

**RESULTS OF QUARTERLY GROUNDWATER SAMPLING
CONDUCTED MARCH 17, 2010, FOR
FIRST QUARTER, 2010**

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

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WESTON WORK ORDER NO. 05791.010.001.0001

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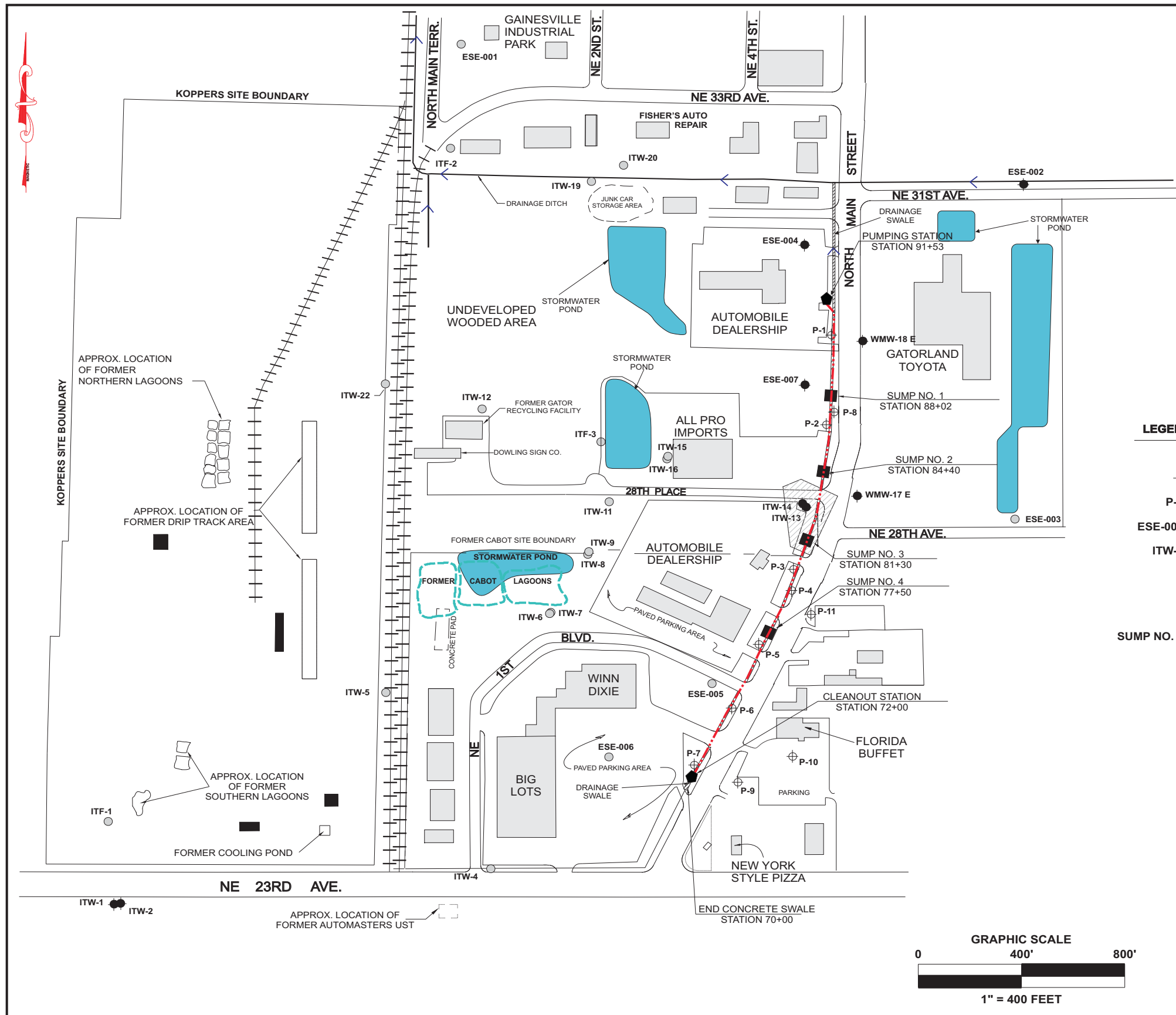
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Eastern Site, Gainesville, Florida

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Eastern Site, Gainesville, Florida

SECTION 1
BACKGROUND

The purpose of the first quarter 2010 sampling conducted by Weston Solutions, Inc., (WESTON®) is to evaluate the effectiveness of the groundwater collection system that has been installed along the border of the eastern portion of the Cabot Carbon/Koppers Superfund Site (Eastern Site) (Figure 1-1). The current post-remedial groundwater monitoring program for the Eastern Site includes sampling the following wells on a quarterly basis: ITW-13, ITW-14, WMW-17E, WMW-18E, ESE-002, ESE-004, ESE-007, and up-gradient monitoring wells ITW-1 and ITW-2. This report summarizes the results of the first quarter 2010 groundwater sampling event.

NOTE:
THIS FIGURE HAS BEEN GENERATED IN COLOR; IF REPRODUCED IN BLACK AND WHITE,
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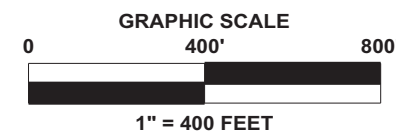
LEGEND

- 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



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
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SECTION 2

METHODOLOGY

Groundwater samples were collected from the Eastern Site monitoring wells by Weston Solutions, Inc. on March 17, 2010. 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 benzene, ethyl benzene, toluene and xylene (BETX), 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,
First Quarter 2010**

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	8310
		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			
		SVOCs (Phenol)	8270C
		Pentachlorophenol (PCP)	
		Arsenic	6010
		Chromium	
		Benzene	SW 846 8260B
		Ethyl benzene	
		Toluene, & Xylene (BETX)	

SECTION 3

WATER LEVEL MEASUREMENTS

To assist in evaluating the interceptor trench's effectiveness, water level measurements were collected on March 15, 2010, from 26 Eastern Site monitoring wells, 8 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 have been reconstructed with flush mounts/minor stickup surface completions. The wells/piezometer have been 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. These wells have also been 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 March 17, 2010.

3.1 SURFICIAL AQUIFER

Based on the groundwater elevations measured in the surficial aquifer, the groundwater flow direction beneath the southern part of the Cabot Carbon/Koppers site is to the northeast toward the groundwater interceptor trench (see Figure 3-1). Based on the March 2010 groundwater elevation data, the average hydraulic gradient in the southern portion of the Eastern Site is calculated to be approximately 3.61×10^{-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 5.76×10^{-3} ft/ft. Groundwater elevations indicate that the interceptor trench maintains effective control of the groundwater in the upper surficial aquifer. For example, groundwater in the area of well WMW-18E continues to flow west towards the interceptor trench (see Figure 3-1).

