	42	NS	26	8	14	26	5	ND	ND	6	6	5	*100
	Arsenic	73	NS	56	NS	65	43	45	48	45	38	34	50	43	46	50
	PCP	30	120	300	NS	980	690	1,500	890	730	1,100	580	550	440	ND	0.1
	Phenol	ND	65	30	NS	750	990	2,600	2,000	1,850	2,600	1,200	900	700	1,200	2,630
	Naphthalene	1,600	1,000	500	NS	860	2,700	1,300	1,200	900	1,500	1,600	1,600	1,500	670	18
	Acenaphthylene	18	12	44	NS	ND	48	ND	34	69	59	73	74	100	20	130
	Acenaphthene	370	540	ND	NS	190	ND	440	ND	ND	220	460	530	610	320	260
	Fluorene	340	210	180	NS	ND	ND	ND	330	300	320	380	470	450	240	323
	Phenanthrene	290	280	160	NS	ND	130	ND	ND	210	280	300	380	320	200	130
	Anthracene	25	17	12	NS	ND	ND	ND	ND	ND	29	22	31	20	15	1,310
	Benzene	<10	ND	4.8	NS	4.3	4.4	4.7	5	0.8	4.1	4.6	ND	5.7	4.6	1

The data presented in this table represents only those compounds that have been detected above detection limit in groundwater samples from the indicated wells.

(1) Please see Table 6 of Remedial Investigation Report, Cabot Carbon/Koppers Site Vol. 1 (IT Corp., 1987) for analytical detection limits of individual compounds.
(2) Please see Appendix B of Remedial Investigation/Risk Assessment at the Cabot Carbon/Koppers Site, Gainesville, Florida Vol. 3 (Hunter/ESE, 1989).
(3) Please see individual groundwater report for analytical detection limits of compounds for different sampling events.

All results are in µg/L.
µg/L = micrograms per liter.
MDL = laboratory method detection limit.
ND = not detected above the MDL.
NS = not sampled for indicated compound.
* The new EPA MCL for chromium is 100 µg/L. As per the ROD, this new MCL replaces the previous cleanup goals of 50 µg/L.
** Cleanup goal for indicated compound has not been established.
+ Analytical results from January 1994 are suspect. Past groundwater data review indicates sample bottles may have been mislabeled.
++ Sampled only for BTEX constituents.

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
ITW-6	Chromium	170	NS	170	110	NS	NS	NS	NS	NS	NS	7	NS	NS	NS	*100
	Naphthalene	1,700	NS	1,100	580	NS	NS	NS	NS	NS	NS	450	NS	NS	NS	18
	Acenaphthylene	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	11	NS	NS	NS	130
	Acenaphthene	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	90	NS	NS	NS	260
	Fluorene	200	NS	73	ND	NS	NS	NS	NS	NS	NS	83	NS	NS	NS	323
	Phenanthrene	32	NS	19	ND	NS	NS	NS	NS	NS	NS	28	NS	NS	NS	130
	Anthracene	<10	NS	2	ND	NS	NS	NS	NS	NS	NS	2	NS	NS	NS	1,310
	Benzene	<10	NS	1.2	1.5	NS	NS	NS	NS	NS	NS	1	NS	NS	NS	1
ITW-7	Chromium	280	NS	110	82	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	*100
	Arsenic	23	NS	57	ND	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	50
	Acenaphthylene	10	NS	ND	11	NS	NS	NS	NS	NS	NS	7.4	NS	NS	NS	130
	Acenaphthene	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	2.7	NS	NS	NS	260
	Fluorene	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	3.3	NS	NS	NS	323
	Phenanthrene	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	0.4	NS	NS	NS	130
	Anthracene	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	0.4	NS	NS	NS	1,310
	Total Potentially Carcinogenic PAHs	ND	NS	0.8	ND	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	0.003
	Benzene	25	NS	14	12	NS	NS	NS	NS	NS	NS	16	NS	NS	NS	1
ITW-8	Chromium	80	NS	7	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	*100
	Arsenic	1	NS	ND	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	50
	Phenol	890	NS	720	NS	NS	NS	NS	NS	NS	NS	350	NS	NS	NS	2,630
	Naphthalene	48	NS	15	NS	NS	NS	NS	NS	NS	NS	8.2	NS	NS	NS	18
	Acenaphthylene	ND	NS	73	NS	NS	NS	NS	NS	NS	NS	100	NS	NS	NS	130
	Acenaphthene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	22	NS	NS	NS	260
	Fluorene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	1.2	NS	NS	NS	323
	Benzene	40	NS	ND	NS	NS	NS	NS	47	NS	NS	31	NS	NS	NS	1
ITW-9	Chromium	170	NS	14	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	*100
	Arsenic	4	NS	ND	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	50
	Naphthalene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	30	NS	NS	NS	18
	Acenaphthylene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	120	NS	NS	NS	130
	Acenaphthene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	54	NS	NS	NS	260
	Fluorene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	3.6	NS	NS	NS	323
	Phenanthrene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	0.5	NS	NS	NS	130
	Phenol	76	NS	180	NS	NS	NS	NS	NS	NS	NS	190	NS	NS	NS	2,630
	Benzene	<10	NS	31	NS	NS	NS	NS	22	NS	NS	ND	NS	NS	NS	1

