



Weston Solutions, Inc.
Suite 100
5430 Metric Place
Norcross, GA 30092
Phone: (770) 325-7900
Fax: (770) 325-7950

February 3, 2009

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

Work Order No. 05791.008.001.0001

Re: Submittal of Fourth Quarter 2008 Groundwater Sampling Results
Former Cabot Carbon Site, Gainesville, Florida

Dear Mr. Miller:

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

The first quarter 2009 sampling event will occur in March 2009.

Sincerely,

WESTON SOLUTIONS, INC.

A handwritten signature in blue ink that reads "Ralph P. McKeen".

Ralph P. McKeen, P.E.
Project Manager

WRM/smo

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

**RESULTS OF QUARTERLY GROUNDWATER SAMPLING
CONDUCTED DECEMBER 17, 2008, FOR
FOURTH QUARTER, 2008**

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

Prepared for:

**Cabot Corporation
Two Seaport Lane, Suite 1300
Boston, Massachusetts 02210**

Prepared by:

***Weston Solutions, Inc.
Suite 100
5430 Metric Place
Norcross, Georgia 30092
(770) 325-7900***

February 2009

WESTON WORK ORDER NO. 05791.008.001.0001

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1	BACKGROUND	1-1
2	METHODOLOGY	2-1
3	WATER LEVEL MEASUREMENTS.....	3-1
	3.1 Surficial Aquifer	3-2
	3.2 Intermediate Aquifer	3-2
4	ANALYTICAL RESULTS	4-1
5	FINDINGS.....	5-1

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page</u>
Figure 1-1	Site Map	1-2
Figure 3-1	Water Table Elevations in the Surficial Aquifer, December 15, 2008	3-4

TABLE OF CONTENTS (Continued)

LIST OF TABLES

<u>Table</u>	<u>Title</u>	<u>Page</u>
Table 2-1	Monitoring Wells Sampled and Corresponding Analytical Parameters, Fourth Quarter 2008	2-2
Table 3-1	Groundwater Depths and Elevations, December 2008 Sampling Event	3-3
Table 4-1	Summary of Surficial Aquifer Groundwater Analytical Data Exceeding ROD Cleanup Goals,	4-2

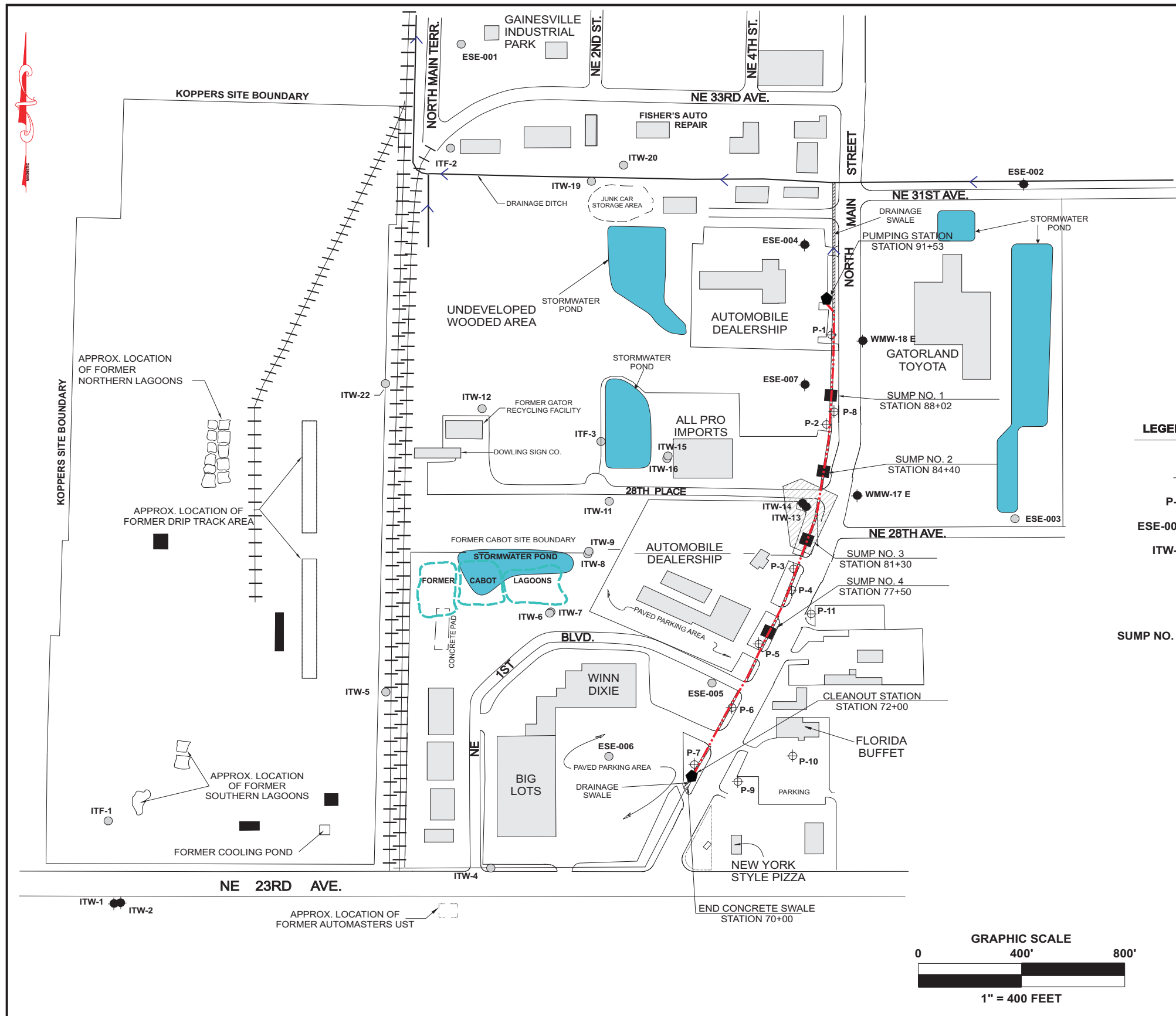
LIST OF APPENDICES

- APPENDIX A – Well Purge Data
- APPENDIX B – Laboratory Analytical Data Package
- APPENDIX C – Summary of Pre-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida
- APPENDIX D – Summary of Recent Post-Remedial Action Groundwater Data
Eastern Site, Gainesville, Florida

SECTION 1
BACKGROUND

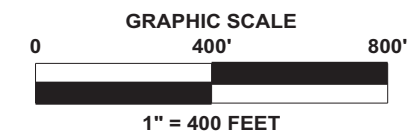
The purpose of the fourth quarter 2008 sampling conducted by Weston Solutions, Inc., (WESTON®) is to evaluate the effectiveness of the groundwater collection system that has been installed along the border of the eastern portion of the Cabot Carbon/Koppers Superfund Site (Eastern Site) (Figure 1-1). 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 fourth quarter 2008 groundwater sampling event.

NOTE:
THIS FIGURE HAS BEEN GENERATED IN COLOR; IF REPRODUCED IN BLACK AND WHITE,
THE CLARITY OF THE INFORMATION PRESENTED WILL BE SUBSTANTIALLY DIMINISHED.



LEGEND

- 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: J. FERENTZ	DATE: DEC 08	DES. ENG.:	DATE:	W.O. NO.: 05791.008.001.0001
CHECKED: R. McKEEN	DATE: DEC 08	APPROVED:	DATE:	FILE NAME: CABOTSITEMAP.CDR

SECTION 2

METHODOLOGY

Groundwater samples were collected from the Eastern Site monitoring wells by Weston Solutions, Inc. on December 17, 2008. 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,
Fourth Quarter 2008**

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 December 15, 2008, 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 will be resurveyed to obtain corrected well casing elevations for precise water level elevation data. All other wells installed at the site are in good condition and, with the exception of abandoned monitor wells ITW-3, ITW-10, ITW-12, ITW-21, and piezometer P-1 are included in the water level measurements normally taken at the site. These wells are not included in the determination of the potentiometric surface.

Historically, wells ITW-17 and ITW-18 were replaced by WMW-17E and WMW-18E. A new car dealership (Gatorland Toyota) was developed in 2007 east of North Main Street in the vicinity of monitor wells WMW-17E and WMW-18E. The site development activities included raising this once low area to match the roadway elevations of North Main Street. Consequently, WMW-17E and WMW-18E were extended and a new concrete pad, bollards, and protective casing installed in February 2007. The top of casing elevations used for this sampling event were measured from the site development surveyed existing grade elevations. These wells are planned to be re-surveyed at the same time as 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 September 23, 2008.

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 December 2008 groundwater elevation data, the average hydraulic gradient in the southern portion of the Eastern Site is calculated to be approximately 5.45×10^{-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 7.44×10^{-3} ft/ft. Groundwater elevations indicate that the interceptor trench maintains effective control of the groundwater in the upper surficial aquifer. For example, groundwater in the area of well WMW-18E continues to flow west towards the interceptor trench (see Figure 3-1).

