DRAFT

RESULTS OF QUARTERLY GROUNDWATER SAMPLING CONDUCTED DECEMBER 28-30 2010, FOR FOURTH QUARTER, 2010

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

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WESTON WORK ORDER NO. 05791.010.001.0001

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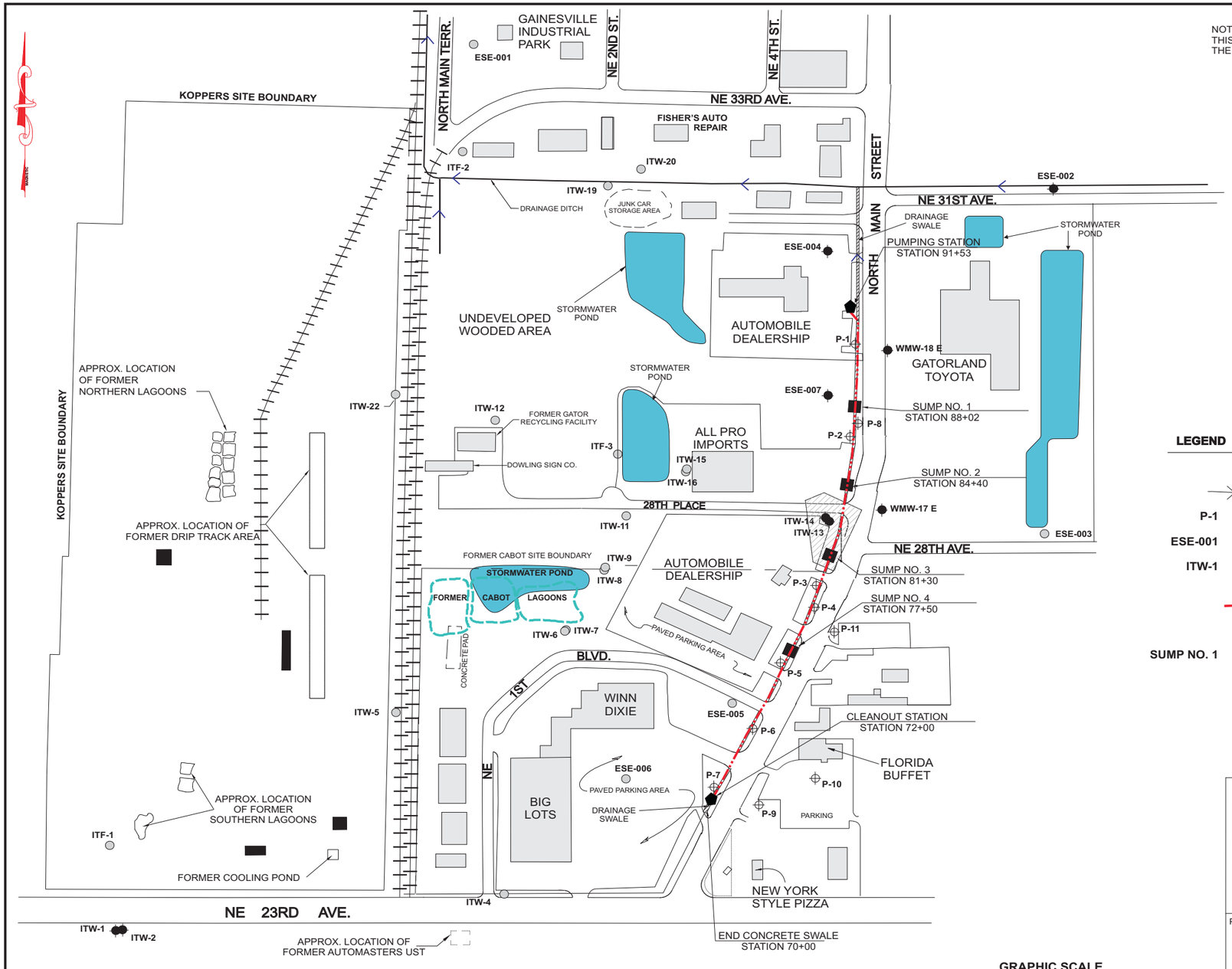
SECTION 1

BACKGROUND

The purpose of the fourth quarter 2010 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. Monitoring well ITW-2 was found to be dry and could not be sampled this quarter. This report summarizes the results of the fourth quarter 2010 groundwater sampling event.



NOTE:
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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

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SECTION 2

METHODOLOGY

Groundwater samples were collected from the Eastern Site monitoring wells by WESTON on September 28-30, 2010. 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 and sampled 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,
Fourth Quarter 2010

Groundwater			
Aquifer	**Wells Sampled**	**Parameters**	**Analytical Method**
Surficial	ITW-1, ITW-2 (Dry not Sampled), 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,

Fourth Quarter 2010

		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 December 28, 2010, 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 June 20, 2010.

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 4.79×10^{-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 9.13×10^{-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. Some of the surficial aquifer wells and piezometers were found to be dry (e.g., ITW-2, P-6, P7), presumably due to the lack of precipitation in the vicinity of the site in recent months.

