MATES UNDERGROUND OIL/WATER SEPARATOR CLOSURE SAMPLING REPORT

National Guard Training Center
Fort Stewart, Georgia

SUBMITTED TO:

STATE DEPARTMENT OF DEFENSE
935 East Confederate Avenue
Atlanta, Georgia 30316

PREPARED FOR:

STATE DEPARTMENT OF DEFENSE
935 East Confederate Avenue
Atlanta, Georgia 30316

PREPARED BY:

TETRA TECH EC, INC.
302 RESEARCH DRIVE
NORCROSS, GEORGIA
May 2010

DOCUMENT 7.22

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Prepared by:

Tetra Tech EC, Inc.
302 Research Drive
Suite 200
Norcross, GA 30092

May 2010

Tetra Tech EC, Inc. (TtEC) was contracted to remove the Oil/Water Separator (OWS) located in the northeast quadrant of the vehicle motor pool at the Maintenance and Training Equipment Site (MATES) at the National Guard Training Center (NGTC) on Fort Stewart, Georgia. In additional to removal of the OWS, the work included over-excavation of impacted soil in the OWS tank burial. Figure 1 shows the location of the OWS at the NGTC complex. Figure 2 shows the configuration of the OWS system including the underground OWS tank, underground piping, grit chamber and lift station prior to removal of the OWS. The project was performed under TtEC's Georgia Environmental Facilities Authority (GEFA) fee schedule and contract (GEFA-1F-F5).

The removal and over-excavation took place from October 15-21, 2007. Over-excavated soil was loaded and transported from the site on November 27-29, 2007. Details regarding the removal are found in the MATES Underground OWS Closure Report. This report presents the results of soil and groundwater sampling and analyses performed in conjunction with the project. Figure 3 presents groundwater sampling locations and results greater than laboratory Method Detection Limits. Figures 4, 5, 6 and 7 present soil sampling locations and results greater than laboratory Method Detection Limits.

PRELIMINARY SAMPLING

The first groundwater and soil sampling performed in association with the OWS was on February 20, 2007 when a possible release from the OWS was first suspected.

On February 20, 2007, three existing two-inch diameter, PVC-constructed, shallow monitoring wells located near the OWS were sampled and analyzed for Volatile Organic Compounds (VOCs) by Method 8260B and Semi-Volatile Organic Compounds (SVOCs) by Method 8270C. These wells are designated MW-1, MW-2 and MW-3 and were installed in 1999 during a Resource Conservation and Recovery Act (RCRA) Facilities Investigation of Solid Waste Management Unit (SWMU) 27J performed under the direction of Ft. Stewart, which was reportedly awarded a no further action status in May 2001. All three of the wells are shallow and are screened across the shallow water table (screened from approximately 2 to 12 feet below grade) and therefore provide access to shallow groundwater. Results from the groundwater analyses are shown in Table 1 and on Figure 2. Figure 2 also shows the location of the monitoring wells. SVOCs in all three samples were below Method Detection Limits, but there were two VOCs present above Detection Limits: 1,2-Dichloroethene and cis-1,2-Dichloroethene. One or both of these compounds were present in all three monitoring wells. No compounds were detected in excess of Federal drinking water Maximum Contaminant Levels (MCLs).

On February 20, 2007, a subsurface soil sample (TP1 [2']) was also obtained from adjacent to the OWS manway via hand auger and analyzed for VOCs and SVOCs by the methods listed above; and Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO) by Method 8015B. The sample was collected from a depth of 2-feet below grade, which

was located just above the shallow water table. The sample was collected adjacent to the OWS manway because this was the suspected (and later confirmed) source of the release. Results from the soil analyses are summarized in Table 2. A total of nine VOCs were reported above Detection Limits in the soil sample including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, m- & p-xylenes, o-xylene, N-propylbenzene, p-isopropyltoluene, sec-butylbenzene and total xylenes. Two SVOCs were reported above Detection Limits in the soil sample including 2-methylnaphthalene and pyrene. This greatest soil impact in the soil sample was from petroleum constituents with DRO at 25,000 milligrams per kilogram (mg/Kg), ORO at 19,000 mg/Kg, and GRO at 1,400 mg/Kg. The soil results were screened against the Hazardous Site Response Act (HSRA) Soil Notification Criteria and none of the constituents exceeded these criteria, where a criterion is listed.

At first, an attempt was made to repair the OWS, but a decision was later made to remove the OWS. The removal project was planned to include removal of the OWS underground tank and over-excavation of the associated impacted soil in the OWS burial. Superior Landfill, a local Subtitle-D landfill near Savannah, Georgia was identified as the disposal facility to be used for the excavated soil. In order to avoid stockpiling of excavated soil during the project, an attempt was made to perform the pre-admittance sampling required by the landfill to get the soil approved prior to project commencement. Under this scenario, the soil could be loaded and immediately hauled to the landfill as it was being excavated, thus saving the project the expense of stockpiling, profile sampling and a return mobilization to load the soil for transport to the landfill.

On September 18, 2007, one subsurface soil sample (SB-1) was collected from just above the water table (3 feet below ground surface) adjacent to the OWS access manway. This location represented the worst-case soil impact known to be present. The soil sample was collected using a hand auger and was analyzed for Toxicity Characteristic Leaching Procedure (TCLP) metals. The results from these analyses are presented in Table 3. Unfortunately, lead was detected in the sample at a concentration of 14 milligrams per liter (mg/L), which exceeded the RCRA hazardous characteristic criteria of 5 mg/L. Since the sample was collected from the soil with the worst-case impact, it was decided that the sample was not necessarily representative of the soil waste stream that would be generated during over-excavation. Based on this, a decision was made to change the project choreography to stockpile the excavated soil and then profile the soil once excavation was complete.

In order to determine whether the contents remaining in the OWS were hazardous due to lead, a sample of the sludge (OWS sludge) from the OWS was obtained on October 2, 2007 and analyzed for TCLP lead. The result was 0.16 mg/L (see Table 3), which is below the RCRA hazardous characteristic criteria of 5 mg/L.

REMOVAL SAMPLING

During the OWS removal in October 2007, the excavated soil was stockpiled on the adjacent concrete road. The soil was stockpiled on and covered with 6-mil polyethylene sheeting. There were two stockpiles formed; one with more heavily impacted soil (Stockpile #1), and one with less impacted soil (Stockpile #2). Stockpile #1 was about half the size of Stockpile #2. Four profile soil samples were obtained from Stockpile #1 (SP#1-1 through SP#1-4) and six profile soil samples were obtained from Stockpile #2 (SP#2-1 through SP#2-6). All of these samples were collected using a stainless steel trowel on October 17, 2007 and analyzed for TCLP lead. TCLP lead was the only constituent analyzed because it was the only one that exceeded RCRA hazardous characteristic criteria during the preliminary sampling. Results of the TCLP lead analyses for all ten stockpile samples were below the RCRA hazardous characteristic criteria for lead. The results are presented on Table 3. Based on these results, the soil was characterized as non-hazardous.

Over-excavation of impacted soil in the OWS burial was performed using a tracked excavator. Limits of the over-excavation were determined based on visual indicators and field screening using a photo-ionization detector (PID). The final excavation measured approximately 45-feet wide by 25-feet long by 10-feet deep. Once the excavation was complete, four confirmatory soil samples (EP-1, EP-2, EP-4, and EP-5) were collected from the excavation sidewalls (one per sidewall in a rectangular shaped excavation) and one sample (EP-3) was collected from the excavation floor to determine the presence of any residual impact. These samples were collected on October 18, 2007 using a stainless steel trowel. The excavation sidewalls samples were collected at a depth of 4 feet below grade and the excavation floor sample as collected at a depth of 10 feet below grade.

