Weston Solutions, Inc.
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5430 Metric Place
Norcross, GA 30092
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July 29, 2009

Mr. Scott Miller
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Work Order No. 05791.009.001.0001

Re: Submittal of Second Quarter 2009 Groundwater Sampling Results
Former Cabot Carbon Site, Gainesville, Florida

Dear Mr. Miller:

Enclosed is the above referenced report for your files. As instructed, this report is being submitted electronically in Adobe® Portable Document Format (PDF). If you have any questions, please call me at (770) 325-7938.

The third quarter 2009 sampling event will occur in September 2009.

Sincerely,

WESTON SOLUTIONS, INC.

Ralph P. McKeen, P.E.
Project Manager

WRM/smo

cc: W. Reiber (Cabot)
K. Helton (FDEP)
J. Mousa (Alachua County)

RESULTS OF QUARTERLY GROUNDWATER SAMPLING CONDUCTED June 17, 2009, FOR SECOND QUARTER, 2009

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

Prepared for:

Cabot Corporation
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July 2009

WESTON WORK ORDER NO. 05791.009.001.0001

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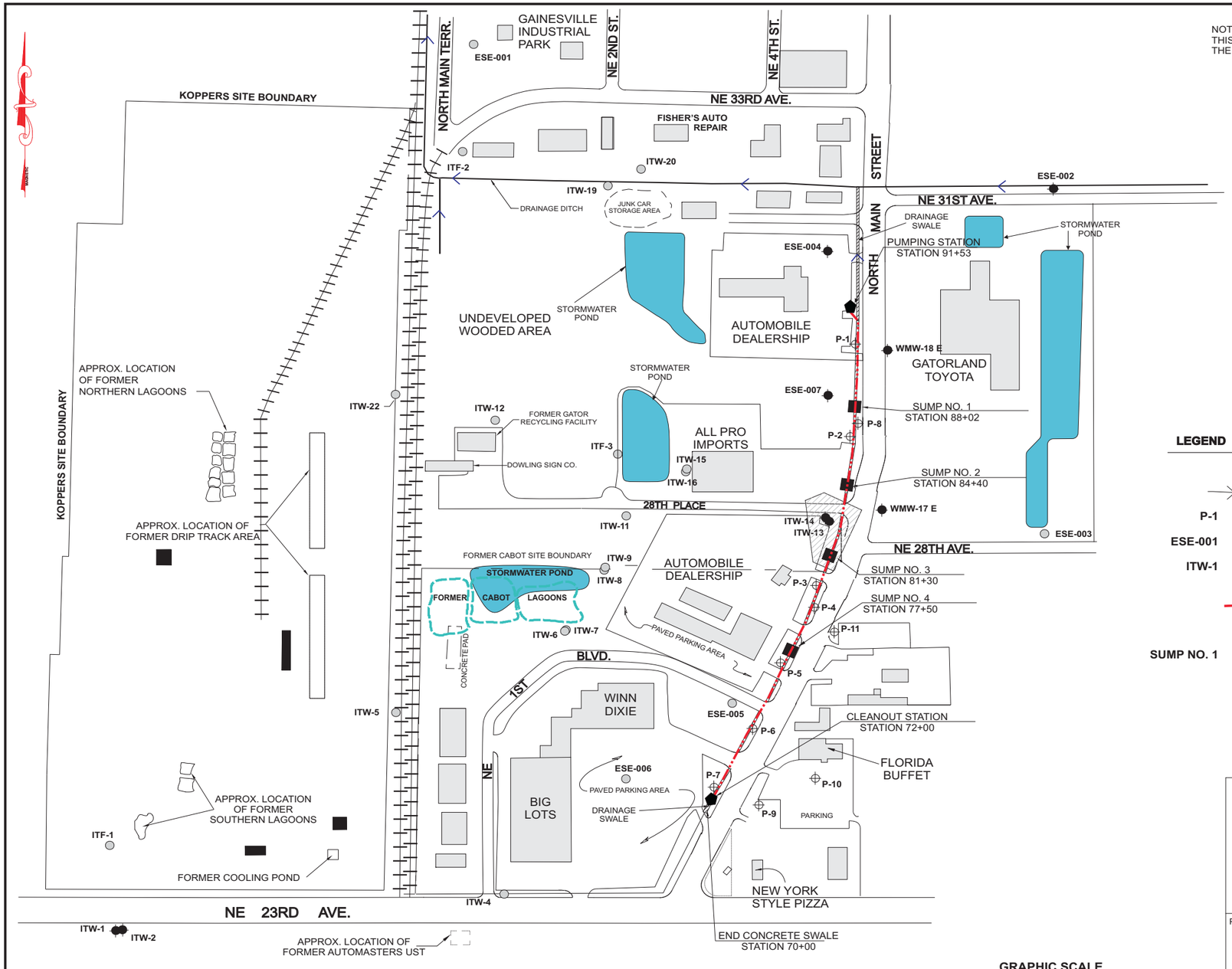
SECTION 1

BACKGROUND

The purpose of the second quarter 2009 sampling conducted by Weston Solutions, Inc., (WESTON®) is to evaluate the effectiveness of the groundwater collection system that has been installed along the border of the eastern portion of the Cabot Carbon/Koppers Superfund Site (Eastern Site) (Figure 1-1). The current post-remedial groundwater monitoring program for the Eastern Site includes sampling the following wells on a quarterly basis: ITW-13, ITW-14, WMW-17E, WMW-18E, ESE-002, ESE-004, ESE-007, and up-gradient monitoring wells ITW-1 and ITW-2. This report summarizes the results of the second quarter 2009 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 Solutions, Inc. on June 17, 2009. The subject samples were analyzed for the parameters listed in Table 2-1. Physical parameter readings (e.g., specific conductance and temperature) measured during well sampling is provided in Appendix A of this report.

Chromium concentrations that have been periodically detected in samples from a few of the surficial aquifer monitoring wells are likely attributable to sediment in the samples, rather than actual chromium dissolved in the groundwater. For this reason, following the well purge and collection of samples for volatile organics, phenol, pentachlorophenol (PCP), and polynuclear aromatic hydrocarbons (PAHs) analyses, the sediment in the well was allowed time to settle prior to collection of the samples for metals analyses. This settling period did not exceed 24 hours for any well sampled.

Table 2-1

Monitoring Wells Sampled and Corresponding Analytical Parameters,
Second Quarter 2009

Groundwater			
Aquifer	**Wells Sampled**	**Parameters**	**Analytical Method**
Surficial	ITW-1, ITW-2, ESE-002, ESE-004, ESE-007, ITW-13, ITW-14, WMW-17E, and WMW-18E	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) Pentachlorophenol (PCP)	8270C
		Arsenic Chromium	6010
		Benzene Ethyl benzene Toluene, & Xylene (BETX) Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane Trans-1,2-Dichloroethene Chloroform 1,2-Dichloroethane 2-Butanone (MEK) 1,1,1-Trichloroethane Carbon Tetrachloride Dichlorobromomethane 1,1,2,2-Tetrachloroethane 1,2-Dichloropropane Trichloroethene Chlorodibromomethane 1,1,2-Trichloroethane Cis-1,3-Dichloropropene Bromoform 2-Hexanone 4-Methyl-2-pentanone (MIBK) Tetrachloroethene Chlorobenzene Styrene	SW 846 8260B

SECTION 3

WATER LEVEL MEASUREMENTS

To assist in evaluating the interceptor trench's effectiveness, water level measurements were collected on June 15, 2009, from 26 Eastern Site monitoring wells, 4 piezometers, and 4 sumps along the interceptor trench. Monitor wells/piezometer ITW-3, ITW-10, ITW-21, and P-1 were abandoned historically. Car dealership construction activities around surficial aquifer monitor wells ITW-15, ITW-16, and piezometer P8 have been completed and the wells/piezometer has been reconstructed with flush mounts/minor stickup surface completions. The wells/piezometer will be resurveyed to obtain corrected well casing elevations for precise water level elevation data. All other wells installed at the site are in good condition and, with the exception of abandoned monitor wells ITW-3, ITW-10, ITW-12, ITW-21, and piezometer P-1 are included in the water level measurements normally taken at the site. These wells are not included in the determination of the potentiometric surface.

Historically, wells ITW-17 and ITW-18 were replaced by WMW-17E and WMW-18E. A new car dealership (Gatorland Toyota) was developed in 2007 east of North Main Street in the vicinity of monitor wells WMW-17E and WMW-18E. The site development activities included raising this once low area to match the roadway elevations of North Main Street. Consequently, WMW-17E and WMW-18E were extended and a new concrete pad, bollards, and protective casing installed in February 2007. The top of casing elevations used for this sampling event were measured from the site development surveyed existing grade elevations. These wells are planned to be re-surveyed along with reconstructed wells/piezometer ITW-15, ITW-16, and P-8.

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 15, 2009.