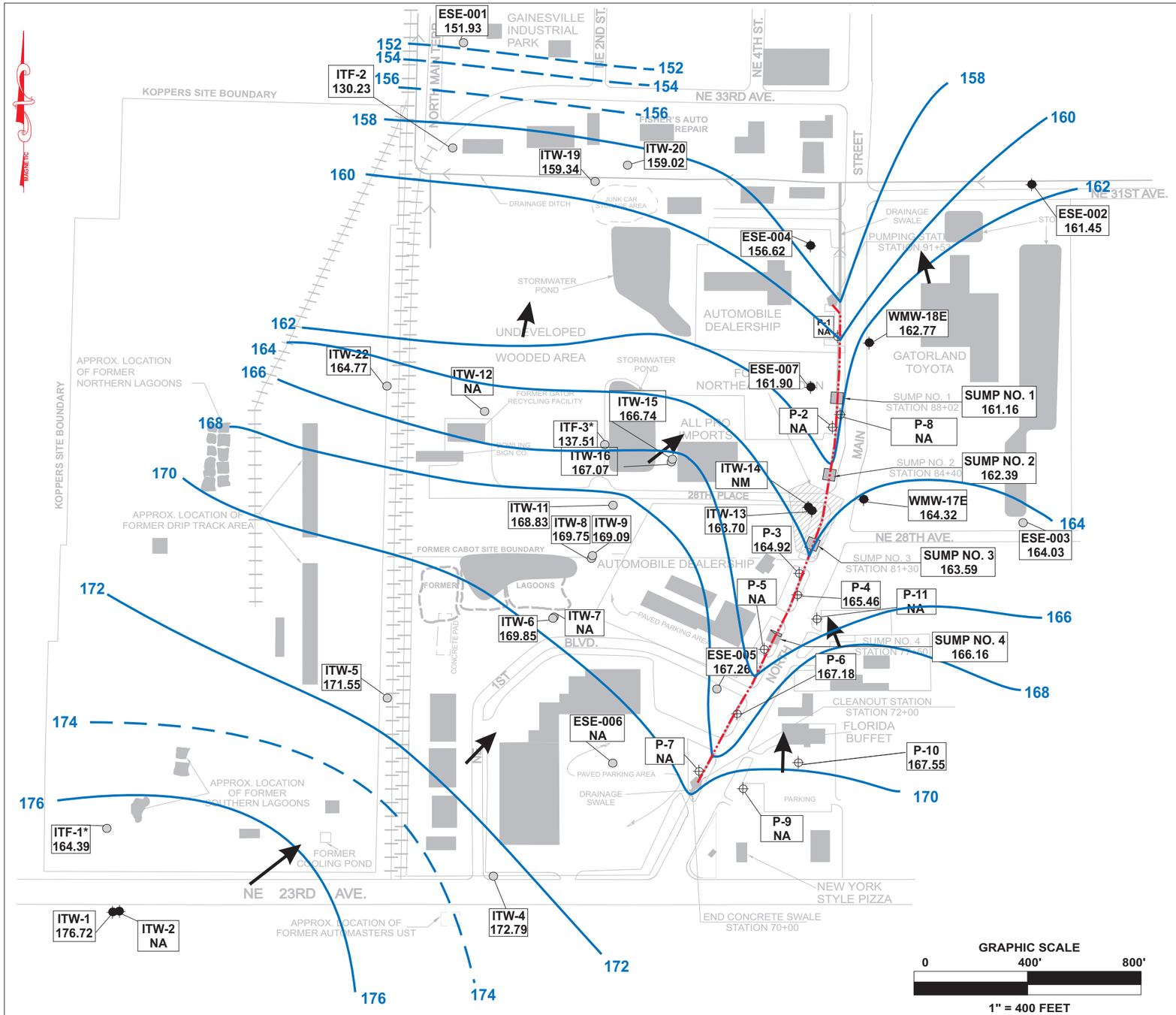
3.2 INTERMEDIATE AQUIFER

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 December 28, 2010, a head difference of approximately 31.32 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
December 2010 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]	September 28, 2010 Field Measured Water Depth Below Top of Casing (Feet)[2]	Groundwater Elevation Feet (MSL)	Depth of Screened Interval[4]
ITW-1	188.47	11.75	176.72	15.50 - 25.50
ITW-2	187.48	Dry at 11.5	Dry	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	15.03	172.79	5.00 - 15.00
ITW-5	185.34	13.79	171.55	19.00 - 24.00
ITW-6	183.10	13.25	169.85	18.50 - 28.50
ITW-7	182.97	13.13	Not Measured	8.50 - 18.50
ITW-8	180.81	11.06	169.75	18.50 - 28.50
ITW-9	180.30	11.21	169.09	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	12.08	168.83	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	10.44	163.70	23.00 - 33.00
ITW-14[6]	174.80	Approx. 0.1 foot product	Not Measured	5.00 - 15.00
ITW-15[7]	175.90	9.16	166.74	20.00 - 30.00
ITW-16[7]	175.41	8.34	167.07	12.50 - 22.50
ITW-19	169.74	10.40	159.34	11.00 - 31.00
ITW-20	169.77	10.75	159.02	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	13.84	164.77	3.00 - 13.00
ESE-001	162.05	10.12	151.93	6.50 - 21.20
ESE-002	169.08	7.63	161.45	8.00 - 23.00
ESE-003	171.86	7.83	164.03	9.00 - 29.00
ESE-004[5]	166.69	10.07	156.62	6.50 - 21.50
ESE-005	178.23	10.97	167.26	9.50 - 29.50
ESE-006	180.39	10.38	Not Measured	7.50 - 27.50
ESE-007	168.42	6.52	161.90	7.50 - 22.50
WMW-17E[5]	175.29	10.97	164.32	9.00 - 29.00
WMW-18E	172.92	10.15	162.77	9.00 - 29.00
ITF-1	186.63	23.86	162.77	69.00 - 79.00
ITF-2	168.95	38.72	130.23	71.00 - 81.00
ITF-3	176.89	39.38	137.51	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	could not find	Not Measured	5.18 - 10.18
P-3	171.05	6.13	164.92	5.00 - 10.00
P-4	172.26	6.80	165.46	5.00 - 10.00
P-5	173.20	Dry	Not Measured	6.65 - 11.65
P-6	177.07	Dry at 9.05	Dry	7.50 - 12.50
P-7	179.24	Dry at 10.71	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	12.68	167.55	10.00 - 15.00
P-11	173.35	could not find	Not Measured	10.00 - 15.00
Sump No. 1	168.95	7.79	161.16	Sump
Sump No. 2	169.80	7.41	162.39	Sump
Sump No. 3	170.94	7.35	163.59	Sump
Sump No. 4	173.27	7.11	166.16	Sump

Notes: 1. Depths to water measured on December 28, 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:
THIS FIGURE HAS BEEN GENERATED IN COLOR; IF REPRODUCED IN BLACK AND WHITE, THE CLARITY OF THE INFORMATION PRESENTED WILL BE SUBSTANTIALLY DIMINISHED.

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 June 2010 sampling event, product thickness in ITW-14 was measured at approximately 0.1 foot thick.

GRAPHIC SCALE
0 400' 800'
1" = 400 FEET

WESTON SOLUTIONS

PROJECT TITLE:
CABOT CARBON/KOPPERS SITE
GAINESVILLE, ALACHUA COUNTY, FLORIDA
WATER TABLE ELEVATIONS IN THE SURFICIAL AQUIFER
December 28, 2010
FIGURE 3-1

DRAWN: C. Mann	DATE: December 2010	DES. ENG.:	DATE:	W.O. NO.: 05791.010.001.0001
CHECKED: M. Taylor	DATE: December 2010	APPROVED:	DATE:	FILE NAME: December_2010_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 December, 2010 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 fourth quarter 2010 sampling results is provided below.

Neither arsenic nor chromium were detected in any well during the December 2010 sampling event. Benzene concentrations exceeded the ROD cleanup goals of 1 µg/L in groundwater samples collected from ITW-13 (83 µg/L), ITW-14 (47 µg/L) and ESE-007 (6.4 µg/L). Naphthalene concentrations were above the ROD cleanup goal of 18 µg/L in ITW-13 (40 µg/L) and ITW-14 (420 µg/L). Acenaphthylene concentrations exceeded the ROD cleanup goal of 130 µg/L in ITW-14 (730 µg/L). Phenanthrene concentrations also 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 (8,700 µg/L).

Total combined potentially carcinogenic PAH's were detected in ITW-14 this quarter at 850 µg/L. The ROD cleanup goal is 0.003 µg/L for the combination of all potentially carcinogenic PAH's. Approximately 0.1 foot of free product was observed in monitoring well ITW-14 during the December 2010 sampling event. 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
December 28-30 2010

Well Designation/ Screened Interval (feet)	Parameter	Results (µg/L)	RL (µg/L)	ROD Cleanup Goal (µg/L)
ITW-13 / 23-33	Benzene	83	5	1
	Naphthalene	40	10	18
	Phenol	8,700	1100	2,630
ITW-14 / 5-15	Benzene	47	5	1
	Naphthalene	420	100	18
	Acenaphthylene	730	100	130
	Phenanthrene	210	100	130
	Total Potentially Carcinogenic PAHs	850	20	0.003
ESE-007 / 7.5-22.5	Benzene	6.4	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 ESE-002. A summary of detected compounds in the regular sample and duplicate is provided in Table 4-2. Comparison of the results from ESE-002 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.

Table 4-2

Comparision of ESE-002 and Duplicate Sample
Eastern Portion of Cabot Carbon/Koppers Superfund Site
December 28-30, 2010

Parameter	ESE-002 Results (mg/L)	Duplicate Results (mg/L)	RL (mg/L)
Acenaphthene	6.7	7.8	0.97
Anthracene	2.2	2.6	0.97
Fluoranthene	8.3	9.3	0.97
Fluorene	2.5	3.3	0.97
1-Methylnaphthalene	2.1	1.3	0.97
2-Methynaphthalene	1.7	1.8	0.97
Naphthalene	3.2	3.8	0.97
Phenanthrene	15	16.0	0.97
Pyrene	4.4	7.9	0.97

(µg/L) = micrograms per liter
RL = Report Limit
ROD = Record of Decision

SECTION 5

FINDINGS

Based on the groundwater analytical data collected at the Eastern Site during the fourth quarter 2010 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 fourth week of March 2011. The wells to be sampled in the third quarter 2010 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
December 2010

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	12/29/2010	08:50	0.10	22.81	4.93	94	3.53	1.00		
ITW-1	12/29/2010	09:10	2.50	23.27	4.85	91	2.44	1.00		
ITW-1	12/29/2010	09:20	5.00	23.23	4.86	92	1.74	0.50		
ITW-1	12/29/2010	09:40	7.50	23.42	4.85	91	0.93	0.26		
ITW-1	Sample; 12/29/2010	0945							NO	NO
ITW-2	Not Sampled - Dry									
ITW-2										
ITW-2										
ITW-2									NO	NO
ESE-002	12/29/2010	11:05	0.1	24.57	5.76	72	2.37	4.60		
ESE-002	12/29/2010	11:15	2.5	24.70	5.73	72	0.46	3.88		
ESE-002	12/29/2010	11:26	5.0	24.71	5.72	77	0.36	4.17		
ESE-002	12/29/2010	11:40	8.5	24.71	5.72	78	0.32	5.28		
ESE-002	Sample; 12/29/2010	11:40							NO/Dup	NO
ESE-004	12/30/2010	08:00	0.1	24.23	5.17	254	8.87	5.05		
ESE-004	12/30/2010	08:10	2.5	20.95	5.22	378	1.34	0.29		
ESE-004	12/30/2010	08:20	4.0	21.06	5.29	382	0.80	0.40		
	12/31/2011	08:30	6.0	21.13	5.35	387	0.49	1.22		
ESE-004	Sample 12/30/2010	08:30							NO	NO
ESE-007	12/30/2011	09:30	1.0	20.95	5.61	378	2.86	4.47		
ESE-007	12/30/2011	09:40	3.5	21.06	5.49	382	0.36	4.07		
ESE-007	12/30/2011	09:51	6.0	21.13	5.69	387	0.23	51.60		
ESE-007	12/30/2011	10:05	8.5	21.17	5.59	393	0.21	81.40		
ESE-007	Sample; 12/30/10	09:15							YES	NO
ITW-13	12/30/2010	10:55	0.5	24.91	5.21	185	0.88	6.96		
ITW-13	12/30/2010	11:15	4.5	25.14	5.03	176	0.24	1.02		
ITW-13	Dry at 8 gallons									
ITW-13	Sample; 12/30/10	12:30							YES	YES
ITW-14	Purge; 12/30/2010	11:25	3.0	25.36	5.64	252	2.18	56.30		
ITW-14	Sample; 12/30/10	12:00							YES/TAR	YES
WMW-17E	12/29/2010	13:45	0.1	24.20	5.36	114	15.17	1.87		
WMW-17E	12/29/2010	14:00	3.0	24.82	5.33	119	0.57	0.97		
WMW-17E	12/29/2010	14:15	6.0	24.90	5.34	121	0.29	1.12		
WMW-17E	12/29/2010	14:30	9.5	24.86	5.30	125	0.24	1.42		
WMW-17E	Sample; 12/29/2010	14:30							NO	NO
WMW-18E	12/29/2010	15:31	0.1	24.77	4.92	260	0.59	4.80		
WMW-18E	12/29/2010	15:42	2.5	24.73	4.95	262	0.30	4.95		
WMW-18E	12/29/2010	15:52	5.0	24.76	5.04	257	0.24	5.24		
WMW-18E	12/29/2010	16:00	7.5	24.69	4.77	260	0.24	7.34		
WMW-18E	Sample; 12/29/2011	16:00							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