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
ITW-10 +	Chromium	100	NS	77	53	71	19	12	30	9	ND	ND	8	5	5	*100
	Phenol	ND	NS	5,400	3,060	7,900	13,000	13,000	8,300	ND	1,800	1,200	500	284	310	2,630
	Naphthalene	ND	NS	ND	ND	14	35	84	ND	ND	ND	ND	ND	ND	ND	18
	Acenaphthylene	ND	NS	ND	ND	640	41	470	25	8.5	ND	ND	310	ND	ND	130
	Fluorene	ND	NS	ND	ND	2.6	ND	ND	1.1	ND	ND	0.7	ND	ND	ND	323
	Benzene	150	NS	320	200	250	130	120	120	61	59	65	12	64	60	1
ITW-11 +	Chromium	240	NS	130	12	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100
	Arsenic	9	NS	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
	Acenaphthylene	ND	NS	ND	15	ND	7.8	59	61	400	ND	ND	ND	ND	ND	130
	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	323
	Phenanthrene	ND	NS	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	130
	Pyrene	ND	NS	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
	Total Potentially Carcinogenic PAHs	ND	NS	ND	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003
	Benzene	<10	NS	3.3	2.7	2.5	1.6	2.7	3.7	2.8	2.5	1.1	0.6	3.7	4.1	1
	Phenol	ND	NS	ND	ND	ND	ND	ND	ND	8,500	ND	ND	ND	ND	ND	2,630
ITW-12	Chromium	0.06	NS	NS	NS	NS	NS	12	ND	ND	NS	NS	NS	NS	NS	*100
ITW-13	Chromium	80	34.4	10	13	10	ND	ND	ND	ND	ND	ND	6	ND	ND	*100
	Phenol	ND	6,500	2,700	2,500	4,000	11,000	7,000	9,300	8,900	6,200	7,500	4,820	5,720	7,100	2,630
	Naphthalene	ND	59	38	6.1	32	84	71	83	51	35	63	40	47	34	18
	Acenaphthylene	ND	<20	35	46	210	240	12	ND	300	ND	ND	370	ND	ND	130
	Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	ND	260
	Fluorene	ND	<20	0.3	0.7	0.8	1.2	1.1	1.6	1.8	ND	2.8	3.7	2.1	1.7	323
	Phenanthrene	ND	<20	0.3	ND	0.3	ND	0.4	0.4	0.2	0.26	0.5	0.5	0.6	0.43	130
	Anthracene	ND	?	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	0.18	0.16	1,310
	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	0.003
	Benzene	100	ND	130	140	130	82	49	65	55	75	64	59	62	66	1

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
ITW-14	Chromium	140	NS	ND	7	10	ND	5	ND	6	ND	ND	ND	ND	5	*100
	Phenol	4,100	NS	2,700	2,300	1,600	14,000	9,900	12,000	8,600	5,000	6,700	910	4,460	1,700	2,630
	Naphthalene	18	NS	170	ND	ND	1,100	390	ND	1,100	480	5,400	700	350	240	18
	Acenaphthylene	<10	NS	190	1,600	360	1,200	1,800	9,900	2,700	1,200	13,000	2,000	890	650	130
	Acenaphthene	<10	NS	ND	ND	83	ND	ND	ND	ND	3,100	48,000	3,300	1,400	720	260
	Fluorene	ND	NS	72	80	51	31	50	1,100	370	700	3,500	330	71	59	323
	Phenanthrene	<10	NS	40	12	ND	37	36	ND	230	190	2,000	180	25	23	130
	Anthracene	ND	NS	ND	ND	ND	ND	ND	ND	ND	53	270	16	3.1	3.8	1,310
	Total Potentially Carcinogenic PAHs	ND	NS	49	1,000	19.6	ND	ND	6,040	1,590	ND	ND	410	32	71	0.003
	Benzene	130	NS	45	180	170	68	150	180	120	130	140	160	160	120	1
	Pyrene	ND	NS	ND	ND	ND	ND	ND	5,000	ND	ND	ND	69	ND	6.4	130
ITW-15	Chromium	70	NS	6	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	*100
	Arsenic	9	NS	ND	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	50
	Phenol	2,200	NS	260	NS	NS	NS	NS	NS	NS	NS	140	NS	NS	NS	2,630
	Naphthalene	ND	NS	ND	NS	NS	NS	NS	NS	NS	NS	4.2	NS	NS	NS	18
	Acenaphthylene	ND	NS	120	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	130
	Fluorene	ND	NS	0.6	NS	NS	NS	NS	NS	NS	NS	1.4	NS	NS	NS	323
	Benzene	19	NS	7	NS	NS	NS	NS	NS	NS	NS	3	NS	NS	NS	1
ITW-16	Chromium	200	NS	61	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	*100
	Arsenic	10	NS	ND	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	50
	Naphthalene	16	NS	3.5	NS	NS	NS	NS	NS	NS	NS	7.9	NS	NS	NS	18
	Acenaphthylene	ND	NS	130	NS	NS	NS	NS	NS	NS	NS	140	NS	NS	NS	130
	Acenaphthene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	3.6	NS	NS	NS	260
	Fluorene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	0.5	NS	NS	NS	323
	Benzene	<10	NS	ND	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	1
ITW-17	Chromium	190	14.3	29	34	12	5	5	NS	NS	NS	NS	NS	NS	NS	*100
	Phenol	<10	6,200	660	1,080	1,400	ND	3,800	NS	NS	NS	NS	NS	NS	NS	2,630
	Naphthalene	ND	140	21	9.4	23	21	170	NS	NS	NS	NS	NS	NS	NS	18
	Acenaphthylene	ND	<20	ND	140	ND	25	310	NS	NS	NS	NS	NS	NS	NS	130
	Acenaphthene	ND	<20	ND	ND	3.7	ND	ND	NS	NS	NS	NS	NS	NS	NS	260
	Fluorene	ND	<20	ND	0.5	0.9	ND	7.3	NS	NS	NS	NS	NS	NS	NS	323
	Phenanthrene	<10	<20	1.3	ND	0.8	0.2	0.9	NS	NS	NS	NS	NS	NS	NS	130
	Benzene	12	ND	26	17	36	10	39	NS	NS	NS	NS	NS	NS	NS	1