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

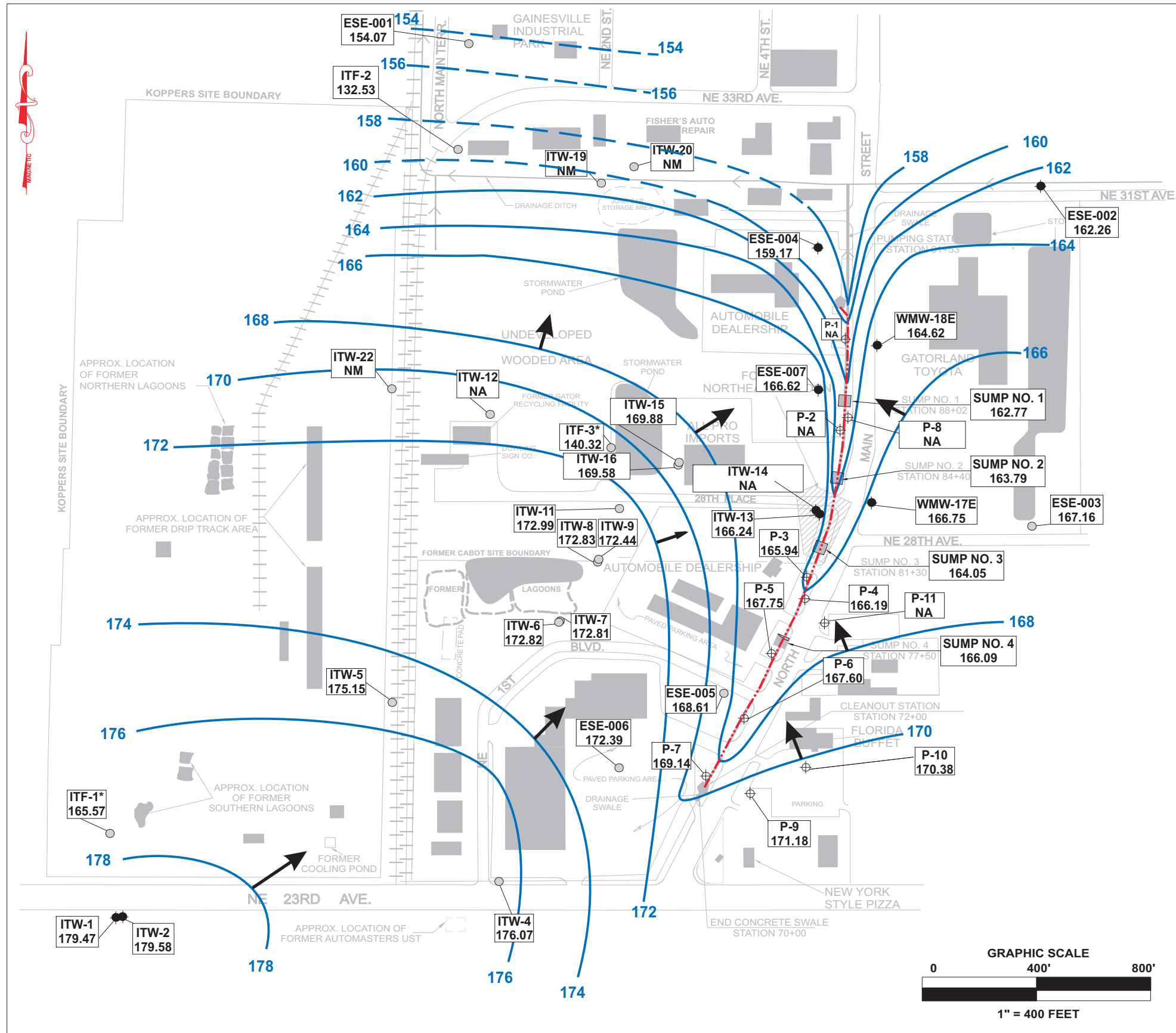
3.2 INTERMEDIATE AQUIFER

Based on groundwater elevations from the three intermediate aquifer wells, the groundwater flow direction in this aquifer continues to be generally toward the northeast. A downward hydraulic gradient continues to be present between the surficial and intermediate aquifers. On March 15, 2010, a head difference of approximately 32.67 feet was measured between surficial aquifer well ITW-11 and intermediate aquifer well ITF-3 (see Table 3-1).

Table 3-1
Groundwater Depths and Elevations
March 2010 Sampling Event¹
Eastern Portion of Cabot Carbon/Koppers Superfund Site
Gainesville, Alachua County, Florida

Monitoring Well ID	Top of Casing/Sump Elevation Feet (MSL) ³	March 15, 2010 Field Measured Water Depth Below Top of Casing (Feet) ²	Groundwater Elevation Feet (MSL)	Depth of Screened Interval ⁴
ITW-1	188.47	9.00	179.47	15.50 - 25.50
ITW-2	187.48	7.90	179.58	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	10.19	175.15	19.00 - 24.00
ITW-6	183.10	10.28	172.82	18.50 - 28.50
ITW-7 ⁵	182.97	10.16	172.81	8.50 - 18.50
ITW-8	180.81	7.98	172.83	18.50 - 28.50
ITW-9	180.30	7.86	172.44	8.00 - 18.00
ITW-10	Does not currently exist.	Does not currently exist.	Not measured	Does not currently exist.
ITW-11	180.91	7.92	172.99	6.00 - 16.00
ITW-12	Does not currently exist.	Does not currently exist.	Not measured	Does not currently exist.
ITW-13	174.14	7.90	166.24	23.00 - 33.00
ITW-14 ⁶	174.80	Approx. 0.2 foot product	Not measured	5.00 - 15.00
ITW-15 ⁷	175.90	6.02	169.88	20.00 - 30.00
ITW-16 ⁷	175.41	5.83	169.58	12.50 - 22.50
ITW-19	169.74	Site access not Available	Not measured	11.00 - 31.00
ITW-20	169.77	Site access not Available	Not measured	11.00 - 31.00
ITW-21 ⁵	Does not currently exist.	Does not currently exist.	Not measured	Does not currently exist.
ITW-22 ⁵	178.61	Lock changed	Not measured	3.00 - 13.00
ESE-001	162.05	7.98	154.07	6.50 - 21.20
ESE-002	169.08	6.82	162.26	8.00 - 23.00
ESE-003	171.86	4.70	167.16	9.00 - 29.00
ESE-004 ⁵	166.69	7.52	159.17	6.50 - 21.50
ESE-005	178.23	9.62	168.61	9.50 - 29.50
ESE-006	180.39	8.00	172.39	7.50 - 27.50
ESE-007	168.42	1.80	166.62	7.50 - 22.50
WMW-17E ⁵	175.29	8.54	166.75	9.00 - 29.00
WMW-18E	172.92	8.30	164.62	9.00 - 29.00
ITF-1	186.63	21.06	165.57	69.00 - 79.00
ITF-2	168.95	36.42	132.53	71.00 - 81.00
ITF-3	176.89	36.57	140.32	69.50 - 79.50
P-1	Does not currently exist.	Does not currently exist.	Not measured	Does not currently exist.
P-2	169.77	Could not find	Not measured	5.18 - 10.18
P-3	171.05	5.11	165.94	5.00 - 10.00
P-4	172.26	6.07	166.19	5.00 - 10.00
P-5	173.20	5.45	167.75	6.65 - 11.65
P-6	177.07	9.47	167.60	7.50 - 12.50
P-7	179.24	10.10	169.14	7.50 - 12.50
P-8	168.44	Could not find	Not measured	5.00 - 10.00
P-9	181.35	10.17	171.18	10.00 - 15.00
P-10	180.23	9.85	170.38	10.00 - 15.00
P-11	173.35	Could not find	Not measured	10.00 - 15.00
Sump No. 1	168.95	6.18	162.77	Sump
Sump No. 2	169.80	6.01	163.79	Sump
Sump No. 3	170.94	6.89	164.05	Sump
Sump No. 4	173.27	7.18	166.09	Sump

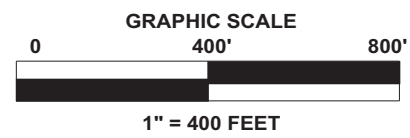
- Notes:**
1. Depths to water measured on March 15, 2010.
 2. All depths measured in feet below top of casing. Elevations are in feet above mean sea level (MSL).
 3. Top of casing elevations measured by registered Florida Land Surveyors.
 4. Screened intervals measured from ground surface.
 5. Wells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



NOTE:
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LEGEND

- P-1 ⊕ PIEZOMETERS MONITORED 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
- 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 November 2009 sampling event, product thickness in ITW-14 was measured at approximately 0.1 foot thick.



PROJECT TITLE:				
CABOT CARBON/KOPPERS SITE GAINESVILLE, ALACHUA COUNTY, FLORIDA WATER TABLE ELEVATIONS IN THE SURFICIAL AQUIFER March 15, 2010 FIGURE 3-1				
DRAWN:	DATE:	DES. ENG.:	DATE:	W.O. NO.:
E. Sandusky	March 2010			05791.010.001.0001
CHECKED:	DATE:	APPROVED:	DATE:	FILE NAME:
M. Taylor	March 2010			March_2010_POTMAP.CDR

SECTION 4

ANALYTICAL RESULTS

The laboratory analytical data package for the monitor well samples collected at the Eastern Site on March 17, 2010 is provided in Appendix B, and a summary of these data exceeding Record of Decision (ROD) cleanup goals is contained in Table 4-1. A historical summary of the monitor well data collected prior to the installation of the remedial system is provided in Appendix C. A summary of the recent post-remedial construction monitor well data is provided in Appendix D. Discussion of the first quarter 2010 sampling results is provided below.

Neither arsenic nor chromium was detected in any well during the March 2010 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 (67 µg/L), ITW-14 (51 µg/L), and ESE-007 (2.6 µg/L). Naphthalene in ITW-14 (260 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 (300 µg/L). Phenol concentrations exceeded the ROD cleanup goal of 2,630 µg/L in ITW-13 (4,300 µg/L).

Total combined potentially carcinogenic PAH's were detected in ITW-14 this quarter at 189 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 2010 sampling event. Wells ITW-13 and ITW-14 are located within the former Northeast Lagoon. Groundwater in the area of these wells migrates toward the interceptor trench.

Table 4-1

**Summary of Surficial Aquifer Groundwater Analytical Data Exceeding ROD Cleanup Goals
Eastern Portion of Cabot Carbon/Koppers Superfund Site
March 25, 2010**

Well Designation/ Screened Interval (feet)	Parameter	Results (µg/L)	RL (µg/L)	ROD Cleanup Goal (µg/L)
ITW-13 / 23-33	Benzene	67	2	1
	Phenol	4,300	510	2,630
ITW-14 / 5-15	Benzene	51	5	1
	Naphthalene	260	20.0	18
	Total Potentially Carcinogenic PAHs	189	4.0	0.003
ESE-007 / 7.5-22.5	Benzene	2.6	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 first quarter 2010 sampling event, WESTON offers the following findings:

- The groundwater interceptor trench continues to maintain effective hydraulic control of the upper surficial aquifer.
- The groundwater interceptor trench continues to effectively capture constituents from the Northeast Lagoon area in the surficial aquifer.
- The overall distribution of constituents appears to be similar to that reported from previous quarterly sampling events for the majority of the site, 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 June 2010. The wells to be sampled in the second quarter 2010 are ITW-1, ITW-2, ITW-13, ITW-14, WMW-17E, WMW-18E, ESE-002, ESE-004, and ESE-007.