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

3.2 INTERMEDIATE AQUIFER

Based on groundwater elevations from the three intermediate aquifer wells, the groundwater flow direction in this aquifer continues to be generally toward the northeast. A downward hydraulic gradient continues to be present between the surficial and intermediate aquifers. On December 15, 2008, a head difference of approximately 32.81 feet was measured between surficial aquifer well ITW-11 and intermediate aquifer well ITF-3 (see Table 3-1).

Table 3-1
Groundwater Depths and Elevations
December 2008 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	December 15, 2008 Field Measured Water Depth Below Top of Casing (Feet) ²	Groundwater Elevation Feet (MSL)	Depth of Screened Interval ⁴
ITW-1	188.47	10.59	177.88	15.50 - 25.50
ITW-2	187.48	9.56	177.92	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	13.30	174.52	5.00 - 15.00
ITW-5	185.34	10.98	174.36	19.00 - 24.00
ITW-6	183.10	11.53	171.57	18.50 - 28.50
ITW-7 ⁵	182.97	11.41	171.56	8.50 - 18.50
ITW-8	180.81	9.41	171.40	18.50 - 28.50
ITW-9	180.30	9.50	170.80	8.00 - 18.00
ITW-10	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
ITW-11	180.91	10.30	170.61	6.00 - 16.00
ITW-12	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
ITW-13	174.14	8.50	165.64	23.00 - 33.00
ITW-14⁶	174.80	Approx. 0.2 foot product	Not Measured	5.00 - 15.00
ITW-15 ⁷	179.30	7.90	Top of Casing Elev. Changed	20.00 - 30.00
ITW-16 ⁷	178.86	7.21	Top of Casing Elev. Changed	12.50 - 22.50
ITW-19	169.74	9.77	159.97	11.00 - 31.00
ITW-20	169.77	10.48	159.29	11.00 - 31.00
ITW-21 ⁵	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
ITW-22 ⁵	178.61	11.09	167.52	3.00 - 13.00
ESE-001	162.05	9.26	152.79	6.50 - 21.20
ESE-002	169.08	6.93	162.15	8.00 - 23.00
ESE-003	171.86	5.90	165.96	9.00 - 29.00
ESE-004⁵	166.69	9.41	157.28	6.50 - 21.50
ESE-005	178.23	10.33	167.90	9.50 - 29.50
ESE-006	180.39	9.41	170.98	7.50 - 27.50
ESE-007	168.42	4.21	164.21	7.50 - 22.50
WMW-17E⁵	175.50	9.36	166.14	9.00 - 29.00
WMW-18E	172.69	6.87	165.82	9.00 - 29.00
ITF-1	186.63	22.57	164.06	69.00 - 79.00
ITF-2	168.95	37.70	131.25	71.00 - 81.00
ITF-3	176.89	39.09	137.80	69.50 - 79.50
P-1	Does not currently exist.	Does not currently exist.	Does not currently exist.	Does not currently exist.
P-2	169.77	6.20	163.57	5.18 - 10.18
P-3	171.05	5.87	165.18	5.00 - 10.00
P-4	172.26	6.60	165.66	5.00 - 10.00
P-5	173.20	5.75	167.45	6.65 - 11.65
P-6	177.07	9.90	167.17	7.50 - 12.50
P-7	179.24	10.88	168.36	7.50 - 12.50
P-8 ⁷	168.44	8.32	Top of Casing Elev. Changed	5.00 - 10.00
P-9	181.35	NM	Not Measured	10.00 - 15.00
P-10	180.23	11.96	168.27	10.00 - 15.00
P-11	173.35	NM	Not Measured	10.00 - 15.00
Sump No. 1	168.95	6.88	162.07	Sump
Sump No. 2	169.80	6.37	163.43	Sump
Sump No. 3	170.94	6.79	164.15	Sump
Sump No. 4	173.27	7.62	165.65	Sump

Notes: 1. Depths to water measured on December 15, 2008.

2. All depths measured in feet below top of casing. Elevations are in feet above mean sea level (MSL).

3. Top of casing elevations measured by registered Florida Land Surveyors.

4. Screened intervals measured from ground surface.

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

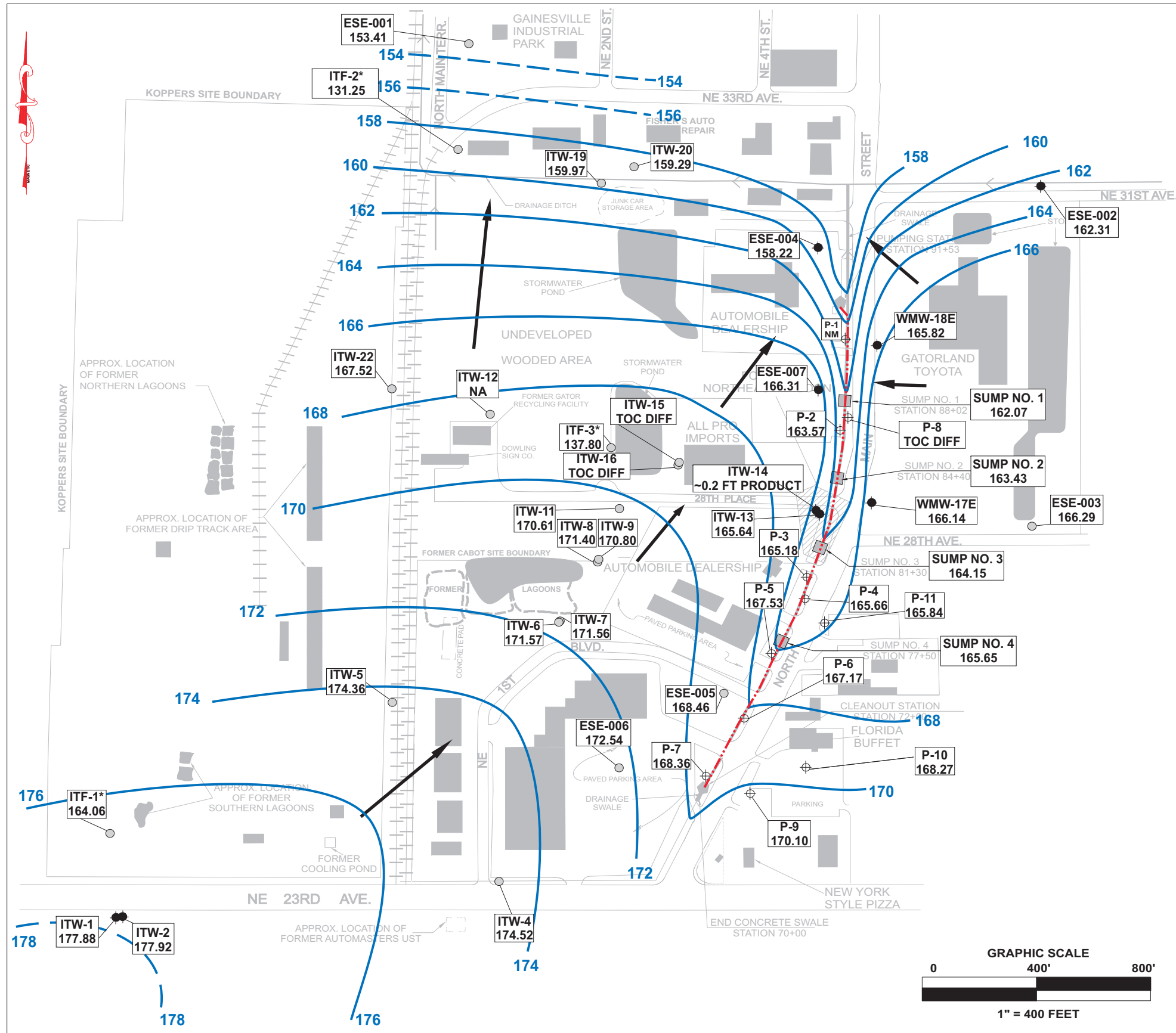
6. Depth to water in ITW-14 was not measured due to tar in the well. Estimated thickness of product determined by placing bailer at bottom of well and then measuring thickness of product.

7. Wells ITW-15, ITW-16, and piezometer P-8 were cut off to grade in September 2007 and reconstructed as flush mount wells. Wells have not been resurveyed.

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

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

Wells sampled in December 2008 for the normal quarterly sampling event are bolded



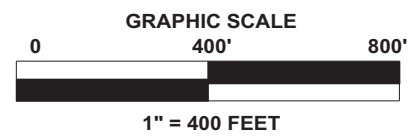
NOTE:
THIS FIGURE HAS BEEN GENERATED IN COLOR; IF REPRODUCED IN BLACK AND WHITE,
THE CLARITY OF THE INFORMATION PRESENTED WILL BE SUBSTANTIALLY DIMINISHED.

LEGEND

- P-1 ⊕ PIEZOMETERS 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 DECEMBER 15, 2008
- 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 December 2008 sampling event, product thickness in ITW-14 was measured at approximately 0.2 foot thick.