Job Number: 680-64462-1

Job Description: Cabot

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

Attention: Mr. Mark Taylor

Approved for release.
Abbie G Yant
Project Manager I
1/14/2011 3:50 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
01/14/2011

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-64483-1

Job Description: Cabot

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

Attention: Mr. Mark Taylor

Approved for release.
Abbie G Yant
Project Manager I
1/14/2011 3:31 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
01/14/2011

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

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ACCREDITED IN ACCORDANCE WITH nelac

Comments
No additional comments.

Receipt
Method(s) 8260B: The following sample(s) was received with headspace in the sample vial: ITW-13 (680-64483-2). All of the sample vials have headspace in them.

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

GC/MS VOA
No 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 (680-64483-2), ITW-14 (680-64483-1). As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

HPLC
Method(s) 8310: Surrogate recovery for the following sample(s) was outside control limits: ITW-14 (680-64483-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8310: Surrogate recovery for the following sample(s) was outside control limits: ESE-004 (680-64483-4), ESE-007 (680-64483-5), ITW-13 (680-64483-2), ITW-14 (680-64483-1). 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.

METHOD SUMMARY

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL SAV		SW846 3520C
Metals (ICP)	TAL SAV	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
PAHs (HPLC)	TAL PEN	SW846 8310	
Liquid-Liquid Extraction (Continuous)	TAL PEN		SW846 3520C

Lab References:

TAL PEN = TestAmerica Pensacola

TAL SAV = TestAmerica Savannah

Method References:

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

SAMPLE SUMMARY

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-64483-1	ITW-14	Water	12/30/2010 1200	12/31/2010 0959
680-64483-2	ITW-13	Water	12/30/2010 1230	12/31/2010 0959
680-64483-3	TB-01	Water	12/30/2010 0000	12/31/2010 0959
680-64483-4	ESE-004	Water	12/30/2010 0830	12/31/2010 0959
680-64483-5	ESE-007	Water	12/30/2010 0915	12/31/2010 0959

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-14**

Lab Sample ID: 680-64483-1 Date Sampled: 12/30/2010 1200
Client Matrix: Water Date Received: 12/31/2010 0959

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190916		Instrument ID:	MSA
Preparation:	5030B			Lab File ID:	a015.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	01/06/2011 2318			Final Weight/Volume:	5 mL
Date Prepared:	01/06/2011 2318				

Analyte	Result (ug/L)	Qualifier	RL
Acetone	160		120
Benzene	47		5.0
Bromoform	<5.0		5.0
Bromomethane	<5.0		5.0
2-Butanone (MEK)	<50		50
Carbon disulfide	<10		10
Carbon tetrachloride	<5.0		5.0
Chlorobenzene	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
Chloroethane	<5.0		5.0
Chloroform	<5.0		5.0
Chloromethane	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Dichlorobromomethane	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
1,1-Dichloroethene	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
Ethylbenzene	190		5.0
2-Hexanone	<50		50
Methylene Chloride	<25		25
4-Methyl-2-pentanone (MIBK)	<50		50
Styrene	22		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
Tetrachloroethene	<5.0		5.0
Toluene	800		5.0
trans-1,2-Dichloroethene	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
1,1,1-Trichloroethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Trichloroethene	<5.0		5.0
Vinyl chloride	<5.0		5.0
Xylenes, Total	550		10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		70 - 130
Dibromofluoromethane	111		70 - 130
Toluene-d8 (Surr)	91		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-13**

Lab Sample ID: 680-64483-2 Date Sampled: 12/30/2010 1230
Client Matrix: Water Date Received: 12/31/2010 0959

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-191034	Instrument ID: MSA
Preparation:	5030B		Lab File ID: a028.d
Dilution:	5.0		Initial Weight/Volume: 5 mL
Date Analyzed:	01/07/2011 1929		Final Weight/Volume: 5 mL
Date Prepared:	01/07/2011 1929		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	700		120
Benzene	83		5.0
Bromoform	<5.0		5.0
Bromomethane	<5.0		5.0
2-Butanone (MEK)	340		50
Carbon disulfide	<10		10
Carbon tetrachloride	<5.0		5.0
Chlorobenzene	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
Chloroethane	<5.0		5.0
Chloroform	<5.0		5.0
Chloromethane	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Dichlorobromomethane	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
1,1-Dichloroethene	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
Ethylbenzene	280		5.0
2-Hexanone	61		50
Methylene Chloride	<25		25
4-Methyl-2-pentanone (MIBK)	<50		50
Styrene	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
Tetrachloroethene	<5.0		5.0
Toluene	400		5.0
trans-1,2-Dichloroethene	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
1,1,1-Trichloroethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Trichloroethene	<5.0		5.0
Vinyl chloride	<5.0		5.0
Xylenes, Total	160		10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		70 - 130
Dibromofluoromethane	105		70 - 130
Toluene-d8 (Surr)	87		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **TB-01**

Lab Sample ID: 680-64483-3 Date Sampled: 12/30/2010 0000
Client Matrix: Water Date Received: 12/31/2010 0959

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190916	Instrument ID: MSA
Preparation:	5030B		Lab File ID: a016.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	01/06/2011 2339		Final Weight/Volume: 5 mL
Date Prepared:	01/06/2011 2339		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	103		70 - 130
Dibromofluoromethane	116		70 - 130
Toluene-d8 (Surr)	89		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-004**

Lab Sample ID: 680-64483-4 Date Sampled: 12/30/2010 0830
Client Matrix: Water Date Received: 12/31/2010 0959

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190916	Instrument ID: MSA
Preparation:	5030B		Lab File ID: a012.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	01/06/2011 2215		Final Weight/Volume: 5 mL
Date Prepared:	01/06/2011 2215		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane	118		70 - 130
Toluene-d8 (Surr)	91		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-007**

Lab Sample ID: 680-64483-5 Date Sampled: 12/30/2010 0915
Client Matrix: Water Date Received: 12/31/2010 0959

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-191176	Instrument ID:	MSA
Preparation:	5030B		Lab File ID:	a048.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	01/10/2011 1823		Final Weight/Volume:	5 mL
Date Prepared:	01/10/2011 1823			

Analyte	Result (ug/L)	Qualifier	RL
Acetone	61		25
Benzene	6.4		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	27		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	19		1.0
2-Hexanone	<10		10
Methylene Chloride	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<10		10
Styrene	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	22		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	19		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	112		70 - 130
Dibromofluoromethane	123		70 - 130
Toluene-d8 (Surr)	89		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-14**

Lab Sample ID: 680-64483-1 Date Sampled: 12/30/2010 1200
Client Matrix: Water Date Received: 12/31/2010 0959

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191130		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	n0730.d
Dilution:	100			Initial Weight/Volume:	974 mL
Date Analyzed:	01/10/2011 1547			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<1000		1000
2,4-Dimethylphenol	4100		1000
Pentachlorophenol	<5100		5100

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	0	D	25 - 130
2-Fluorophenol	0	D	25 - 130
2,4,6-Tribromophenol	0	D	31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-13**

Lab Sample ID: 680-64483-2 Date Sampled: 12/30/2010 1230
Client Matrix: Water Date Received: 12/31/2010 0959

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191130		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	n0731.d
Dilution:	100			Initial Weight/Volume:	944 mL
Date Analyzed:	01/10/2011 1616			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	8700		1100
2,4-Dimethylphenol	2100		1100
Pentachlorophenol	<5300		5300

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	0	D	25 - 130
2-Fluorophenol	0	D	25 - 130
2,4,6-Tribromophenol	0	D	31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-004**