APPENDIX A
WELL PURGE DATA

Appendix A

**Well Purge Data
Eastern Portion of Cabot Carbon/Koppers Superfund Site
Purge - March 16, 2010
Sample - March 17, 2010**

WELL ID	Purge/Sample Dates	Time	VOLUME (GAL)	TEMPERATURE (°C)	pH	SPECIFIC CONDUCTANCE (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTU)	ODOR YES/NO	PURGE DRY YES/NO
ITW-1	Purge; 3/16/10	1210	0.75	21.00	4.94	94	2.61	12.70		
ITW-1	Purge; 3/16/10	1215	1.50	21.05	4.90	94	0.62	25.00		
ITW-1	Purge; 3/16/10	1220	2.25	21.14	4.52	30	0.41	*		
ITW-1	Purge; 3/16/10	1230	3.25	21.09	4.84	96	0.49	1.18		
ITW-1	Sample; 3/17/10	1100	<.1	20.42	5.20	111	2.65	0.57	NO	NO
ITW-2	Purge; 3/16/10	1145	1.50	19.68	5.17	384	2.45	0.8		
ITW-2	Purge; 3/16/10	1150	2.50	19.69	5.27	331	1.88	2.4		
ITW-2	Purge; 3/16/10	1155	3.25	19.69	5.20	308	1.47	2.3		
ITW-2	Purge; 3/16/10	1200	4.00	19.68	5.18	305	1.10	2.74	NO	NO
ITW-2	Sample; 3/17/10	1040	<.1	19.40	5.28	420	1.94	19.00		
ESE-002	Purge; 3/16/10	1415	0.75	22.01	4.97	60	0.66	7.1		
ESE-002	Purge; 3/16/10	1420	1.50	21.85	4.97	61	0.43	4.1		
ESE-002	Purge; 3/16/10	1425	2.25	21.77	4.76	62	0.37	3.1		
ESE-002	Purge; 3/16/10	1430	3.50	21.73	4.68	60	0.35	4.4		
ESE-002	Purge; 3/16/10	1435	4.00	21.77	4.78	66	0.32	3.4		
ESE-002	Sample; 3/17/10	1220	<.1	21.28	5.95	71	2.06	9.3	NO	NO
ESE-004	Purge; 3/16/10	1450	0.50	22.98	5.93	448	1.05	1.23		
ESE-004	Purge; 3/16/10	1455	1.50	22.64	5.91	450	0.54	0.00		
ESE-004	Purge; 3/16/10	1500	2.50	22.47	5.86	436	0.39	1.48		
ESE-004	Sample; 3/17/10	1245	<.1	22.51	5.95	426	2.04	1.66	Dup	NO
ESE-007	Purge; 3/16/10	1010	1.00	16.50	5.73	460	3.88	10.69		
ESE-007	Purge; 3/16/10	1015	2.00	16.61	5.70	463	1.52	19.70		
ESE-007	Purge; 3/16/10	1020	2.50	16.59	5.69	465	0.91	26.80		
ESE-007	Purge; 3/16/10	1025	3.25	16.66	5.68	465	0.56	24.00		
ESE-007	Sample; 3/17/10	0850	<.1	15.64	5.78	451	3.70	23.60	Equipment Blank	NO
ITW-13	Purge; 3/16/10	1045	0.75	23.01	4.96	181	1.99	3.81		
ITW-13	Purge; 3/16/10	1050	1.50	23.16	4.94	183	0.48	0.12		
ITW-13	Purge; 3/16/10	1055	2.25	23.20	4.85	192	0.28	0.5		
ITW-13	Purge; 3/16/10	1100	3.00	23.23	4.82	180	0.22	1.2		
ITW-13	Purge; 3/16/10	1105	3.75	23.18	4.79	178	0.21	0.7		
ITW-13	Sample; 3/17/10	0935	<.1	22.62	4.91	165	2.58	*	Tar/Foamy with Sheen	
ITW-14	Purge; 3/16/10	1110	3.00							
ITW-14	Sample; 3/17/10	1005	NA						Yes/Tar	YES
WMW-17E	Purge; 3/16/10	1320	0.75	23.38	5.60	184	1.14	55.1		
WMW-17E	Purge; 3/16/10	1325	1.50	23.32	5.60	183	0.67	27.1		
WMW-17E	Purge; 3/16/10	1330	2.25	23.35	5.59	181	0.47	31.9		
WMW-17E	Sample; 3/17/10	1130	<.1	22.30	5.62	188	1.82	6.7	NO	NO
WMW-18E	Purge; 3/16/10	1350	0.75	22.53	5.46	391	1.23	19.5		
WMW-18E	Purge; 3/16/10	1355	1.50	22.54	5.45	386	0.46	5.0		
WMW-18E	Purge; 3/16/10	1400	2.50	22.63	5.45	389	0.31	2.6		
WMW-18E	Sample; 3/17/10	1155	<.1	21.48	5.50	372	2.44	3.3	NO	NO

Notes: °C = degrees Celsius; µS/cm = microSeimens per centimeter; mg/L = milligrams per liter, parts per million;
NTU = Nephelometric Turbidity Units
* Turbidity Meter Malfunction.

APPENDIX B

LABORATORY ANALYTICAL DATA PACKAGE

ANALYTICAL REPORT

Job Number: 680-55974-1

Job Description: Cabot

For:

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

Attention: Mr. Mark Taylor



Approved for release.
Abbie G Yant
Project Manager I
3/30/2010 6:20 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
03/30/2010

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

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TestAmerica Laboratories, Inc.

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Job Narrative
680-55974-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 164051 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 164239 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch 164239 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: Sample ITW-13 (680-55974-3), ITW-14 (680-55974-4) was diluted due to the 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: The following sample(s) were dark in color and were diluted before analysis in order to avoid any matrix effect on the instrument: ITW-13 (680-55974-3), ITW-14 (680-55974-4).

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

Method(s) 3520C: Insufficient sample volume was provided to meet method-mandated requirements for matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 105613 Method 8310.

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

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: 680-55974-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-55974-1	ITW-1	Water	03/17/2010 1105	03/18/2010 1149
680-55974-2	ITW-2	Water	03/17/2010 1045	03/18/2010 1149
680-55974-3	ITW-13	Water	03/17/2010 0940	03/18/2010 1149
680-55974-4	ITW-14	Water	03/17/2010 1005	03/18/2010 1149
680-55974-5	ESE-002	Water	03/17/2010 1225	03/18/2010 1149
680-55974-6	ESE-004	Water	03/17/2010 1250	03/18/2010 1149
680-55974-7	ESE-007	Water	03/17/2010 0855	03/18/2010 1149
680-55974-8	WMW-17E	Water	03/17/2010 1140	03/18/2010 1149
680-55974-9	WMW-18E	Water	03/17/2010 1200	03/18/2010 1149
680-55974-10	Duplicate	Water	03/17/2010 0000	03/18/2010 1149
680-55974-11	Equipment Blank	Water	03/17/2010 0940	03/18/2010 1149
680-55974-12	TB-01	Water	03/17/2010 0000	03/18/2010 1149
680-55974-13	TB-02	Water	03/17/2010 0000	03/18/2010 1149

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-1

Lab Sample ID: 680-55974-1

Date Sampled: 03/17/2010 1105

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164051	Instrument ID: MSP
Preparation:	5030B		Lab File ID: p0207.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/25/2010 1541		Final Weight/Volume: 5 mL
Date Prepared:	03/25/2010 1541		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	107		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-2

Lab Sample ID: 680-55974-2

Date Sampled: 03/17/2010 1045

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164051	Instrument ID: MSP
Preparation:	5030B		Lab File ID: p0209.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/25/2010 1611		Final Weight/Volume: 5 mL
Date Prepared:	03/25/2010 1611		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	98		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-13