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). Based on the June 2009 groundwater elevation data, the average hydraulic gradient in the southern portion of the Eastern Site is calculated to be approximately 5.10×10^{-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 9.44×10^{-3} ft/ft. Groundwater elevations indicate that the interceptor trench maintains effective control of the groundwater in the upper surficial aquifer. For example, groundwater in the area of well WMW-18E continues to flow west towards the interceptor trench (see Figure 3-1).

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

3.2 INTERMEDIATE AQUIFER

Based on groundwater elevations from the three intermediate aquifer wells, the groundwater flow direction in this aquifer continues to be generally toward the northeast. A downward hydraulic gradient continues to be present between the surficial and intermediate aquifers. On June 15, 2009, a head difference of approximately 33.8 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
June 2009 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]	June 15, 2009 Field Measured Water Depth Below Top of Casing (Feet)[2]	Groundwater Elevation Feet (MSL)	Depth of Screened Interval[4]
ITW-1	188.47	9.24	179.23	15.50 - 25.50
ITW-2	187.48	8.29	179.19	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	11.75	176.07	5.00 - 15.00
ITW-5	185.34	9.42	175.92	19.00 - 24.00
ITW-6	183.10	10.20	172.90	18.50 - 28.50
ITW-7[5]	182.97	10.14	172.83	8.50 - 18.50
ITW-8	180.81	8.01	172.80	18.50 - 28.50
ITW-9	180.30	8.10	172.20	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	8.14	172.77	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	10.21	163.93	23.00 - 33.00
ITW-14[6]	174.80	Approx. 0.2 foot product	Not Measured	5.00 - 15.00
ITW-15[7]	179.30	6.66	Top of Casing Elev. Changed	20.00 - 30.00
ITW-16[7]	178.86	5.97	Top of Casing Elev. Changed	12.50 - 22.50
ITW-19	169.74	9.31	160.43	11.00 - 31.00
ITW-20	169.77	10.11	159.66	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	8.60	170.01	3.00 - 13.00
ESE-001	162.05	8.50	153.55	6.50 - 21.20
ESE-002	169.08	7.23	161.85	8.00 - 23.00
ESE-003	171.86	6.02	165.84	9.00 - 29.00
ESE-004[5]	166.69	8.25	158.44	6.50 - 21.50
ESE-005	178.23	9.71	168.52	9.50 - 29.50
ESE-006	180.39	8.08	172.31	7.50 - 27.50
ESE-007	168.42	2.02	166.40	7.50 - 22.50
WMW-17E[5]	175.50	8.81	166.69	9.00 - 29.00
WMW-18E	172.69	8.62	164.07	9.00 - 29.00
ITF-1	186.63	21.88	164.75	69.00 - 79.00
ITF-2	168.95	37.42	131.53	71.00 - 81.00
ITF-3	176.89	37.99	138.90	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	#VALUE!	5.18 - 10.18
P-3	171.05	5.49	165.56	5.00 - 10.00
P-4	172.26	6.40	165.86	5.00 - 10.00
P-5	173.20	DRY	#VALUE!	6.65 - 11.65
P-6	177.07	DRY	#VALUE!	7.50 - 12.50
P-7	179.24	10.30	168.94	7.50 - 12.50
P-8[7]	168.44	could not find	Top of Casing Elev. Changed	5.00 - 10.00
P-9	181.35	could not find	Not Measured	10.00 - 15.00
P-10	180.23	10.50	169.73	10.00 - 15.00
P-11	173.35	could not find	Not Measured	10.00 - 15.00
Sump No. 1	168.95	6.82	162.13	Sump
Sump No. 2	169.80	6.14	163.66	Sump
Sump No. 3	170.94	6.56	164.38	Sump
Sump No. 4	173.27	7.61	165.66	Sump

Notes: 1. Depths to water measured on June 15, 2009.

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.

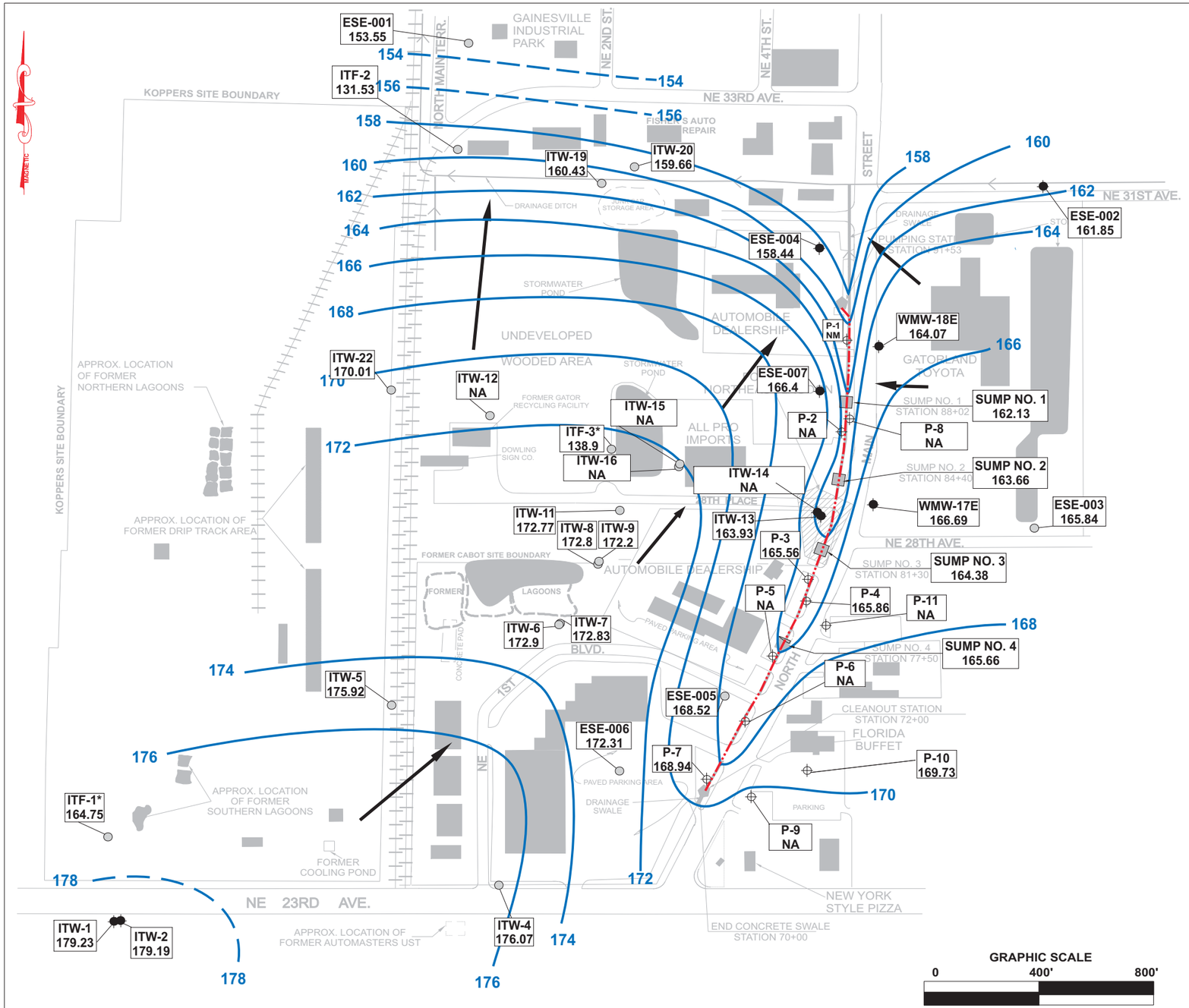
5. Wells ITW-7, ITW-21, ITW-22, ESE-004, and WMW-17E were repaired and resurveyed in July 2000.

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, and piezometer P-8 were cut off to grade in September 2007 and reconstructed as flush mount wells. Wells have not been resurveyed.

Land around wells WMW-17E and WMW-18E was raised in late 2006. Wells were raised approximately 3 feet.

All elevations associated with WMW-17E and WMW-18E are approximate until wells are resurveyed.



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 2009 sampling event, product thickness in ITW-14 was measured at approximately 0.2 foot thick.

Construction activities have been completed in the area of wells ITW-15, ITW-16, and piezometer P-8. Water levels have been taken; however, the top of casings have been altered and they will be resurveyed to obtain accurate water elevation data.

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
JUNE 15, 2009
FIGURE 3-1

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: June-09 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 on June 17, 2009 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 data is provided in Appendix D. Discussion of the second quarter 2009 sampling results is provided below.

Neither arsenic nor chromium was detected in any well during the June 2009 sampling event. Historically, highly variable concentrations of arsenic and chromium have been reported for various wells for preceding quarters. These concentrations can ostensibly be attributed to turbidity in the wells.