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
WMW-17E	Chromium	NS	NS	NS	NS	NS	NS	25	5	ND	ND	ND	ND	6	10	*100
	Benzene	NS	NS	NS	NS	NS	NS	2.5	20	3.3	1.4	2.5	2.3	49	14	1
	Naphthalene	NS	NS	NS	NS	NS	NS	4.5	15	3.5	ND	2.1	ND	20	6	18
	Acenaphthylene	NS	NS	NS	NS	NS	NS	10	ND	7.1	ND	4.2	ND	ND	ND	130
	Acenaphthene	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	13	6.2	ND	260
	Anthracene	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	0.9	0.39	0.2	ND	1,310
	Pyrene	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	2.4	ND	ND	ND	130
	Fluorene	NS	NS	NS	NS	NS	NS	0.7	ND	ND	ND	0.3	1.2	1.3	ND	323
	PCP	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	94	ND	ND	0.1
	Phenol	NS	NS	NS	NS	NS	NS	ND	3,000	ND	ND	ND	ND	340	ND	2,630
	Phenanthrene	NS	NS	NS	NS	NS	NS	ND	0.5	ND	ND	ND	1.3	0.32	ND	130
	Total Potentially Carcinogenic PAHs	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	2	ND	ND	0.003
ITW-18	Chromium	110	126	44	47	33	14	16	NS	NS	NS	NS	NS	NS	NS	*100
WMW-18E	Chromium	NS	NS	NS	NS	NS	NS	130	10	8	29	17	230	140	50	*100
	Arsenic	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	19	ND	ND	50
	PCP	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	34	ND	ND	0.1
	Acenaphthylene	NS	NS	NS	NS	NS	NS	5.6	6.8	ND	3.2	7.6	10	ND	ND	130
	Pyrene	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	0.21	ND	130
	Fluorene	NS	NS	NS	NS	NS	NS	ND	ND	ND	0.5	ND	ND	ND	ND	323
	Total Potentially Carcinogenic PAHs	NS	NS	NS	NS	NS	NS	0.4	ND	ND	ND	0.5	0.88	ND	ND	0.003
ITW-19	Chromium	420	NS	47	10	7.4	7	9	ND	9	ND	ND	ND	ND	ND	*100
	Naphthalene	150	NS	96	89	62	88	110	59	68	79	180	170	180	130	18
	Acenaphthylene	ND	NS	ND	ND	ND	9.7	8.5	ND	ND	ND	13	7.2	8.4	ND	130
	Acenaphthene	ND	NS	ND	ND	7.5	ND	ND	ND	7.4	7.7	28	21	28	17	260
	Fluorene	<10	NS	ND	6.2	6	9.2	ND	ND	7.9	7.3	17	14	15	10	323
	Phenanthrene	ND	NS	ND	0.6	0.2	0.6	0.7	0.2	0.3	0.3	0.8	0.54	0.68	0.66	130
	Anthracene	ND	NS	ND	ND	ND	ND	ND	ND	ND	0.2	0.4	0.26	0.25	0.26	1,310
	Benzene	<10	NS	0.9	1.1	1	0.6	0.8	1.2	0.9	1	ND	0.9	0.9	0.9	1
ITW-20	Chromium	470	148	25	13	6.5	ND	ND	ND	8	21	ND	ND	ND	ND	*100
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	1