Lab Sample ID: 680-55974-3

Date Sampled: 03/17/2010 0940

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0243.d
Dilution:	2.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1839		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1839		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	290		50
Benzene	67		2.0
Bromoform	<2.0		2.0
Bromomethane	<2.0		2.0
2-Butanone (MEK)	180		20
Carbon disulfide	<4.0		4.0
Carbon tetrachloride	<2.0		2.0
Chlorobenzene	<2.0		2.0
Chlorodibromomethane	<2.0		2.0
Chloroethane	<2.0		2.0
Chloroform	<2.0		2.0
Chloromethane	<2.0		2.0
cis-1,3-Dichloropropene	<2.0		2.0
Dichlorobromomethane	<2.0		2.0
1,1-Dichloroethane	<2.0		2.0
1,2-Dichloroethane	<2.0		2.0
1,1-Dichloroethene	<2.0		2.0
1,2-Dichloropropane	<2.0		2.0
Ethylbenzene	140		2.0
2-Hexanone	49		20
Methylene Chloride	<10		10
4-Methyl-2-pentanone (MIBK)	<20		20
Styrene	<2.0		2.0
1,1,2,2-Tetrachloroethane	<2.0		2.0
Tetrachloroethene	<2.0	*	2.0
Toluene	170		2.0
trans-1,2-Dichloroethene	<2.0		2.0
trans-1,3-Dichloropropene	<2.0		2.0
1,1,1-Trichloroethane	<2.0		2.0
1,1,2-Trichloroethane	<2.0		2.0
Trichloroethene	<2.0		2.0
Vinyl chloride	<2.0		2.0
Xylenes, Total	85		4.0
Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	113		75 - 121
Toluene-d8 (Surr)	96		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-14

Lab Sample ID: 680-55974-4

Date Sampled: 03/17/2010 1005

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0242.d
Dilution:	5.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1816		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1816		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<120		120
Benzene	51		5.0
Bromoform	<5.0		5.0
Bromomethane	<5.0		5.0
2-Butanone (MEK)	<50		50
Carbon disulfide	<10		10
Carbon tetrachloride	<5.0		5.0
Chlorobenzene	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
Chloroethane	<5.0		5.0
Chloroform	<5.0		5.0
Chloromethane	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Dichlorobromomethane	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
1,1-Dichloroethene	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
Ethylbenzene	190		5.0
2-Hexanone	<50		50
Methylene Chloride	<25		25
4-Methyl-2-pentanone (MIBK)	<50		50
Styrene	31		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
Tetrachloroethene	<5.0	*	5.0
Toluene	650		5.0
trans-1,2-Dichloroethene	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
1,1,1-Trichloroethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Trichloroethene	<5.0		5.0
Vinyl chloride	<5.0		5.0
Xylenes, Total	570		10
Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-002

Lab Sample ID: 680-55974-5

Date Sampled: 03/17/2010 1225

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164051	Instrument ID: MSP
Preparation:	5030B		Lab File ID: p0211.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/25/2010 1641		Final Weight/Volume: 5 mL
Date Prepared:	03/25/2010 1641		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	95		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	107		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-004

Lab Sample ID: 680-55974-6

Date Sampled: 03/17/2010 1250

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164051	Instrument ID:	MSP
Preparation:	5030B		Lab File ID:	p0213.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/25/2010 1711		Final Weight/Volume:	5 mL
Date Prepared:	03/25/2010 1711			

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	98		75 - 120
Dibromofluoromethane	100		75 - 121
Toluene-d8 (Surr)	105		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-007

Lab Sample ID: 680-55974-7

Date Sampled: 03/17/2010 0855

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164051	Instrument ID: MSP
Preparation:	5030B		Lab File ID: p0215.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/25/2010 1741		Final Weight/Volume: 5 mL
Date Prepared:	03/25/2010 1741		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Benzene	2.6		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0	*	2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Ethylbenzene	5.9		1.0
2-Hexanone	<10		10
Methylene Chloride	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<10		10
Styrene	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	5.7		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	6.5		2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		75 - 120
Dibromofluoromethane	99		75 - 121
Toluene-d8 (Surr)	107		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-55974-8

Date Sampled: 03/17/2010 1140

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0239.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1709		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1709		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	115		75 - 121
Toluene-d8 (Surr)	97		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-55974-9

Date Sampled: 03/17/2010 1200

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0240.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1731		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1731		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		75 - 120
Dibromofluoromethane	115		75 - 121
Toluene-d8 (Surr)	93		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: Duplicate

Lab Sample ID: 680-55974-10

Date Sampled: 03/17/2010 0000

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0241.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1754		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1754		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		75 - 120
Dibromofluoromethane	113		75 - 121
Toluene-d8 (Surr)	94		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-55974-11

Date Sampled: 03/17/2010 0940

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0234.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1514		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1514		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		75 - 120
Dibromofluoromethane	112		75 - 121
Toluene-d8 (Surr)	95		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: TB-01

Lab Sample ID: 680-55974-12

Date Sampled: 03/17/2010 0000

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0235.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1537		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1537		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	112		75 - 121
Toluene-d8 (Surr)	95		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: TB-02

Lab Sample ID: 680-55974-13

Date Sampled: 03/17/2010 0000

Client Matrix: Water

Date Received: 03/18/2010 1149

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-164239	Instrument ID: MSP2
Preparation:	5030B		Lab File ID: p0236.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/26/2010 1559		Final Weight/Volume: 5 mL
Date Prepared:	03/26/2010 1559		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	110		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-1

Lab Sample ID: 680-55974-1

Date Sampled: 03/17/2010 1105

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163873	Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	t1254.d
Dilution:	1.0		Initial Weight/Volume:	1010 mL
Date Analyzed:	03/23/2010 1713		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.9		9.9
2,4-Dimethylphenol	<9.9		9.9
Pentachlorophenol	<50		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	80		38 - 116
2-Fluorophenol	77		36 - 110
2,4,6-Tribromophenol	98		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-2

Lab Sample ID: 680-55974-2

Date Sampled: 03/17/2010 1045

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163873	Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	t1255.d
Dilution:	1.0		Initial Weight/Volume:	1020 mL
Date Analyzed:	03/23/2010 1736		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

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

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	74		38 - 116
2-Fluorophenol	69		36 - 110
2,4,6-Tribromophenol	103		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-13

Lab Sample ID: 680-55974-3

Date Sampled: 03/17/2010 0940

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-164012	Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	t1258.d
Dilution:	50		Initial Weight/Volume:	980 mL
Date Analyzed:	03/25/2010 1119		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	4300		510
2,4-Dimethylphenol	2400		510
Pentachlorophenol	<2600		2600

Surrogate	%Rec	Qualifier	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: 680-55974-1

Client Sample ID: ITW-14

Lab Sample ID: 680-55974-4

Date Sampled: 03/17/2010 1005

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-164012	Instrument ID:	MST
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	t1259a.d
Dilution:	50		Initial Weight/Volume:	980 mL
Date Analyzed:	03/25/2010 1230		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<510		510
2,4-Dimethylphenol	4600		510
Pentachlorophenol	<2600		2600

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-002

Lab Sample ID: 680-55974-5

Date Sampled: 03/17/2010 1225

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163981	Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	n6740.d
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	03/24/2010 1305		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<50		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	72		38 - 116
2-Fluorophenol	71		36 - 110
2,4,6-Tribromophenol	107		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-004

Lab Sample ID: 680-55974-6

Date Sampled: 03/17/2010 1250

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163981	Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	n6741.d
Dilution:	1.0		Initial Weight/Volume:	980 mL
Date Analyzed:	03/24/2010 1328		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

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

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	65		38 - 116
2-Fluorophenol	62		36 - 110
2,4,6-Tribromophenol	94		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-007

Lab Sample ID: 680-55974-7

Date Sampled: 03/17/2010 0855

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163981	Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	n6742.d
Dilution:	1.0		Initial Weight/Volume:	1020 mL
Date Analyzed:	03/24/2010 1352		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	77		9.8
2,4-Dimethylphenol	56		9.8
Pentachlorophenol	<49		49

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	85		38 - 116
2-Fluorophenol	78		36 - 110
2,4,6-Tribromophenol	114		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-55974-8

Date Sampled: 03/17/2010 1140

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163981	Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	n6743.d
Dilution:	1.0		Initial Weight/Volume:	1020 mL
Date Analyzed:	03/24/2010 1416		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

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

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	69		38 - 116
2-Fluorophenol	65		36 - 110
2,4,6-Tribromophenol	99		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-55974-9

Date Sampled: 03/17/2010 1200

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163981	Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	n6744.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	03/24/2010 1439		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

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

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	80		38 - 116
2-Fluorophenol	76		36 - 110
2,4,6-Tribromophenol	106		40 - 139

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: Duplicate

Lab Sample ID: 680-55974-10

Date Sampled: 03/17/2010 0000

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163981	Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	n6745.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	03/24/2010 1503		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

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

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	60		38 - 116
2-Fluorophenol	57		36 - 110
2,4,6-Tribromophenol	99		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-55974-11

Date Sampled: 03/17/2010 0940

Client Matrix: Water

Date Received: 03/18/2010 1149

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

Method:	8270C	Analysis Batch: 680-163981	Instrument ID:	MSN
Preparation:	3520C	Prep Batch: 680-163482	Lab File ID:	n6746.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	03/24/2010 1526		Final Weight/Volume:	1 mL
Date Prepared:	03/19/2010 1242		Injection Volume:	1 uL