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



PROJECT TITLE:				
CABOT CARBON/KOPPERS SITE GAINESVILLE, ALACHUA COUNTY, FLORIDA WATER TABLE ELEVATIONS IN THE SURFICIAL AQUIFER DECEMBER 15, 2008 FIGURE 3-1				
DRAWN:	DATE:	DES. ENG.:	DATE:	W.O. NO.:
J. FERENTZ	DEC 08			05791.008.001.0001
CHECKED:	DATE:	APPROVED:	DATE:	FILE NAME:
R. McKEEN	DEC 08			DECEMBER-08 POTMAP.CDR

SECTION 4

ANALYTICAL RESULTS

The laboratory analytical data package for the monitor well samples collected at the Eastern Site on December 17, 2008 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 fourth quarter 2008 sampling results is provided below.

Neither arsenic nor chromium was detected in any well during the December 2008 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 (93 µg/L), ITW-14 (42 µg/L), and ESE-007 (5.2 µg/L). Naphthalene in ITW-13 (37 µg/L) and ITW-14 (210 µg/L), and ESE-002 (24 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 (490 µg/L). Phenol concentrations exceeded the ROD cleanup goal of 2,630 µg/L in ITW-13 (7,800 µg/L).

Potentially carcinogenic PAH's were below the laboratory reporting limit of 3.9 ug/L in all wells this quarter. 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 December 2008 sampling event. Wells ITW-13 and ITW-14 are located within the former Northeast Lagoon. Groundwater in the area of these wells migrates toward the interceptor trench.

Table 4-1

**Summary of Surficial Aquifer Groundwater Analytical Data Exceeding ROD Cleanup Goals
Eastern Portion of Cabot Carbon/Koppers Superfund Site
December 17, 2008**

Well Designation/ Screened Interval (feet)	Parameter	Results (µg/L)	RL (µg/L)	ROD Cleanup Goal (µg/L)
ITW-13 / 23-33	Benzene	93	5	1
	Naphthalene	37	9.4	18
	Phenol	7,800	470	2,630
ITW-14 / 5-15	Benzene	42	5	1
	Acenaphthylene	490	46	130
	Naphthalene	210	46	18
ESE-002	Naphthalene	24		18
ESE-007 / 7.5-22.5	Benzene	5.2	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 fourth quarter 2008 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 March 2009. The wells to be sampled in the first quarter 2009 are ITW-1, ITW-2, ITW-13, ITW-14, WMW-17E, WMW-18E, ESE-002, ESE-004, and ESE-007.

APPENDIX A
WELL PURGE DATA

Appendix A

**Well Purge Data
Eastern Portion of Cabot Carbon/Koppers Superfund Site
Purge - December 16, 2008
Sample - December 17, 2008**

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; 12/16/08	1208	1	22.62	5.24	181	*	0.35		
ITW-1	Purge; 12/16/08	1228	4	22.88	5.16	192	*	1.00		
ITW-1	Purge; 12/16/08	1238	6	22.89	5.18	193	*	0.35		
ITW-1	Purge; 12/16/08	1248	7	22.87	5.21	191	*	0.95	NO	NO
ITW-1	Sample; 12/17/08	1105	NA	22.31	5.36	159	NA	0.80		
ITW-2	Purge; 12/16/08	1145	0.2	22.45	4.85	222	*	0.4		
ITW-2	Purge; 12/16/08	1148	0.5	22.37	4.85	217	*	3.9		
ITW-2	Purge; 12/16/08	1151	0.8	22.36	4.91	212	*	2.1		
ITW-2	Purge; 12/16/08	1153	1.0	22.37	4.91	205	*	1.5		
ITW-2	Sample; 12/17/08	1125	NA	22.19	4.94	178	NA	2.90	NO	NO
ESE-002	Purge; 12/16/08	0931	1.2	24.08	5.81	94	*	8.7		
ESE-002	Purge; 12/16/08	0955	4.5	24.17	5.76	98	*	9.2		
ESE-002	Purge; 12/16/08	1015	6.5	24.23	5.73	100	*	9.2		
ESE-002	Purge; 12/16/08	1025	7.5	24.24	5.75	103	*	9.4		
ESE-002	Purge; 12/16/08	1035	9.0	24.27	5.75	104	*	9.8		
ESE-002	Sample; 12/17/08	0950	NA	22.98	5.82	85	NA	9.80	NO	NO
ESE-004	Purge; 12/16/08	1056	2.0	24.27	5.58	295	*	1.20		
ESE-004	Purge; 12/16/08	1110	4.0	24.26	5.56	287	*	1.80		
ESE-004	Purge; 12/16/08	1120	5.5	24.26	5.54	285	*	0.90		
ESE-004	Purge; 12/16/08	1130	6.5	24.28	5.55	280	*	1.60		
ESE-004	Purge; 12/16/08	1135	7.0	24.28	5.55	281	*	1.50	NO	NO
ESE-004	Sample; 12/17/08	1025	NA	24.17	5.57	238	NA	1.20		
ESE-007	Purge; 12/16/08	1650	2.5	20.31	5.62	685	*	19.0		
ESE-007	Purge; 12/16/08	1700	4.0	20.29	5.63	693	*	13.0		
ESE-007	Purge; 12/16/08	1715	5.8	20.28	5.63	701	*	12		
ESE-007	Purge; 12/16/08	1742	8.5	20.27	5.70	703	*	7	Yes/Sulfur	
ESE-007	Purge; 12/16/08	1800	10.0	20.27	5.69	705	*	5.80	Water is foamy	NO
ESE-007	Sample; 12/17/08	1330	NA	20.66	5.78	576	NA	21.0		
ITW-13	Purge; 12/16/08	1831	3.8	24.46	5.15	191	*	3.7		
ITW-13	Purge; 12/16/08	1842	5.0	24.37	5.07	195	*	1.9		
ITW-13	Purge; 12/16/08	1921	8.5	24.22	5.06	199	*	2.80	Yes/Sulfur &	
ITW-13	Purge; 12/16/08	1930	12.0	24.23	5.05	196	*	2.7	possible slight tar	NO
ITW-13	Sample; 12/17/08	1350	NA	28.04	5.01	154	NA	6.20		
ITW-14	Purge; 12/16/08	1215	3	Purge parameters not collected due to historical product in the well.					YES/Tar	YES
ITW-14	Sample; 12/17/08	1415	NA	December 16, 2008, approximately 0.2 foot product in bailer.						
WMW-17E	Purge; 12/16/08	1345	3.5	23.63	5.57	453	*	0.75		
WMW-17E	Purge; 12/16/08	1355	5.0	23.60	5.56	426	*	1.10		
WMW-17E	Purge; 12/16/08	1423	9.0	23.60	5.59	397	*	0.85		
WMW-17E	Purge; 12/16/08	1430	10.0	23.63	5.58	390	*	1.80		
WMW-17E	Purge; 12/16/08	1435	11.0	23.68	5.59	392	*	0.95		
WMW-17E	Purge; 12/16/08	1445	12.3	23.62	5.57	385	*	1.60	Light yellow color	NO
WMW-17E	Sample; 12/17/08	1210	NA	23.08	5.53	354	NA	2.80		
WMW-18E	Purge; 12/16/08	1520	4	23.35	5.38	410	*	2.40	Greenish color to water.	
WMW-18E	Purge; 12/16/08	1535	8	23.37	5.37	406	*	2.60		
WMW-18E	Purge; 12/16/08	1604	10	23.38	5.48	403	*	3.3		
WMW-18E	Purge; 12/16/08	1611	11	23.11	5.51	400	*	3.2		
WMW-18E	Purge; 12/16/08	1619	12	23.43	5.52	400	*	4	NO	NO
WMW-18E	Sample; 12/17/08	1240	NA	22.10	5.56	347	NA	4.80	Duplicate collected here.	

Notes: °C = degrees Celsius; µS/cm = microSeimens per centimeter; mg/L = milligrams per liter, parts per million;
NTU = Nephelometric Turbidity Units
* Dissolved oxygen data not available due to instrument malfunction.

APPENDIX B
LABORATORY ANALYTICAL DATA PACKAGE

ANALYTICAL REPORT

Job Number: 680-43400-1

Job Description: Cabot

For:

Weston Solutions, Inc.

5430 Metric Place

Suite 100

Norcross, GA 30092

Attention: Mr. Ralph McKeen

Kathryn Smith

Approved for release.
Kathryn Smith
Project Manager I
1/5/2009 11:54 AM

Designee for
Abbie Page
Project Manager I
abbie.page@testamericainc.com
01/05/2009

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.

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

TestAmerica Laboratories, Inc.

TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404

Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com



Job Narrative
680-J43400-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: ITW-13 (680-43400-3), ITW-14 (680-43400-4).