During the excavation process, oil-selective booms were used to recover a small amount of oil that was present on the surface of the water table in the excavation. The excavation was also dewatered by a NGTC contractor using pump trucks. The dewatering process resulted in the removal of a significant volume of petroleum contact water.

The soil samples were analyzed for VOCs, SVOCs GRO, DRO, ORO, and Total RCRA Metals. The size of the excavation, sample locations, depths and analytical results are summarized on Figures 4, 5, 6 and 7. Figure 4 contains VOC results that are related to petroleum constituents and the GRO, DRO and ORO results. Figure 5 contains VOC results that are identified as ketones. Figure 6 presents SVOC results and Figure 7 presents metals results. VOC and SVOC results are presented in Table 2 and metal results are presented in Table 3. No VOC, SVOC or metals concentrations exceeded HSRA Soil Notification Criteria and levels of GRO, DRO, and ORO were well below those of the initial sample taken in February 2007. Total metal results were also compared to 20 times the RCRA hazardous characteristic criteria to account for the dilution that occurs during the TCLP and there were no values that exceeded these criteria. Samples EP-3 and EP-4 were diluted during analyses and the laboratory provided both sets of

data. Table 2 contains both sets of data and the Figures show the higher of the two positive values.

POST OWS REMOVAL & OVER-EXCAVATION GROUNDWATER SAMPLING

Two 4-inch diameter, PVC-constructed vertical observation wells (designated OW-1 and OW-2) were installed in the gravel backfill from ground surface to the total depth of the excavation (10 feet below grade) when the excavation was backfilled. On November 28, 2007, TtEC remobilized to the site to sample the two new observation wells to determine the status of groundwater impact in the location of the former OWS. The wells were low-flow sampled using a peristaltic pump and Teflon-lined tubing in accordance with USEPA, Region IV, Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, November 2001. Groundwater sample stabilization parameters were monitored in the field and included pH, temperature, and specific conductivity using a YSI 556 MPS (with flow through cell) water quality meter and turbidity using a LaMotte 20/20 Turbidity Meter.

The two groundwater samples (OW-1 and OW-2) collected were analyzed for VOCs, SVOCs, and Total RCRA metals. A trip blank (TB-112807) was also submitted with the two water samples for VOC analysis. The VOC/SVOC results are presented in Table 1 and Figure 3 and the metal results are presented in Table 4. The results from this sampling indicated that there was no appreciable remaining groundwater impact in the location of the former OWS. There were trace concentrations of two VOCs, carbon disulfide and hexachlorobutadiene, found in the samples but these compounds were also found in the trip blank and/or laboratory method blank. The concentration of hexachlorobutadiene found in sample OW-1 was slightly above the HSRA Groundwater Criteria of 1.0 ug/L but it was an estimated value due to this compound being found in the method blank.

During the groundwater sampling in November 2007, the groundwater depth was measured relative to the top of casing elevation in wells MW-1, MW-2, MW-3, OW-1, and OW-2. The top of casing elevations of these five wells were also surveyed relative to each other with an accuracy of 0.01 feet. The groundwater elevation data was then used to determine the direction of groundwater flow in the immediate area of the former OWS. Groundwater elevations and flow direction are shown on Figure 8. Groundwater flow direction is to the east/southeast, which mimics surface topography.

All soil and groundwater samples collected during the project were sent to Severn Trent Laboratories/Test America in Savannah, Georgia for analyses. Laboratory data sheets are included as Appendix A.

This report was originally issued in draft format in January 2008. Finalization of the report was delayed due to project manager turnover and uncertainties associated with project regulation.

GROUNDWATER SCIENTIST STATEMENT:

"I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this document was prepared by myself or by a subordinate working under my direction."

William R. Fleck, P.G.

05-06-2010
Date

Tables

Contents

Table

Volatile/Semivolatile Organic Compounds in Soil, ug/Kg
MATES OWS
NGTC, Fort Stewart, GA

Parameters	HSRA Soil Notification Criteria, App. I	LC-MPA-TP1 (2') *	Over-Excavation Confirmatory Samples & Depth (feet)				
			EP-1 (4')	EP-2 (4')	EP-3 (10')	EP-4 (4')	EP-5 (4')
Sampling Date		02/20/07	10/18/07	10/18/07	10/18/07	10/18/07	10/18/07
VOCs:							
1,2,4-Trimethylbenzene	NA	18,000	2.0 J	6.8	42/52 JD	14/69 JD	ND
1,3,5-Trimethylbenzene	NA	5,800	16	22	150/380 D	45/180 JD	14
Isopropylbenzene	21,880	820 J	0.98 J	3.7 J	ND/27 JD	3.3 J/ND	ND
m- & p-Xylenes	20,000	2,000 J	ND	ND	ND/ND	ND/ND	ND
N-Propylbenzene	NA	2,100 J	ND	8.2	19/ND	ND/ND	ND
o-Xylene	20,000	1,100 J	1.8 J	3.1 J	23/40 JD	5.6/ND	ND
p-Isopropyltoluene	NA	47,000	39	57	690 E/1,600 D	200 E/830 D	54
sec-Butylbenzene	NA	4,400	5.6	16	83/200 D	25/94 JD	7.2
Xylenes, total	20,000	3,000 J	ND	3.1 J	23/ND	5.6 J/ND	ND
Acetone	2,740	ND	17 J	25 J	42 J/280 JDB	36 J/380 JDB	32 J
Naphthalene	100,000	ND	15	69	25/220 D	23/170 JD	ND
2-Butanone	790	ND	ND	ND	ND/ND	6.3 J/ND	4.5 J
Toluene	14,400	ND	ND	ND	ND/ND	1.5 J/ND	1.1 J
n-Butylbenzene	NA	ND	ND	ND	ND/330 D	ND/190 D	14
SVOCs:							
2-Methylnaphthalene	NA	3,100 J	100 J	89 J	340 J	59 J	26 J
Pyrene	500,000	1,300 J	120 J	160 J	390	180 J	180 J
Acenaphthene	300,000	ND	80 J	ND	ND	ND	74 J
Dibenzofuran	NA	ND	39 J	ND	ND	ND	ND
Fluorene	360,000	ND	120 J	150 J	ND	ND	ND
Phenanthrene	110,000	ND	330 J	350 J	400	ND	120 J
Di-n-butyl phthalate	NA	ND	87 JB	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	50,000	ND	420	500	1,800	730	650 B
GRO, DRO & ORO:							
Gasoline Range Organics	NA	1,400,000	9,200	8,500	39,000	43,000	15,000
Diesel Range Organics	NA	25,000,000	320,000	580,000	3,100,000	1,300,000	1,300,000
Oil Range Organics	NA	19,000,000	280,000	480,000	3,000,000	1,300,000	1,300,000

ug/Kg - micrograms per kilogram.
HSRA - Georgia Hazardous Site Response Act (391-3-19).
J - Result is an estimated value below the Reporting Limit, but above the Method Detection Limit.
ND - Non-Detect: Concentration Below Laboratory Method Detection Limit.
NA - No applicable Soil Criteria.
E - Initial result exceeded calibration range, second value is post-dilution.
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.
B - Compound was found in the blank and sample.
* - Reporting Limits are elevated due to levels of non-target analytes.
EP - Excavation Pit.
EP-3 and EP-4 were diluted during VOC analysis and both concentrations are reported.