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

Surrogate	%Rec	Qualifier	Acceptance Limits
Phenol-d5	70		38 - 116
2-Fluorophenol	70		36 - 110
2,4,6-Tribromophenol	107		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-1

Lab Sample ID: 680-55974-1

Date Sampled: 03/17/2010 1105

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 1631		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

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	<0.50		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	Qualifier	Acceptance Limits
2-Chloroanthracene	90		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-2

Lab Sample ID: 680-55974-2

Date Sampled: 03/17/2010 1045

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 1705		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

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	<0.50		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	Qualifier	Acceptance Limits
2-Chloroanthracene	112		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-13

Lab Sample ID: 680-55974-3

Date Sampled: 03/17/2010 0940

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	10		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 1739		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<10		10
Acenaphthylene	<10		10
Anthracene	<10		10
Benzo[a]anthracene	<2.0		2.0
Benzo[a]pyrene	<2.0		2.0
Benzo[b]fluoranthene	<2.0		2.0
Benzo[g,h,i]perylene	<10		10
Benzo[k]fluoranthene	<5.0		5.0
Chrysene	<10		10
Dibenz(a,h)anthracene	<2.0		2.0
Fluoranthene	<10		10
Fluorene	<10		10
Indeno[1,2,3-cd]pyrene	<2.0		2.0
1-Methylnaphthalene	<10		10
2-Methylnaphthalene	<10		10
Naphthalene	13		10
Phenanthrene	<10		10
Pyrene	<10		10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	78		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-14

Lab Sample ID: 680-55974-4

Date Sampled: 03/17/2010 1005

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	20		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 1812		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	30	p	20
Acenaphthylene	300		20
Anthracene	<20		20
Benzo[a]anthracene	7.1	p	4.0
Benzo[a]pyrene	24		4.0
Benzo[b]fluoranthene	35	p	4.0
Benzo[g,h,i]perylene	<20		20
Benzo[k]fluoranthene	<10		10
Chrysene	100		20
Dibenz(a,h)anthracene	8.3	p	4.0
Fluoranthene	310	p	20
Fluorene	86	p	20
Indeno[1,2,3-cd]pyrene	4.1		4.0
1-Methylnaphthalene	230		20
2-Methylnaphthalene	230		20
Naphthalene	260		20
Phenanthrene	49		20
Pyrene	<20		20

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	332	X	27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-002

Lab Sample ID: 680-55974-5

Date Sampled: 03/17/2010 1225

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 1846		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	43		1.0
Acenaphthylene	<1.0		1.0
Anthracene	3.3	p	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	9.7	p	1.0
Fluorene	28		1.0
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	10	p	1.0
2-Methylnaphthalene	47		1.0
Naphthalene	40	P	1.0
Phenanthrene	29		1.0
Pyrene	4.9		1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	114		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-004

Lab Sample ID: 680-55974-6

Date Sampled: 03/17/2010 1250

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 1953		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

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	<0.50		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	Qualifier	Acceptance Limits
2-Chloroanthracene	83		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-007

Lab Sample ID: 680-55974-7

Date Sampled: 03/17/2010 0855

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 2027		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

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	<0.50		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	2.0		1.0
Phenanthrene	<1.0		1.0
Pyrene	<1.0		1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	111		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-55974-8

Date Sampled: 03/17/2010 1140

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 2101		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

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	<0.50		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	Qualifier	Acceptance Limits
2-Chloroanthracene	80		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-55974-9

Date Sampled: 03/17/2010 1200

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1050 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 2135		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.95		0.95
Acenaphthylene	<0.95		0.95
Anthracene	<0.95		0.95
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	<0.95		0.95
Benzo[k]fluoranthene	<0.48		0.48
Chrysene	<0.95		0.95
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	<0.95		0.95
Fluorene	<0.95		0.95
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	<0.95		0.95
2-Methylnaphthalene	<0.95		0.95
Naphthalene	<0.95		0.95
Phenanthrene	<0.95		0.95
Pyrene	<0.95		0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	85		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: Duplicate

Lab Sample ID: 680-55974-10

Date Sampled: 03/17/2010 0000

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 2208		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

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	<0.50		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	Qualifier	Acceptance Limits
2-Chloroanthracene	88		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-55974-11

Date Sampled: 03/17/2010 0940

Client Matrix: Water

Date Received: 03/18/2010 1149

8310 PAHs (HPLC)

Method:	8310	Analysis Batch: 400-106032	Instrument ID:	WIGGLE
Preparation:	3520C	Prep Batch: 400-105613	Initial Weight/Volume:	1050 mL
Dilution:	1.0		Final Weight/Volume:	1.0 mL
Date Analyzed:	03/22/2010 2242		Injection Volume:	
Date Prepared:	03/20/2010 1420		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.95		0.95
Acenaphthylene	<0.95		0.95
Anthracene	<0.95		0.95
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	<0.95		0.95
Benzo[k]fluoranthene	<0.48		0.48
Chrysene	<0.95		0.95
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	<0.95		0.95
Fluorene	<0.95		0.95
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	<0.95		0.95
2-Methylnaphthalene	<0.95		0.95
Naphthalene	<0.95		0.95
Phenanthrene	<0.95		0.95
Pyrene	<0.95		0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Chloroanthracene	100		27 - 146

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-1

Lab Sample ID: 680-55974-1

Client Matrix: Water

Date Sampled: 03/17/2010 1105

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 03/24/2010 0117
Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
Prep Batch: 680-163681

Instrument ID: ICPD
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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-2

Lab Sample ID: 680-55974-2

Client Matrix: Water

Date Sampled: 03/17/2010 1045

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 03/24/2010 0122
Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
Prep Batch: 680-163681

Instrument ID: ICPD
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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-13

Lab Sample ID: 680-55974-3

Client Matrix: Water

Date Sampled: 03/17/2010 0940

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B

Preparation: 3005A

Dilution: 1.0

Date Analyzed: 03/24/2010 0127

Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906

Prep Batch: 680-163681

Instrument ID: ICPD

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ITW-14

Lab Sample ID: 680-55974-4

Client Matrix: Water

Date Sampled: 03/17/2010 1005

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B

Analysis Batch: 680-163906

Instrument ID: ICPD

Preparation: 3005A

Prep Batch: 680-163681

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 03/24/2010 0133

Final Weight/Volume: 50 mL

Date Prepared: 03/22/2010 1658

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-002

Lab Sample ID: 680-55974-5

Date Sampled: 03/17/2010 1225

Client Matrix: Water

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 03/24/2010 0138
Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
Prep Batch: 680-163681

Instrument ID: ICPD
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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-004

Lab Sample ID: 680-55974-6

Date Sampled: 03/17/2010 1250

Client Matrix: Water

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 03/24/2010 0144
Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
Prep Batch: 680-163681

Instrument ID: ICPD
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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: ESE-007

Lab Sample ID: 680-55974-7

Date Sampled: 03/17/2010 0855

Client Matrix: Water

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 03/24/2010 0149
Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
Prep Batch: 680-163681

Instrument ID: ICPD
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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-55974-8

Date Sampled: 03/17/2010 1140

Client Matrix: Water

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 03/24/2010 0205
Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
Prep Batch: 680-163681

Instrument ID: ICPD
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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-55974-9

Date Sampled: 03/17/2010 1200

Client Matrix: Water

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 03/24/2010 0210
Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
Prep Batch: 680-163681

Instrument ID: ICPD
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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: Duplicate

Lab Sample ID: 680-55974-10

Date Sampled: 03/17/2010 0000

Client Matrix: Water

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B

Analysis Batch: 680-163906

Instrument ID: ICPD

Preparation: 3005A

Prep Batch: 680-163681

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 03/24/2010 0216

Final Weight/Volume: 50 mL

Date Prepared: 03/22/2010 1658

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-55974-11

Date Sampled: 03/17/2010 0940

Client Matrix: Water

Date Received: 03/18/2010 1149

6010B Metals (ICP)-Total Recoverable

Method: 6010B

Analysis Batch: 680-163906

Instrument ID: ICPD

Preparation: 3005A

Prep Batch: 680-163681

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 03/24/2010 0221

Final Weight/Volume: 50 mL

Date Prepared: 03/22/2010 1658

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

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
GC/MS Semi VOA	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
HPLC	X	Surrogate is outside control limits
	P	The %RPD between the primary and confirmation column/detector is >40%. The higher value has been reported
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Method Blank - Batch: 680-164051

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 680-164051/7
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 03/25/2010 1203
 Date Prepared: 03/25/2010 1203

Analysis Batch: 680-164051
 Prep Batch: N/A
 Units: ug/L

Instrument ID: MSP
 Lab File ID: pq199.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	75 - 120
Dibromofluoromethane	106	75 - 121
Toluene-d8 (Surr)	103	75 - 120

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-164051**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 680-164051/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/25/2010 1023
Date Prepared: 03/25/2010 1023