Benzene concentrations exceeded the ROD cleanup goals of 1 µg/L in groundwater samples collected from ITW-13 (88 µg/L), ITW-14 (41 µg/L), and ESE-007 (2.8 µg/L). Naphthalene in ITW-13 (24 µg/L) and ITW-14 (110 µg/L) exceeded the ROD cleanup goal of 18 µg/L. Acenaphthylene concentrations exceeded the ROD cleanup goal of 130 µg/L in ITW-14 (140 µg/L). Phenol concentrations exceeded the ROD cleanup goal of 2,630 µg/L in ITW-13 (7,500 µg/L).

Total combined potentially carcinogenic PAH's were detected in ITW-14 this quarter at 30 ug/L. The ROD cleanup goal is 0.003 µg/L for the combination of all potentially carcinogenic PAH's. Approximately 0.2 foot of free product was observed in monitoring well ITW-14 during the March 2009 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
June 17, 2009

Well Designation/ Screened Interval (feet)	Parameter	Results (µg/L)	RL (µg/L)	ROD Cleanup Goal (µg/L)
ITW-13 / 23-33	Benzene	88	5	1
	Naphthalene	24	9.9	18
	Phenol	7,500	970	2,630
ITW-14 / 5-15	Benzene	41	5	1
	Acenaphthylene	140	9.9	130
	Naphthalene	110	9.9	18
	PAHs*	30	2	0.003
ESE-007 / 7.5-22.5	Benzene	2.8	1	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.

SECTION 5

FINDINGS

Based on the groundwater analytical data collected at the Eastern Site during the second quarter 2009 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, with the exceptions noted previously in Section 4.

The next quarterly groundwater-sampling event for the Eastern Site will occur about the third week of September 2009. The wells to be sampled in the third quarter 2009 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
Purge - March 24, 2009
Sample - March 25, 2009

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	Purge; 06/16/09	1830	1.5	22.56	4.85	123	0.55	0.80		
ITW-1	Purge; 06/16/09	1840	3.0	22.53	4.89	155	0.58	0.80		
ITW-1	Purge; 06/16/09	1850	5.0	22.60	4.89	156	0.60	0.80		
ITW-1	Purge; 06/16/09	1900	7.0	22.59	4.88	155	0.64	0.45		
ITW-1	Sample; 06/17/09	1645	0.3	22.48	4.87	148	0.60	0.62	NO	NO
ITW-2	Purge; 06/16/09	1745	1.5	22.47	5.01	188	0.74	2.6		
ITW-2	Purge; 06/16/09	1800	3.0	22.47	5.04	186	0.57	1.2		
ITW-2	Purge; 06/16/09	1810	5.0	22.42	5.03	186	0.54	1.1		
ITW-2	Sample; 06/17/09	1645	0.3	22.47	5.03	188	0.64	1.25	NO	NO
ESE-002	Purge; 06/17/09	0830	2.5	24.02	5.54	73	0.32	20.0		
ESE-002	Purge; 06/17/09	0850	4.5	24.12	5.50	74	0.27	20.0		
ESE-002	Purge; 06/17/09	0910	7.0	24.09	5.48	75	0.31	20.0		
ESE-002	Purge; 06/17/09	0925	8.5	24.01	5.47	75	0.31	20.0		
ESE-002	Sample; 06/17/09	1535	0.2	24.06	5.52	73	0.32	20.00	QUIPMENT BLAN	NO
ESE-004	Purge; 06/17/09	1310	4.0	25.28	5.37	389	2.26	0.85		
ESE-004	Purge; 06/17/09	1330	8.0	25.33	5.36	380	2.73	0.75		
ESE-004	Sample; 03/25/09	1915	0.2	25.30	5.36	385	2.46	0.76	DUP @ 1945	
ESE-007	Purge; 06/16/09	1445	1.0	22.67	5.50	478	-0.02	10.0		
ESE-007	Purge; 06/16/09	1510	1.5	21.44	5.41	481	-4.10	7.2		
ESE-007	Purge; 06/16/09	1530	4.0	21.26	5.35	472	0.00	10.0		
ESE-007	Purge; 06/16/09	1555	8.0	21.38	5.38	481	3.71	16		
ESE-007	Purge; 06/16/09	1615	11.0	21.32	5.44	483	5.36	5.50	Water is foamy	NO
ESE-007	Sample; 06/17/09	1610	0.2	21.46	5.42	481	-2.86	7.6		
ITW-13	Purge; 06/16/09	1655	3.0	26.56	5.01	148	2.33	9.9		
ITW-13	Purge; 06/16/09	1705	6.0	25.59	4.93	158	6.09	8.7		
ITW-13	Purge; 06/16/09	1713	9.0	25.21	4.80	161	4.09	11.00		
ITW-13	Purge; 06/16/09	1719	11.0	25.23	4.77	174	4.69	17.00	FOAMY	
ITW-13	Sample; 06/17/09	1735	0.2	25.46	4.88	155	3.68	12.20		
ITW-14	Purge; 06/16/09	1640	5.0	Purge parameters not collected due to historical product in the well.					YES/Possible Tar	YES
ITW-14	Sample; 06/17/09	1735	NA	June 17, 2009, approximately 2 inches of product in bailer.						
WMW-17E	Purge; 06/17/09	0955	3.0	24.18	5.50	277	0.83	1.10		
WMW-17E	Purge; 06/17/09	1015	6.0	24.24	5.50	280	0.98	1.10		
WMW-17E	Purge; 06/17/09	1035	8.5	24.32	5.48	270	1.14	1.20		
WMW-17E	Purge; 06/17/09	1055	11.5	24.42	5.44	256	1.25	1.10		
WMW-17E	Purge; 06/17/09	1105	0.6	24.34	5.42	257	1.30	0.75	NO	NO
WMW-17E	Sample; 06/17/09	1835	0.2	24.22	5.46	273	0.99	1.00		
WMW-18E	Purge; 06/17/09	1135	3.0	24.77	5.24	311	1.58	4.90		
WMW-18E	Purge; 06/17/09	1155	6.0	24.91	5.19	319	1.82	4.90		
WMW-18E	Purge; 06/17/09	1210	8.5	24.93	5.13	319	1.94	6.6		
WMW-18E	Purge; 06/17/09	1225	11.0	25.00	5.10	316	2.02	3.7		
WMW-18E	Sample; 06/17/09	1840	0.2	24.88	5.19	314	1.72	5.20		

Notes: ^{0}C = 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: 680-48268-1

Job Description: Cabot

For:
Weston Solutions, Inc.
5430 Metric Place
Suite 100
Norcross, GA 30092

Attention: Mr. Ralph McKeen

Approved for release.
Kathryn Smith
Project Manager I
6/30/2009 5:22 PM

Designee for
Abbie Page
Project Manager I
abbie.page@testamericainc.com
06/30/2009

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 Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Narrative
680-J48268-1

Comments
No additional comments.

Receipt
All samples were received at the laboratory outside the required temperature criteria. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

The Chain-of-Custody (COC) was not properly filled out. COC requests 8260 BTEX & MTBE only. Per client request, run 8260 standard Target Compound List (TCL) of analytes for all volatiles samples.

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 140971 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8270C: The surrogate recovery on the Matrix spike duplicate is outside of control limits. The parent sample and the matrix spike are both within control limits. The data has been reported.

Method(s) 8270C: Sample ITW-13 (680-48268-3), ITW-14 (680-48268-4) was diluted due to abundance of target analytes. 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. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8310: The sample extract (dark color) was diluted before analysis in order to avoid any matrix effect on the instrument, for samples:ITW-13, ITW-14

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: 680-48268-1

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
PAHs (HPLC)	TAL PEN	SW846 8310	
Liquid-Liquid Extraction (Continuous)	TAL PEN		SW846 3520C
Metals (ICP)	TAL SAV	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL SAV		SW846 3005A

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: 680-48268-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-48268-1	ITW-1	Water	06/17/2009 1645	06/18/2009 1140
680-48268-2	ITW-2	Water	06/17/2009 1645	06/18/2009 1140
680-48268-3	ITW-13	Water	06/17/2009 1735	06/18/2009 1140
680-48268-4	ITW-14	Water	06/17/2009 1735	06/18/2009 1140
680-48268-5	ESE-002	Water	06/17/2009 1535	06/18/2009 1140
680-48268-6	ESE-004	Water	06/17/2009 1915	06/18/2009 1140
680-48268-7	ESE-007	Water	06/17/2009 1610	06/18/2009 1140
680-48268-8	WMW-17E	Water	06/17/2009 1835	06/18/2009 1140
680-48268-9	WMW-18E	Water	06/17/2009 1840	06/18/2009 1140
680-48268-10	Duplicate	Water	06/17/2009 1945	06/18/2009 1140
680-48268-11	Equipment Blank	Water	06/17/2009 1525	06/18/2009 1140
680-48268-12	TB-01	Water	06/17/2009 0000	06/18/2009 1140
680-48268-13	TB-02	Water	06/17/2009 0000	06/18/2009 1140

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-1

Lab Sample ID: 680-48268-1 Date Sampled: 06/17/2009 1645
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141200 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o9860.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1532 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1532

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	75 - 120
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	103	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-2