Table

Metals in Soil, mg/Kg*
MATES OWS
NGTC, Fort Stewart, GA

Parameters	RCRA Hazardous Characteristic Criteria (HCC) by TCLP (mg/L)	NGTC-OWS SB-1 (3')	NGTC-OWS-Sludge	Stockpile #1 Profile Samples				Stockpile #2 Profile Samples					
				SP#1-1	SP#1-2	SP#1-3	SP#1-4	SP#2-1	SP#2-2	SP#2-3	SP#2-4	SP#2-5	SP#2-6
Sampling Date		09/18/07	10/02/07	10/17/07	10/17/07	10/17/07	10/17/07	10/17/07	10/17/07	10/17/07	10/17/07	10/17/07	10/17/07
TCLP Arsenic	5.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Barium	100	0.14 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Cadmium	1.0	0.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Chromium	5.0	0.018 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Lead	5.0	14	0.16 J	0.084 JB	0.044 JB	0.051 JB	0.15 JB	0.19 JB	0.20 JB	0.071 JB	0.38 B	0.056 JB	0.050 JB
TCLP Selenium	1.0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Silver	5.0	0.016 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Mercury	0.2	0.010 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Parameters	HSRA Soil Notification Criteria, App. I /20 X HCC	Over-Excavation Confirmatory Samples & Depth (feet)				
		EP-1 (4')	EP-2 (4')	EP-3 (10')	EP-4 (4')	EP-5 (4')
Sampling Date		10/18/07	10/18/07	10/18/07	10/18/07	10/18/07
Total Arsenic	41/100	ND	ND	ND	ND	ND
Total Barium	500/2,000	15	15	12	14	13
Total Cadmium	39/20	0.43 J	0.55	0.49	0.32 J	0.37 J
Total Chromium	1,200/100	4.2	4.0	3.2	3.9	3.5
Total Lead	300/100	6.0 B	6.2 B	8.2 B	6.0 B	5.7 B
Total Selenium	36/20	ND	ND	ND	ND	ND
Total Silver	10/100	ND	ND	ND	ND	ND
Total Mercury	17/4	0.012 J	0.014 J	0.016 J	0.017 J	0.012 J

HSRA - Georgia Hazardous Site Response Act (391-3-19).

* - TCLP results are given in milligrams per liter (mg/L), Total results are given in milligrams per kilogram (mg/Kg).

J - Result is greater than the Method Detection Limit but less than the Reporting Limit.

ND - Non-Detect: Concentration Below Laboratory Method Detection Limit.

NA - Not analyzed.

B - Compound was found in the method blank and sample.

EP - Excavation Pit.

SP - Stockpile.

Bold values indicate exceedance of criteria.

Table 4
Metals in Groundwater, ug/L
MATES OWS
NGTC, Fort Stewart, GA

Parameters	Maximum Contaminant Levels (MCL)	OW-1	OW-2
Sampling Date		11/28/07	11/28/07
Total Arsenic	10	3.4 J	4.5 J
Total Barium	2,000	23	28
Total Cadmium	5	ND	ND
Total Chromium	100	1.3 J	2.1 J
Total Lead	15	ND	<5.0
Total Selenium	50	ND	ND
Total Silver	NA/100	ND	ND
Total Mercury	2	ND	ND

ug/L - micrograms per liter.

HSRA - Georgia Hazardous Site Response Act (391-3-19).

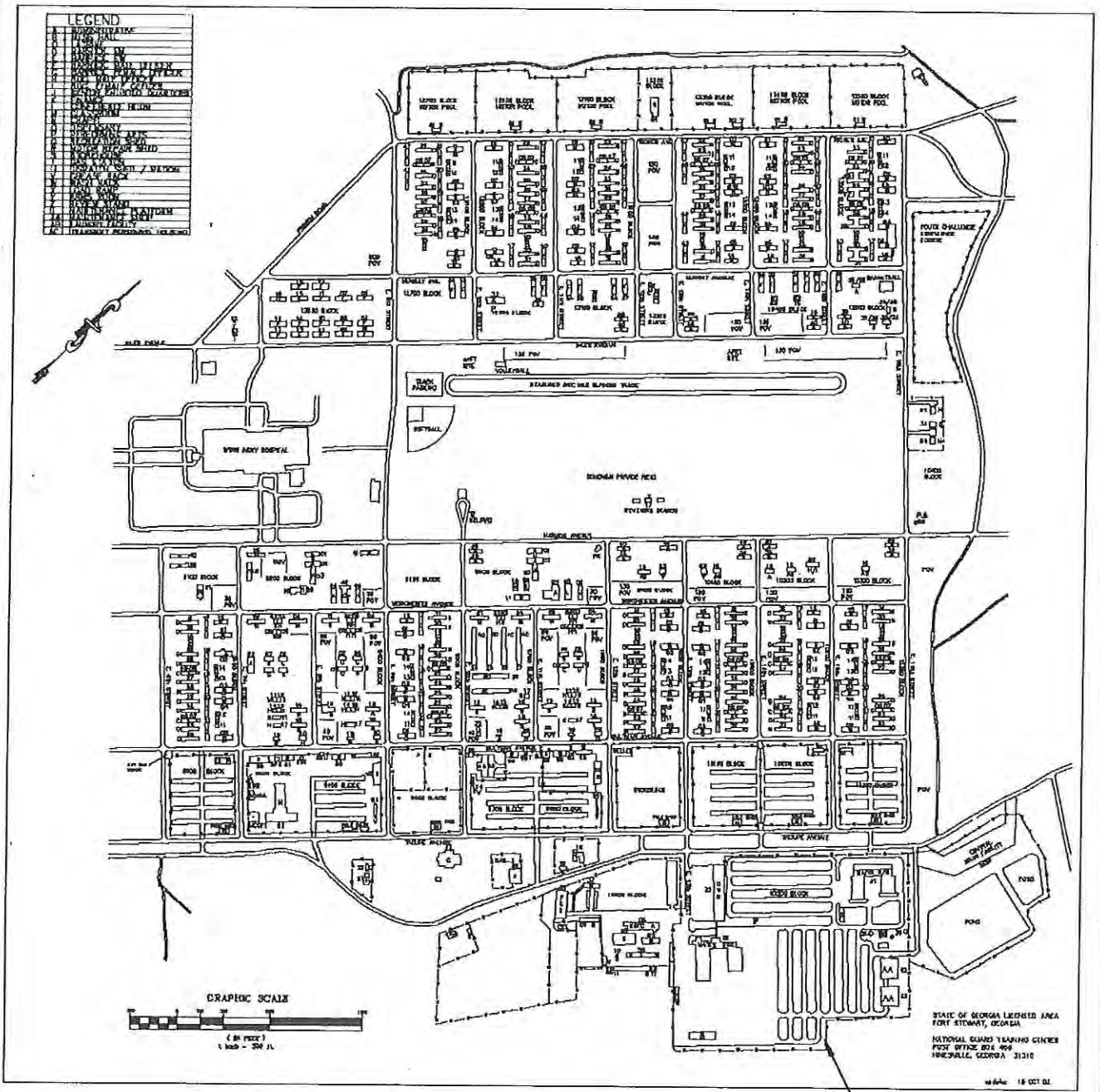
J - Result is greater than the Method Detection Limit but less than the Reporting Limit.

NA - No applicable MCL/ HSRA Groundwater Criteria given if available.

ND - Non-Detect: Concentration Below Laboratory Method Detection Limit.

Figures

Contents



TETRA TECH EC, INC.