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
ITW-21	Chromium	60	29.9	8	NS	6.2	ND	ND	NS	ND	ND	ND	ND	ND	ND	*100
	Arsenic	2	NS	42	NS	46	18	20	NS	22	13	15	12	14	10	50
	PCP	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	124	ND	ND	0.1
	Naphthalene	3,400	2,700	4,600	NS	4,300	70	3,100	NS	6,000	3,000	6,600	7,200	6,200	4,500	18
	Acenaphthylene	11	<4.0	260	NS	ND	12	ND	NS	230	94	180	290	220	150	130
	Acenaphthene	210	380	ND	NS	200	ND	ND	NS	ND	100	460	430	380	300	260
	Fluorene	130	160	5.6	NS	120	ND	15	NS	180	100	210	270	220	180	323
	Phenanthrene	ND	69	82	NS	45	ND	5	NS	63	47	79	87	68	55	130
	Anthracene	ND	ND	ND	NS	ND	ND	ND	NS	ND	1.6	2	1.1	1.3	1.2	1,310
	Benzene	ND	ND	8.2	NS	6	5.4	28	NS	3.1	4	3.7	3.5	3.7	2.9	1
ITW-22	Chromium	100	NS	11	NS	11	ND	ND	NS	ND	ND	ND	ND	ND	ND	*100
	Arsenic	8	NS	13	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	50
	PCP	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	52	ND	ND	0.1
	Naphthalene	<10	NS	ND	NS	1.5	ND	ND	NS	ND	ND	11	ND	3.1	ND	18
	Acenaphthene	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	3.9	ND	ND	ND	260
	Phenanthrene	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	0.2	ND	ND	ND	130
	Total Potentially Carcinogenic PAHs	<10	NS	0.2	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	0.003
ESE-001	Chromium	NS	62.4	51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*100
	Acenaphthene	NS	1.3	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	260
	Naphthalene	NS	5.2	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	18
ESE-002	Chromium	NS	55.6	170	120	39	ND	ND	ND	28	5	ND	19	ND	7	*100
	Naphthalene	NS	27	ND	ND	2	59	7.3	4.8	42	110	12	ND	9.5	6.7	18
	Acenaphthylene	NS	<1.0	ND	ND	ND	5.5	ND	ND	ND	2.9	4	11	ND	10	130
	Acenaphthene	NS	9.3	ND	ND	ND	ND	ND	ND	8.8	4.6	ND	ND	ND	ND	260
	Fluorene	NS	4.4	ND	ND	1	ND	ND	ND	13	9.4	5.1	1.2	2.5	ND	323
	Phenanthrene	NS	<1.0	18	0.4	1.5	3.7	1.2	1.4	12	9.4	9.4	1.2	1.1	0.55	130
	Anthracene	NS	<1.0	1.2	ND	ND	ND	ND	ND	0.8	0.5	0.9	0.29	0.28	0.16	1,310
	Benzene	NS	ND	13	5.2	7.7	4.3	9.2	11	4.2	2.5	2.5	0.8	5	5.1	1
	Pyrene	NS	<1.0	ND	ND	ND	ND	ND	ND	0.6	1.1	2.4	1.8	1.7	1.1	130
	Total Potentially Carcinogenic PAHs	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	0.33	ND	ND	0.003
ESE-003	Chromium	NS	31.3	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*100
	Benzene	NS	NS	0.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
ESE-004	Chromium	NS	70.2	120	29	29	ND	9	8	7	6	ND	8	5	13	*100
	Phenol	NS	260	ND	23	ND	50	40	ND	ND	315	ND	16	ND	610	2,630
	Naphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.5	18
	Acenaphthylene	NS	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	130
	Phenanthrene	NS	ND	ND	ND	ND	ND	ND	0.5	ND	ND	0.2	ND	ND	ND	130
	Anthracene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21	ND	ND	1,310
	Benzene	NS	ND	ND	ND	ND	ND	ND	3.2	ND	1.8	ND	ND	ND	3.6	1
	Fluorene	NS	<1.0	ND	ND	ND	ND	ND	ND	0.3	ND	0.7	ND	ND	ND	323
ESE-005	Chromium	NS	59.2	110	53	20	11	ND	ND	ND	ND	ND	ND	ND	ND	*100
	PCP	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	90	ND	ND	0.1
	Phenol	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	90	ND	ND	56	2,630
	Naphthalene	NS	1,300	660	97	730	170	400	1,000	1,100	420	610	1,100	1,200	3,600	18
	Acenaphthylene	NS	<5.0	81	89	ND	ND	ND	320	ND	49	35	270	84	300	130
	Acenaphthene	NS	68	17	ND	ND	ND	360	ND	ND	ND	44	49	120	190	260
	Fluorene	NS	30	21	4.7	22	10	ND	3.9	45	13	16	42	41	61	323
	Phenanthrene	NS	4.3	4.1	1.1	3.7	1.8	3.4	2.5	8.9	3.5	2.9	5	8.1	20	130
	Anthracene	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.3	0.3	0.62	0.53	0.96	1,310
	Pyrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	4.2	130
	Total Potentially Carcinogenic PAHs	NS	<61	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003
	Benzene	NS	<100	50	49	59	45	75	130	56	48	86	85	90	150	1
ESE-006	Chromium	NS	230	64	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*100
	Phenol	NS	81	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2,630
	Naphthalene	NS	340	560	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	18
	Acenaphthylene	NS	<20	880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	130
	Fluorene	NS	ND	24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	323
	Phenanthrene	NS	ND	7.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	130
	Benzene	NS	320	65	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	1
ESE-007	Chromium	NS	45.7	96	47	26	11	9	24	22	5	ND	15	9	10	*100
	Phenol	NS	11,000	240	490	1,550	890	5,000	4,300	6,400	2,100	4,000	3,200	830	540	2,630
	Naphthalene	NS	<40	2.4	12	21	14	25	13	14	15	19	17	35	21	18
	Acenaphthylene	NS	<40	130	210	320	110	ND	9.1	450	ND	ND	440	ND	ND	130
	Acenaphthene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	260
	Phenanthrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.69	ND	0.31	130
	Anthracene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND	0.22	1,310
	Fluorene	NS	<40	ND	ND	0.8	ND	ND	1	1.6	ND	2.1	ND	2.8	ND	323
	Total Potentially Carcinogenic PAHs	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29	ND	ND	0.003
	Benzene	NS	ND	74	30	48	9.8	37	25	33	30	38	35	34	10	1

APPENDIX C

Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

Well Designation	Parameters	IT Corp 1987 Results (µg/L) (1)	Hunter/ ESE 1989 Results (µg/L) (2)	WESTON June 1992 Results (µg/L) (3)	WESTON October 1992 Results (µg/L) (3)	WESTON January 1993 Results (µg/L) (3)	WESTON April 1993 Results (µg/L) (3)	WESTON July 1993 Results (µg/L) (3)	WESTON October 1993 Results (µg/L) (3)	WESTON January 1994 Results (µg/L) (3)	WESTON April 1994 Results (µg/L) (3)	WESTON July 1994 Results (µg/L) (3)	WESTON October 1994 Results (µg/L) (3)	WESTON January 1995 Results (µg/L) (3)	WESTON April 1995 Results (µg/L) (3)	ROD Cleanup Goal (µg/L)
ITF-1 ++	Benzene	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1
	Toluene	ND	ND	1.6	1.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**
	Ethylbenzene	ND	ND	1.4	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**
	Xylenes	NS	NS	3.1	4.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**
ITF-2 ++	Benzene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1
	Toluene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**
	Ethylbenzene	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**
	Xylenes	NS	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**
ITF-3 ++	Benzene	ND	ND	2.8	3.5	3.6	2.4	2.6	3.5	2.7	NS	NS	NS	NS	NS	1
	Toluene	ND	ND	1	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	**
	Xylenes	NS	NS	1.1	1.6	1.4	1.3	3	2	2.1	NS	NS	NS	NS	NS	**

The data presented in this table represents only those compounds that have been detected above detection limit in groundwater samples from the indicated wells.

(1) Please see Table 6 of Remedial Investigation Report, Cabot Carbon/Koppers Site Vol. 1 (IT Corp., 1987) for analytical detection limits of individual compounds.
(2) Please see Appendix B of Remedial Investigation/Risk Assessment at the Cabot Carbon/Koppers Site, Gainesville, Florida Vol. 3 (Hunter/ESE, 1989).
(3) Please see individual groundwater report for analytical detection limits of compounds for different sampling events.