Lab Sample ID: 680-48268-2 Date Sampled: 06/17/2009 1645
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141200 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o9862.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1602 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1602

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene	94	75 - 120
Dibromofluoromethane	101	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-13

Lab Sample ID: 680-48268-3 Date Sampled: 06/17/2009 1735
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141200 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o9864.d
Dilution: 5.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1631 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1631

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<5.0		5.0
Bromomethane	<5.0		5.0
Vinyl chloride	<5.0		5.0
Chloroethane	<5.0		5.0
Methylene Chloride	<25		25
Acetone	490		120
Carbon disulfide	<10		10
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
Chloroform	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
2-Butanone (MEK)	270		50
1,1,1-Trichloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
Dichlorobromomethane	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Benzene	88		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	57		50
4-Methyl-2-pentanone (MIBK)	<50		50
Tetrachloroethene	<5.0		5.0
Toluene	330		5.0
Chlorobenzene	<5.0		5.0
Ethylbenzene	310		5.0
Styrene	<5.0		5.0
Xylenes, Total	180		10

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene	101	75 - 120
Dibromofluoromethane	96	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-14

Lab Sample ID: 680-48268-4 Date Sampled: 06/17/2009 1735
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141200 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o9866.d
Dilution: 5.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1700 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1700

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<5.0		5.0
Bromomethane	<5.0		5.0
Vinyl chloride	<5.0		5.0
Chloroethane	<5.0		5.0
Methylene Chloride	<25		25
Acetone	<120		120
Carbon disulfide	<10		10
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
Chloroform	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
2-Butanone (MEK)	<50		50
1,1,1-Trichloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
Dichlorobromomethane	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Benzene	41		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	<50		50
4-Methyl-2-pentanone (MIBK)	<50		50
Tetrachloroethene	<5.0		5.0
Toluene	580		5.0
Chlorobenzene	<5.0		5.0
Ethylbenzene	180		5.0
Styrene	20		5.0
Xylenes, Total	470		10

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	75 - 120
4-Bromofluorobenzene	99	75 - 120
Dibromofluoromethane	97	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-002

Lab Sample ID: 680-48268-5 Date Sampled: 06/17/2009 1535
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141200 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o9868.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1730 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1730

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	103	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-004

Lab Sample ID: 680-48268-6 Date Sampled: 06/17/2009 1915
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141266 Instrument ID: GC/MS Volatiles - O
Preparation: 5030B Lab File ID: o9878.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/24/2009 1106 Final Weight/Volume: 5 mL
Date Prepared: 06/24/2009 1106

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	75 - 120
4-Bromofluorobenzene	101	75 - 120
Dibromofluoromethane	97	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-007

Lab Sample ID: 680-48268-7 Date Sampled: 06/17/2009 1610
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141202 Instrument ID: GC/MS Volatiles - O
Preparation: 5030B Lab File ID: o9865.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1646 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1646

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	2.8		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	3.7		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	6.9		1.0
Styrene	<1.0		1.0
Xylenes, Total	9.1		2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	75 - 120
4-Bromofluorobenzene	104	75 - 120
Dibromofluoromethane	97	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-48268-8 Date Sampled: 06/17/2009 1835
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141202 Instrument ID: GC/MS Volatiles - O
Preparation: 5030B Lab File ID: o9867.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1715 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1715

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	75 - 120
4-Bromofluorobenzene	104	75 - 120
Dibromofluoromethane	98	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-48268-9 Date Sampled: 06/17/2009 1840
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141202 Instrument ID: GC/MS Volatiles - O
Preparation: 5030B Lab File ID: o9869.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1744 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1744

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	75 - 120
4-Bromofluorobenzene	105	75 - 120
Dibromofluoromethane	94	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: **Duplicate**

Lab Sample ID: 680-48268-10 Date Sampled: 06/17/2009 1945
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141200 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o9870.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1759 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1759

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene	93	75 - 120
Dibromofluoromethane	102	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-48268-11 Date Sampled: 06/17/2009 1525
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141235 Instrument ID: GC/MS Volatiles - A
Preparation: 5030B Lab File ID: a4189.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 1936 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 1936

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	75 - 120
4-Bromofluorobenzene	96	75 - 120
Dibromofluoromethane	96	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: TB-01

Lab Sample ID: 680-48268-12 Date Sampled: 06/17/2009 0000
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141235 Instrument ID: GC/MS Volatiles - A
Preparation: 5030B Lab File ID: a4191.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/23/2009 2005 Final Weight/Volume: 5 mL
Date Prepared: 06/23/2009 2005

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene	99	75 - 120
Dibromofluoromethane	95	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: TB-02

Lab Sample ID: 680-48268-13 Date Sampled: 06/17/2009 0000
Client Matrix: Water Date Received: 06/18/2009 1140

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-141266 Instrument ID: GC/MS Volatiles - O
Preparation: 5030B Lab File ID: o9877.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 06/24/2009 1046 Final Weight/Volume: 5 mL
Date Prepared: 06/24/2009 1046

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

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	75 - 120
4-Bromofluorobenzene	104	75 - 120
Dibromofluoromethane	97	75 - 121

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-1

Lab Sample ID: 680-48268-1 Date Sampled: 06/17/2009 1645
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141704	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-140971	Lab File ID: g5039.d
Dilution:	1.0		Initial Weight/Volume: 1030 mL
Date Analyzed:	06/30/2009 0443		Final Weight/Volume: 1 mL
Date Prepared:	06/22/2009 1321		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	77	38 - 116
2-Fluorophenol	79	36 - 110
2,4,6-Tribromophenol	76	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-2

Lab Sample ID: 680-48268-2 Date Sampled: 06/17/2009 1645
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method: 8270C Analysis Batch: 680-141704 Instrument ID: GC/MS SemiVolatiles - G
Preparation: 3520C Prep Batch: 680-140971 Lab File ID: g5042.d
Dilution: 1.0 Initial Weight/Volume: 1030 mL
Date Analyzed: 06/30/2009 0554 Final Weight/Volume: 1 mL
Date Prepared: 06/22/2009 1321 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	85	38 - 116
2-Fluorophenol	85	36 - 110
2,4,6-Tribromophenol	80	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-13

Lab Sample ID: 680-48268-3 Date Sampled: 06/17/2009 1735
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141719		Instrument ID:	GC/MS SemiVolatiles - T
Preparation:	3520C	Prep Batch: 680-140971		Lab File ID:	t6138.d
Dilution:	100			Initial Weight/Volume:	1030 mL
Date Analyzed:	06/30/2009 1547			Final Weight/Volume:	1 mL
Date Prepared:	06/22/2009 1321			Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	7500		970
2,4-Dimethylphenol	2900		970
Pentachlorophenol	<4900		4900

Surrogate	%Rec		Acceptance Limits
Phenol-d5	0	D	38 - 116
2-Fluorophenol	0	D	36 - 110
2,4,6-Tribromophenol	0	D	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-14

Lab Sample ID: 680-48268-4 Date Sampled: 06/17/2009 1735
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141719	Instrument ID:	GC/MS SemiVolatiles - T	
Preparation:	3520C	Prep Batch: 680-140971	Lab File ID:	t6139.d	
Dilution:	50		Initial Weight/Volume:	1030	mL
Date Analyzed:	06/30/2009 1612		Final Weight/Volume:	1	mL
Date Prepared:	06/22/2009 1321		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<490		490
2,4-Dimethylphenol	8100		490
Pentachlorophenol	<2400		2400

Surrogate	%Rec		Acceptance Limits
Phenol-d5	0	D	38 - 116
2-Fluorophenol	0	D	36 - 110
2,4,6-Tribromophenol	0	D	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-002

Lab Sample ID: 680-48268-5 Date Sampled: 06/17/2009 1535
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141704	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-140971	Lab File ID: g5045.d
Dilution:	1.0		Initial Weight/Volume: 1030 mL
Date Analyzed:	06/30/2009 0704		Final Weight/Volume: 1 mL
Date Prepared:	06/22/2009 1321		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	80	38 - 116
2-Fluorophenol	79	36 - 110
2,4,6-Tribromophenol	94	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-004

Lab Sample ID: 680-48268-6 Date Sampled: 06/17/2009 1915
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141704	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-140971	Lab File ID: g5046.d
Dilution:	1.0		Initial Weight/Volume: 1030 mL
Date Analyzed:	06/30/2009 0728		Final Weight/Volume: 1 mL
Date Prepared:	06/22/2009 1321		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	80	38 - 116
2-Fluorophenol	79	36 - 110
2,4,6-Tribromophenol	94	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-007