MATES-OIL/WATER SEPARATOR (OWS) LOCATION
MATES-OWS CLOSURE SAMPLING REPORT
NATIONAL GUARD TRAINING CENTER
FT. STEWART, GA

Figure
1

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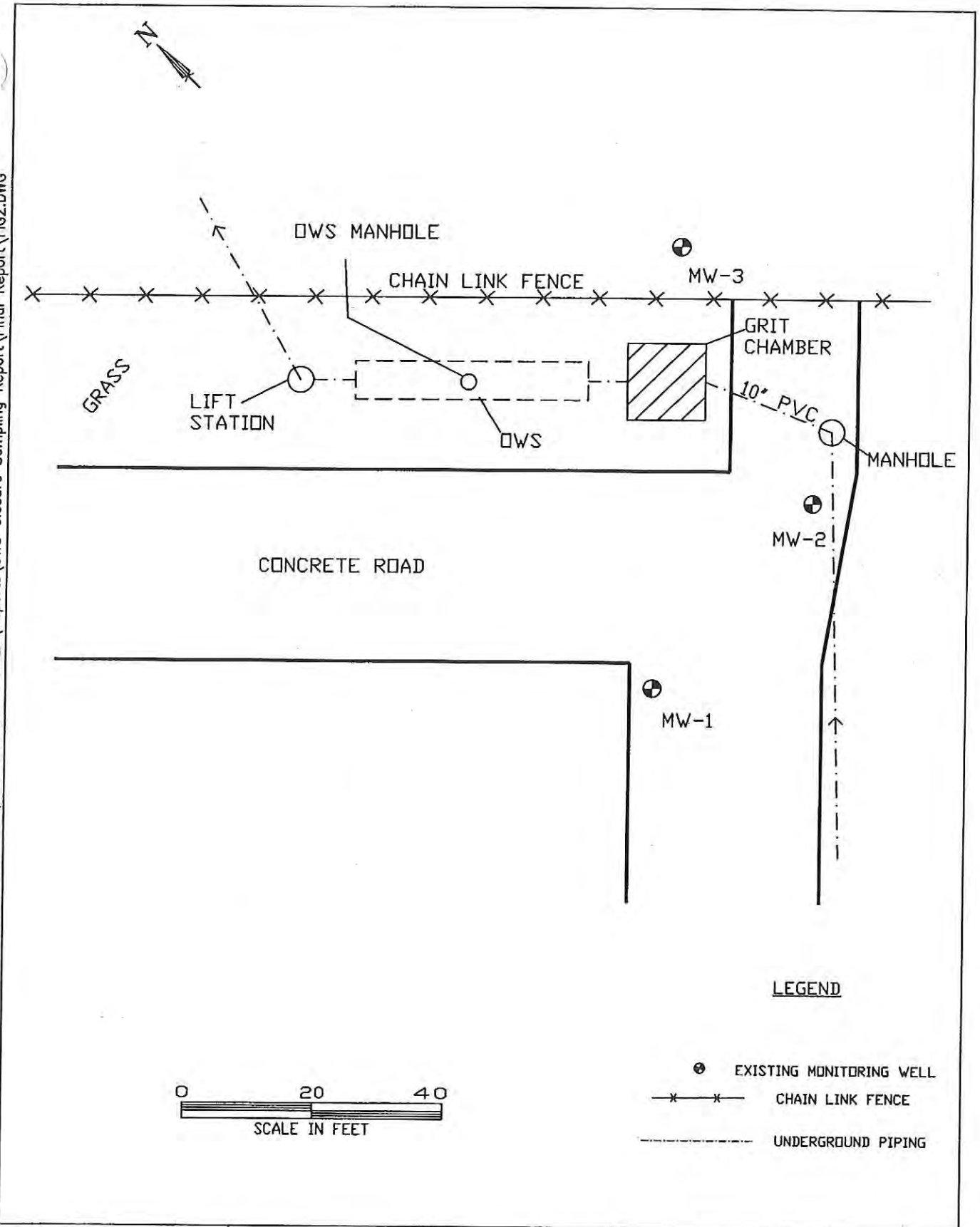
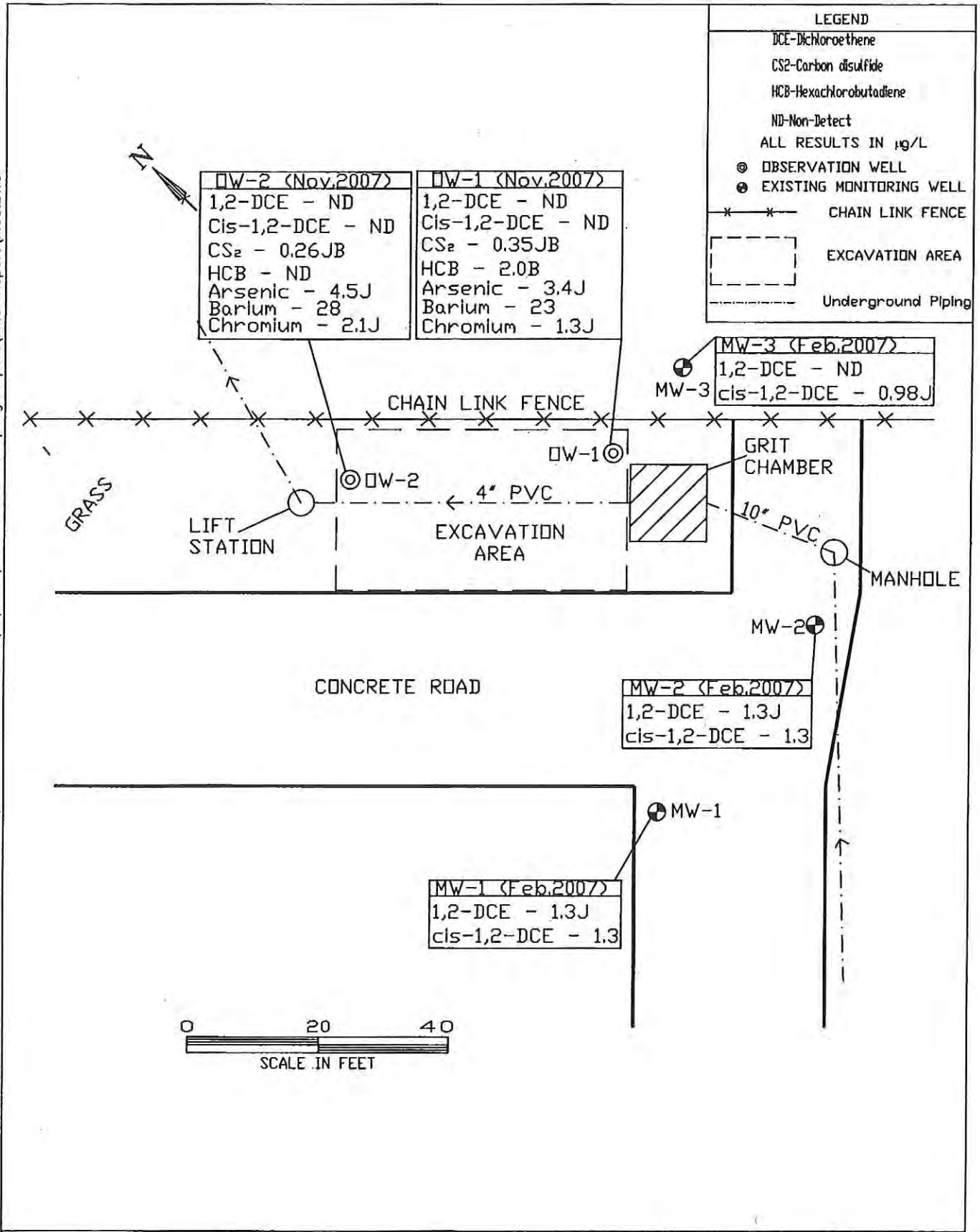


:\NATIONAL GUARD\NGTC MATES OWS REMOVAL & ASS\OWS Removal - 2\Reports\OWS Closure Sampling Report\Final Report\FIG2.DWG

TETRA TECH EC, INC.