Method(s) 8270C: The following sample(s) was diluted due to the abundance of target analytes: ITW-13 (680-43400-3), ITW-14 (680-43400-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

HPLC

Method(s) 8310: Surrogate recovery for the following sample(s) was outside control limits: ESE-007 (680-43400-7). The sample formed an emulsion when extracted, and the low surrogate recovery is attributed to matrix interference.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

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 (Separatory Funnel)	TAL PEN		SW846 3510C
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: 680-43400-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-43400-1	ITW-1	Water	12/17/2008 1105	12/19/2008 1138
680-43400-2	ITW-2	Water	12/17/2008 1125	12/19/2008 1138
680-43400-3	ITW-13	Water	12/17/2008 1350	12/19/2008 1138
680-43400-4	ITW-14	Water	12/17/2008 1415	12/19/2008 1138
680-43400-5	ESE-002	Water	12/17/2008 0950	12/19/2008 1138
680-43400-6	ESE-004	Water	12/17/2008 1025	12/19/2008 1138
680-43400-7	ESE-007	Water	12/17/2008 1330	12/19/2008 1138
680-43400-8	WMW-17E	Water	12/17/2008 1210	12/19/2008 1138
680-43400-9	WMW-18E	Water	12/17/2008 1240	12/19/2008 1138
680-43400-10	Duplicate	Water	12/17/2008 1315	12/19/2008 1138
680-43400-11	Equipment Blank	Water	12/17/2008 0845	12/19/2008 1138
680-43400-12	Trip Blank	Water	12/17/2008 0000	12/19/2008 1138

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-1

Lab Sample ID: 680-43400-1

Client Matrix: Water

Date Sampled: 12/17/2008 1105

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126401

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a912.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/26/2008 1749

Final Weight/Volume: 5 mL

Date Prepared: 12/26/2008 1749

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	106	75 - 121
Toluene-d8 (Surr)	99	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-2

Lab Sample ID: 680-43400-2

Client Matrix: Water

Date Sampled: 12/17/2008 1125

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126401

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a914.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/26/2008 1818

Final Weight/Volume: 5 mL

Date Prepared: 12/26/2008 1818

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	102	75 - 121
Toluene-d8 (Surr)	100	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-13

Lab Sample ID: 680-43400-3

Date Sampled: 12/17/2008 1350

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126577

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o7124.d

Dilution: 5.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/30/2008 1341

Final Weight/Volume: 5 mL

Date Prepared: 12/30/2008 1341

Analyte	Result (ug/L)	Qualifier	RL
Benzene	93		5.0
Ethylbenzene	220		5.0
Methyl tert-butyl ether	<50		50
Toluene	290		5.0
Xylenes, Total	120		10

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	75 - 120
Dibromofluoromethane	83	75 - 121
Toluene-d8 (Surr)	101	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-14

Lab Sample ID: 680-43400-4

Date Sampled: 12/17/2008 1415

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126401

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a918.d

Dilution: 5.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/26/2008 1915

Final Weight/Volume: 5 mL

Date Prepared: 12/26/2008 1915

Analyte	Result (ug/L)	Qualifier	RL
Benzene	42		5.0
Ethylbenzene	150		5.0
Methyl tert-butyl ether	<50		50
Toluene	610		5.0
Xylenes, Total	420		10

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	75 - 120
Dibromofluoromethane	97	75 - 121
Toluene-d8 (Surr)	106	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-002

Lab Sample ID: 680-43400-5

Client Matrix: Water

Date Sampled: 12/17/2008 0950

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126401

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a920.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/26/2008 1944

Final Weight/Volume: 5 mL

Date Prepared: 12/26/2008 1944

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	106	75 - 121
Toluene-d8 (Surr)	100	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-004

Lab Sample ID: 680-43400-6

Date Sampled: 12/17/2008 1025

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126400

Instrument ID: GC/MS Volatiles - A

Preparation: 5030B

Lab File ID: a917.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/26/2008 1901

Final Weight/Volume: 5 mL

Date Prepared: 12/26/2008 1901

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	75 - 120
Dibromofluoromethane	105	75 - 121
Toluene-d8 (Surr)	98	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-007

Lab Sample ID: 680-43400-7

Date Sampled: 12/17/2008 1330

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126399

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o7070.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2008 1704

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2008 1704

Analyte	Result (ug/L)	Qualifier	RL
Benzene	5.2		1.0
Ethylbenzene	14		1.0
Methyl tert-butyl ether	<10		10
Toluene	5.2		1.0
Xylenes, Total	13		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	88	75 - 121
Toluene-d8 (Surr)	104	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

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

Lab Sample ID: 680-43400-8

Date Sampled: 12/17/2008 1210

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126506

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o7094.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/29/2008 1348

Final Weight/Volume: 5 mL

Date Prepared: 12/29/2008 1348

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	75 - 120
Dibromofluoromethane	90	75 - 121
Toluene-d8 (Surr)	102	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

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

Lab Sample ID: 680-43400-9

Date Sampled: 12/17/2008 1240

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126506

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o7096.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/29/2008 1417

Final Weight/Volume: 5 mL

Date Prepared: 12/29/2008 1417

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	75 - 120
Dibromofluoromethane	89	75 - 121
Toluene-d8 (Surr)	105	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: Duplicate

Lab Sample ID: 680-43400-10

Date Sampled: 12/17/2008 1315

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126577

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o7128.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/30/2008 1439

Final Weight/Volume: 5 mL

Date Prepared: 12/30/2008 1439

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	75 - 120
Dibromofluoromethane	88	75 - 121
Toluene-d8 (Surr)	104	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-43400-11

Date Sampled: 12/17/2008 0845

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126399

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o7054.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/27/2008 1315

Final Weight/Volume: 5 mL

Date Prepared: 12/27/2008 1315

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	2.8		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	84	75 - 120
Dibromofluoromethane	87	75 - 121
Toluene-d8 (Surr)	109	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-43400-12

Date Sampled: 12/17/2008 0000

Client Matrix: Water

Date Received: 12/19/2008 1138

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-126401

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a894.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/26/2008 1330

Final Weight/Volume: 5 mL

Date Prepared: 12/26/2008 1330

Analyte	Result (ug/L)	Qualifier	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	75 - 120
Dibromofluoromethane	103	75 - 121
Toluene-d8 (Surr)	101	75 - 120

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-1

Lab Sample ID: 680-43400-1

Client Matrix: Water

Date Sampled: 12/17/2008 1105

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126440	Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	n1650.d
Dilution:	1.0		Initial Weight/Volume:	1060 mL
Date Analyzed:	12/29/2008 1307		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.4		9.4
2,4-Dimethylphenol	<9.4		9.4
Pentachlorophenol	<47		47

Surrogate	%Rec	Acceptance Limits
Phenol-d5	78	38 - 116
2-Fluorophenol	86	36 - 110
2,4,6-Tribromophenol	80	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-2

Lab Sample ID: 680-43400-2

Date Sampled: 12/17/2008 1125

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126440	Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	n1651.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/29/2008 1330		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

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

Surrogate	%Rec	Acceptance Limits
Phenol-d5	84	38 - 116
2-Fluorophenol	86	36 - 110
2,4,6-Tribromophenol	81	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-13

Lab Sample ID: 680-43400-3

Date Sampled: 12/17/2008 1350

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126658	Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	g4800.d
Dilution:	100		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/31/2008 1421		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	7800		970
2,4-Dimethylphenol	2000		970
Pentachlorophenol	<4900		4900

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-14

Lab Sample ID: 680-43400-4

Date Sampled: 12/17/2008 1415

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126658	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID: g4801a.d
Dilution:	50		Initial Weight/Volume: 1030 mL
Date Analyzed:	12/31/2008 1531		Final Weight/Volume: 1 mL
Date Prepared:	12/23/2008 1400		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<490		490
2,4-Dimethylphenol	4500		490
Pentachlorophenol	<2400		2400

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: 680-43400-1

Client Sample ID: ESE-002

Lab Sample ID: 680-43400-5

Date Sampled: 12/17/2008 0950

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126440	Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	n1654.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/29/2008 1549		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

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

Surrogate	%Rec	Acceptance Limits
Phenol-d5	73	38 - 116
2-Fluorophenol	82	36 - 110
2,4,6-Tribromophenol	78	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-004

Lab Sample ID: 680-43400-6

Date Sampled: 12/17/2008 1025

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126440	Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	n1655.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/29/2008 1612		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

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

Surrogate	%Rec	Acceptance Limits
Phenol-d5	78	38 - 116
2-Fluorophenol	86	36 - 110
2,4,6-Tribromophenol	85	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-007

Lab Sample ID: 680-43400-7

Date Sampled: 12/17/2008 1330

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126440	Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	n1656.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/29/2008 1635		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	16		9.7
2,4-Dimethylphenol	88		9.7
Pentachlorophenol	<49		49

Surrogate	%Rec	Acceptance Limits
Phenol-d5	68	38 - 116
2-Fluorophenol	72	36 - 110
2,4,6-Tribromophenol	83	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-43400-8

Date Sampled: 12/17/2008 1210

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126440	Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	n1657.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/29/2008 1657		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

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

Surrogate	%Rec	Acceptance Limits
Phenol-d5	71	38 - 116
2-Fluorophenol	79	36 - 110
2,4,6-Tribromophenol	79	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-43400-9

Date Sampled: 12/17/2008 1240

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method: 8270C Analysis Batch: 680-126440 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3520C Prep Batch: 680-126115 Lab File ID: n1658.d
Dilution: 1.0 Initial Weight/Volume: 1030 mL
Date Analyzed: 12/29/2008 1720 Final Weight/Volume: 1 mL
Date Prepared: 12/23/2008 1400 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	<9.7		9.7
2,4-Dimethylphenol	<9.7		9.7
Pentachlorophenol	<49		49
Surrogate	%Rec		Acceptance Limits
Phenol-d5	64		38 - 116
2-Fluorophenol	75		36 - 110
2,4,6-Tribromophenol	87		40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: Duplicate