Lab Sample ID: 680-48268-7 Date Sampled: 06/17/2009 1610
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141704	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-140971	Lab File ID: g5047.d
Dilution:	1.0		Initial Weight/Volume: 1030 mL
Date Analyzed:	06/30/2009 0752		Final Weight/Volume: 1 mL
Date Prepared:	06/22/2009 1321		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	33		9.7
2,4-Dimethylphenol	59		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	84	38 - 116
2-Fluorophenol	83	36 - 110
2,4,6-Tribromophenol	94	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-48268-8 Date Sampled: 06/17/2009 1835
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method: 8270C Analysis Batch: 680-141704 Instrument ID: GC/MS SemiVolatiles - G
Preparation: 3520C Prep Batch: 680-140971 Lab File ID: g5048.d
Dilution: 1.0 Initial Weight/Volume: 1030 mL
Date Analyzed: 06/30/2009 0816 Final Weight/Volume: 1 mL
Date Prepared: 06/22/2009 1321 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	84	38 - 116
2-Fluorophenol	82	36 - 110
2,4,6-Tribromophenol	91	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-48268-9 Date Sampled: 06/17/2009 1840
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method: 8270C Analysis Batch: 680-141704 Instrument ID: GC/MS SemiVolatiles - G
Preparation: 3520C Prep Batch: 680-140971 Lab File ID: g5049.d
Dilution: 1.0 Initial Weight/Volume: 1030 mL
Date Analyzed: 06/30/2009 0839 Final Weight/Volume: 1 mL
Date Prepared: 06/22/2009 1321 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	38	38 - 116
2-Fluorophenol	40	36 - 110
2,4,6-Tribromophenol	75	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: **Duplicate**

Lab Sample ID: 680-48268-10 Date Sampled: 06/17/2009 1945
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141704	Instrument ID:	GC/MS SemiVolatiles - G	
Preparation:	3520C	Prep Batch: 680-140971	Lab File ID:	g5040.d	
Dilution:	1.0		Initial Weight/Volume:	1030	mL
Date Analyzed:	06/30/2009 0506		Final Weight/Volume:	1	mL
Date Prepared:	06/22/2009 1321		Injection Volume:	1.0	uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	79	38 - 116
2-Fluorophenol	81	36 - 110
2,4,6-Tribromophenol	77	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-48268-11 Date Sampled: 06/17/2009 1525
Client Matrix: Water Date Received: 06/18/2009 1140

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

Method:	8270C	Analysis Batch: 680-141704	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-140971	Lab File ID: g5041.d
Dilution:	1.0		Initial Weight/Volume: 1030 mL
Date Analyzed:	06/30/2009 0530		Final Weight/Volume: 1 mL
Date Prepared:	06/22/2009 1321		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	82	38 - 116
2-Fluorophenol	78	36 - 110
2,4,6-Tribromophenol	87	40 - 139

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-1

Lab Sample ID: 680-48268-1 Date Sampled: 06/17/2009 1645
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 009-0901.D
Dilution: 1.0 Initial Weight/Volume: 875 mL
Date Analyzed: 06/24/2009 2206 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<1.1		1.1
Acenaphthylene	<1.1		1.1
Anthracene	<1.1		1.1
Benzo[a]anthracene	<0.23		0.23
Benzo[a]pyrene	<0.23		0.23
Benzo[b]fluoranthene	<0.23		0.23
Benzo[g,h,i]perylene	<1.1		1.1
Benzo[k]fluoranthene	<0.57		0.57
Chrysene	<1.1		1.1
Dibenz(a,h)anthracene	<0.23		0.23
Fluoranthene	<1.1		1.1
Fluorene	<1.1		1.1
Indeno[1,2,3-cd]pyrene	<0.23		0.23
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	Acceptance Limits
2-Chloroanthracene	74	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-2

Lab Sample ID: 680-48268-2 Date Sampled: 06/17/2009 1645
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 010-1001.D
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 06/24/2009 2240 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	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	<0.51		0.51
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	84	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-13

Lab Sample ID: 680-48268-3 Date Sampled: 06/17/2009 1735
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 011-1101.D
Dilution: 10 Initial Weight/Volume: 1015 mL
Date Analyzed: 06/24/2009 2314 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<9.9		9.9
Acenaphthylene	<9.9		9.9
Anthracene	<9.9		9.9
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	<9.9		9.9
Benzo[k]fluoranthene	<4.9		4.9
Chrysene	<9.9		9.9
Dibenz(a,h)anthracene	<2.0		2.0
Fluoranthene	<9.9		9.9
Fluorene	<9.9		9.9
Indeno[1,2,3-cd]pyrene	<2.0		2.0
1-Methylnaphthalene	<9.9		9.9
2-Methylnaphthalene	<9.9		9.9
Naphthalene	24		9.9
Phenanthrene	<9.9		9.9
Pyrene	<9.9		9.9

Surrogate	%Rec	Acceptance Limits
2-Chloroanthracene	30	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-14

Lab Sample ID: 680-48268-4 Date Sampled: 06/17/2009 1735
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 012-1301.D
Dilution: 10 Initial Weight/Volume: 1010 mL
Date Analyzed: 06/25/2009 0021 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<9.9		9.9
Acenaphthylene	140		9.9
Anthracene	<9.9		9.9
Benzo[a]anthracene	<2.0		2.0
Benzo[a]pyrene	<2.0		2.0
Benzo[b]fluoranthene	8.3	p	2.0
Benzo[g,h,i]perylene	<9.9		9.9
Benzo[k]fluoranthene	<5.0		5.0
Chrysene	22	p	9.9
Dibenz(a,h)anthracene	<2.0		2.0
Fluoranthene	76	p	9.9
Fluorene	19	p	9.9
Indeno[1,2,3-cd]pyrene	<2.0		2.0
1-Methylnaphthalene	98		9.9
2-Methylnaphthalene	70	p	9.9
Naphthalene	110		9.9
Phenanthrene	13		9.9
Pyrene	<9.9		9.9

Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	470	X	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-002

Lab Sample ID: 680-48268-5 Date Sampled: 06/17/2009 1535
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-91858	Instrument ID: HPLC/UV/FLUOR
Preparation:	3520C	Prep Batch: 400-91655	Lab File ID: 013-1401.D
Dilution:	1.0		Initial Weight/Volume: 1010 mL
Date Analyzed:	06/25/2009 0055		Final Weight/Volume: 1.0 mL
Date Prepared:	06/23/2009 0845		Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	2.6		0.99
Acenaphthylene	<0.99		0.99
Anthracene	<0.99		0.99
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	<0.99		0.99
Benzo[k]fluoranthene	<0.50		0.50
Chrysene	<0.99		0.99
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.99		0.99
Fluorene	<0.99		0.99
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.99		0.99
2-Methylnaphthalene	1.2	p	0.99
Naphthalene	<0.99		0.99
Phenanthrene	<0.99		0.99
Pyrene	1.2		0.99

Surrogate	%Rec	Acceptance Limits
2-Chloroanthracene	57	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-004

Lab Sample ID: 680-48268-6 Date Sampled: 06/17/2009 1915
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 014-1501.D
Dilution: 1.0 Initial Weight/Volume: 1025 mL
Date Analyzed: 06/25/2009 0129 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

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	Acceptance Limits
2-Chloroanthracene	72	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-007

Lab Sample ID: 680-48268-7 Date Sampled: 06/17/2009 1610
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 015-1601.D
Dilution: 1.0 Initial Weight/Volume: 955 mL
Date Analyzed: 06/25/2009 0202 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<1.0		1.0
Acenaphthylene	<1.0		1.0
Anthracene	<1.0		1.0
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	<1.0		1.0
Benzo[k]fluoranthene	<0.52		0.52
Chrysene	<1.0		1.0
Dibenz(a,h)anthracene	<0.21		0.21
Fluoranthene	<1.0		1.0
Fluorene	<1.0		1.0
Indeno[1,2,3-cd]pyrene	<0.21		0.21
1-Methylnaphthalene	<1.0		1.0
2-Methylnaphthalene	<1.0		1.0
Naphthalene	1.1		1.0
Phenanthrene	<1.0		1.0
Pyrene	<1.0		1.0

Surrogate	%Rec	Acceptance Limits
2-Chloroanthracene	46	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-48268-8 Date Sampled: 06/17/2009 1835
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 016-1701.D
Dilution: 1.0 Initial Weight/Volume: 1010 mL
Date Analyzed: 06/25/2009 0236 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.99		0.99
Acenaphthylene	<0.99		0.99
Anthracene	<0.99		0.99
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	<0.99		0.99
Benzo[k]fluoranthene	<0.50		0.50
Chrysene	<0.99		0.99
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.99		0.99
Fluorene	<0.99		0.99
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.99		0.99
2-Methylnaphthalene	<0.99		0.99
Naphthalene	<0.99		0.99
Phenanthrene	<0.99		0.99
Pyrene	<0.99		0.99

Surrogate	%Rec	Acceptance Limits
2-Chloroanthracene	91	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-48268-9 Date Sampled: 06/17/2009 1840
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 017-1801.D
Dilution: 1.0 Initial Weight/Volume: 1060 mL
Date Analyzed: 06/25/2009 0310 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.94		0.94
Acenaphthylene	<0.94		0.94
Anthracene	<0.94		0.94
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	<0.94		0.94
Benzo[k]fluoranthene	<0.47		0.47
Chrysene	<0.94		0.94
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	<0.94		0.94
Fluorene	<0.94		0.94
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	<0.94		0.94
2-Methylnaphthalene	<0.94		0.94
Naphthalene	<0.94		0.94
Phenanthrene	<0.94		0.94
Pyrene	<0.94		0.94