All results are in µg/L.
µg/L = micrograms per liter.
MDL = laboratory method detection limit.
ND = not detected above the MDL.
NS = not sampled for indicated compound.
* The new EPA MCL for chromium is 100 µg/L. As per the ROD, this new MCL replaces the previous cleanup goals of 50 µg/L.
** Cleanup goal for indicated compound has not been established.
+ Analytical results from January 1994 are suspect. Past groundwater data review indicates sample bottles may have been mislabeled.
++ Sampled only for BTEX constituents.

APPENDIX D

SUMMARY OF POST-REMEDIAL ACTION GROUNDWATER DATA
EASTERN SITE
GAINESVILLE, FLORIDA

Appendix D

Summary of Recent Post-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

WELL DESIGNATION	PARAMETERS	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09	Mar-10	Jun-10	Spet-10	Dec-10	Mar-11	ROD cleanup goal
ITW-1	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100
ITW-1	Acenaphthene	0.67	ND	0.72	0.6	0.19	0.50	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
ITW-1	Anthracene	ND	ND	ND	ND	ND	0.079	0.044	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310
ITW-1	Fluorene	0.9	0.54	0.81	0.49	0.32	0.31	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323
ITW-1	Naphthalene	ND	ND	ND	ND	ND	ND	1.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18
ITW-1	Phenanthrene	ND	ND	ND	ND	ND	0.045	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ITW-1	1- Methylnaphthalene	ND	ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ITW-1	2- Methylnaphthalene	ND	ND	ND	ND	ND	0.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ITW-2	Benzene	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	+	ND	ND	ND	Dry	ND	1
ITW-2	Total Xylenes	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	+	ND	ND	ND	Dry	ND	*
ITW-2	Acenaphthene	ND	0.66	1.3	0.8	0.12	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	260
ITW-2	Anthracene	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	1,310
ITW-2	Fluoranthene	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	*
ITW-2	Fluorene	0.98	1	1.6	1.3	0.61	52	0.19	ND	0.56	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	323
ITW-2	Naphthalene	ND	ND	ND	ND	ND	28	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	18
ITW-2	Phenanthrene	ND	ND	ND	ND	ND	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	130
ITW-2	Pyrene	ND	ND	ND	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	130
ITW-2	2- Methylnaphthalene	ND	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dry	ND	*
ITW-2	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	ND	Dry	ND	*100
ITW-13	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	260	280	700	430	*
ITW-13	Benzene	**82**	**85**	**55**	**120**	**61**	**72**	ND	**63**	ND	ND	ND	**58**	**64**	**88**	**81**	**87**	**81**	**88**	**81**	**74**	**100**	**73**	**86**	**93**	**91**	**88**	**86**	**98**	**67**	**78**	**93**	**83**	**80**	**1**
ITW-13	2 Butanone (MEK)											NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	160	140	340	210	*
ITW-13	Toluene	460	430	250	350	250	300	350	230	190	170	170	270	280	280	310	290	310	440	390	280	420	320	330	290	370	330	310	260	170	260	330	400	350	*
ITW-13	Ethylbenzene	320	300	220	370	240	240	260	250	190	230	240	260	260	280	280	300	270	270	260	270	350	320	290	220	280	310	300	170	140	260	350	280	260	*
ITW-13	2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	46	46	61	ND	*
ITW-13	4-Methyl-2-Pentanone (MIBK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	23	ND	ND	
ITW-13	Total Xylenes	208	174	116	255	154	135	144	150	120	150	140	160	160	190	190	190	180	180	170	160	210	200	180	120	170	180	180	98	85	170	190	160	160	*
ITW-13	Acenaphthene	ND	0.52	ND	ND	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
ITW-13	Acenaphthylene	56	24	ND	ND	13	1.2	12	ND	ND	ND	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ITW-13	Anthracene	ND	ND	ND	ND	0.0084	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310
ITW-13	Benzo (a) anthracene	ND	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH
ITW-13	Benzo (b) fluoranthene	ND	ND	ND	ND	0.031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH
ITW-13	Fluorene	0.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323
ITW-13	Naphthalene	**84**	**55**	**80**	**35**	**28**	**36**	**34**	ND	**24**	**23**	**21**	**31**	**54**	**48**	**45**	**26**	ND	**45**	**71**	**41**	**53**	**38**	**50**	**37**	**19**	**24**	**29**	14	13	**39**	**40**	**40**	**36**	**18**
ITW-13	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ITW-13	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	**0.043**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	**0.003**
ITW-13	1- Methylnaphthalene	2.5	4.3	ND	3	1.2	ND	ND	ND	ND	ND	ND	ND	2.7	4.6	3.3	ND	ND	5.8	ND	2.3	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ITW-13	2- Methylnaphthalene	5.8	5.5	ND	3.4	2.4	1.5	0.99	ND	ND	ND	1.6	ND	4.1	3.9	3.7	ND	ND	3.4	ND	2.4	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ITW-13	Phenol	**9000**	**4100**	2000	**5800**	**7700**	**4200**	**10000**	**5300**	**2400**	ND	940	**5200**	**6200**	**13000**	**8800**	**4600**	**1500**	**3100**	**6100**	**6300**	**5900**	**8300**	**8100**	**7800**	**4700**	**7500**	**5100**	**8300**	**4300**	**5100**	**3000**	**8700**	**4400**	**2630**
ITW-13	2,4- Dimethylphenol	3000	3300	2600	2000	2800	2200	2700	2900	1800	990	2600	2200	1800	3100	2600	1900	830	1800	2200	2000	2300	2400	3300	2000	2000	2900	2200	2400	2400	2200	2200	2100	2000	*
ITW-13	2- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	1800	440	1700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*