Lab Sample ID: 680-43400-10

Date Sampled: 12/17/2008 1315

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126440	Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	n1659.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/29/2008 1742		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

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

Surrogate	%Rec	Acceptance Limits
Phenol-d5	69	38 - 116
2-Fluorophenol	83	36 - 110
2,4,6-Tribromophenol	87	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-43400-11

Date Sampled: 12/17/2008 0845

Client Matrix: Water

Date Received: 12/19/2008 1138

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

Method:	8270C	Analysis Batch: 680-126658	Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-126115	Lab File ID:	g4802.d
Dilution:	1.0		Initial Weight/Volume:	1030 mL
Date Analyzed:	12/31/2008 1508		Final Weight/Volume:	1 mL
Date Prepared:	12/23/2008 1400		Injection Volume:	1.0 uL

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

Surrogate	%Rec	Acceptance Limits
Phenol-d5	60	38 - 116
2-Fluorophenol	77	36 - 110
2,4,6-Tribromophenol	57	40 - 139

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-1

Lab Sample ID: 680-43400-1

Date Sampled: 12/17/2008 1105

Client Matrix: Water

Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310

Analysis Batch: 400-82195

Instrument ID: HPLC/UV/FLUOR

Preparation: 3510C

Prep Batch: 400-81900

Lab File ID: 017-1801.D

Dilution: 1.0

Initial Weight/Volume: 1030 mL

Date Analyzed: 12/24/2008 0203

Final Weight/Volume: 1.0 mL

Date Prepared: 12/23/2008 0906

Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.97		0.97
Acenaphthylene	<0.97		0.97
Anthracene	<0.97		0.97
Benzo[a]anthracene	<0.19		0.19
Benzo[a]pyrene	<0.19		0.19
Benzo[b]fluoranthene	<0.19		0.19
Benzo[g,h,i]perylene	<0.97		0.97
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.97		0.97
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	<0.97		0.97
Fluorene	<0.97		0.97
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	<0.97		0.97
2-Methylnaphthalene	<0.97		0.97
Naphthalene	<0.97		0.97
Phenanthrene	<0.97		0.97
Pyrene	<0.97		0.97
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	94		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-2

Lab Sample ID: 680-43400-2

Date Sampled: 12/17/2008 1125

Client Matrix: Water

Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310

Analysis Batch: 400-82195

Instrument ID: HPLC/UV/FLUOR

Preparation: 3510C

Prep Batch: 400-81900

Lab File ID: 018-1901.D

Dilution: 1.0

Initial Weight/Volume: 1020 mL

Date Analyzed: 12/24/2008 0237

Final Weight/Volume: 1.0 mL

Date Prepared: 12/23/2008 0906

Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.98		0.98
Acenaphthylene	<0.98		0.98
Anthracene	<0.98		0.98
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<0.98		0.98
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.98		0.98
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.98		0.98
Fluorene	<0.98		0.98
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.98		0.98
2-Methylnaphthalene	<0.98		0.98
Naphthalene	<0.98		0.98
Phenanthrene	<0.98		0.98
Pyrene	<0.98		0.98
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	105		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-13

Lab Sample ID: 680-43400-3

Date Sampled: 12/17/2008 1350

Client Matrix: Water

Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310
 Preparation: 3510C
 Dilution: 10
 Date Analyzed: 12/24/2008 0311
 Date Prepared: 12/23/2008 0906

Analysis Batch: 400-82195
 Prep Batch: 400-81900

Instrument ID: HPLC/UV/FLUOR
 Lab File ID: 019-2001.D
 Initial Weight/Volume: 1020 mL
 Final Weight/Volume: 1.0 mL
 Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<9.8		9.8
Acenaphthylene	<9.8		9.8
Anthracene	<9.8		9.8
Benzo[a]anthracene	<2.0		2.0
Benzo[a]pyrene	<2.0		2.0
Benzo[b]fluoranthene	<2.0		2.0
Benzo[g,h,i]perylene	<9.8		9.8
Benzo[k]fluoranthene	<4.9		4.9
Chrysene	<9.8		9.8
Dibenz(a,h)anthracene	<2.0		2.0
Fluoranthene	<9.8		9.8
Fluorene	<9.8		9.8
Indeno[1,2,3-cd]pyrene	<2.0		2.0
1-Methylnaphthalene	<9.8		9.8
2-Methylnaphthalene	<9.8		9.8
Naphthalene	37		9.8
Phenanthrene	<9.8		9.8
Pyrene	<9.8		9.8
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	81		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-14

Lab Sample ID: 680-43400-4

Date Sampled: 12/17/2008 1415

Client Matrix: Water

Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310
Preparation: 3510C
Dilution: 20
Date Analyzed: 12/24/2008 0418
Date Prepared: 12/23/2008 0906

Analysis Batch: 400-82195
Prep Batch: 400-81900

Instrument ID: HPLC/UV/FLUOR
Lab File ID: 020-2201.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<19		19
Acenaphthylene	490		19
Anthracene	<19		19
Benzo[a]anthracene	<3.9		3.9
Benzo[a]pyrene	<3.9		3.9
Benzo[b]fluoranthene	<3.9		3.9
Benzo[g,h,i]perylene	<19		19
Benzo[k]fluoranthene	<9.7		9.7
Chrysene	<19		19
Dibenz(a,h)anthracene	<3.9		3.9
Fluoranthene	29	P	19
Fluorene	34	P	19
Indeno[1,2,3-cd]pyrene	<3.9		3.9
1-Methylnaphthalene	160		19
2-Methylnaphthalene	160		19
Naphthalene	210		19
Phenanthrene	<19		19
Pyrene	<19		19
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	101		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-002

Lab Sample ID: 680-43400-5
Client Matrix: Water

Date Sampled: 12/17/2008 0950
Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310	Analysis Batch: 400-82195	Instrument ID: HPLC/UV/FLUOR
Preparation: 3510C	Prep Batch: 400-81900	Lab File ID: 021-2301.D
Dilution: 1.0		Initial Weight/Volume: 1050 mL
Date Analyzed: 12/24/2008 0452		Final Weight/Volume: 1.0 mL
Date Prepared: 12/23/2008 0906		Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	37		0.95
Acenaphthylene	3.5		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	10	P	0.95
Fluorene	21		0.95
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	11	P	0.95
2-Methylnaphthalene	14	P	0.95
Naphthalene	24	P	0.95
Phenanthrene	13		0.95
Pyrene	4.2		0.95
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	93		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-004

Lab Sample ID: 680-43400-6
 Client Matrix: Water

Date Sampled: 12/17/2008 1025
 Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310	Analysis Batch: 400-82195	Instrument ID: HPLC/UV/FLUOR
Preparation: 3510C	Prep Batch: 400-81900	Lab File ID: 022-2401.D
Dilution: 1.0		Initial Weight/Volume: 1050 mL
Date Analyzed: 12/24/2008 0526		Final Weight/Volume: 1.0 mL
Date Prepared: 12/23/2008 0906		Injection Volume:

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	Acceptance Limits	
2-Chloroanthracene	83	41 - 177	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-007

Lab Sample ID: 680-43400-7
Client Matrix: Water

Date Sampled: 12/17/2008 1330
Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310	Analysis Batch: 400-82195	Instrument ID: HPLC/UV/FLUOR
Preparation: 3510C	Prep Batch: 400-81900	Lab File ID: 023-2501.D
Dilution: 1.0		Initial Weight/Volume: 1030 mL
Date Analyzed: 12/24/2008 0600		Final Weight/Volume: 1.0 mL
Date Prepared: 12/23/2008 0906		Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.97		0.97
Acenaphthylene	<0.97		0.97
Anthracene	<0.97		0.97
Benzo[a]anthracene	<0.19		0.19
Benzo[a]pyrene	<0.19		0.19
Benzo[b]fluoranthene	<0.19		0.19
Benzo[g,h,i]perylene	<0.97		0.97
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.97		0.97
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	<0.97		0.97
Fluorene	<0.97		0.97
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	<0.97		0.97
2-Methylnaphthalene	<0.97		0.97
Naphthalene	1.1		0.97
Phenanthrene	<0.97		0.97
Pyrene	<0.97		0.97
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	38	X	41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-43400-8

Date Sampled: 12/17/2008 1210

Client Matrix: Water

Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310

Analysis Batch: 400-82195

Instrument ID: HPLC/UV/FLUOR

Preparation: 3510C

Prep Batch: 400-81900

Lab File ID: 024-2601.D

Dilution: 1.0

Initial Weight/Volume: 1080 mL

Date Analyzed: 12/24/2008 0633

Final Weight/Volume: 1.0 mL

Date Prepared: 12/23/2008 0906

Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.93		0.93
Acenaphthylene	2.7		0.93
Anthracene	<0.93		0.93
Benzo[a]anthracene	<0.19		0.19
Benzo[a]pyrene	<0.19		0.19
Benzo[b]fluoranthene	<0.19		0.19
Benzo[g,h,i]perylene	<0.93		0.93
Benzo[k]fluoranthene	<0.46		0.46
Chrysene	<0.93		0.93
Dibenz(a,h)anthracene	<0.19		0.19
Fluoranthene	<0.93		0.93
Fluorene	<0.93		0.93
Indeno[1,2,3-cd]pyrene	<0.19		0.19
1-Methylnaphthalene	1.1		0.93
2-Methylnaphthalene	<0.93		0.93
Naphthalene	1.7	P	0.93
Phenanthrene	<0.93		0.93
Pyrene	<0.93		0.93
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	124		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-43400-9