Lab Sample ID: 680-64483-4 Date Sampled: 12/30/2010 0830
Client Matrix: Water Date Received: 12/31/2010 0959

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191066		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	g5098.d
Dilution:	1.0			Initial Weight/Volume:	977 mL
Date Analyzed:	01/07/2011 2244			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<51		51

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	56		25 - 130
2-Fluorophenol	58		25 - 130
2,4,6-Tribromophenol	73		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-007**

Lab Sample ID: 680-64483-5 Date Sampled: 12/30/2010 0915
Client Matrix: Water Date Received: 12/31/2010 0959

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191066		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	g5099.d
Dilution:	1.0			Initial Weight/Volume:	1038 mL
Date Analyzed:	01/07/2011 2312			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	160		9.6
2,4-Dimethylphenol	170		9.6
Pentachlorophenol	<48		48

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	64		25 - 130
2-Fluorophenol	62		25 - 130
2,4,6-Tribromophenol	80		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-14**

Lab Sample ID: 680-64483-1 Date Sampled: 12/30/2010 1200
Client Matrix: Water Date Received: 12/31/2010 0959

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1000 mL
Dilution:	100			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/05/2011 0048			Injection Volume:	
Date Prepared:	01/03/2011 1459			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<100		100
Acenaphthylene	730		100
Anthracene	<100		100
Benzo[a]anthracene	35	p	20
Benzo[a]pyrene	45		20
Benzo[b]fluoranthene	110	p	20
Benzo[g,h,i]perylene	<100		100
Benzo[k]fluoranthene	<50		50
Chrysene	620		100
Dibenz(a,h)anthracene	40	p	20
Fluoranthene	1100	p	100
Fluorene	300		100
Indeno[1,2,3-cd]pyrene	<20		20
1-Methylnaphthalene	640		100
2-Methylnaphthalene	360		100
Naphthalene	420		100
Phenanthrene	210		100
Pyrene	<100		100

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	1066	X	37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-13**

Lab Sample ID: 680-64483-2 Date Sampled: 12/30/2010 1230
Client Matrix: Water Date Received: 12/31/2010 0959

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1000 mL
Dilution:	10			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/05/2011 0121			Injection Volume:	
Date Prepared:	01/03/2011 1459			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<10		10
Acenaphthylene	<10		10
Anthracene	<10		10
Benzo[a]anthracene	<2.0		2.0
Benzo[a]pyrene	<2.0		2.0
Benzo[b]fluoranthene	<2.0		2.0
Benzo[g,h,i]perylene	<10		10
Benzo[k]fluoranthene	<5.0		5.0
Chrysene	<10		10
Dibenz(a,h)anthracene	<2.0		2.0
Fluoranthene	<10		10
Fluorene	<10		10
Indeno[1,2,3-cd]pyrene	<2.0		2.0
1-Methylnaphthalene	<10		10
2-Methylnaphthalene	<10		10
Naphthalene	40		10
Phenanthrene	<10		10
Pyrene	<10		10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	60		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-004**

Lab Sample ID: 680-64483-4 Date Sampled: 12/30/2010 0830
Client Matrix: Water Date Received: 12/31/2010 0959

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1000 mL
Dilution:	5.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/05/2011 0155			Injection Volume:	
Date Prepared:	01/03/2011 1459			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<5.0		5.0
Acenaphthylene	<5.0		5.0
Anthracene	<5.0		5.0
Benzo[a]anthracene	<1.0		1.0
Benzo[a]pyrene	<1.0		1.0
Benzo[b]fluoranthene	<1.0		1.0
Benzo[g,h,i]perylene	<5.0		5.0
Benzo[k]fluoranthene	<2.5		2.5
Chrysene	<5.0		5.0
Dibenz(a,h)anthracene	<1.0		1.0
Fluoranthene	<5.0		5.0
Fluorene	<5.0		5.0
Indeno[1,2,3-cd]pyrene	<1.0		1.0
1-Methylnaphthalene	<5.0		5.0
2-Methylnaphthalene	<5.0		5.0
Naphthalene	<5.0		5.0
Phenanthrene	<5.0		5.0
Pyrene	<5.0		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	84		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-007**

Lab Sample ID: 680-64483-5 Date Sampled: 12/30/2010 0915
Client Matrix: Water Date Received: 12/31/2010 0959

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1000 mL
Dilution:	5.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/05/2011 0229			Injection Volume:	
Date Prepared:	01/03/2011 1459			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<5.0		5.0
Acenaphthylene	<5.0		5.0
Anthracene	<5.0		5.0
Benzo[a]anthracene	<1.0		1.0
Benzo[a]pyrene	<1.0		1.0
Benzo[b]fluoranthene	<1.0		1.0
Benzo[g,h,i]perylene	<5.0		5.0
Benzo[k]fluoranthene	<2.5		2.5
Chrysene	<5.0		5.0
Dibenz(a,h)anthracene	<1.0		1.0
Fluoranthene	<5.0		5.0
Fluorene	<5.0		5.0
Indeno[1,2,3-cd]pyrene	<1.0		1.0
1-Methylnaphthalene	<5.0		5.0
2-Methylnaphthalene	<5.0		5.0
Naphthalene	<5.0		5.0
Phenanthrene	<5.0		5.0
Pyrene	<5.0		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	102		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-14**

Lab Sample ID: 680-64483-1 Date Sampled: 12/30/2010 1200
Client Matrix: Water Date Received: 12/31/2010 0959

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 2040			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ITW-13**

Lab Sample ID: 680-64483-2 Date Sampled: 12/30/2010 1230
Client Matrix: Water Date Received: 12/31/2010 0959

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 2045			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-004**

Lab Sample ID: 680-64483-4 Date Sampled: 12/30/2010 0830
Client Matrix: Water Date Received: 12/31/2010 0959

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 2050			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Client Sample ID: **ESE-007**

Lab Sample ID: 680-64483-5 Date Sampled: 12/30/2010 0915
Client Matrix: Water Date Received: 12/31/2010 0959

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 2055			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 680-64483-1

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

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Method Blank - Batch: 680-190916

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-190916/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1747
Date Prepared: 01/06/2011 1747

Analysis Batch: 680-190916
Prep Batch: N/A
Units: ug/L

Instrument ID: MSA
Lab File ID: aq049.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Benzene	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
2-Hexanone	<10		10
Methylene Chloride	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<10		10
Styrene	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	105	70 - 130
Dibromofluoromethane	114	70 - 130
Toluene-d8 (Surr)	90	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-190916

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-190916/7	Analysis Batch:	680-190916	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq041.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/06/2011 1555			Final Weight/Volume:	5 mL
Date Prepared:	01/06/2011 1555				

LCSD Lab Sample ID:	LCSD 680-190916/8	Analysis Batch:	680-190916	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq043.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/06/2011 1623			Final Weight/Volume:	5 mL
Date Prepared:	01/06/2011 1623				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	103	97	26 - 180	6	50		
Benzene	96	96	70 - 130	0	30		
Bromoform	93	92	70 - 130	2	30		
Bromomethane	73	86	23 - 165	16	50		
2-Butanone (MEK)	103	101	49 - 172	2	30		
Carbon disulfide	97	96	54 - 132	1	30		
Carbon tetrachloride	93	93	70 - 130	1	30		
Chlorobenzene	104	102	70 - 130	1	30		
Chlorodibromomethane	92	89	70 - 130	3	50		
Chloroethane	102	106	56 - 152	4	40		
Chloroform	104	104	70 - 130	0	30		
Chloromethane	85	93	70 - 130	9	30		
cis-1,2-Dichloroethene	104	106	70 - 130	1	30		
cis-1,3-Dichloropropene	90	90	70 - 130	1	30		
Dichlorobromomethane	93	93	70 - 130	0	30		
1,1-Dichloroethane	106	107	70 - 130	2	30		
1,2-Dichloroethane	99	99	70 - 130	0	30		
1,1-Dichloroethene	106	108	66 - 131	2	30		
1,2-Dichloropropane	98	97	70 - 130	1	30		
Ethylbenzene	93	92	70 - 130	1	30		
2-Hexanone	106	101	42 - 185	5	30		
Methylene Chloride	103	103	67 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	97	97	70 - 130	1	30		
Styrene	98	96	70 - 130	2	30		
1,1,2,2-Tetrachloroethane	103	100	70 - 130	3	30		
Tetrachloroethene	96	95	70 - 130	1	30		
Toluene	96	96	70 - 130	1	30		
trans-1,2-Dichloroethene	105	102	70 - 130	2	30		
trans-1,3-Dichloropropene	90	90	70 - 130	0	50		
1,1,1-Trichloroethane	95	95	70 - 130	0	30		
1,1,2-Trichloroethane	105	106	70 - 130	1	30		
Trichloroethene	92	95	70 - 130	3	30		
Vinyl chloride	100	99	67 - 134	1	30		