Analysis Batch: 680-164051
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP
Lab File ID: pq193.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-164051/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/25/2010 1053
Date Prepared: 03/25/2010 1053

Analysis Batch: 680-164051
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP
Lab File ID: pq195.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	90	78	17 - 175	14	50		
Benzene	113	113	77 - 119	0	30		
Bromoform	93	89	62 - 133	4	30		
Bromomethane	56	58	12 - 184	4	50		
2-Butanone (MEK)	93	86	33 - 157	8	30		
Carbon disulfide	132	125	55 - 131	5	30	*	
Carbon tetrachloride	125	124	71 - 135	0	30		
Chlorobenzene	105	103	85 - 116	2	30		
Chlorodibromomethane	95	95	75 - 133	0	30		
Chloroethane	123	122	40 - 165	1	50		
Chloroform	105	105	82 - 120	0	30		
Chloromethane	110	105	48 - 142	5	50		
cis-1,2-Dichloroethene	105	100	69 - 134	5	30		
cis-1,3-Dichloropropene	112	106	76 - 126	6	30		
Dichlorobromomethane	99	97	78 - 127	2	30		
1,1-Dichloroethane	104	100	74 - 127	4	30		
1,2-Dichloroethane	102	101	66 - 132	1	30		
1,1-Dichloroethene	105	98	62 - 141	7	30		
1,2-Dichloropropane	108	107	73 - 124	1	30		
Ethylbenzene	111	107	86 - 116	4	30		
2-Hexanone	89	91	34 - 161	2	30		
Methylene Chloride	111	105	70 - 125	5	30		
4-Methyl-2-pentanone (MIBK)	93	89	40 - 151	5	30		
Styrene	103	98	82 - 122	5	30		
1,1,2,2-Tetrachloroethane	83	81	69 - 129	2	30		
Tetrachloroethene	108	101	76 - 126	7	30		
Toluene	113	107	81 - 117	5	30		
trans-1,2-Dichloroethene	104	100	72 - 131	4	30		
trans-1,3-Dichloropropene	103	106	73 - 128	2	30		
1,1,1-Trichloroethane	108	109	76 - 127	1	30		
1,1,2-Trichloroethane	94	90	75 - 121	4	30		
Trichloroethene	106	104	84 - 115	2	30		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-164051**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 680-164051/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/25/2010 1023
Date Prepared: 03/25/2010 1023

Analysis Batch: 680-164051
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP
Lab File ID: pq193.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-164051/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/25/2010 1053
Date Prepared: 03/25/2010 1053

Analysis Batch: 680-164051
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP
Lab File ID: pq195.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Vinyl chloride	116	115	59 - 144	1	50		
Xylenes, Total	110	107	84 - 118	3	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	99		98		75 - 120		
Dibromofluoromethane	104		104		75 - 121		
Toluene-d8 (Surr)	111		106		75 - 120		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Method Blank - Batch: 680-164239

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 680-164239/17
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 03/26/2010 1334
 Date Prepared: 03/26/2010 1334

Analysis Batch: 680-164239
 Prep Batch: N/A
 Units: ug/L

Instrument ID: MSP2
 Lab File ID: pq218.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	75 - 120
Dibromofluoromethane	113	75 - 121
Toluene-d8 (Surr)	96	75 - 120

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-164239**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 680-164239/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/26/2010 1204
Date Prepared: 03/26/2010 1204

Analysis Batch: 680-164239
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP2
Lab File ID: pq212.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-164239/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/26/2010 1234
Date Prepared: 03/26/2010 1234

Analysis Batch: 680-164239
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP2
Lab File ID: pq214.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	90	96	17 - 175	6	50		
Benzene	98	99	77 - 119	0	30		
Bromoform	131	130	62 - 133	1	30		
Bromomethane	83	84	12 - 184	1	50		
2-Butanone (MEK)	100	99	33 - 157	0	30		
Carbon disulfide	104	103	55 - 131	0	30		
Carbon tetrachloride	112	111	71 - 135	1	30		
Chlorobenzene	116	115	85 - 116	0	30		
Chlorodibromomethane	119	116	75 - 133	3	30		
Chloroethane	68	60	40 - 165	13	50		
Chloroform	112	111	82 - 120	0	30		
Chloromethane	70	68	48 - 142	3	50		
cis-1,2-Dichloroethene	119	119	69 - 134	1	30		
cis-1,3-Dichloropropene	102	102	76 - 126	0	30		
Dichlorobromomethane	99	97	78 - 127	2	30		
1,1-Dichloroethane	110	108	74 - 127	3	30		
1,2-Dichloroethane	91	93	66 - 132	2	30		
1,1-Dichloroethene	117	116	62 - 141	1	30		
1,2-Dichloropropane	96	94	73 - 124	1	30		
Ethylbenzene	114	110	86 - 116	4	30		
2-Hexanone	99	99	34 - 161	0	30		
Methylene Chloride	104	101	70 - 125	3	30		
4-Methyl-2-pentanone (MIBK)	90	93	40 - 151	3	30		
Styrene	119	115	82 - 122	3	30		
1,1,2,2-Tetrachloroethane	104	103	69 - 129	1	30		
Tetrachloroethene	132	129	76 - 126	2	30	*	*
Toluene	104	103	81 - 117	1	30		
trans-1,2-Dichloroethene	120	118	72 - 131	2	30		
trans-1,3-Dichloropropene	100	103	73 - 128	3	30		
1,1,1-Trichloroethane	106	106	76 - 127	0	30		
1,1,2-Trichloroethane	98	100	75 - 121	2	30		
Trichloroethene	114	114	84 - 115	0	30		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-164239**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 680-164239/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/26/2010 1204
Date Prepared: 03/26/2010 1204

Analysis Batch: 680-164239
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP2
Lab File ID: pq212.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-164239/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/26/2010 1234
Date Prepared: 03/26/2010 1234

Analysis Batch: 680-164239
Prep Batch: N/A
Units: ug/L

Instrument ID: MSP2
Lab File ID: pq214.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Vinyl chloride	82	80	59 - 144	2	50		
Xylenes, Total	116	112	84 - 118	3	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	102		101		75 - 120		
Dibromofluoromethane	117		119		75 - 121		
Toluene-d8 (Surr)	105		104		75 - 120		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Method Blank - Batch: 680-163482

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-163482/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2010 1230
Date Prepared: 03/19/2010 1242

Analysis Batch: 680-163873
Prep Batch: 680-163482
Units: ug/L

Instrument ID: MST
Lab File ID: t1243.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Phenol	<10		10
2,4-Dimethylphenol	<10		10
Pentachlorophenol	<50		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Phenol-d5	87	38 - 116	
2-Fluorophenol	83	36 - 110	
2,4,6-Tribromophenol	95	40 - 139	

Lab Control Sample - Batch: 680-163482

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-163482/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2010 1317
Date Prepared: 03/19/2010 1242

Analysis Batch: 680-163873
Prep Batch: 680-163482
Units: ug/L

Instrument ID: MST
Lab File ID: t1244.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	100	73.2	73	39 - 110	
2,4-Dimethylphenol	100	67.4	67	36 - 110	
Pentachlorophenol	100	79.2	79	37 - 132	
<hr/>					
Surrogate	% Rec		Acceptance Limits		
Phenol-d5	83		38 - 116		
2-Fluorophenol	82		36 - 110		
2,4,6-Tribromophenol	91		40 - 139		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Method Blank - Batch: 400-105613

Lab Sample ID: MB 400-105613/13-A
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 03/22/2010 1524
 Date Prepared: 03/20/2010 1420

Analysis Batch: 400-106032
 Prep Batch: 400-105613
 Units: ug/L

**Method: 8310
 Preparation: 3520C**

Instrument ID: WIGGLE
 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	105	27 - 146	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Lab Control Sample - Batch: 400-105613

Method: 8310
Preparation: 3520C

Lab Sample ID: LCS 400-105613/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/22/2010 1558
Date Prepared: 03/20/2010 1420

Analysis Batch: 400-106032
Prep Batch: 400-105613
Units: ug/L

Instrument ID: WIGGLE
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	8.55	85	40 - 111	
Acenaphthylene	10.0	7.27	73	41 - 106	
Anthracene	10.0	7.90	79	50 - 116	
Benzo[a]anthracene	10.0	8.54	85	55 - 113	
Benzo[a]pyrene	10.0	7.61	76	40 - 126	
Benzo[b]fluoranthene	10.0	7.94	79	41 - 111	
Benzo[g,h,i]perylene	10.0	5.52	55	14 - 122	
Benzo[k]fluoranthene	10.0	7.74	77	34 - 114	
Chrysene	10.0	8.96	90	60 - 125	
Dibenz(a,h)anthracene	10.0	4.91	49	11 - 130	
Fluoranthene	10.0	8.39	84	55 - 132	
Fluorene	10.0	7.64	76	44 - 106	
Indeno[1,2,3-cd]pyrene	10.0	7.16	72	30 - 121	
1-Methylnaphthalene	10.0	7.57	76	30 - 111	
2-Methylnaphthalene	10.0	7.60	76	27 - 110	
Naphthalene	10.0	5.63	56	27 - 114	
Phenanthrene	10.0	8.40	84	54 - 114	
Pyrene	10.0	8.83	88	54 - 124	
Surrogate			% Rec	Acceptance Limits	
2-Chloroanthracene			107	27 - 146	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-55974-1