Surrogate	%Rec	Acceptance Limits
2-Chloroanthracene	65	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: **Duplicate**

Lab Sample ID: 680-48268-10 Date Sampled: 06/17/2009 1945
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 018-1901.D
Dilution: 1.0 Initial Weight/Volume: 1015 mL
Date Analyzed: 06/25/2009 0343 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.99		0.99
Acenaphthylene	<0.99		0.99
Anthracene	<0.99		0.99
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	<0.99		0.99
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.99		0.99
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.99		0.99
Fluorene	<0.99		0.99
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.99		0.99
2-Methylnaphthalene	<0.99		0.99
Naphthalene	<0.99		0.99
Phenanthrene	<0.99		0.99
Pyrene	<0.99		0.99

Surrogate	%Rec	Acceptance Limits
2-Chloroanthracene	70	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-48268-11 Date Sampled: 06/17/2009 1525
Client Matrix: Water Date Received: 06/18/2009 1140

8310 PAHs (HPLC)

Method: 8310 Analysis Batch: 400-91858 Instrument ID: HPLC/UV/FLUOR
Preparation: 3520C Prep Batch: 400-91655 Lab File ID: 019-2001.D
Dilution: 1.0 Initial Weight/Volume: 1020 mL
Date Analyzed: 06/25/2009 0417 Final Weight/Volume: 1.0 mL
Date Prepared: 06/23/2009 0845 Injection Volume:

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	2.3	p	0.98
Phenanthrene	<0.98		0.98
Pyrene	<0.98		0.98

Surrogate	%Rec	Acceptance Limits
2-Chloroanthracene	94	27 - 146

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-1

Lab Sample ID: 680-48268-1
Client Matrix: Water

Date Sampled: 06/17/2009 1645
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/22/2009 2146
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

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

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-2

Lab Sample ID: 680-48268-2
Client Matrix: Water

Date Sampled: 06/17/2009 1645
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-141143		Instrument ID:	ICP/AES - D
Preparation:	3005A	Prep Batch: 680-140877		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	06/22/2009 2223			Final Weight/Volume:	50 mL
Date Prepared:	06/19/2009 1217				

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	26		10

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-13

Lab Sample ID:	680-48268-3	Date Sampled:	06/17/2009 1735
Client Matrix:	Water	Date Received:	06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-141143		Instrument ID:	ICP/AES - D
Preparation:	3005A	Prep Batch: 680-140877		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	06/22/2009 2228			Final Weight/Volume:	50 mL
Date Prepared:	06/19/2009 1217				

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

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ITW-14

Lab Sample ID: 680-48268-4
Client Matrix: Water

Date Sampled: 06/17/2009 1735
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/22/2009 2233
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

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

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-002

Lab Sample ID: 680-48268-5
Client Matrix: Water

Date Sampled: 06/17/2009 1535
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/22/2009 2238
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

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

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-004

Lab Sample ID: 680-48268-6
Client Matrix: Water

Date Sampled: 06/17/2009 1915
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-141143		Instrument ID:	ICP/AES - D
Preparation:	3005A	Prep Batch: 680-140877		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	06/22/2009 2244			Final Weight/Volume:	50 mL
Date Prepared:	06/19/2009 1217				

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

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: ESE-007

Lab Sample ID: 680-48268-7
Client Matrix: Water

Date Sampled: 06/17/2009 1610
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/22/2009 2249
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	RL
Arsenic	<20		20
Chromium	28		10

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-48268-8
Client Matrix: Water

Date Sampled: 06/17/2009 1835
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/22/2009 2254
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

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

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-48268-9
Client Matrix: Water

Date Sampled: 06/17/2009 1840
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-141143		Instrument ID:	ICP/AES - D
Preparation:	3005A	Prep Batch: 680-140877		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	06/22/2009 2259			Final Weight/Volume:	50 mL
Date Prepared:	06/19/2009 1217				

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

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Client Sample ID: Duplicate

Lab Sample ID: 680-48268-10
Client Matrix: Water

Date Sampled: 06/17/2009 1945
Date Received: 06/18/2009 1140

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/22/2009 2304
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

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

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
GC/MS Semi VOA		
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
	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		
	X	Surrogate exceeds the 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: 680-48268-1

Method Blank - Batch: 680-141200

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-141200/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 1114
Date Prepared: 06/23/2009 1114

Analysis Batch: 680-141200
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq392.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	75 - 120
4-Bromofluorobenzene	93	75 - 120
Dibromofluoromethane	99	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141200

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141200/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0917
Date Prepared: 06/23/2009 0917

Analysis Batch: 680-141200
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq384.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141200/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0946
Date Prepared: 06/23/2009 0946

Analysis Batch: 680-141200
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq386.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	100	96	48 - 142	4	50		
Bromomethane	119	121	12 - 184	1	50		
Vinyl chloride	100	95	59 - 144	5	50		
Chloroethane	108	102	40 - 165	6	50		
Methylene Chloride	109	106	70 - 125	3	30		
Acetone	99	101	17 - 175	2	50		
Carbon disulfide	103	97	55 - 131	5	30		
1,1-Dichloroethene	106	102	62 - 141	5	30		
1,1-Dichloroethane	122	118	74 - 127	4	30		
cis-1,2-Dichloroethene	105	99	69 - 134	6	30		
trans-1,2-Dichloroethene	102	99	72 - 131	3	30		
Chloroform	106	102	82 - 120	4	30		
1,2-Dichloroethane	88	87	66 - 132	1	30		
2-Butanone (MEK)	97	93	33 - 157	4	30		
1,1,1-Trichloroethane	107	103	76 - 127	4	30		
Carbon tetrachloride	107	103	71 - 135	4	30		
Dichlorobromomethane	97	95	78 - 127	2	30		
1,1,2,2-Tetrachloroethane	97	95	69 - 129	2	30		
1,2-Dichloropropane	91	89	73 - 124	2	30		
trans-1,3-Dichloropropene	102	100	73 - 128	2	30		
Trichloroethene	89	88	84 - 115	2	30		
Chlorodibromomethane	109	106	75 - 133	2	30		
1,1,2-Trichloroethane	93	91	75 - 121	2	30		
Benzene	94	92	77 - 119	3	30		
cis-1,3-Dichloropropene	99	98	76 - 126	1	30		
Bromoform	112	106	62 - 133	6	30		
2-Hexanone	95	98	34 - 161	3	30		
4-Methyl-2-pentanone (MIBK)	92	93	40 - 151	1	30		
Tetrachloroethene	94	94	76 - 126	0	30		
Toluene	92	90	81 - 117	2	30		
Chlorobenzene	95	95	85 - 116	1	30		
Ethylbenzene	101	98	86 - 116	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141200

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141200/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0917
Date Prepared: 06/23/2009 0917

Analysis Batch: 680-141200
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq384.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141200/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0946
Date Prepared: 06/23/2009 0946

Analysis Batch: 680-141200
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq386.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Styrene	100	97	82 - 122	3	30		
Xylenes, Total	99	97	84 - 118	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	91	75 - 120
4-Bromofluorobenzene	98	95	75 - 120
Dibromofluoromethane	101	98	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Method Blank - Batch: 680-141202

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-141202/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 1059
Date Prepared: 06/23/2009 1059

Analysis Batch: 680-141202
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq391.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	75 - 120
4-Bromofluorobenzene	104	75 - 120
Dibromofluoromethane	93	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141202

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141202/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0903
Date Prepared: 06/23/2009 0903

Analysis Batch: 680-141202
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq383.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141202/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0932
Date Prepared: 06/23/2009 0932

Analysis Batch: 680-141202
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq385.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	101	104	48 - 142	3	50		
Bromomethane	107	134	12 - 184	22	50		
Vinyl chloride	108	110	59 - 144	3	50		
Chloroethane	118	123	40 - 165	4	50		
Methylene Chloride	106	112	70 - 125	5	30		
Acetone	93	100	17 - 175	7	50		
Carbon disulfide	98	101	55 - 131	3	30		
1,1-Dichloroethene	105	108	62 - 141	3	30		
1,1-Dichloroethane	122	127	74 - 127	4	30		
cis-1,2-Dichloroethene	99	104	69 - 134	5	30		
trans-1,2-Dichloroethene	102	104	72 - 131	3	30		
Chloroform	99	105	82 - 120	5	30		
1,2-Dichloroethane	97	101	66 - 132	5	30		
2-Butanone (MEK)	90	95	33 - 157	5	30		
1,1,1-Trichloroethane	99	103	76 - 127	5	30		
Carbon tetrachloride	100	104	71 - 135	4	30		
Dichlorobromomethane	90	95	78 - 127	6	30		
1,1,2,2-Tetrachloroethane	110	113	69 - 129	2	30		
1,2-Dichloropropane	90	92	73 - 124	2	30		
trans-1,3-Dichloropropene	91	94	73 - 128	4	30		
Trichloroethene	84	87	84 - 115	4	30		
Chlorodibromomethane	100	103	75 - 133	4	30		
1,1,2-Trichloroethane	86	90	75 - 121	5	30		
Benzene	91	94	77 - 119	3	30		
cis-1,3-Dichloropropene	91	96	76 - 126	5	30		
Bromoform	103	105	62 - 133	3	30		
2-Hexanone	96	100	34 - 161	4	30		
4-Methyl-2-pentanone (MIBK)	88	92	40 - 151	5	30		
Tetrachloroethene	105	109	76 - 126	3	30		
Toluene	90	93	81 - 117	3	30		
Chlorobenzene	103	107	85 - 116	4	30		
Ethylbenzene	110	115	86 - 116	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141202