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-190916

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-190916/7	Analysis Batch:	680-190916	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq041.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/06/2011 1555			Final Weight/Volume:	5 mL
Date Prepared:	01/06/2011 1555				

LCSD Lab Sample ID:	LCSD 680-190916/8	Analysis Batch:	680-190916	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq043.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/06/2011 1623			Final Weight/Volume:	5 mL
Date Prepared:	01/06/2011 1623				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Xylenes, Total	96	96	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	105	104	70 - 130
Dibromofluoromethane	105	108	70 - 130
Toluene-d8 (Surr)	92	93	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Method Blank - Batch: 680-191034

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-191034/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 1658
Date Prepared: 01/07/2011 1658

Analysis Batch: 680-191034
Prep Batch: N/A
Units: ug/L

Instrument ID: MSA
Lab File ID: aq057.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Benzene	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
2-Hexanone	<10		10
Methylene Chloride	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<10		10
Styrene	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	102	70 - 130
Dibromofluoromethane	111	70 - 130
Toluene-d8 (Surr)	91	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-191034

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-191034/6	Analysis Batch:	680-191034	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq052.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/07/2011 1507			Final Weight/Volume:	5 mL
Date Prepared:	01/07/2011 1507				

LCSD Lab Sample ID:	LCSD 680-191034/7	Analysis Batch:	680-191034	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq053.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/07/2011 1528			Final Weight/Volume:	5 mL
Date Prepared:	01/07/2011 1528				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	101	102	26 - 180	1	50		
Benzene	96	96	70 - 130	1	30		
Bromoform	91	91	70 - 130	0	30		
Bromomethane	84	90	23 - 165	6	50		
2-Butanone (MEK)	107	108	49 - 172	0	30		
Carbon disulfide	103	103	54 - 132	0	30		
Carbon tetrachloride	89	90	70 - 130	1	30		
Chlorobenzene	102	103	70 - 130	2	30		
Chlorodibromomethane	89	90	70 - 130	2	50		
Chloroethane	118	111	56 - 152	6	40		
Chloroform	108	108	70 - 130	0	30		
Chloromethane	105	101	70 - 130	4	30		
cis-1,2-Dichloroethene	108	108	70 - 130	0	30		
cis-1,3-Dichloropropene	89	88	70 - 130	1	30		
Dichlorobromomethane	94	93	70 - 130	2	30		
1,1-Dichloroethane	108	113	70 - 130	4	30		
1,2-Dichloroethane	99	98	70 - 130	1	30		
1,1-Dichloroethene	111	115	66 - 131	4	30		
1,2-Dichloropropane	95	96	70 - 130	1	30		
Ethylbenzene	91	91	70 - 130	0	30		
2-Hexanone	102	104	42 - 185	2	30		
Methylene Chloride	108	104	67 - 130	4	30		
4-Methyl-2-pentanone (MIBK)	97	96	70 - 130	1	30		
Styrene	96	96	70 - 130	1	30		
1,1,2,2-Tetrachloroethane	101	101	70 - 130	1	30		
Tetrachloroethene	94	95	70 - 130	1	30		
Toluene	95	97	70 - 130	2	30		
trans-1,2-Dichloroethene	105	105	70 - 130	0	30		
trans-1,3-Dichloropropene	88	89	70 - 130	1	50		
1,1,1-Trichloroethane	95	96	70 - 130	0	30		
1,1,2-Trichloroethane	103	102	70 - 130	1	30		
Trichloroethene	92	95	70 - 130	2	30		
Vinyl chloride	107	104	67 - 134	3	30		

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-191034

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-191034/6	Analysis Batch:	680-191034	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq052.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/07/2011 1507			Final Weight/Volume:	5 mL
Date Prepared:	01/07/2011 1507				

LCSD Lab Sample ID:	LCSD 680-191034/7	Analysis Batch:	680-191034	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq053.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/07/2011 1528			Final Weight/Volume:	5 mL
Date Prepared:	01/07/2011 1528				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Xylenes, Total	95	96	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	101	103	70 - 130
Dibromofluoromethane	111	110	70 - 130
Toluene-d8 (Surr)	92	93	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Method Blank - Batch: 680-191176

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-191176/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/10/2011 1659
Date Prepared: 01/10/2011 1659

Analysis Batch: 680-191176
Prep Batch: N/A
Units: ug/L

Instrument ID: MSA
Lab File ID: aq066.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Benzene	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
2-Hexanone	<10		10
Methylene Chloride	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<10		10
Styrene	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	106	70 - 130
Dibromofluoromethane	117	70 - 130
Toluene-d8 (Surr)	87	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-191176

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-191176/11	Analysis Batch:	680-191176	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq060.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/10/2011 1454			Final Weight/Volume:	5 mL
Date Prepared:	01/10/2011 1454				

LCSD Lab Sample ID:	LCSD 680-191176/12	Analysis Batch:	680-191176	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq062.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/10/2011 1535			Final Weight/Volume:	5 mL
Date Prepared:	01/10/2011 1535				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	88	82	26 - 180	7	50		
Benzene	92	91	70 - 130	1	30		
Bromoform	96	92	70 - 130	4	30		
Bromomethane	59	59	23 - 165	1	50		
2-Butanone (MEK)	103	98	49 - 172	5	30		
Carbon disulfide	92	88	54 - 132	4	30		
Carbon tetrachloride	78	80	70 - 130	2	30		
Chlorobenzene	105	107	70 - 130	2	30		
Chlorodibromomethane	92	91	70 - 130	1	50		
Chloroethane	111	100	56 - 152	11	40		
Chloroform	106	107	70 - 130	1	30		
Chloromethane	88	84	70 - 130	4	30		
cis-1,2-Dichloroethene	109	110	70 - 130	0	30		
cis-1,3-Dichloropropene	87	84	70 - 130	4	30		
Dichlorobromomethane	90	86	70 - 130	4	30		
1,1-Dichloroethane	105	107	70 - 130	1	30		
1,2-Dichloroethane	91	88	70 - 130	4	30		
1,1-Dichloroethene	95	93	66 - 131	3	30		
1,2-Dichloropropane	90	89	70 - 130	2	30		
Ethylbenzene	93	92	70 - 130	1	30		
2-Hexanone	107	97	42 - 185	9	30		
Methylene Chloride	89	87	67 - 130	2	30		
4-Methyl-2-pentanone (MIBK)	90	84	70 - 130	7	30		
Styrene	98	97	70 - 130	2	30		
1,1,2,2-Tetrachloroethane	100	97	70 - 130	4	30		
Tetrachloroethene	100	100	70 - 130	1	30		
Toluene	92	90	70 - 130	2	30		
trans-1,2-Dichloroethene	91	90	70 - 130	1	30		
trans-1,3-Dichloropropene	86	82	70 - 130	5	50		
1,1,1-Trichloroethane	90	90	70 - 130	0	30		
1,1,2-Trichloroethane	102	96	70 - 130	6	30		
Trichloroethene	91	92	70 - 130	1	30		
Vinyl chloride	84	83	67 - 134	2	30		

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-191176

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-191176/11	Analysis Batch:	680-191176	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq060.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/10/2011 1454			Final Weight/Volume:	5 mL
Date Prepared:	01/10/2011 1454				

LCSD Lab Sample ID:	LCSD 680-191176/12	Analysis Batch:	680-191176	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	aq062.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/10/2011 1535			Final Weight/Volume:	5 mL
Date Prepared:	01/10/2011 1535				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Xylenes, Total	97	98	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	104	104	70 - 130
Dibromofluoromethane	110	111	70 - 130
Toluene-d8 (Surr)	89	87	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Method Blank - Batch: 680-190550

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-190550/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 1734
Date Prepared: 01/04/2011 1448

Analysis Batch: 680-191066
Prep Batch: 680-190550
Units: ug/L

Instrument ID: MSG
Lab File ID: g5087.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<50		50

Surrogate	% Rec	Acceptance Limits
Phenol-d5	70	25 - 130
2-Fluorophenol	67	25 - 130
2,4,6-Tribromophenol	82	31 - 141

Lab Control Sample - Batch: 680-190550

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-190550/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 1802
Date Prepared: 01/04/2011 1448

Analysis Batch: 680-191066
Prep Batch: 680-190550
Units: ug/L

Instrument ID: MSG
Lab File ID: g5088.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	100	77.2	77	29 - 130	
2,4-Dimethylphenol	100	66.3	66	40 - 130	
Pentachlorophenol	100	81.3	81	42 - 138	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	74	25 - 130
2-Fluorophenol	71	25 - 130
2,4,6-Tribromophenol	81	31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Method Blank - Batch: 400-123607

Method: 8310
Preparation: 3520C

Lab Sample ID: MB 400-123607/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1803
Date Prepared: 01/03/2011 0858