Method Blank - Batch: 680-163681

Lab Sample ID: MB 680-163681/17-A
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 03/24/2010 0106
 Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
 Prep Batch: 680-163681
 Units: ug/L

**Method: 6010B
 Preparation: 3005A
 Total Recoverable**

Instrument ID: ICPD
 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: 680-163681

Lab Sample ID: LCS 680-163681/18-A
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 03/24/2010 0111
 Date Prepared: 03/22/2010 1658

Analysis Batch: 680-163906
 Prep Batch: 680-163681
 Units: ug/L

**Method: 6010B
 Preparation: 3005A
 Total Recoverable**

Instrument ID: ICPD
 Lab File ID: N/A
 Initial Weight/Volume: 50 mL
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1980	99	75 - 125	
Chromium	200	202	101	75 - 125	

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

Chain of Custody Record

Client Information Client Contact: Mr. Ralph McKeen Company: Weston Solutions, Inc. Address: 5430 Metric Place Suite 100 City: Norcross State, Zip: GA, 30092 Phone: 352-338-1466(Tel) Email: ralph.mckeen@westonsolutions.com Project #: 5.79101E+13 Project Name: Weston Solutions, Inc./Cabot Qrlty Site:		Sampler: Eric Sandusky Lab PM: Yant, Abbie G Phone: 678-516-7299 E-Mail: abbie.yant@testamericainc.com Carrier Tracking No(s): COC No: 680-26689.1 Page: Page 1 of 2 Job #:			
Due Date Requested: TAT Requested (days): Studied		Analysis Requested 6010B - As, Cr 8270C - Select SVOCs 8310 - PAH's 8260B - BTEX & MTBE			
Field Filled Sample (Yes or No) <input checked="" type="checkbox"/> Return MS/MSD (Yes or No) <input checked="" type="checkbox"/>		Total Number of Containers: 8			
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=other) Preservation Code		Special Instructions/Note: Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)			
ITW-1	3-17-10	1105	G	Water	1
ITW-2		1045		Water	2
ITW-13		0940		Water	3
ITW-14		1005		Water	2
ESE-002		1225		Water	2
ESE-004		1250		Water	2
ESE-007		0855		Water	2
WMW-17E		1140		Water	2
WMW-18E		1200		Water	2
Duplicate		0000		Water	2
Equipment Blank		0940	V	Water	2
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:
Empty Kit Relinquished by:					Method of Shipment:
Relinquished by: Eric Sandusky Date: 3-18-10 11:49 Company: Weston					Relinquished by: [Signature] Date: 3-18-10 11:49 Company: TA Sav.
Relinquished by:					Relinquished by: [Signature] Date: 680-559774 Company:
Relinquished by:					Relinquished by: [Signature] Date: 3/18/10 11:49 Company:
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:					Other (Temperature) °C and Other Remarks: 2.8, 1.2, 1.6, 3.4, 1.8, 2.6

Chain of Custody Record

Client Information Mr. Ralph McKeen Company: Weston Solutions, Inc. Address: 5430 Metric Place Suite 100 City: Norcross State/Zip: GA, 30092 Phone: 352-338-1466(Tel) Email: ralph.mckean@westonsolutions.com Project Name: Weston Solutions, Inc./Cabot Qirly Site:		Lab PM: Yant, Abbie G E-Mail: abbie.yant@testamericainc.com Camer Tracking No(s): COC No: 680-26689.2 Page: Page 2 of 2 Job #:	
Due Date Requested: TAT Requested (days): <i>Standard</i>		Analysis Requested 8260B - BTEX & MTBE 8310 - PAH's 8270C - Select SVOCs 6010B - As, Cr Field Filtered Sample (Yes or No) Perform MSMSD (Yes or No)	
Sample Date: 3 Sample Time: 3-17-10 Sample Time: 3-17-10		Matrix (H=Water, S=solid, O=Oxidation, BT=Titrate, A=Air) Water Water Water Water	
TB-01 TB-02		Special Instructions/Note: Total Number of Containers: 2 2 2	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			
Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by:			
Relinquished by: <i>Eril Sendusky</i> Date/Time: 3-18-10 11:49		Relinquished by: Date/Time:	
Relinquished by: Date/Time:		Relinquished by: Date/Time:	
Relinquished by: Date/Time:		Relinquished by: Date/Time:	
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: 28112, 1.6, 3.4, 1.8, 2.6	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Method of Shipment: Date/Time: 3-18-10 11:49 Date/Time: 680-559974 Date/Time:	
Special Instructions/QC Requirements:			

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	NS	28	NS	NS	NS	130
	Anthracene	<10	NS	2	ND	NS	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	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	NS	ND	NS	NS	NS	0.003	
Benzene	25	NS	14	12	NS	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	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	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	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	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	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	NS	ND	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	ND	0.9	0.39	0.2	ND	1,310
	Pyrene	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	2.4	ND	ND	ND	130
	Fluorene	NS	NS	NS	NS	NS	NS	0.7	ND	ND	ND	ND	0.3	1.2	1.3	ND	323
	PCP	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	94	ND	ND	0.1
	Phenol	NS	NS	NS	NS	NS	NS	NS	ND	3,000	ND	ND	ND	ND	340	ND	2,630
Phenanthrene	NS	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	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	NS	ND	ND	ND	ND	19	ND	ND	50	
	PCP	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	34	ND	ND	0.1	
	Acenaphthylene	NS	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	NS	ND	ND	ND	ND	ND	0.21	ND	130	
	Fluorene	NS	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	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	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	ND	0.21	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
ESE-006	Benzene	NS	<100	50	49	59	45	75	130	56	48	86	85	90	150	1
	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
ESE-007	Benzene	NS	320	65	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	1
	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	**
ITF-3 ++	Xylenes	NS	NS	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**
	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	**
ITF-3 ++	Xylenes	NS	NS	1.1	1.6	1.4	1.3	3	2	2.1	NS	NS	NS	NS	NS	**

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

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

All results are in µg/L.

µg/L = micrograms per liter.

MDL = laboratory method detection limit.

ND = not detected above the MDL.

NS = not sampled for indicated compound.

* The new EPA MCL for chromium is 100 µg/L. As per the ROD, this new MCL replaces the previous cleanup goals of 50 µg/L.

** Cleanup goal for indicated compound has not been established.

+ Analytical results from January 1994 are suspect. Past groundwater data review indicates sample bottles may have been mislabeled.

++ Sampled only for BTEX constituents.