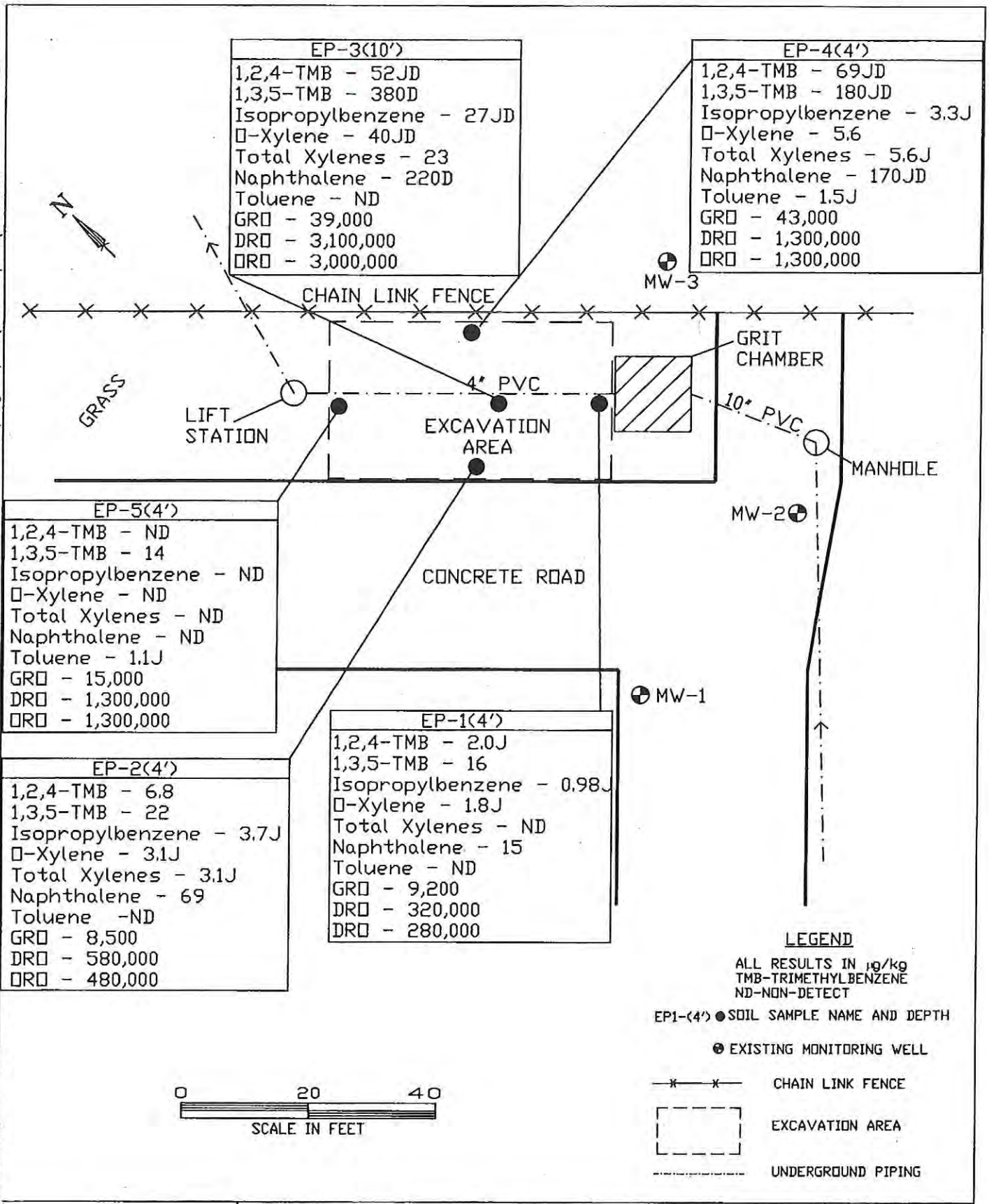
SITE MAP-PRIOR TO OWS REMOVAL
MATES-OWS CLOSURE SAMPLING REPORT
NATIONAL GUARD TRAINING CENTER
FT. STEWART, GA

Figure 2



J:\NATIONAL GUARD\NGTC MATES OWS REMOVAL & ASS\OWS Removal - 2007\Reports\OWS Closure Sampling Report\Final Report\FIG3.DWG

TETRA TECH EC, INC.	GROUNDWATER QUALITY MAP MATES-OWS CLOSURE SAMPLING REPORT NATIONAL GUARD TRAINING CENTER FT. STEWART, GA	Figure 3