Analysis Batch: 400-123821
Prep Batch: 400-123607
Units: ug/L

Instrument ID: WIGGLE
Lab File ID: 003-0301.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Acenaphthene	<1.0		1.0
Acenaphthylene	<1.0		1.0
Anthracene	<1.0		1.0
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<1.0		1.0
Benzo[k]fluoranthene	<0.50		0.50
Chrysene	<1.0		1.0
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<1.0		1.0
Fluorene	<1.0		1.0
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<1.0		1.0
2-Methylnaphthalene	<1.0		1.0
Naphthalene	<1.0		1.0
Phenanthrene	<1.0		1.0
Pyrene	<1.0		1.0

Surrogate	% Rec	Acceptance Limits
2-Chloroanthracene	103	37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Lab Control Sample - Batch: 400-123607

Method: 8310
Preparation: 3520C

Lab Sample ID: LCS 400-123607/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1837
Date Prepared: 01/03/2011 0858

Analysis Batch: 400-123821
Prep Batch: 400-123607
Units: ug/L

Instrument ID: WIGGLE
Lab File ID: 004-0401.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	10.0	9.31	93	45 - 114	
Acenaphthylene	10.0	8.46	85	49 - 99	
Anthracene	10.0	6.02	60	59 - 114	
Benzo[a]anthracene	10.0	8.97	90	58 - 110	
Benzo[a]pyrene	10.0	7.19	72	41 - 100	
Benzo[b]fluoranthene	10.0	7.74	77	44 - 102	
Benzo[g,h,i]perylene	10.0	4.95	50	14 - 96	
Benzo[k]fluoranthene	10.0	6.90	69	35 - 102	
Chrysene	10.0	9.48	95	58 - 121	
Dibenz(a,h)anthracene	10.0	4.44	44	13 - 102	
Fluoranthene	10.0	9.53	95	56 - 135	
Fluorene	10.0	8.88	89	50 - 101	
Indeno[1,2,3-cd]pyrene	10.0	5.64	56	33 - 103	
1-Methylnaphthalene	10.0	8.40	84	34 - 110	
2-Methylnaphthalene	10.0	8.11	81	30 - 112	
Naphthalene	10.0	7.39	74	15 - 137	
Phenanthrene	10.0	10.5	105	57 - 116	
Pyrene	10.0	10.6	106	62 - 117	

Surrogate	% Rec	Acceptance Limits
2-Chloroanthracene	106	37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64483-1

Method Blank - Batch: 680-190486

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-190486/19-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1845
Date Prepared: 01/03/2011 1214

Analysis Batch: 680-190767
Prep Batch: 680-190486
Units: ug/L

Instrument ID: ICPD
Lab File ID: sledd3ew1e5v2.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Arsenic	<20		20
Chromium	<10		10

Lab Control Sample - Batch: 680-190486

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-190486/20-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1850
Date Prepared: 01/03/2011 1214

Analysis Batch: 680-190767
Prep Batch: 680-190486
Units: ug/L

Instrument ID: ICPD
Lab File ID: sledd3ew1e5v2.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1900	95	75 - 125	
Chromium	200	195	98	75 - 125	

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: 680-31231.1
Client Contact: Mr. Mark Taylor	Phone: 904 261 3035	E-Mail: abbie.yant@testamericainc.com		Page: Page 1 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 94072 Summer Breeze Drive	Due Date Requested:			
City: Fernandina Beach	TAT Requested (days): Standard 10 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			
Site: Cabot	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

PAHs Sent To Pensacola Lab

Special Instructions/Note:

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
			Preservation Code:				D	N	N	A	
~~ITW-1~~ MA				Water							
~~ITW-2~~ ITW-14	12/30/10	12:00	G	Water	N	Y	1	2		3	
ITW-13	12/30/10	12:30	G	Water	N		1	2		3	
~~ITW-14~~ TB-01				Water						2	
~~ESE-002~~ MA				Water					MA	4	
ESE-004	12/30/10	0830	G	Water	N	Y	1	2	2	3	
ESE-007	12/30/10	0715	G	Water	N	Y	1	2	2	3	
~~WMW-17E~~ MA				Water					MA		
~~WMW-18E~~ MA				Water							
~~Duplicate~~ MA				Water							
~~Equipment Blank~~ MA				Water							

680-64483

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	12-30-10 1720				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by: Frances Swafford	Date/Time: 12/31/10 09:21	Company TAS

Custody Seals Intact: ∆ Yes ∆ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2, 4.8

01/14/2011

Comments
No additional comments.

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

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

HPLC
No 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.

METHOD SUMMARY

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL SAV		SW846 3520C
Metals (ICP)	TAL SAV	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A
PAHs (HPLC)	TAL PEN	SW846 8310	
Liquid-Liquid Extraction (Continuous)	TAL PEN		SW846 3520C

Lab References:

TAL PEN = TestAmerica Pensacola

TAL SAV = TestAmerica Savannah

Method References:

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

SAMPLE SUMMARY

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-64462-1	ITW-1	Water	12/29/2010 0945	12/30/2010 0912
680-64462-2	ESE-002	Water	12/29/2010 1140	12/30/2010 0912
680-64462-3	Duplicate	Water	12/29/2010 1140	12/30/2010 0912
680-64462-4	WMW-17E	Water	12/29/2010 1430	12/30/2010 0912
680-64462-5	WMW-18E	Water	12/29/2010 1600	12/30/2010 0912
680-64462-6	Equipment Blank	Water	12/29/2010 1500	12/30/2010 0912
680-64462-7	Trip Blank	Water	12/29/2010 0000	12/30/2010 0912

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ITW-1**

Lab Sample ID: 680-64462-1 Date Sampled: 12/29/2010 0945
Client Matrix: Water Date Received: 12/30/2010 0912

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190628		Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	o0082.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1640			Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1640				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	111		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ESE-002**

Lab Sample ID: 680-64462-2 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190628	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0083.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1701		Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1701			

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Duplicate**

Lab Sample ID: 680-64462-3 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190628	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0084.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1722		Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1722			

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-17E**

Lab Sample ID: 680-64462-4 Date Sampled: 12/29/2010 1430
Client Matrix: Water Date Received: 12/30/2010 0912

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190628	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0085.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1743		Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1743			

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Benzene	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
2-Hexanone	<10		10
Methylene Chloride	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<10		10
Styrene	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	2.9		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-18E**

Lab Sample ID: 680-64462-5 Date Sampled: 12/29/2010 1600
Client Matrix: Water Date Received: 12/30/2010 0912

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190628	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0086.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1803		Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1803			

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-64462-6 Date Sampled: 12/29/2010 1500
Client Matrix: Water Date Received: 12/30/2010 0912

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190628	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0080.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	01/04/2011 1559		Final Weight/Volume: 5 mL
Date Prepared:	01/04/2011 1559		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-64462-7 Date Sampled: 12/29/2010 0000
Client Matrix: Water Date Received: 12/30/2010 0912

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-190628	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0081.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1620		Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1620			

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	98		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8 (Surr)	104		70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ITW-1**

Lab Sample ID: 680-64462-1 Date Sampled: 12/29/2010 0945
Client Matrix: Water Date Received: 12/30/2010 0912

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191066		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	g5090.d
Dilution:	1.0			Initial Weight/Volume:	988 mL
Date Analyzed:	01/07/2011 1858			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<51		51

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	61		25 - 130
2-Fluorophenol	65		25 - 130
2,4,6-Tribromophenol	74		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ESE-002**

Lab Sample ID: 680-64462-2 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191066		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	g5091.d
Dilution:	1.0			Initial Weight/Volume:	974 mL
Date Analyzed:	01/07/2011 1926			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<51		51

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	65		25 - 130
2-Fluorophenol	67		25 - 130
2,4,6-Tribromophenol	77		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Duplicate**

Lab Sample ID: 680-64462-3 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191066		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	g5092.d
Dilution:	1.0			Initial Weight/Volume:	988 mL
Date Analyzed:	01/07/2011 1954			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<51		51

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	67		25 - 130
2-Fluorophenol	72		25 - 130
2,4,6-Tribromophenol	75		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-17E**

Lab Sample ID: 680-64462-4 Date Sampled: 12/29/2010 1430
Client Matrix: Water Date Received: 12/30/2010 0912

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191066		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	g5093.d
Dilution:	1.0			Initial Weight/Volume:	1038 mL
Date Analyzed:	01/07/2011 2023			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.6		9.6
2,4-Dimethylphenol	13		9.6
Pentachlorophenol	<48		48

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	67		25 - 130
2-Fluorophenol	68		25 - 130
2,4,6-Tribromophenol	86		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-18E**

Lab Sample ID: 680-64462-5 Date Sampled: 12/29/2010 1600
Client Matrix: Water Date Received: 12/30/2010 0912

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191130		Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	n0728.d
Dilution:	1.0			Initial Weight/Volume:	969 mL
Date Analyzed:	01/10/2011 1450			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<52		52