APPENDIX D

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

Appendix D

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

WELL DESIGNATION	PARAMETERS	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09	Mar-10	ROD cleanup goal	
ITW-1	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
ITW-1	Anthracene	ND	ND	ND	ND	ND	0.079	0.044	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310
ITW-1	Fluorene	0.9	0.54	0.81	0.49	0.32	0.31	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323	
ITW-1	Naphthalene	ND	ND	ND	ND	ND	ND	1.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	
ITW-1	Phenanthrene	ND	ND	ND	ND	ND	0.045	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	
ITW-1	1-Methylnaphthalene	ND	ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*	
ITW-1	2-Methylnaphthalene	ND	ND	ND	ND	ND	0.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*	
ITW-2	Benzene	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	+	1	
ITW-2	Total Xylenes	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	+	ND	*	
ITW-2	Acenaphthene	ND	0.66	1.3	0.8	0.12	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260	
ITW-2	Anthracene	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310	
ITW-2	Fluoranthene	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*	
ITW-2	Fluorene	0.98	1	1.6	1.3	0.61	52	0.19	ND	0.56	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323	
ITW-2	Naphthalene	ND	ND	ND	ND	ND	28	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	
ITW-2	Phenanthrene	ND	ND	ND	ND	ND	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	
ITW-2	Pyrene	ND	ND	ND	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	
ITW-2	2-Methylnaphthalene	ND	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*	
ITW-2	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*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	86	98	67	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	310	260	170	*	
ITW-13	Ethylbenzene	320	300	220	370	240	240	260	250	190	230	240	260	260	280	280	300	270	270	260	270	350	320	290	220	280	310	300	170	140	*	
ITW-13	Total Xylenes	208	174	116	255	154	135	144	150	120	150	140	160	160	190	190	190	180	180	170	160	210	200	180	120	170	180	180	98	85	*	
ITW-13	Acenaphthene	ND	0.52	ND	ND	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260	
ITW-13	Acenaphthylene	56	24	ND	ND	13	1.2	12	ND	ND	ND	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	
ITW-13	Anthracene	ND	ND	ND	ND	0.0084	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310	
ITW-13	Benzo (a) anthracene	ND	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH	
ITW-13	Benzo (b) fluoranthene	ND	ND	ND	ND	0.031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH	
ITW-13	Fluorene	0.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323	
ITW-13	Naphthalene	84	55	80	35	28	36	34	ND	24	23	21	31	54	48	45	26	ND	45	71	41	53	38	50	37	19	24	29	14	13	18	
ITW-13	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	
ITW-13	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	0.043	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	
ITW-13	1-Methylnaphthalene	2.5	4.3	ND	3	1.2	ND	ND	ND	ND	ND	ND	ND	2.7	4.6	3.3	ND	ND	5.8	ND	2.3	3.3	ND	ND	ND	ND	ND	ND	ND	ND	*	
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	2.3	3.9	ND	ND	ND	ND	ND	ND	ND	ND	*	
ITW-13	Phenol	9000	4100	2000	5800	7700	4200	10000	5300	2400	ND	940	5200	6200	13000	8800	4600	1500	3100	6100	6300	5900	8300	8100	7800	4700	7500	5100	8300	4300	2630	
ITW-13	2,4-Dimethylphenol	3000	3300	2600	2000	2800	2200	2700	2900	1800	990	2600	2200	1800	3100	2600	1900	830	1800	2200	2000	2300	2400	3300	2000	2000	2900	2200	2400	2400	*	
ITW-13	2-Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	1800	440	1700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*	
ITW-13	3&4-Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	6000	950	2700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*	
ITW-13	Arsenic	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	12	10	ND	ND	ND	ND	ND	ND	ND	50	
ITW-13	Chromium	22	ND	ND	ND	12	ND	ND	ND	14	ND	ND	ND	11	ND	ND	ND	ND	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	35	55	51	1	
ITW-14	Toluene	490	360	590	880	540	730	300	630	440	470	380	350	440	420	790	650	230	670	500	580	700	430	380	610	830	580	470	770	650	*	
ITW-14	Ethylbenzene	130	120	120	210	140	140	ND	150	110	130	110	94	120	120	210	150	97	200	120	160	160	120	110	150	190	180	130	200	190	*	
ITW-14	Total Xylenes	468	345	395	624	389	444	ND	470	320	440	330	270	320	350	620	470	280	640	380	470	480	380	320	420	560	470	370	560	570	*	
ITW-14	Acenaphthene	170	66	34	36	240	77	4.8	60	ND	ND	ND	ND	ND	ND	23	250	ND	ND	ND	ND	17	ND	ND	ND	160	ND	ND	6	30	260	
ITW-14	Acenaphthylene	1000	440	ND	76	1000	370	83	ND	ND	ND	420	ND	ND	ND	480	610	320	240	**4900	ND	380	260	560	490	990	140	1700	64	300	130	
ITW-14	Anthracene	44	12	ND	9.1	76	0.3																									

Appendix D

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

WELL DESIGNATION	PARAMETERS	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09	Mar-10	ROD cleanup goal
WMW-17E	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
WMW-17E	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	*	
WMW-17E	Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	*	
WMW-17E	Acenaphthene	ND	ND	0.37	0.26	ND	0.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260		
WMW-17E	Acenaphthylene	ND	ND	ND	ND	0.14	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	2.5	ND	ND	5.7	ND	ND	2.7	ND	ND	ND	ND	130		
WMW-17E	Anthracene	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310		
WMW-17E	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323		
WMW-17E	Naphthalene	ND	ND	ND	ND	ND	0.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	2.5	1.6	1.7	ND	ND	ND	ND	18		
WMW-17E	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130		
WMW-17E	Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130		
WMW-17E	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	1.3	2	ND	1.1	ND	ND	ND	ND	*		
WMW-17E	2-Methylnaphthalene	ND	ND	ND	ND	ND	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
WMW-17E	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
WMW-17E	PCP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1		
WMW-17E	Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,630		
WMW-17E	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	11	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100		
WMW-18E	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1		
WMW-18E	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
WMW-18E	Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
WMW-18E	Acenaphthene	ND	ND	ND	ND	ND	0.056	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260		
WMW-18E	Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130		
WMW-18E	Benzo(b)fluoranthene	ND	ND	ND	ND	ND	0.0047	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH		
WMW-18E	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323		
WMW-18E	Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18		
WMW-18E	Phenanthrene	ND	ND	ND	ND	ND	0.029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130		
WMW-18E	Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130		
WMW-18E	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	ND	0.0047	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003		
WMW-18E	1-Methylnaphthalene	ND	ND	ND	ND	ND	0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
WMW-18E	2-Methylnaphthalene	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
WMW-18E	PCP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1		
WMW-18E	2,4-Dimethylphenol	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
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	12	ND	100		
WMW-18E	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50		
ESE-002	Benzene	ND	ND	ND	2	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1		
ESE-002	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
ESE-002	Total Xylenes	2	1	ND	3.3	2	ND	ND	3.1	5.2	ND	ND	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
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	20	9.6	37.0	18.0	2.6	11.0	17.0	43.0	260	
ESE-002	Acenaphthylene	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	1.6	ND	1.0	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	5.7	2.8	ND	2.3	ND	ND	ND	2.1	1.3	3.3	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	0.23	0.19	ND	ND	ND	ND	ND	ND	ND	ND	PAH		
ESE-002	Chrysene	ND	ND	ND	ND	0.057	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	PAH		
ESE-002	Fluoranthene	3.8	9.4	6.2	5.7	9.8	ND	7.3	8.2	ND	ND	8.5	5.6	4.7	5.3	6.6	ND	4.7	2.6	ND	18	9	9.1	6.1	10	12	ND	14	6.1	9.7	*
ESE-002	Fluorene	4.9	12.0	8.4	14	54	1.1	30.0	12.0	35.0	ND	22	4.5	3.6	7.8	2.1	3.8	2.3	1.5	34	ND	ND	11	ND	21	9	ND	4	ND	28	323
ESE-002	Naphthalene	1.8	5.6	3	10	65	ND	ND	6.2	ND	ND	ND	3	ND	ND	ND	ND	0.93	ND	ND	ND	2.6	ND	24	18	ND	1.9	4.5	40	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	10	ND	ND	21	ND	13	4	ND	8.5	13	29	130	
ESE-002	Pyrene	1.8	3.3	4.1	3.1	3.1	ND	ND	4.4	ND	ND	ND	3.6	2.5	2.5	2.7	2.6	1.6	1.5	4.8	11	3.9	4.2	4.1	4.2	5.5	1.2	5.1	3.1	4.9	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	2.4	ND	11	4.7	ND	2.9	2.8	10	*	
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	11	3.1	14	5.5	1.2	2.9	7.2	47	*	
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	0.23	0.19	ND	ND	ND	ND	ND	ND	ND	ND	0.003		
ESE-002	Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,630		
ESE-002	2,4-Dimethylphenol	12	ND	ND	12	ND	ND	ND	13	ND	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
ESE-002	Chromium	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	10	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100		
ESE-004	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1		
ESE-004	Ethylbenzene	ND	2.2	1.3	2.2	1.7	1.6	ND	2.0	1.3	1.8	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*		
ESE-004	Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130		
ESE-004	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310		
ESE-004	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323		
ESE-004	Naphthalene	ND	ND	ND	0.38	ND	0.48	ND	ND																						

Appendix D

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

WELL DESIGNATION	PARAMETERS	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09	Mar-10	ROD cleanup goal
ESE-007	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,310
ESE-007	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	323
ESE-007	Naphthalene	2.6	2.2	3.8	2.3	1.5	4.2	3.5	5.2	1.9	2.3	2.3	ND	ND	1.6	1.6	ND	4.5	10	12	6.6	3.7	7.5	2.1	1.1	1.4	1.1	2.1	6.2	2	18
ESE-007	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	1.9	ND	ND	ND	ND	1.2	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	1.1	ND	*	
ESE-007	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003
ESE-007	Phenol	680	390	52	28	33	650	1000	290	40	330	130	490	230	270	58	1400	3400	1500	2000	1400	390	2700	ND	16	ND	33	41	ND	77	2,630
ESE-007	2,4- Dimethylphenol	ND	80	62	40	41	280	210	ND	35	99	64	95	56	140	36	330	600	520	680	410	230	500	220	88	48	59	64	ND	56	*
ESE-007	2- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	15	61	36	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*
ESE-007	3&4- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	79	320	170	360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*
ESE-007	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	20	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	
ESE-007	Chromium	22	190	1900	1900	87	490	510	240	63	37	24	11	11	110	150	230	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	ND	ND	ND	*100

+ = ITW-2 VOC sample bottle broken

All results are in ug/l (micrograms per liter).

ND = Not detected above the MDL.

NS = Not sampled for indicated compound.

* = 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.