ITW-13	3&4- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	6000	950	2700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	*
ITW-13	Arsenic	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	12	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
ITW-13	Chromium	22	ND	ND	ND	12	ND	ND	ND	14	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100
ITW-14	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	230	160	ND	*
ITW-14	Benzene	ND	ND	**30**	**45**	**31**	**43**	ND	**33**	**26**	ND	ND	ND	**25**	**31**	**57**	**47**	**26**	ND	ND	**39**	**46**	**28**	**32**	**42**	**54**	**41**	**35**	**55**	**51**	**46**	**48**	**47**	**33**	**1**
ITW-14	Toluene	490	360	590	880	540	730	300	630	440	470	380	350	440	420	790	650	230	670	500	580	700	430	380	610	830	580	470	770	650	640	870	800	550	*
ITW-14	Ethylbenzene	130	120	120	210	140	140	ND	150	110	130	110	94	120	120	210	150	97	200	120	160	160	120	110	150	190	180	130	200	190	200	230	190	160	*
ITW-14	Styrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	22	ND	22	23	*
ITW-14	Total Xylenes	468	345	395	624	389	444	ND	470	320	440	330	270	320	350	620	470	280	640	380	470	480	380	320	420	560	470	370	560	570	520	660	550	450	*
ITW-14	Acenaphthene	170	66	34	36	240	77	4.8	60	ND	ND	ND	ND	ND	ND	23	250	ND	ND	ND	ND	17	ND	ND	ND	160	ND	ND	6	30	ND	**820**	ND	55	260
ITW-14	Acenaphthylene	**1000**	**440**	ND	76	**1000**	**370**	83	ND	ND	ND	**420**	ND	ND	ND	**480**	**610**	**320**	**240**	****4900**	ND	**380**	**260**	**560**	**490**	**990**	**140**	**1700**	64	**300**	**890**	**2600**	**730**	**210**	**130**
ITW-14	Anthracene	44	12	ND	9.1	76	0.30	2.7	ND	ND	ND	26.0	3.2	3.0	3.0	5.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1310
ITW-14	Benzo (a) anthracene	180	51	ND	3.8	ND	ND	ND	ND	ND	ND	ND	2.8	3.4	1.0	2.2	ND	ND	3.4	**100	0.2	ND	ND	ND	ND	39.0	ND	200.0	ND	7.1	64.0	84.0	35.0	ND	PAH
ITW-14	Benzo (a) pyrene	7.3	1.1	ND	ND	17	ND	ND	ND	ND	ND	ND	4.6	5.7	1.8	3.7	ND	ND	0.57	**45	ND	5	ND	12	ND	49	ND	61	ND	24	6.7	120.0	45.0	ND	PAH
ITW-14	Benzo (b) fluoranthene	60	4.8	ND	ND	120	75	ND	ND	ND	ND	ND	ND	ND	1.3	23	120	ND	27	**1300	1.2	15	13	31	ND	150	8.3	400	ND	35	73	490	110	ND	PAH
ITW-14	Benzo (g,h,i) perylene	ND	ND	ND	ND	8.1	3.8	ND	ND	ND	ND	11.0	10.0	2.3	12.0	ND	ND	ND	3.6	**300	ND	ND	ND	ND	ND	ND	ND	220.0	ND	ND	11.0	ND	ND	ND	*
ITW-14	Benzo (k) flouranthene	ND	ND	ND	ND	24	16	ND	ND	ND	ND	ND	9.5	11	2.6	9.5	ND	ND	8.4	**320	ND	ND	ND	ND	ND	ND	ND	86	ND	10	ND	ND	ND	ND	PAH
ITW-14	Chrysene	260	56	ND	4	ND	28	ND	ND	900	ND	170	5.7	ND	4.7	14.0	ND	ND	41	**1500	4	ND	16	79	ND	350	22	1500	ND	100	250	800	620	ND	PAH
ITW-14	Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	3.8	3.6	6.2	ND	ND	ND	**120	ND	ND	ND	ND	ND	ND	ND	130	ND	8.3	4.4	78	40	ND	PAH
ITW-14	Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	34	24	ND	ND	ND	ND	ND	0.7	0.73	ND	3	ND	ND	4	**250	ND	ND	ND	ND	ND	13	ND	58	ND	4	3.4	33.0	ND	ND	PAH
ITW-14	Fluoranthene	120	52	ND	17	ND	260	ND	ND	ND	ND	ND	140	180	60	ND	500	ND	190	**10000	19	150	79	300	29	1300	76	4000	8.4	310	420	3000	1100	31	*
ITW-14	Fluorene	230	99	ND	20	350	260	20	ND	ND	ND	ND	ND	ND	52.0	67.0	140	ND	61	**2400	ND	71	36	79	34	220	19	830	8.3	86	120	**710**	300	19	323
ITW-14	Naphthalene	**520**	**310**	**460**	**200**	**930**	**1000**	**170**	**530**	ND	ND	**400**	ND	ND	**210**	**230**	**250**	**260**	**250**	****3000**	**120**	**200**	**260**	**250**	**210**	**490**	**110**	**1100**	**43**	**260**	**340**	**980**	**420**	**180**	**18**
ITW-14	Phenanthrene	190	43	42	69	480	240	20	120	210	ND	140	ND	ND	11	20	ND	ND	30	**1400	ND	29	15	ND	ND	**210**	13	620	ND	49	68	**450**	**210**	ND	130
ITW-14	Pyrene	7.3	11	ND	13	ND	24	ND	ND	ND	ND	ND	23	23	8.8	12	260	ND	ND	ND	ND	22	ND	ND	ND	**230**	ND	ND	ND	ND	**280**	**410**	ND	ND	130
ITW-14	1- Methylnaphthalene	300	130	300	140	410	230	41	350	ND	ND	170	ND	ND	110	150	310	83	160	**4300	36	170	150	180	160	990	98	2800	25	230	360	1900	640	65	*
ITW-14	2- Methylnaphthalene	180	150	220	200	1200	690	60	470	ND	ND(J)	250	ND	ND	91	100	200	97	120	**4200	60	80	130	190	160	600	70	1500	32	230	290	1100	360	50	*
ITW-14	Total Potentially Carcinogenic PAHs	**507.3**	**112.9**	ND	**7.8**	**195**	**143**	0	0	**900**	0	**170**	**26.6**	**24.6**	**15**	**61.3**	**120**	0	**84.07**	**0.00**	**5.1**	**20**	**29**	**122**	**0**	**601**	**30**	**2435**	**0**	**189**	**401.5**	**1605**	**850**	ND	**0.003**
ITW-14	Phenol	ND	140	ND	280	ND	1100	ND	750	ND	290	ND	ND	ND	220	640	520	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,630
ITW-14	2,4- Dimethylphenol	1800	1900	4700	2000	8400	ND	2600	4600	1800	4400	1900	2700	3000	4300	4800	4900	11000	3900	1700	2600	3900	6100	4000	4500	6000	8100	4100	5200	4600	6100	3500	4100	1900	*
ITW-14	2- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	1800	2200	640	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*
ITW-14	3&4- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	3500	2700	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*
ITW-14	Arsenic	21	16	14	15	12	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
ITW-14	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100
WMW-17E	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
WMW-17E	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-17E	Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	2.9	*
WMW-17E	Acenaphthene	ND	ND	0.37	0.26	ND	0.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
WMW-17E	Acenaphthylene	ND	ND	ND	ND	0.14	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	2.5	ND	ND	5.7	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	130