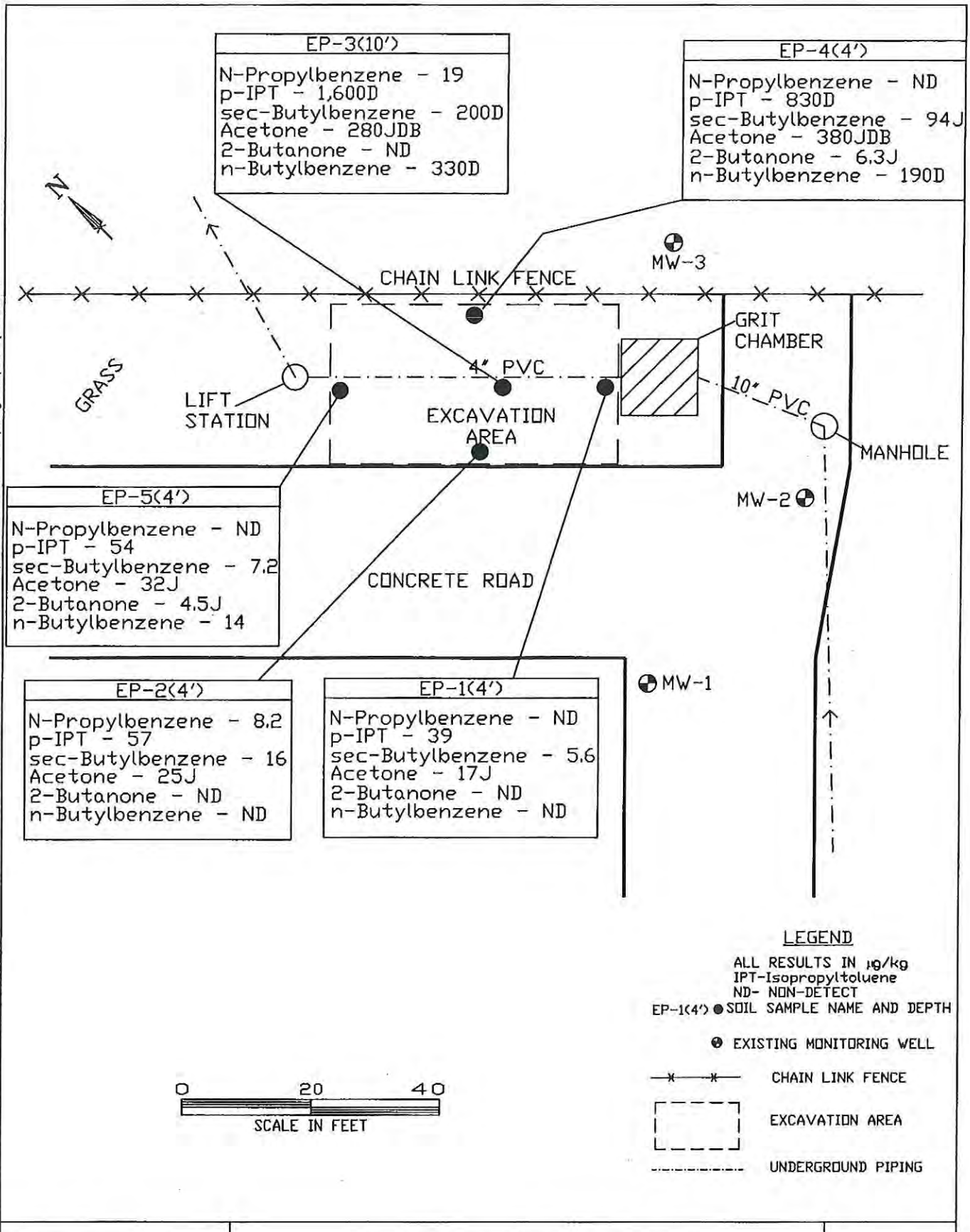


\NATIONAL GUARD\NGTC MATES OWS REMOVAL & ASS\OWS Removal - ...\Reports\OWS Closure Sampling Report\Final Report\FIG4.DWG

TETRA TECH EC, INC.

VOC (PETROLEUM RELATED), GRO, DRO & □RO CONCENTRATIONS In SOIL
MATES-OWS CLOSURE SAMPLING REPORT
NATIONAL GUARD TRAINING CENTER
FT. STEWART, GA

Figure 4

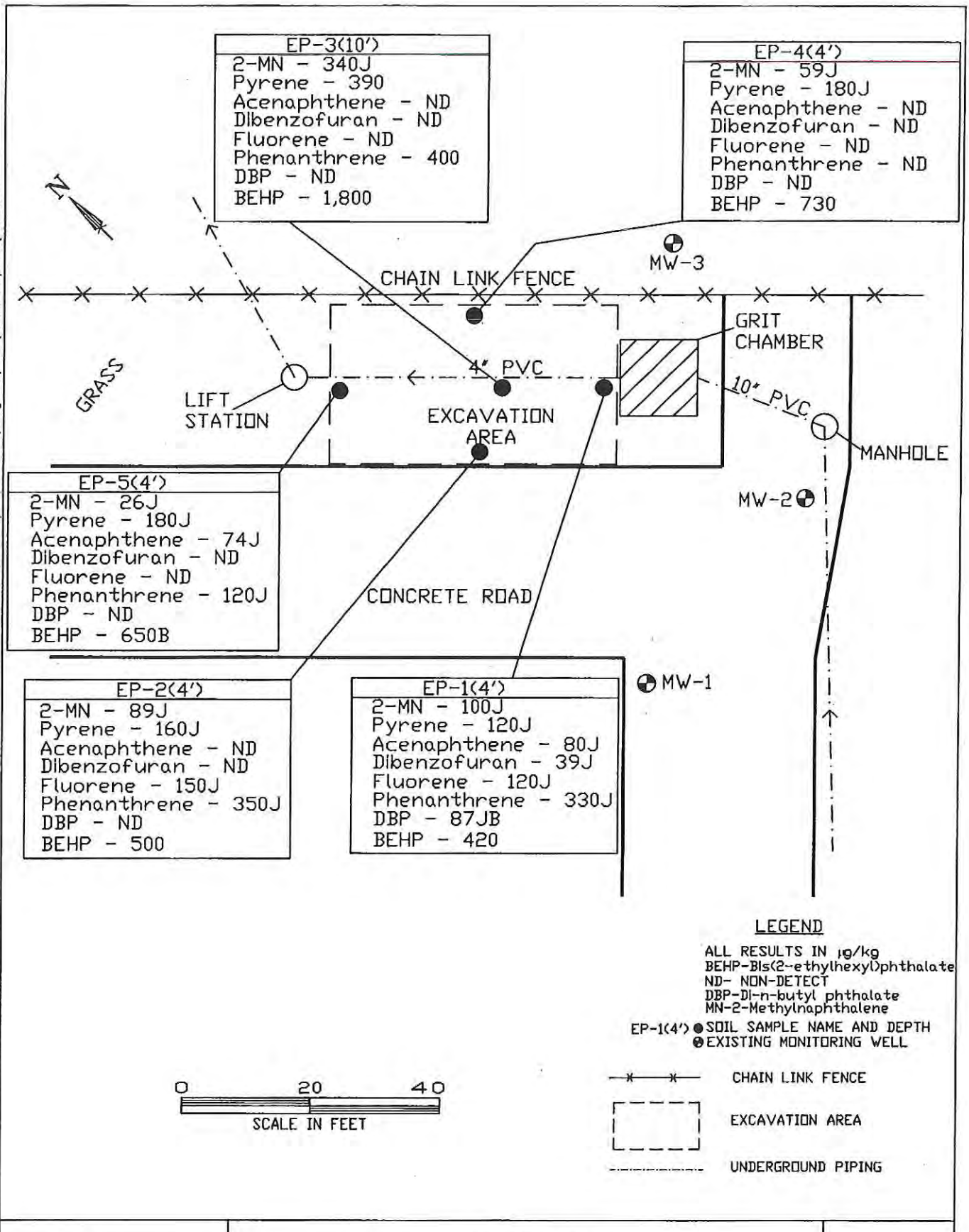


P:\NATIONAL GUARD\NGTC MATES OWS REMOVAL & ASS\OWS Removal - 2007\Reports\OWS Closure Sampling Report\FIG5.DWG

TETRA TECH EC, INC.