Date Sampled: 12/17/2008 1240

Client Matrix: Water

Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310	Analysis Batch: 400-82195	Instrument ID: HPLC/UV/FLUOR
Preparation: 3510C	Prep Batch: 400-81900	Lab File ID: 025-2701.D
Dilution: 1.0		Initial Weight/Volume: 1020 mL
Date Analyzed: 12/24/2008 0707		Final Weight/Volume: 1.0 mL
Date Prepared: 12/23/2008 0906		Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.98		0.98
Acenaphthylene	<0.98		0.98
Anthracene	<0.98		0.98
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<0.98		0.98
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.98		0.98
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.98		0.98
Fluorene	<0.98		0.98
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.98		0.98
2-Methylnaphthalene	<0.98		0.98
Naphthalene	<0.98		0.98
Phenanthrene	<0.98		0.98
Pyrene	<0.98		0.98
Surrogate	%Rec	Acceptance Limits	
2-Chloroanthracene	60	41 - 177	

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: Duplicate

Lab Sample ID: 680-43400-10
Client Matrix: Water

Date Sampled: 12/17/2008 1315
Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310	Analysis Batch: 400-82195	Instrument ID: HPLC/UV/FLUOR
Preparation: 3510C	Prep Batch: 400-81900	Lab File ID: 026-2801.D
Dilution: 1.0		Initial Weight/Volume: 1020 mL
Date Analyzed: 12/24/2008 0741		Final Weight/Volume: 1.0 mL
Date Prepared: 12/23/2008 0906		Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.98		0.98
Acenaphthylene	<0.98		0.98
Anthracene	<0.98		0.98
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<0.98		0.98
Benzo[k]fluoranthene	<0.49		0.49
Chrysene	<0.98		0.98
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.98		0.98
Fluorene	<0.98		0.98
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.98		0.98
2-Methylnaphthalene	<0.98		0.98
Naphthalene	<0.98		0.98
Phenanthrene	<0.98		0.98
Pyrene	<0.98		0.98
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	45		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 680-43400-11

Date Sampled: 12/17/2008 0845

Client Matrix: Water

Date Received: 12/19/2008 1138

8310 PAHs (HPLC)

Method: 8310

Analysis Batch: 400-82195

Instrument ID: HPLC/UV/FLUOR

Preparation: 3510C

Prep Batch: 400-81900

Lab File ID: 027-3001.D

Dilution: 1.0

Initial Weight/Volume: 1010 mL

Date Analyzed: 12/24/2008 0848

Final Weight/Volume: 1.0 mL

Date Prepared: 12/23/2008 0906

Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	<0.99		0.99
Acenaphthylene	<0.99		0.99
Anthracene	<0.99		0.99
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<0.99		0.99
Benzo[k]fluoranthene	<0.50		0.50
Chrysene	<0.99		0.99
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<0.99		0.99
Fluorene	<0.99		0.99
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<0.99		0.99
2-Methylnaphthalene	<0.99		0.99
Naphthalene	<0.99		0.99
Phenanthrene	<0.99		0.99
Pyrene	<0.99		0.99
Surrogate	%Rec		Acceptance Limits
2-Chloroanthracene	86		41 - 177

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-1

Lab Sample ID: 680-43400-1

Client Matrix: Water

Date Sampled: 12/17/2008 1105

Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2211
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-2

Lab Sample ID: 680-43400-2
Client Matrix: Water

Date Sampled: 12/17/2008 1125
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-126338	Instrument ID:	ICP/AES - D
Preparation:	3005A	Prep Batch: 680-126227	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/24/2008 2238		Final Weight/Volume:	50 mL
Date Prepared:	12/23/2008 1642			

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-13

Lab Sample ID: 680-43400-3
Client Matrix: Water

Date Sampled: 12/17/2008 1350
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2243
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ITW-14

Lab Sample ID: 680-43400-4
Client Matrix: Water

Date Sampled: 12/17/2008 1415
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2249
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-002

Lab Sample ID: 680-43400-5
Client Matrix: Water

Date Sampled: 12/17/2008 0950
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2305
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-004

Lab Sample ID: 680-43400-6
Client Matrix: Water

Date Sampled: 12/17/2008 1025
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2310
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: ESE-007

Lab Sample ID: 680-43400-7
Client Matrix: Water

Date Sampled: 12/17/2008 1330
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2315
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: WMW-17E

Lab Sample ID: 680-43400-8
Client Matrix: Water

Date Sampled: 12/17/2008 1210
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2321
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: WMW-18E

Lab Sample ID: 680-43400-9
Client Matrix: Water

Date Sampled: 12/17/2008 1240
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2326
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: Duplicate

Lab Sample ID: 680-43400-10
Client Matrix: Water

Date Sampled: 12/17/2008 1315
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/24/2008 2332
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

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

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Client Sample ID: Equipment Blank

Lab Sample ID: 680-43400-11
Client Matrix: Water

Date Sampled: 12/17/2008 0845
Date Received: 12/19/2008 1138

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 680-126338	Instrument ID:	ICP/AES - D
Preparation:	3005A	Prep Batch: 680-126227	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/24/2008 2337		Final Weight/Volume:	50 mL
Date Prepared:	12/23/2008 1642			

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

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 680-126399

Lab Sample ID: MB 680-126399/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/27/2008 1246
Date Prepared: 12/27/2008 1246

Analysis Batch: 680-126399
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq716.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	85	75 - 120
Dibromofluoromethane	88	75 - 121
Toluene-d8 (Surr)	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: 680-43400-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-126399**

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

LCS Lab Sample ID: LCS 680-126399/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/27/2008 1052
Date Prepared: 12/27/2008 1052

Analysis Batch: 680-126399
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq708.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-126399/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/27/2008 1120
Date Prepared: 12/27/2008 1120

Analysis Batch: 680-126399
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq710.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	105	105	77 - 119	0	30		
Ethylbenzene	99	97	86 - 116	3	30		
Methyl tert-butyl ether	80	79	77 - 121	2	30		
Toluene	97	96	81 - 117	1	30		
Xylenes, Total	96	93	84 - 118	3	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	95		93		75 - 120		
Dibromofluoromethane	83		83		75 - 121		
Toluene-d8 (Surr)	95		95		75 - 120		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 680-126400

Lab Sample ID: MB 680-126400/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 1140
Date Prepared: 12/26/2008 1140

Analysis Batch: 680-126400
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq483.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	95	75 - 121
Toluene-d8 (Surr)	107	75 - 120

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-126400**

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

LCS Lab Sample ID: LCS 680-126400/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 0929
Date Prepared: 12/26/2008 0929

Analysis Batch: 680-126400
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq475.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-126400/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 0958
Date Prepared: 12/26/2008 0958

Analysis Batch: 680-126400
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq477.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	91	93	77 - 119	2	30		
Ethylbenzene	110	98	86 - 116	11	30		
Methyl tert-butyl ether	96	90	77 - 121	6	30		
Toluene	111	104	81 - 117	7	30		
Xylenes, Total	109	99	84 - 118	9	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	105		102		75 - 120		
Dibromofluoromethane	96		96		75 - 121		
Toluene-d8 (Surr)	107		102		75 - 120		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 680-126401

Lab Sample ID: MB 680-126401/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 1154
Date Prepared: 12/26/2008 1154

Analysis Batch: 680-126401
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq484.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	94	75 - 120
Dibromofluoromethane	100	75 - 121
Toluene-d8 (Surr)	102	75 - 120

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-126401**

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

LCS Lab Sample ID: LCS 680-126401/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 0943
Date Prepared: 12/26/2008 0943

Analysis Batch: 680-126401
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq476.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-126401/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 1012
Date Prepared: 12/26/2008 1012

Analysis Batch: 680-126401
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq478.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	97	94	77 - 119	4	30		
Ethylbenzene	110	100	86 - 116	10	30		
Methyl tert-butyl ether	91	92	77 - 121	0	30		
Toluene	106	101	81 - 117	5	30		
Xylenes, Total	107	98	84 - 118	8	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	101		99		75 - 120		
Dibromofluoromethane	102		96		75 - 121		
Toluene-d8 (Surr)	103		100		75 - 120		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 680-126506

Lab Sample ID: MB 680-126506/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1124
Date Prepared: 12/29/2008 1124

Analysis Batch: 680-126506
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq730.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	93	75 - 121
Toluene-d8 (Surr)	102	75 - 120

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-126506**

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

LCS Lab Sample ID: LCS 680-126506/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 0917
Date Prepared: 12/29/2008 0917

Analysis Batch: 680-126506
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq722.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-126506/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 0946
Date Prepared: 12/29/2008 0946