Appendix D

Summary of Recent Post-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

WELL DESIGNATION	PARAMETERS	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09	Mar-10	Jun-10	Spet-10	Dec-10	Mar-11	ROD cleanup goal
WMW-17E	Anthracene	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310
WMW-17E	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323
WMW-17E	Naphthalene	ND	ND	ND	ND	ND	0.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	2.5	1.6	1.7	ND	ND	ND	ND	ND	ND	1.2	ND	1.4	18
WMW-17E	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
WMW-17E	Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
WMW-17E	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003
WMW-17E	1- Methylnaphthalene	ND	ND	ND	ND	ND	0.089	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	2	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-17E	2- Methylnaphthalene	ND	ND	ND	ND	ND	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-17E	2,4- Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	*
WMW-17E	PCP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
WMW-17E	Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,630
WMW-17E	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	11	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	*100
WMW-18E	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
WMW-18E	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-18E	Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-18E	Acenaphthene	ND	ND	ND	ND	ND	0.056	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
WMW-18E	Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
WMW-18E	Benzo(b)flouranthene	ND	ND	ND	ND	ND	0.0047	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH
WMW-18E	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323
WMW-18E	Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18
WMW-18E	Phenanthrene	ND	ND	ND	ND	ND	0.029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
WMW-18E	Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
WMW-18E	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	ND	0.0047	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003
WMW-18E	1- Methylnaphthalene	ND	ND	ND	ND	ND	0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-18E	2- Methylnaphthalene	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-18E	PCP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
WMW-18E	2,4- Dimethylphenol	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
WMW-18E	Chromium	66	ND	12	12	12	21	ND	10	17	13	10	17	73	70	170	220	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	*100
WMW-18E	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
ESE-002	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	61	
ESE-002	Benzene	ND	ND	ND	2	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
ESE-002	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ESE-002	Total Xylenes	2	1	ND	3.3	2	ND	ND	3.1	5.2	ND	ND	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ESE-002	Acenaphthene	4.8	18	10	16	64	0.50	35	18	41	ND	24	5	2.7	ND	3	16	ND	2	28	ND	ND	20	9.6	37.0	18.0	2.6	11.0	17.0	43.0	8.9	12.0	6.7	27.0	260
ESE-002	Acenaphthylene	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	1.6	ND	ND	1.0	ND	ND	5.8	ND	1.7	130
ESE-002	Anthracene	0.55	1.8	0.91	1.0	1.3	0.015	1.1	2.0	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	5.7	2.8	ND	2.3	ND	ND	ND	ND	2.1	1.3	3.3	ND	5.2	2.2	2.7	1,310
ESE-002	Benzo(a)anthracene	ND	ND	ND	ND	0.034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH
ESE-002	Chrysene	ND	ND	ND	ND	0.057	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH
ESE-002	Fluoranthene	3.8	9.4	6.2	5.7	9.8	ND	7.3	8.2	ND	ND	8.5	5.6	4.7	5.3	6.6	ND	4.7	2.6	ND	18	9	9.1	6.1	10	12	ND	14	6.1	9.7	10	ND	8.3	ND	*
ESE-002	Fluorene	4.9	12.0	8.4	14	54	1.1	30.0	12.0	35.0	ND	22	4.5	3.6	7.8	2.1	3.8	2.3	1.5	34	ND	ND	11	ND	21	9	ND	4	ND	28	2.1	7	2.5	22	323
ESE-002	Naphthalene	1.8	5.6	3	10	65	ND	ND	6.2	ND	ND	ND	3	ND	ND	ND	ND	ND	0.93	ND	ND	ND	2.6	ND	**24**	**18**	ND	1.9	4.5	40	ND	3.2	3.2	18	18
ESE-002	Phenanthrene	4.7	34.0	7.5	18.0	38.0	0.035	37	24	36	11	15	4	3.5	4.8	ND	ND	ND	ND	10	ND	ND	21	ND	13	4	ND	8.5	13	29	3.8	6.4	15	ND	130
ESE-002	Pyrene	1.8	3.3	4.1	3.1	3.1	ND	ND	4.4	ND	ND	ND	3.6	2.5	2.5	2.7	2.6	1.6	1.5	4.8	11	3.9	4.2	4.1	4.2	5.5	1.2	5.1	3.1	4.9	7.0	3.6	4.4	ND	130
ESE-002	1- Methylnaphthalene	1.1	3.4	2.3	3.9	30	0.22	ND	4.1	ND	ND	ND	1.6	ND	3.4	ND	7.5	ND	ND	ND	ND	ND	2.4	ND	11	4.7	ND	2.9	2.8	10	ND	1.8	2.1	4.9P	*
ESE-002	2-Methylnaphthalene	5.1	14.0	3.7	8.2	110.0	1.3	6.0	4.0	ND	ND	48	15	ND	14	4.7	14	ND	ND	ND	ND	ND	11	3.1	14	5.5	1.2	2.9	7.2	47	2.3	2.9	1.7	30	*
ESE-002	Phenanthrene													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	18	
ESE-002	Pyrene													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	ND	
ESE-002	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	0.091	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.23**	**0.19**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.003**