VOC's (KETONES) In SOIL
MATES-OWS CLOSURE SAMPLING REPORT
NATIONAL GUARD TRAINING CENTER
FT. STEWART, GA

Figure 5

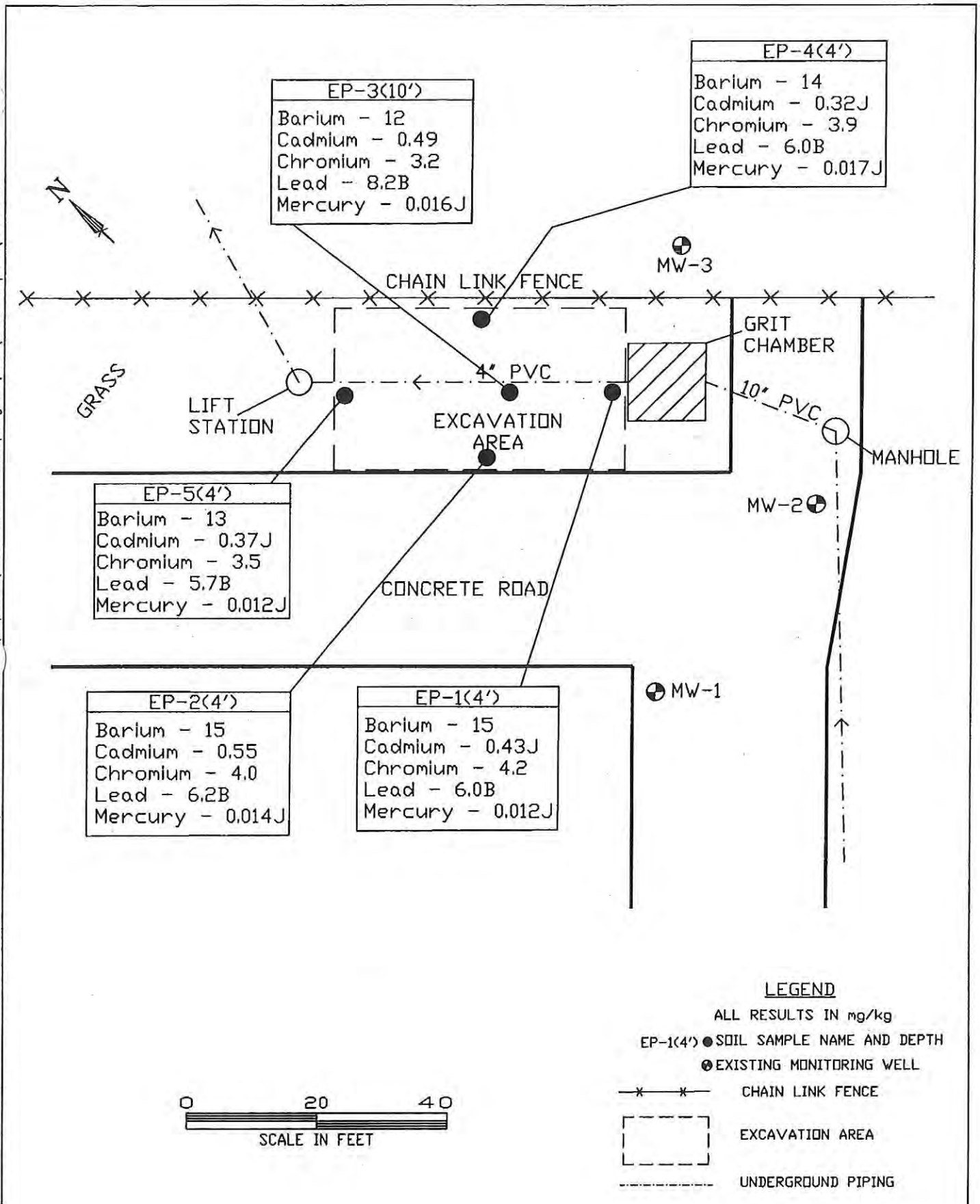


J:\NATIONAL GUARD\NGTC MATES OWS REMOVAL & ASS\OWS Removal - 2007\Reports\OWS Closure Sampling Report\Final Report\FIG6.DWG

TETRA TECH EC, INC.

SVOC's In SOIL
MATES-OWS CLOSURE SAMPLING REPORT
NATIONAL GUARD TRAINING CENTER
FT. STEWART, GA

Figure 6

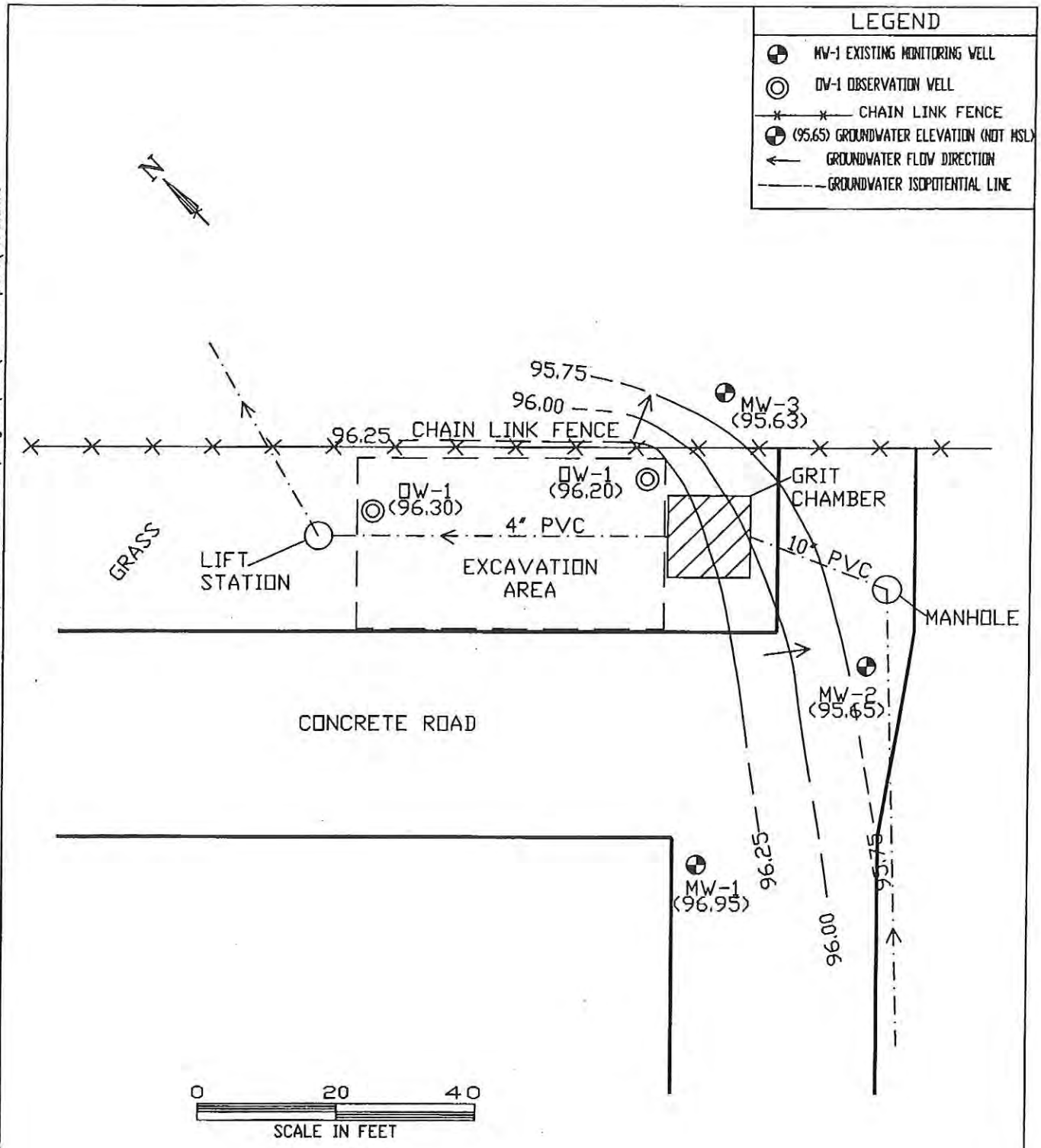


TIONAL GUARD\NGTC MATES OWS REMOVAL & ASS\OWS Removal - 2 Reports\OWS Closure Sampling Report\Final Report\FIG7.DWG

TETRA TECH EC, INC.

METALS In SOIL
MATES-OWS CLOSURE SAMPLING REPORT
NATIONAL GUARD TRAINING CENTER
FT. STEWART, GA

Figure 7



Note: Groundwater elevations are surveyed to a common datum and not MSL.