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141202/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0903
Date Prepared: 06/23/2009 0903

Analysis Batch: 680-141202
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq383.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141202/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 0932
Date Prepared: 06/23/2009 0932

Analysis Batch: 680-141202
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq385.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Styrene	107	110	82 - 122	2	30		
Xylenes, Total	105	109	84 - 118	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	89	92	75 - 120
4-Bromofluorobenzene	107	110	75 - 120
Dibromofluoromethane	95	98	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Method Blank - Batch: 680-141235

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-141235/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 1215
Date Prepared: 06/23/2009 1215

Analysis Batch: 680-141235
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq537.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	75 - 120
4-Bromofluorobenzene	98	75 - 120
Dibromofluoromethane	96	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141235

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141235/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 1018
Date Prepared: 06/23/2009 1018

Analysis Batch: 680-141235
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq529.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141235/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 1047
Date Prepared: 06/23/2009 1047

Analysis Batch: 680-141235
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq531.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	85	85	48 - 142	1	50		
Bromomethane	109	117	12 - 184	7	50		
Vinyl chloride	95	92	59 - 144	4	50		
Chloroethane	103	106	40 - 165	3	50		
Methylene Chloride	103	96	70 - 125	7	30		
Acetone	119	120	17 - 175	1	50		
Carbon disulfide	102	93	55 - 131	9	30		
1,1-Dichloroethene	108	94	62 - 141	13	30		
1,1-Dichloroethane	94	99	74 - 127	5	30		
cis-1,2-Dichloroethene	92	112	69 - 134	19	30		
trans-1,2-Dichloroethene	103	92	72 - 131	11	30		
Chloroform	97	106	82 - 120	9	30		
1,2-Dichloroethane	91	96	66 - 132	5	30		
2-Butanone (MEK)	96	106	33 - 157	10	30		
1,1,1-Trichloroethane	106	115	76 - 127	8	30		
Carbon tetrachloride	113	118	71 - 135	4	30		
Dichlorobromomethane	101	104	78 - 127	3	30		
1,1,2,2-Tetrachloroethane	94	102	69 - 129	8	30		
1,2-Dichloropropane	92	95	73 - 124	3	30		
trans-1,3-Dichloropropene	102	107	73 - 128	5	30		
Trichloroethene	100	99	84 - 115	1	30		
Chlorodibromomethane	107	115	75 - 133	7	30		
1,1,2-Trichloroethane	87	91	75 - 121	4	30		
Benzene	89	95	77 - 119	6	30		
cis-1,3-Dichloropropene	98	104	76 - 126	6	30		
Bromoform	107	116	62 - 133	8	30		
2-Hexanone	107	127	34 - 161	17	30		
4-Methyl-2-pentanone (MIBK)	89	99	40 - 151	10	30		
Tetrachloroethene	103	113	76 - 126	9	30		
Toluene	95	101	81 - 117	6	30		
Chlorobenzene	101	109	85 - 116	8	30		
Ethylbenzene	103	110	86 - 116	7	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141235

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141235/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 1018
Date Prepared: 06/23/2009 1018

Analysis Batch: 680-141235
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq529.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141235/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2009 1047
Date Prepared: 06/23/2009 1047

Analysis Batch: 680-141235
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq531.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Styrene	101	113	82 - 122	11	30		
Xylenes, Total	104	113	84 - 118	9	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	102	75 - 120
4-Bromofluorobenzene	101	109	75 - 120
Dibromofluoromethane	99	112	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Method Blank - Batch: 680-141266

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-141266/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 1010
Date Prepared: 06/24/2009 1010

Analysis Batch: 680-141266
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq405.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	75 - 120
4-Bromofluorobenzene	104	75 - 120
Dibromofluoromethane	96	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141266

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141266/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 0812
Date Prepared: 06/24/2009 0812

Analysis Batch: 680-141266
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq397.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141266/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 0841
Date Prepared: 06/24/2009 0841

Analysis Batch: 680-141266
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq399.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	113	108	48 - 142	4	50		
Bromomethane	108	130	12 - 184	18	50		
Vinyl chloride	119	113	59 - 144	5	50		
Chloroethane	146	135	40 - 165	8	50		
Methylene Chloride	113	111	70 - 125	2	30		
Acetone	105	92	17 - 175	13	50		
Carbon disulfide	103	100	55 - 131	3	30		
1,1-Dichloroethene	113	109	62 - 141	3	30		
1,1-Dichloroethane	132	129	74 - 127	2	30	*	*
cis-1,2-Dichloroethene	108	105	69 - 134	3	30		
trans-1,2-Dichloroethene	110	107	72 - 131	2	30		
Chloroform	105	104	82 - 120	2	30		
1,2-Dichloroethane	103	101	66 - 132	2	30		
2-Butanone (MEK)	98	95	33 - 157	3	30		
1,1,1-Trichloroethane	105	103	76 - 127	2	30		
Carbon tetrachloride	107	103	71 - 135	4	30		
Dichlorobromomethane	94	92	78 - 127	3	30		
1,1,2,2-Tetrachloroethane	115	116	69 - 129	0	30		
1,2-Dichloropropane	94	94	73 - 124	0	30		
trans-1,3-Dichloropropene	94	94	73 - 128	0	30		
Trichloroethene	87	88	84 - 115	1	30		
Chlorodibromomethane	103	104	75 - 133	1	30		
1,1,2-Trichloroethane	88	90	75 - 121	3	30		
Benzene	97	96	77 - 119	2	30		
cis-1,3-Dichloropropene	94	93	76 - 126	1	30		
Bromoform	106	105	62 - 133	1	30		
2-Hexanone	101	100	34 - 161	1	30		
4-Methyl-2-pentanone (MIBK)	93	94	40 - 151	1	30		
Tetrachloroethene	112	109	76 - 126	2	30		
Toluene	95	93	81 - 117	3	30		
Chlorobenzene	109	108	85 - 116	1	30		
Ethylbenzene	116	113	86 - 116	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-141266

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-141266/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 0812
Date Prepared: 06/24/2009 0812

Analysis Batch: 680-141266
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq397.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-141266/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 0841
Date Prepared: 06/24/2009 0841

Analysis Batch: 680-141266
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq399.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Styrene	113	111	82 - 122	2	30		
Xylenes, Total	112	109	84 - 118	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	91	75 - 120
4-Bromofluorobenzene	114	111	75 - 120
Dibromofluoromethane	102	99	75 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Method Blank - Batch: 680-140971

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-140971/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2009 0220
Date Prepared: 06/22/2009 1321

Analysis Batch: 680-141704
Prep Batch: 680-140971
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g5033a.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

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

Surrogate	% Rec	Acceptance Limits
Phenol-d5	88	38 - 116
2-Fluorophenol	90	36 - 110
2,4,6-Tribromophenol	82	40 - 139

Lab Control Sample - Batch: 680-140971

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-140971/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2009 0244
Date Prepared: 06/22/2009 1321

Analysis Batch: 680-141704
Prep Batch: 680-140971
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g5034.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	100	78.6	79	39 - 110	
2,4-Dimethylphenol	100	62.5	63	36 - 110	
Pentachlorophenol	100	84.1	84	37 - 132	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	85	38 - 116
2-Fluorophenol	83	36 - 110
2,4,6-Tribromophenol	85	40 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-140971

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	680-48268-9	Analysis Batch: 680-141704	Instrument ID: GC/MS SemiVolatiles - G
Client Matrix:	Water	Prep Batch: 680-140971	Lab File ID: g5050.d
Dilution:	1.0		Initial Weight/Volume: 500 mL
Date Analyzed:	06/30/2009 0903		Final Weight/Volume: 0.5 mL
Date Prepared:	06/22/2009 1321		Injection Volume: 1.0 uL

MSD Lab Sample ID:	680-48268-9	Analysis Batch: 680-141704	Instrument ID: GC/MS SemiVolatiles - G
Client Matrix:	Water	Prep Batch: 680-140971	Lab File ID: g5051.d
Dilution:	1.0		Initial Weight/Volume: 500 mL
Date Analyzed:	06/30/2009 0927		Final Weight/Volume: 0.5 mL
Date Prepared:	06/22/2009 1321		Injection Volume: 1.0 uL