ESE-002	Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,630
ESE-002	2,4- Dimethylphenol	12	ND	ND	12	ND	ND	ND	ND	13	ND	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ESE-002	Chromium	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	10	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100
ESE-004	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	*
ESE-004	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
ESE-004	Ethylbenzene	ND	2.2	1.3	2.2	1.7	1.6	ND	2.0	1.3	1.8	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ESE-004	Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ESE-004	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310
ESE-004	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323
ESE-004	Naphthalene	ND	ND	ND	0.38	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18
ESE-004	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ESE-004	2,4- Dimethylphenol	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ESE-004	Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,630
ESE-004	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100
ESE-007	Acetone										NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	61	30	
ESE-007	Benzene	**2.7**	**2.6**	**1.8**	**1.8**	**1.2**	**8**	ND	ND	**2.3**	**3.1**	**1.8**	ND	**1.1**	**4.7**	**3**	**11**	**9.5**	**20**	**14**	**12**	**9.3**	**11**	**6.8**	**5.2**	**1.8**	**2.8**	**3.1**	**5.6**	**2.6**	**2.7**	ND	**6.4**	**2.9**	**1**
ESE-007	2-Butanone (MEK)												NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	27.0	ND	
ESE-007	Toluene	9.5	26	6.8	3.8	3.3	78	62	25	22	33	7.8	43	11	26	2.2	190	210	290	190	160	120	170	7.1	5.2	1.1	3.7	4.5	15	5.7	6.0	ND	22.0	7.9	*
ESE-007	Ethylbenzene	42	8.2	6.3	4.9	4	24	ND	10	7.7	11	6	11	3.9	13	1.5	29	31	56	37	34	31	40	14	14	2.6	6.9	5.9	11	5.9	6.0	ND	19.0	6.5	*
ESE-007	Total Xylenes	10.4	9.4	5.3	4.9	4	20.7	ND	ND	7.6	10	5.6	10	3.9	14	4.5	31	30	61	44	39	34	44	17	13	3.4	9.1	8.6	13	6.5	7.7	ND	19	7.2	*
ESE-007	Acenaphthene	ND	ND	ND	ND	ND	ND	0.14	ND	ND	ND(J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
ESE-007	Acenaphthylene	ND	1.5	ND	ND	ND	1.2	1.8	ND	ND	1.3(J)	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ESE-007	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310
ESE-007	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323
ESE-007	Naphthalene	2.6	2.2	3.8	2.3	1.5	4.2	3.5	5.2	1.9	2.3	2.3	ND	ND	1.6	1.6	ND	4.5	10	12	6.6	3.7	7.5	2.1	1.1	1.4	1.1	2.1	6.2	2	ND	ND	ND	ND	18
ESE-007	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ESE-007	1-Methylnaphthalene	ND	ND	ND	0.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.93	2.5	ND	ND	ND	1.9	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	*
ESE-007	2-Methylnaphthalene	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	1.4	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	*
ESE-007	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003
ESE-007	Phenol	680	390	52	28	33	650	1000	290	40	330	130	490	230	270	58	1400	**3400**	1500	2000	1400	390	**2700**	ND	16	ND	33	41	ND	77	98	61	160	83	**2,630**
ESE-007	2,4- Dimethylphenol	ND	80	62	40	41	280	210	ND	35	99	64	95	56	140	36	330	600	520	680	410	230	500	220	88	48	59	64	ND	56	71	64	170	46	*
ESE-007	2- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	15	61	36	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	*

Appendix D

Summary of Recent Post-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

WELL DESIGNATION	PARAMETERS	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09	Mar-10	Jun-10	Spet-10	Dec-10	Mar-11	ROD cleanup goal
ESE-007	3&4- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	79	320	170	360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	*
ESE-007	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	20	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
ESE-007	Chromium	22	190	1900	1900	87	490	510	240	63	37	24	11	11	110	150	230	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	ND	ND	ND	ND	ND	ND	ND	*100

+ = ITW-2 VOC sample bottle broken
All results are in ug/l (micrograms per liter).
ND = Not detected above the MDL.
NS = Not sampled for indicated compound.
NA = Not analyzed
* = No ROD Cleanup Goal for compound. Tested as part of complete scan for tests 8021, 8270 or 8310.
Y = Target compounds were quantified from a secondary dilution due to analyte abundance in the sample.
P = Identification of target analytes using LC methodology is based on retention time. Discretion should be employed during data review and interpretation of results for this target compound.
** = Free-phase product was observed in the groundwater sample collected at ITW-14 during the September 2007 sampling event.
PAH = Included as Total Potentially Carcinogenic PAHs.
Bolded values meet or exceed indicated ROD cleanup goals.