Analysis Batch: 680-126506
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq724.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	102	100	77 - 119	1	30		
Ethylbenzene	100	100	86 - 116	0	30		
Methyl tert-butyl ether	82	81	77 - 121	1	30		
Toluene	94	95	81 - 117	1	30		
Xylenes, Total	97	96	84 - 118	1	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	96		96		75 - 120		
Dibromofluoromethane	90		88		75 - 121		
Toluene-d8 (Surr)	95		95		75 - 120		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 680-126577

Lab Sample ID: MB 680-126577/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2008 1215
Date Prepared: 12/30/2008 1215

Analysis Batch: 680-126577
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq746.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Benzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Methyl tert-butyl ether	<10		10
Toluene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	89	75 - 120
Dibromofluoromethane	88	75 - 121
Toluene-d8 (Surr)	102	75 - 120

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-126577**

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

LCS Lab Sample ID: LCS 680-126577/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2008 0944
Date Prepared: 12/30/2008 0944

Analysis Batch: 680-126577
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq736.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-126577/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2008 1012
Date Prepared: 12/30/2008 1012

Analysis Batch: 680-126577
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq738.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	101	101	77 - 119	1	30		
Ethylbenzene	100	103	86 - 116	2	30		
Methyl tert-butyl ether	79	81	77 - 121	2	30		
Toluene	97	95	81 - 117	2	30		
Xylenes, Total	97	100	84 - 118	3	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	98		97		75 - 120		
Dibromofluoromethane	87		87		75 - 121		
Toluene-d8 (Surr)	96		95		75 - 120		

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 680-126115

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-126115/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 1648
Date Prepared: 12/23/2008 1400

Analysis Batch: 680-126377
Prep Batch: 680-126115
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n1611.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

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

Surrogate	% Rec	Acceptance Limits
Phenol-d5	87	38 - 116
2-Fluorophenol	89	36 - 110
2,4,6-Tribromophenol	81	40 - 139

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-126115**

Method: 8270C
Preparation: 3520C

LCS Lab Sample ID: LCS 680-126115/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 1710
Date Prepared: 12/23/2008 1400

Analysis Batch: 680-126377
Prep Batch: 680-126115
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n1612.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 680-126115/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/26/2008 1733
Date Prepared: 12/23/2008 1400

Analysis Batch: 680-126377
Prep Batch: 680-126115
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n1613.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phenol	85	86	39 - 110	1	40		
2,4-Dimethylphenol	65	74	36 - 110	14	40		
Pentachlorophenol	78	86	37 - 132	10	40		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Phenol-d5	87	87	38 - 116
2-Fluorophenol	89	88	36 - 110
2,4,6-Tribromophenol	81	83	40 - 139

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 400-81900

Lab Sample ID: MB 400-81900/22-A
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/23/2008 1919
 Date Prepared: 12/23/2008 0906

Analysis Batch: 400-82195
 Prep Batch: 400-81900
 Units: ug/L

**Method: 8310
 Preparation: 3510C**

Instrument ID: HPLC/UV/FLUOR
 Lab File ID: 006-0601.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 1.0 mL
 Injection Volume:
 Column ID: PRIMARY

Analyte	Result	Qual	RL
Acenaphthene	<1.0		1.0
Acenaphthylene	<1.0		1.0
Anthracene	<1.0		1.0
Benzo[a]anthracene	<0.20		0.20
Benzo[a]pyrene	<0.20		0.20
Benzo[b]fluoranthene	<0.20		0.20
Benzo[g,h,i]perylene	<1.0		1.0
Benzo[k]fluoranthene	<0.50		0.50
Chrysene	<1.0		1.0
Dibenz(a,h)anthracene	<0.20		0.20
Fluoranthene	<1.0		1.0
Fluorene	<1.0		1.0
Indeno[1,2,3-cd]pyrene	<0.20		0.20
1-Methylnaphthalene	<1.0		1.0
2-Methylnaphthalene	<1.0		1.0
Naphthalene	<1.0		1.0
Phenanthrene	<1.0		1.0
Pyrene	<1.0		1.0
Surrogate	% Rec	Acceptance Limits	
2-Chloroanthracene	107	41 - 177	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Lab Control Spike - Batch: 400-81900

Method: 8310
Preparation: 3510C

Lab Sample ID: LCS 400-81900/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/23/2008 1953
Date Prepared: 12/23/2008 0906

Analysis Batch: 400-82195
Prep Batch: 400-81900
Units: ug/L

Instrument ID: HPLC/UV/FLUOR
Lab File ID: 007-0701.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	10.0	6.22	62	36 - 102	
Acenaphthylene	10.0	5.14	51	40 - 88	
Anthracene	10.0	7.60	76	43 - 103	
Benzo[a]anthracene	10.0	9.57	96	54 - 104	
Benzo[a]pyrene	10.0	9.83	98	47 - 111	
Benzo[b]fluoranthene	10.0	8.90	89	46 - 102	
Benzo[g,h,i]perylene	10.0	8.12	81	37 - 110	
Benzo[k]fluoranthene	10.0	8.74	87	46 - 105	
Chrysene	10.0	10.3	103	62 - 114	
Dibenz(a,h)anthracene	10.0	8.13	81	41 - 116	
Fluoranthene	10.0	8.69	87	45 - 129	
Fluorene	10.0	5.95	59	39 - 97	
Indeno[1,2,3-cd]pyrene	10.0	8.31	83	53 - 106	
1-Methylnaphthalene	10.0	6.00	60	27 - 97	
2-Methylnaphthalene	10.0	6.04	60	23 - 96	
Naphthalene	10.0	6.52	65	28 - 99	
Phenanthrene	10.0	7.10	71	51 - 103	
Pyrene	10.0	9.24	92	53 - 112	
Surrogate			% Rec	Acceptance Limits	
2-Chloroanthracene			91	41 - 177	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Method Blank - Batch: 680-126227

Lab Sample ID: MB 680-126227/12-A
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/24/2008 2200
 Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
 Prep Batch: 680-126227
 Units: ug/L

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

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

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

Lab Control Spike - Batch: 680-126227

Lab Sample ID: LCS 680-126227/13-A
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/24/2008 2206
 Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
 Prep Batch: 680-126227
 Units: ug/L

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

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	1940	97	75 - 125	
Chromium	200	198	99	75 - 125	

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

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-43400-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-126227

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 680-43400-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2008 2227
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

MSD Lab Sample ID: 680-43400-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/24/2008 2233
Date Prepared: 12/23/2008 1642

Analysis Batch: 680-126338
Prep Batch: 680-126227

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	96	99	75 - 125	3	20		
Chromium	98	101	75 - 125	3	20		

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

Chain of Custody Record

Client Information		Sampler: TARA Rowland		Lab PM: Page, Abbie		Carrier Tracking No(s):	
Client Contact: Mr. Ralph McKeen		Phone: 919-559-9487		E-Mail: abbie.page@testamericainc.com		COC No: 680-19130.1	
Company: Weston Solutions, Inc.		Due Date Requested:		Analysis Requested		Page: Page 1 of 2	
Address: 5430 Metric Place Suite 100		TAT Requested (days):		6010B - As, Cr		Job #:	
City: Norcross		PO #: 32730		8270C - Select SVOCs		Preservation Codes:	
State, Zip: GA, 30092		WO #: 5.79101E+13		8310 - PAHs		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - H2SO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone: 888-488-2444 770-325-7938		Project #: 68000815		8260B - BTEX & MTBE		M - Hexane N - None O - ASNBO2 P - Na2OAS Q - Na2SO3 R - Na2S2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)	
Email: ralph.mckeen@westonsolutions.com		SSOW#:		Special Instructions/Note:			
Project Name: Weston Solutions, Inc./Cabot Qtry		Sample Identification		Special Instructions/Note:			
Site:		Sample Date		Special Instructions/Note:			
		Sample Time		Special Instructions/Note:			
		Sample Type (C=comp, G=grab)		Special Instructions/Note:			
		Matrix (W=water, S=solid, O=wastob, BT=Tissue, AA=)		Special Instructions/Note:			
ITW-1		12/7/08 1105		Water		8	
ITW-2		11/24/15		Water		8	
ITW-13		1350		Water		7	
ITW-14		1415		Water		6	
ESE-002		0950		Water		8	
ESE-004		1085		Water		8	
ESE-007		1330		Water		6	
WMW-17E		1210		Water		7	
WMW-18E		1240		Water		6	
Duplicate		1315		Water		7	
Equipment Blank		0845		Water		8	

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

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

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *Don Rowland* Date: **12/7/08/1630** Company: **Weston**