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	80	32	39 - 110	86	40		F
2,4-Dimethylphenol	92	48	36 - 110	64	40		F
Pentachlorophenol	96	67	37 - 132	35	40		

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
Phenol-d5	84	32	X	38 - 116
2-Fluorophenol	83	20	X	36 - 110
2,4,6-Tribromophenol	99	70		40 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 400-91655

Method: 8310
Preparation: 3520C

Lab Sample ID: MB 400-91655/14-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 2025
Date Prepared: 06/23/2009 0845

Analysis Batch: 400-91858
Prep Batch: 400-91655
Units: ug/L

Instrument ID: HPLC/UV/FLUOR
Lab File ID: 006-0601.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	92	27 - 146

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Lab Control Sample - Batch: 400-91655

Method: 8310
Preparation: 3520C

Lab Sample ID: LCS 400-91655/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2009 2059
Date Prepared: 06/23/2009 0845

Analysis Batch: 400-91858
Prep Batch: 400-91655
Units: ug/L

Instrument ID: HPLC/UV/FLUOR
Lab File ID: 007-0701.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	8.60	86	40 - 111	
Acenaphthylene	10.0	6.76	68	41 - 106	
Anthracene	10.0	8.15	81	50 - 116	
Benzo[a]anthracene	10.0	7.87	79	55 - 113	
Benzo[a]pyrene	10.0	7.46	75	40 - 126	
Benzo[b]fluoranthene	10.0	8.00	80	41 - 111	
Benzo[g,h,i]perylene	10.0	7.54	75	14 - 122	
Benzo[k]fluoranthene	10.0	7.88	79	34 - 114	
Chrysene	10.0	8.45	84	60 - 125	
Dibenz(a,h)anthracene	10.0	7.60	76	11 - 130	
Fluoranthene	10.0	7.68	77	55 - 132	
Fluorene	10.0	7.31	73	44 - 106	
Indeno[1,2,3-cd]pyrene	10.0	7.83	78	30 - 121	
1-Methylnaphthalene	10.0	8.14	81	30 - 111	
2-Methylnaphthalene	10.0	8.44	84	27 - 110	
Naphthalene	10.0	9.19	92	27 - 114	
Phenanthrene	10.0	7.72	77	54 - 114	
Pyrene	10.0	8.18	82	54 - 124	

Surrogate	% Rec	Acceptance Limits
2-Chloroanthracene	93	27 - 146

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Method Blank - Batch: 680-140877

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-140877/14-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2009 2120
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877
Units: ug/L

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

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

Lab Control Sample - Batch: 680-140877

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-140877/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2009 2126
Date Prepared: 06/19/2009 1217

Analysis Batch: 680-141143
Prep Batch: 680-140877
Units: ug/L

Instrument ID: ICP/AES - D
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1930	97	75 - 125	
Chromium	200	194	97	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Weston Solutions, Inc. Job Number: 680-48268-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-140877

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	680-48268-1	Analysis Batch: 680-141143	Instrument ID: ICP/AES - D
Client Matrix:	Water	Prep Batch: 680-140877	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	06/22/2009 2202		Final Weight/Volume: 50 mL
Date Prepared:	06/19/2009 1217		

MSD Lab Sample ID:	680-48268-1	Analysis Batch: 680-141143	Instrument ID: ICP/AES - D
Client Matrix:	Water	Prep Batch: 680-140877	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	06/22/2009 2207		Final Weight/Volume: 50 mL
Date Prepared:	06/19/2009 1217		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	104	103	75 - 125	1	20		
Chromium	104	103	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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

Chain of Custody Record

TestAmerica

Client Information	Sampler: Eric Sandusky	Lab PM: Page, Abbie	Carrier Tracking No(s):	COC No: 680-22108.1
Client Contact: Mr. Ralph McKeen	Phone: 770-325-1945	E-Mail: abbie.page@testamericainc.com		Page: Page 1 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 5430 Metric Place Suite 100	Due Date Requested:	Analysis Requested		Preservation Codes: A - HCL, M - Hexane, D - Nitric Acid, P - NaOH, E - NaHSO4, Q - Na2SO3, F - MeOH, R - Na2S2SO3, 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:
City:	TAT Requested (days):			
State, Zip: GA, 30092				
Phone: ~~352-360-1466(Cell)~~ 770-325-1938	PO #: 32730			
Email: ralph.mckeen@westonsolutions.com	WO #: 5.79101E+13			
Project Name: Weston Solutions, Inc./Cabot Qtrly	Project #: 68000815			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B - As, Cr	8270C - Select SVOCs	8310 - PAH's	8260B - BTEX & MTBE	Total Number of containers	Special Instructions/Note:
ITW-1	6/17/09	1645	G	Water			1	2	2	3		
ITW-2	6/17/09	1645	G	Water			1	2	2	3		
ITW-13	6/17/09	1735	G	Water			1	2	2	3		
ITW-14	6/17/09	1735	G	Water			1	2	2	3		
ESE-002	6/17/09	1535	G	Water			1	2	2	3		
ESE-004	6/17/09	1915	G	Water			1	2	2	3		
ESE-007	6/17/09	1610	G	Water			1	2	2	3		
WMW-17E	6/17/09	1835	G	Water			1	2	2	3		
WMW-18E	6/17/09	1840	G	Water			1	2	2	3		
Duplicate	6/17/09	1945	G	Water			1	2	2	3		680-48268
Equipment Blank	6/17/09	1525	G	Water			0	2	2	3		Could not find bottle until we started sampling well

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: 6-18-09 1140	Company: Weston	Received by: Beth A Daughtry	Date/Time: 6-18-9 @ 1140	Company: TASAV
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Cooler Temperature(s) °C and Other Remarks: 7.2/12.6/13.6/13.6/11.8/7.8

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

Chain of Custody Record

TestAmerica

Client Information	Sampler: Eric Sandusky	Lab PM: Page, Abbie	Carrier Tracking No(s):	COC No. 680-22108.2
Client Contact: Mr. Ralph McKeen	Phone: 770-325-7995	E-Mail: abbie.page@testamericainc.com		Page: Page 2 of 2
Company: Weston Solutions, Inc.				Job #:
Address: 5430 Metric Place Suite 100	Due Date Requested:	Analysis Requested		Preservation Codes:
City: [illegible]	TAT Requested (days):			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - Na2SO3; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
State, Zip: GA, 30092	PO #: 32730			
Phone: 3[illegible]1466(Tel) 770-325-7938	WO #: 5.79101E+13			Other:
Email: Ralph.mckeen@weston[illegible].com	Project #: 68000815			
Project Name: Weston Solutions, Inc Qtrly	SSOW#:			
Site:				

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)	6010B - As, Cr	8270C - Select SVOCs	8310 - PAH's	8260B - BTEX & MTBE	Total Number of containers	Special Instructions/Note:
				Water							
TB-01	6/17/09		G	Water					X		
TB-02	6/17/09		G	Water					X		
				Water							

680-48268

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: Eric Sandusky	Date/Time: 6-18-09 1140	Company: Weston	Received by: Beth A Daughtry	Date/Time: 6-18-9 1140	Company: TASAV		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company		

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

Cooler Temperature(s) °C and Other Remarks: 7.2/12.6/13.6/13.6/11.8/7.8

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	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	*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	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	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	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	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	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	*
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	*
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	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	*
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	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	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	*
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	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	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	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	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	*
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	*100
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**	**1**
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	*
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	*
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	*
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	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	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	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	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	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	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**	**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	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	**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	*
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	*
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**	**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	*
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	*
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	*
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	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	*100
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**	**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	*
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	*
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	*
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	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**	**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	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	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	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	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	*
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	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	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	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	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	*
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	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**	**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	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	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	*
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	*
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**	**0.0**	**5.1**	**20**	**29**	**122**	**0**	**601**	**30**	**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	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	*
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	*
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	*

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	ROD cleanup goal
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	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	*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	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	*
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	*
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	260
WMW-17E	Acenaphthylene	ND	ND	ND	ND	0.14	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	2.5	ND	ND	5.7	ND	ND	2.7	ND	ND	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	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	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	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	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	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	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	*
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	*
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	*
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	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	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	*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	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	*
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	*
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	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	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	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	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	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	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	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	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	*
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	*
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	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	*
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	*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	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	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	*
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	*
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	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	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	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	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	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	*
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	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	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	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	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	*
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	*
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**	0	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	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	*
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	*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	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	*
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	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	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	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	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	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	*
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	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	*100
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**	**1**
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	*

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	ROD cleanup goal
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	*
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	*
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	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	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	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	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	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	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	*
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	*
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	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	**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	*
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	*
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	*
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	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	*100

All results are in ug/l (micrograms per liter).
ND = Not detected above the MDL.
NS = Not sampled for indicated compound.
* = 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.