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	53		25 - 130
2-Fluorophenol	70		25 - 130
2,4,6-Tribromophenol	106		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-64462-6 Date Sampled: 12/29/2010 1500
Client Matrix: Water Date Received: 12/30/2010 0912

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-191066		Instrument ID:	MSG
Preparation:	3520C	Prep Batch: 680-190550		Lab File ID:	g5095.d
Dilution:	1.0			Initial Weight/Volume:	1016 mL
Date Analyzed:	01/07/2011 2119			Final Weight/Volume:	1 mL
Date Prepared:	01/04/2011 1448			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.8		9.8
2,4-Dimethylphenol	<9.8		9.8
Pentachlorophenol	<49		49

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	62		25 - 130
2-Fluorophenol	65		25 - 130
2,4,6-Tribromophenol	73		31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ITW-1**

Lab Sample ID: 680-64462-1 Date Sampled: 12/29/2010 0945
Client Matrix: Water Date Received: 12/30/2010 0912

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/04/2011 2051			Injection Volume:	
Date Prepared:	01/03/2011 0858			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.98		0.98
Acenaphthylene	<0.98		0.98
Anthracene	<0.98		0.98
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<0.98		0.98
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.98		0.98
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.98		0.98
Fluorene	<0.98		0.98
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.98		0.98
2-Methylnaphthalene	<0.98		0.98
Naphthalene	<0.98		0.98
Phenanthrene	<0.98		0.98
Pyrene	<0.98		0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	93		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ESE-002**

Lab Sample ID: 680-64462-2 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/04/2011 2125			Injection Volume:	
Date Prepared:	01/03/2011 0858			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	6.7	p	0.98
Acenaphthylene	<0.98		0.98
Anthracene	2.2	p	0.98
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<0.98		0.98
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.98		0.98
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	8.3	p	0.98
Fluorene	2.5		0.98
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	2.1		0.98
2-Methylnaphthalene	1.7	p	0.98
Naphthalene	3.2		0.98
Phenanthrene	15		0.98
Pyrene	4.4		0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	99		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Duplicate**

Lab Sample ID: 680-64462-3 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/04/2011 2159			Injection Volume:	
Date Prepared:	01/03/2011 0858			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	7.8	p	0.97
Acenaphthylene	<0.97		0.97
Anthracene	2.6	p	0.97
Benzo[a]anthracene	<0.19		0.19
Benzo[a]pyrene	<0.19		0.19
Benzo[b]fluoranthene	<0.19		0.19
Benzo[g,h,i]perylene	<0.97		0.97
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.97		0.97
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	9.3	p	0.97
Fluorene	3.3		0.97
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	1.3	p	0.97
2-Methylnaphthalene	1.8	p	0.97
Naphthalene	3.8		0.97
Phenanthrene	16		0.97
Pyrene	7.9		0.97

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	115		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-17E**

Lab Sample ID: 680-64462-4 Date Sampled: 12/29/2010 1430
Client Matrix: Water Date Received: 12/30/2010 0912

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1070 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/04/2011 2233			Injection Volume:	
Date Prepared:	01/03/2011 0858			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.93		0.93
Acenaphthylene	<0.93		0.93
Anthracene	<0.93		0.93
Benzo[a]anthracene	<0.19		0.19
Benzo[a]pyrene	<0.19		0.19
Benzo[b]fluoranthene	<0.19		0.19
Benzo[g,h,i]perylene	<0.93		0.93
Benzo[k]fluoranthene	<0.47		0.47
Chrysene	<0.93		0.93
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	<0.93		0.93
Fluorene	<0.93		0.93
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	<0.93		0.93
2-Methylnaphthalene	<0.93		0.93
Naphthalene	<0.93		0.93
Phenanthrene	<0.93		0.93
Pyrene	<0.93		0.93

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	100		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-18E**

Lab Sample ID: 680-64462-5 Date Sampled: 12/29/2010 1600
Client Matrix: Water Date Received: 12/30/2010 0912

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	1020 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/04/2011 2306			Injection Volume:	
Date Prepared:	01/03/2011 0858			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.98		0.98
Acenaphthylene	<0.98		0.98
Anthracene	<0.98		0.98
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<0.98		0.98
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.98		0.98
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.98		0.98
Fluorene	<0.98		0.98
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.98		0.98
2-Methylnaphthalene	<0.98		0.98
Naphthalene	<0.98		0.98
Phenanthrene	<0.98		0.98
Pyrene	<0.98		0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	98		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-64462-6 Date Sampled: 12/29/2010 1500
Client Matrix: Water Date Received: 12/30/2010 0912

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-123821		Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-123607		Initial Weight/Volume:	940 mL
Dilution:	1.0			Final Weight/Volume:	1.0 mL
Date Analyzed:	01/04/2011 2340			Injection Volume:	
Date Prepared:	01/03/2011 0858			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<1.1		1.1
Acenaphthylene	<1.1		1.1
Anthracene	<1.1		1.1
Benzo[a]anthracene	<0.21		0.21
Benzo[a]pyrene	<0.21		0.21
Benzo[b]fluoranthene	<0.21		0.21
Benzo[g,h,i]perylene	<1.1		1.1
Benzo[k]fluoranthene	<0.53		0.53
Chrysene	<1.1		1.1
Dibenz(a,h)anthracene	<0.21		0.21
Fluoranthene	<1.1		1.1
Fluorene	<1.1		1.1
Indeno[1,2,3-cd]pyrene	<0.21		0.21
1-Methylnaphthalene	<1.1		1.1
2-Methylnaphthalene	<1.1		1.1
Naphthalene	<1.1		1.1
Phenanthrene	<1.1		1.1
Pyrene	<1.1		1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	106		37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ITW-1**

Lab Sample ID: 680-64462-1 Date Sampled: 12/29/2010 0945
Client Matrix: Water Date Received: 12/30/2010 0912

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 1935			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **ESE-002**

Lab Sample ID: 680-64462-2 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 1940			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Duplicate**

Lab Sample ID: 680-64462-3 Date Sampled: 12/29/2010 1140
Client Matrix: Water Date Received: 12/30/2010 0912

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 1945			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-17E**

Lab Sample ID: 680-64462-4 Date Sampled: 12/29/2010 1430
Client Matrix: Water Date Received: 12/30/2010 0912

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 1950			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **WMW-18E**

Lab Sample ID: 680-64462-5 Date Sampled: 12/29/2010 1600
Client Matrix: Water Date Received: 12/30/2010 0912

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 1955			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-64462-6 Date Sampled: 12/29/2010 1500
Client Matrix: Water Date Received: 12/30/2010 0912

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-190767		Instrument ID:	ICPD
Preparation:	3005A	Prep Batch: 680-190486		Lab File ID:	sledd3ew1e5v2.chr
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/04/2011 2000			Final Weight/Volume:	50 mL
Date Prepared:	01/03/2011 1214				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	<10		10

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Lab Section	Qualifier	Description
HPLC/IC		
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Method Blank - Batch: 680-190628

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-190628/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1354
Date Prepared: 01/04/2011 1354

Analysis Batch: 680-190628
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq064.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Benzene	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
2-Hexanone	<10		10
Methylene Chloride	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<10		10
Styrene	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	70 - 130
Dibromofluoromethane	109	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-190628

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-190628/5	Analysis Batch:	680-190628	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq060.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1231			Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1231				

LCSD Lab Sample ID:	LCSD 680-190628/6	Analysis Batch:	680-190628	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq061.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1252			Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1252				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acetone	110	104	26 - 180	6	50		
Benzene	101	99	70 - 130	2	30		
Bromoform	109	109	70 - 130	1	30		
Bromomethane	104	109	23 - 165	4	50		
2-Butanone (MEK)	103	104	49 - 172	0	30		
Carbon disulfide	106	108	54 - 132	1	30		
Carbon tetrachloride	106	106	70 - 130	1	30		
Chlorobenzene	99	101	70 - 130	1	30		
Chlorodibromomethane	108	109	70 - 130	1	50		
Chloroethane	113	118	56 - 152	4	40		
Chloroform	108	108	70 - 130	0	30		
Chloromethane	107	106	70 - 130	2	30		
cis-1,2-Dichloroethene	107	110	70 - 130	2	30		
cis-1,3-Dichloropropene	108	107	70 - 130	0	30		
Dichlorobromomethane	106	105	70 - 130	0	30		
1,1-Dichloroethane	106	108	70 - 130	2	30		
1,2-Dichloroethane	100	98	70 - 130	2	30		
1,1-Dichloroethene	109	110	66 - 131	1	30		
1,2-Dichloropropane	99	100	70 - 130	1	30		
Ethylbenzene	101	101	70 - 130	1	30		
2-Hexanone	100	99	42 - 185	1	30		
Methylene Chloride	109	110	67 - 130	0	30		
4-Methyl-2-pentanone (MIBK)	99	97	70 - 130	2	30		
Styrene	101	100	70 - 130	1	30		
1,1,2,2-Tetrachloroethane	100	101	70 - 130	1	30		
Tetrachloroethene	105	106	70 - 130	1	30		
Toluene	104	104	70 - 130	0	30		
trans-1,2-Dichloroethene	106	111	70 - 130	4	30		
trans-1,3-Dichloropropene	109	108	70 - 130	0	50		
1,1,1-Trichloroethane	106	105	70 - 130	1	30		
1,1,2-Trichloroethane	100	98	70 - 130	2	30		
Trichloroethene	104	104	70 - 130	0	30		
Vinyl chloride	110	111	67 - 134	0	30		