Relinquished by: *[Signature]* Date: **18 Dec 08** Company: **JA**

Relinquished by: *[Signature]* Date: **12/18/08** Company: **JTA**

Custody Seal No.: _____
 Yes No

Color Temperature(s) °C and Other Remarks: **1015**

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: 770-325-7138 Email: ralph.mckeen@westonsolutions.com Project Name: Weston Solutions, Inc./Cabot Qtry Site:		Sampler: TARA ROWLAND Phone: 919-559-9487 Lab PI: Page, Abbie E-Mail: abbie.page@testamericainc.com Carrier Tracking No(s): COC No: 680-19130.2 Page: Page 2 of 2 Job #:	
Due Date Requested: TAT Requested (days): PO #: 32730 WO #: 5.79101E+13 Project #: 68000815 SSOW#:		Analysis Requested 6010B - As, Cr 8270C - Select SVOCs 8310 - PAH's 8260B - BTEX & MTBE	
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Arsenic H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Preservation Codes: 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)	
Sample Identification Sample ID: TB-01 Sample Date: 12/17/09 Matrix: Water Sample Type (C=comp, G=grab): G Sample Time:		Special Instructions/Note: - Broke during shipment ITW-14 poss. product / HI hits *ESC-007 & WMW-FFE had some bubbles because sample was foamy (slightly)	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify)		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	
Empty Kit Relinquished by:		Special Instructions/QC Requirements:	
Relinquished by: <i>[Signature]</i> Date/Time: 12/17/09 1630 Company: Weston		Received by: <i>[Signature]</i> Date/Time: 12/17/09 1630 Company: Weston	
Relinquished by: <i>[Signature]</i> Date/Time: 12/19/09 1015 Company: TA		Received by: <i>[Signature]</i> Date/Time: 12/19/09 1015 Company: TA	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Other Temperature(s) °C and Other Remarks:	

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	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
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	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	ND	ND	ND	ND	ND	19	ND	ND	50	
	PCP	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	34	ND	ND	0.1	
	Acenaphthylene	NS	NS	NS	NS	NS	NS	5.6	6.8	ND	3.2	7.6	10	ND	ND	130	
	Pyrene	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	0.21	ND	130	
	Fluorene	NS	NS	NS	NS	NS	NS	ND	ND	ND	0.5	ND	ND	ND	ND	323	
	Total Potentially Carcinogenic PAHs	NS	NS	NS	NS	NS	NS	0.4	ND	ND	ND	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	ND	0.69	ND	130
	Anthracene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND	1,310
	Fluorene	NS	<40	ND	ND	0.8	ND	ND	1	1.6	ND	2.1	ND	2.8	ND	323
Total Potentially Carcinogenic PAHs	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29	ND	ND	0.003	
Benzene	NS	ND	74	30	48	9.8	37	25	33	30	38	35	34	10	1	

APPENDIX C

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

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

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

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

All results are in µg/L.

µg/L = micrograms per liter.

MDL = laboratory method detection limit.

ND = not detected above the MDL.

NS = not sampled for indicated compound.

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

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

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

++ Sampled only for BTEX constituents.

APPENDIX D

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

Appendix D

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

WELL DESIGNATION	PARAMETERS	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08	Dec-08	ROD cleanup goal	
ITW-14	Naphthalene	520	310	460	200	930	1000	170	530	ND	ND	400	ND	ND	210	230	250	260	250	**3000	120	200	260	250	210	18	
ITW-14	Phenanthrene	190	43	42	69	480	240	20	120	210	ND	140	ND	ND	11	20	ND	ND	30	**1400	ND	29	15	ND	ND	130	
ITW-14	Pyrene	7.3	11	ND	13	ND	24	ND	ND	ND	ND	ND	23	23	8.8	12	260	ND	ND	ND	ND	22	ND	ND	ND	130	
ITW-14	1- Methylanthalene	300	130	300	140	410	230	41	350	ND	ND	170	ND	ND	110	150	310	83	160	**4300	36	170	150	180	160	*	
ITW-14	2- Methylanthalene	180	150	220	200	1200	690	60	470	ND	ND(J)	250	ND	ND	91	100	200	97	120	**4200	60	80	130	190	160	*	
ITW-14	Total Potentially Carcinogenic PAHs	507.3	112.9	ND	7.8	195	143	0	0	900	0	170	26.6	24.6	15	61.3	120	0	84.07	0	5.1	20	29	122	0	0.003	
ITW-14	Phenol	ND	140	ND	280	ND	1100	ND	750	ND	290	ND	ND	ND	220	640	520	ND	ND	ND	ND	ND	ND	ND	ND	2,630	
ITW-14	2,4- Dimethylphenol	1800	1900	4700	2000	8400	ND	2600	4600	1800	4400	1900	2700	3000	4300	4800	4900	11000	3900	1700	2600	3900	6100	4000	4500	*	
ITW-14	2- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	1800	2200	640	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*	
ITW-14	3&4- Methylphenol	NS	NS	NS	NS	NS	NS	NS	NS	3500	2700	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	*	
ITW-14	Arsenic	21	16	14	15	12	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	
ITW-14	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100	
WMW-17E	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	*	
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	*	
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	260	
WMW-17E	Acenaphthylene	ND	ND	ND	ND	0.14	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	2.5	ND	ND	5.7	ND	ND	2.7	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	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	323	
WMW-17E	Naphthalene	ND	ND	ND	ND	ND	0.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	2.5	1.6	1.7	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	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	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	0.003	
WMW-17E	1- Methylanthalene	ND	ND	ND	ND	ND	0.089	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	2	ND	1.1	*
WMW-17E	2- Methylanthalene	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	*	
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	*	
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	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	2,630	
WMW-17E	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	11	55	ND	ND	ND	ND	ND	ND	ND	ND	*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	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	*	
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	*	
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	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	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	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	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	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	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	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	0.003	
WMW-18E	1- Methylanthalene	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	*	
WMW-18E	2- Methylanthalene	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	*	
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	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	*	
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	*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	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	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	*	
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	*	
ESE-002	Acenaphthene	4.8	18	10	16	64	0.50	35	18	41	ND	24	5	2.7	ND	3	16	ND	2	28	ND	ND	20	9.6	37.0	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	130	
ESE-002	Anthracene	0.55	1.8	0.91	1.0	1.3	0.015	1.1	2.0	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	5.7	2.8	ND	2.3	ND	1,310		
ESE-002	Benzo(a)anthracene	ND	ND	ND	ND	0.034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	0.19	ND	ND	ND	ND	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	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	*	
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	323	

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	ROD cleanup goal	
ESE-002	Naphthalene	1.8	5.6	3	10	65	ND	ND	6.2	ND	ND	ND	3	ND	ND	ND	ND	ND	0.93	ND	ND	ND	ND	2.6	ND	24	18
ESE-002	Phenanthrene	4.7	34.0	7.5	18.0	38.0	0.035	37	24	36	11	15	4	3.5	4.8	ND	ND	ND	ND	10	ND	ND	ND	21	ND	13	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	130	
ESE-002	1- Methylnaphthalene	1.1	3.4	2.3	3.9	30	0.22	ND	4.1	ND	ND	ND	1.6	ND	3.4	ND	7.5	ND	ND	ND	ND	ND	2.4	ND	11	*	
ESE-002	2-Methylnaphthalene	5.1	14.0	3.7	8.2	110.0	1.3	6.0	4.0	ND	ND	48	15	ND	14	4.7	14	ND	ND	ND	ND	ND	11	3.1	14	*	
ESE-002	Total Potentially Carcinogenic PAHs	ND	ND	ND	ND	0.091	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	0.19	0	ND	ND	ND	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	2,630	
ESE-002	2,4- Dimethylphenol	12	ND	ND	12	ND	ND	ND	ND	13	ND	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ESE-002	Chromium	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	10	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	*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	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	*
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	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	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	323
ESE-004	Naphthalene	ND	ND	ND	0.38	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18
ESE-004	Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ESE-004	2,4- Dimethylphenol	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	*
ESE-004	Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,630
ESE-004	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100
ESE-007	Benzene	2.7	2.6	1.8	1.8	1.2	8	ND	ND	2.3	3.1	1.8	ND	1.1	4.7	3	11	9.5	20	14	12	9.3	11	6.8	5.2	1	
ESE-007	Toluene	9.5	26	6.8	3.8	3.3	78	62	25	22	33	7.8	43	11	26	2.2	190	210	290	190	160	120	170	7.1	5.2	*	
ESE-007	Ethylbenzene	42	8.2	6.3	4.9	4	24	ND	10	7.7	11	6	11	3.9	13	1.5	29	31	56	37	34	31	40	14	14	*	
ESE-007	Total Xylenes	10.4	9.4	5.3	4.9	4	20.7	ND	ND	7.6	10	5.6	10	3.9	14	4.5	31	30	61	44	39	34	44	17	13	*	
ESE-007	Acenaphthene	ND	ND	ND	ND	ND	ND	0.14	ND	ND	ND(J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260
ESE-007	Acenaphthylene	ND	1.5	ND	ND	ND	1.2	1.8	ND	ND	1.3(J)	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
ESE-007	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	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	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	130
ESE-007	1-Methylnaphthalene	ND	ND	ND	0.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.93	2.5	ND	ND	ND	1.9	ND	ND	*	
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	*	
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	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	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	*	
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	*
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	*
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	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	*100

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

ND = Not detected above the MDL.

NS = Not sampled for indicated compound.

* = No ROD Cleanup Goal for compound. Tested as part of complete scan for tests 8021, 8270 or 8310.

Y = Target compounds were quantified from a secondary dilution due to analyte abundance in the sample.

P = Identification of target analytes using LC methodology is based on retention time. Discretion should be employed during data review and interpretation of results for this target compound.

** = Free-phase product was observed in the groundwater sample collected at ITW-14 during the September 2007 sampling event.

PAH = Included as Total Potentially Carcinogenic PAHs.

Bolded values meet or exceed indicated ROD cleanup goals.