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-190628

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-190628/5	Analysis Batch:	680-190628	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq060.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1231			Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1231				

LCSD Lab Sample ID:	LCSD 680-190628/6	Analysis Batch:	680-190628	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq061.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	01/04/2011 1252			Final Weight/Volume:	5 mL
Date Prepared:	01/04/2011 1252				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Xylenes, Total	101	102	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	100	101	70 - 130
Dibromofluoromethane	111	114	70 - 130
Toluene-d8 (Surr)	101	101	70 - 130

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Method Blank - Batch: 680-190550

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-190550/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 1734
Date Prepared: 01/04/2011 1448

Analysis Batch: 680-191066
Prep Batch: 680-190550
Units: ug/L

Instrument ID: MSG
Lab File ID: g5087.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<50		50

Surrogate	% Rec	Acceptance Limits
Phenol-d5	70	25 - 130
2-Fluorophenol	67	25 - 130
2,4,6-Tribromophenol	82	31 - 141

Lab Control Sample - Batch: 680-190550

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-190550/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 1802
Date Prepared: 01/04/2011 1448

Analysis Batch: 680-191066
Prep Batch: 680-190550
Units: ug/L

Instrument ID: MSG
Lab File ID: g5088.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	100	77.2	77	29 - 130	
2,4-Dimethylphenol	100	66.3	66	40 - 130	
Pentachlorophenol	100	81.3	81	42 - 138	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	74	25 - 130
2-Fluorophenol	71	25 - 130
2,4,6-Tribromophenol	81	31 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Method Blank - Batch: 400-123607

Method: 8310
Preparation: 3520C

Lab Sample ID: MB 400-123607/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1803
Date Prepared: 01/03/2011 0858

Analysis Batch: 400-123821
Prep Batch: 400-123607
Units: ug/L

Instrument ID: WIGGLE
Lab File ID: 003-0301.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Acenaphthene	<1.0		1.0
Acenaphthylene	<1.0		1.0
Anthracene	<1.0		1.0
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<1.0		1.0
Benzo[k]fluoranthene	<0.50		0.50
Chrysene	<1.0		1.0
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<1.0		1.0
Fluorene	<1.0		1.0
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<1.0		1.0
2-Methylnaphthalene	<1.0		1.0
Naphthalene	<1.0		1.0
Phenanthrene	<1.0		1.0
Pyrene	<1.0		1.0

Surrogate	% Rec	Acceptance Limits
2-Chloroanthracene	103	37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Lab Control Sample - Batch: 400-123607

Method: 8310
Preparation: 3520C

Lab Sample ID: LCS 400-123607/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1837
Date Prepared: 01/03/2011 0858

Analysis Batch: 400-123821
Prep Batch: 400-123607
Units: ug/L

Instrument ID: WIGGLE
Lab File ID: 004-0401.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	10.0	9.31	93	45 - 114	
Acenaphthylene	10.0	8.46	85	49 - 99	
Anthracene	10.0	6.02	60	59 - 114	
Benzo[a]anthracene	10.0	8.97	90	58 - 110	
Benzo[a]pyrene	10.0	7.19	72	41 - 100	
Benzo[b]fluoranthene	10.0	7.74	77	44 - 102	
Benzo[g,h,i]perylene	10.0	4.95	50	14 - 96	
Benzo[k]fluoranthene	10.0	6.90	69	35 - 102	
Chrysene	10.0	9.48	95	58 - 121	
Dibenz(a,h)anthracene	10.0	4.44	44	13 - 102	
Fluoranthene	10.0	9.53	95	56 - 135	
Fluorene	10.0	8.88	89	50 - 101	
Indeno[1,2,3-cd]pyrene	10.0	5.64	56	33 - 103	
1-Methylnaphthalene	10.0	8.40	84	34 - 110	
2-Methylnaphthalene	10.0	8.11	81	30 - 112	
Naphthalene	10.0	7.39	74	15 - 137	
Phenanthrene	10.0	10.5	105	57 - 116	
Pyrene	10.0	10.6	106	62 - 117	

Surrogate	% Rec	Acceptance Limits
2-Chloroanthracene	106	37 - 141

Client: Weston Solutions, Inc. Job Number: 680-64462-1

Method Blank - Batch: 680-190486

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-190486/19-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1845
Date Prepared: 01/03/2011 1214

Analysis Batch: 680-190767
Prep Batch: 680-190486
Units: ug/L

Instrument ID: ICPD
Lab File ID: sledd3ew1e5v2.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Arsenic	<20		20
Chromium	<10		10

Lab Control Sample - Batch: 680-190486

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-190486/20-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2011 1850
Date Prepared: 01/03/2011 1214

Analysis Batch: 680-190767
Prep Batch: 680-190486
Units: ug/L

Instrument ID: ICPD
Lab File ID: sledd3ew1e5v2.chr
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1900	95	75 - 125	
Chromium	200	195	98	75 - 125	

Serial Number 036053

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

(X) TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
CCDOT	05191.010.001	FL
TAL (LAB) PROJECT MANAGER: Abbie Vant	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Mark Taylor	CLIENT PHONE	CLIENT FAX
CLIENT NAME: WESTON	CLIENT E-MAIL	
CLIENT ADDRESS: 94072 Summerfield Dr. Dr. Fernandina Beach, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

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

REQUIRED ANALYSIS: PAHs 8310; Select Metals 6020; Metals 6010B; PRESERVATIVE

PAGE 1 OF 1

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX	NUMBER OF CONTAINERS SUBMITTED	REMARKS
12-24-10	09:45	ITW-1	G W	3 2 2 1	
12-29-10	11:40	ESE-002	G W	3 2 2 1	
12-29-10	11:40	Duplicate	G W	3 2 2 1	
12-29-10	14:30	WMW-17E		3 2 2 1	
12-29-10	16:00	WMW-18E		3 2 2 1	
12-29-10	15:00	Equipment Blank		3 2 2 1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12-29-10	17:30						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
m. Lockett	12/30/10	09:12	YES ( ) NO ( )	680-64462		2.2, 2.0, 1.8, 2.2

TAL 8240-680 (1008)

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-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	*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	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	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	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	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	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	*
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	*
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	Dry	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	Dry	*
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	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	1,310
ITW-2	Fluoranthene	ND	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	Dry	*
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	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	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	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	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	*
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	*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	ND	ND	ND	ND	260	280	700	*
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**	**1**
ITW-13	2 Butanone (MEK)											NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	160	140	340	*
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	*
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	*
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	ND	ND	ND	ND	46	46	61	*
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	ND	ND	ND	ND	ND	23	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	*
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	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	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	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	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	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	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**	**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	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	**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	*
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	*
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**	**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	*
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	*
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	*
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	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	*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	*
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**	**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	*
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	*
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	*
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	*
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	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**	**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	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	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	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	PAH
ITW-14	Benzo (g,h,i) perylene	ND	ND	ND	ND	8.1	3.8	ND	ND	ND	ND	ND	11.0	10.0	2.3	12.0	ND	ND	3.6	**300	ND	ND	ND	ND	ND	ND	ND	220.0	ND	ND	11.0	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	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	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	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	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	*
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	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**	**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**	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	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	*
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	*
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**	**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	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	*
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	*
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	*
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	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	*100
WMW-17E	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	1
WMW-17E	Ethylbenzene	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	*
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	*
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	260

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-11	ROD cleanup goal
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	130
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	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	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	1.2	ND	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	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	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	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	*
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	*
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	ND	13	*
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	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	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	ND	46	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	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	*
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	*
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	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	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	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	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	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	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	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	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	*
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	*
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	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	*
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	*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	50
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	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	*
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	*
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	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	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	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	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	*
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	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
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	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	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	*
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	*
ESE-002	Napththalene													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	
ESE-002	Phenanthrene													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	
ESE-002	Pyrene													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	
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	**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	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	*
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	*100
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	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	*
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	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	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	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	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	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	*
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	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	*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	
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**	**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	
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	*
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	*
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	*
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	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	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	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	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	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	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	*
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	*
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	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	**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	*

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-11	ROD cleanup goal
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	*
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	NS	*
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	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	*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.