P:\NATIONAL GUARD\NGTC MATES OWS REMOVAL & ASS\OWS Removal - 2007\Reports\OWS Closure Sampling Report\Final Report\FIG8.DWG

TETRA TECH EC, INC.	GROUNDWATER POTENTIOMETRIC SURFACE MAP MATES-OWS CLOSURE SAMPLING REPORT NATIONAL GUARD TRAINING CENTER FT. STEWART, GA	Figure 8

Appendix A

Laboratory Analytical Results

SEVERN TRENT STL

ANALYTICAL REPORT

Job Number: 680-24553-1

Job Description: Mates Parking Area

For:
Tetra Tech EC, Inc.
302 Research Drive
Norcross, GA 30092

Attention: Mr. William Fleck

Kathryn Smith

Kathryn Smith
Project Manager I
kesmith@stl-inc.com
03/05/2007

Project Manager: Kathryn Smith

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Client: Tetra Tech EC, Inc.
Date: 03/05/2007

Semi-volatile GC/MS Department

Reporting Limit - Dilution, Non-Target

Method 8270C: Sample 24553-4 was diluted due to the abundance of non-target analytes. Elevated reporting limits (RLs) are provided.

Affected Items

680-24553-B-4-A

Batch: 680-68703
Method 680-8270C

METHOD SUMMARY

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge and Trap	STL SAV		SW846 5030A
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Ultrasonic Extraction	STL SAV		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	STL SAV	SW846 8015B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SAV	SW846 8015B	
Ultrasonic Extraction	STL SAV		SW846 3550B
Percent Moisture	STL SAV	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Continuous Liquid-Liquid Extraction	STL SAV		SW846 3520C

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

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

SAMPLE SUMMARY

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-24553-1	LC-MPA-MW 01	Water	02/20/2007 1245	02/23/2007 0955
680-24553-2	LC-MPA-MW 02	Water	02/20/2007 1300	02/23/2007 0955
680-24553-3	LC-MPA-MW 03	Water	02/20/2007 1330	02/23/2007 0955
680-24553-4	LC-MPA-TP1 (2')	Solid	02/20/2007 1400	02/23/2007 0955

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: **LC-MPA-MW 01**

Lab Sample ID: 680-24553-1
Client Matrix: Water

Date Sampled: 02/20/2007 1245
Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/28/2007 1513
Date Prepared: 02/28/2007 1513

Analysis Batch: 680-68646

Instrument ID: GC/MS Volatiles - P
Lab File ID: p2427.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloropropene	1.0	U	0.80	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,2-Dichloroethene, Total	1.3	J	1.2	2.0
1,2-Dichloropropane	1.0	U	0.26	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
1,3-Dichlorobenzene	1.0	U	0.28	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
1,4-Dichlorobenzene	1.0	U	0.44	1.0
2,2-Dichloropropane	1.0	U	0.86	1.0
2-Chloroethyl vinyl ether	10	U	0.55	10
2-Chlorotoluene	1.0	U	0.58	1.0
2-Hexanone	10	U	0.39	10
4-Chlorotoluene	1.0	U	0.44	1.0
Acetone	25	U	7.3	25
Benzene	1.0	U	0.54	1.0
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Bromoform	1.0	U	0.36	1.0
Bromodichloromethane	1.0	U	0.42	1.0
Bromomethane	1.0	U	0.93	1.0
Carbon disulfide	2.0	U	0.75	2.0
Carbon tetrachloride	1.0	U	0.91	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
hloromethane	1.0	U	0.53	1.0
cis-1,2-Dichloroethene	1.3		0.55	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Dibromochloromethane	1.0	U	0.40	1.0
Dibromomethane	1.0	U	0.33	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: **LC-MPA-MW 01**

Lab Sample ID: 680-24553-1
Client Matrix: Water

Date Sampled: 02/20/2007 1245
Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/28/2007 1513
Date Prepared: 02/28/2007 1513

Analysis Batch: 680-68646

Instrument ID: GC/MS Volatiles - P
Lab File ID: p2427.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
Isopropylbenzene	1.0	U	0.66	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
Methyl tert-butyl ether	10	U	0.45	10
Methylene Chloride	5.0	U	0.44	5.0
Naphthalene	5.0	U	0.12	5.0
4-Methyl-2-pentanone	10	U	0.45	10
2-Butanone	10	U	0.72	10
1,2-Dibromoethane	1.0	U	0.34	1.0
n-Butylbenzene	1.0	U	0.38	1.0
N-Propylbenzene	1.0	U	0.45	1.0
o-Xylene	1.0	U	0.49	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
sec-Butylbenzene	1.0	U	0.60	1.0
Styrene	1.0	U	0.42	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8 (Surr)	99	79 - 122

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: LC-MPA-MW 02

Lab Sample ID: 680-24553-2
Client Matrix: Water

Date Sampled: 02/20/2007 1300
Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/28/2007 1533
Date Prepared: 02/28/2007 1533

Analysis Batch: 680-68646

Instrument ID: GC/MS Volatiles - P
Lab File ID: p2428.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloropropene	1.0	U	0.80	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,2-Dichloroethene, Total	1.3	J	1.2	2.0
1,2-Dichloropropane	1.0	U	0.26	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
1,3-Dichlorobenzene	1.0	U	0.28	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
1,4-Dichlorobenzene	1.0	U	0.44	1.0
2,2-Dichloropropane	1.0	U	0.86	1.0
2-Chloroethyl vinyl ether	10	U	0.55	10
2-Chlorotoluene	1.0	U	0.58	1.0
2-Hexanone	10	U	0.39	10
4-Chlorotoluene	1.0	U	0.44	1.0
Acetone	25	U	7.3	25
Benzene	1.0	U	0.54	1.0
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Bromoform	1.0	U	0.36	1.0
Bromodichloromethane	1.0	U	0.42	1.0
Bromomethane	1.0	U	0.93	1.0
Carbon disulfide	2.0	U	0.75	2.0
Carbon tetrachloride	1.0	U	0.91	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Chloromethane	1.0	U	0.53	1.0
cis-1,2-Dichloroethene	1.3		0.55	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Dibromochloromethane	1.0	U	0.40	1.0
Dibromomethane	1.0	U	0.33	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: LC-MPA-MW 02

Lab Sample ID: 680-24553-2
Client Matrix: Water

Date Sampled: 02/20/2007 1300
Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/28/2007 1533
Date Prepared: 02/28/2007 1533

Analysis Batch: 680-68646

Instrument ID: GC/MS Volatiles - P
Lab File ID: p2428.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
Isopropylbenzene	1.0	U	0.66	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
Methyl tert-butyl ether	10	U	0.45	10
Methylene Chloride	5.0	U	0.44	5.0
Naphthalene	5.0	U	0.12	5.0
4-Methyl-2-pentanone	10	U	0.45	10
2-Butanone	10	U	0.72	10
1,2-Dibromoethane	1.0	U	0.34	1.0
n-Butylbenzene	1.0	U	0.38	1.0
N-Propylbenzene	1.0	U	0.45	1.0
o-Xylene	1.0	U	0.49	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
sec-Butylbenzene	1.0	U	0.60	1.0
Styrene	1.0	U	0.42	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	77 - 120
Dibromofluoromethane	93	75 - 123
Toluene-d8 (Surr)	99	79 - 122

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: **LC-MPA-MW 03**

Lab Sample ID: 680-24553-3
Client Matrix: Water

Date Sampled: 02/20/2007 1330
Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/28/2007 1552
Date Prepared: 02/28/2007 1552

Analysis Batch: 680-68646

Instrument ID: GC/MS Volatiles - P
Lab File ID: p2429.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloropropene	1.0	U	0.80	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
,2,4-Trichlorobenzene	1.0	U	0.28	1.0
,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,2-Dichloroethene, Total	2.0	U	1.2	2.0
1,2-Dichloropropane	1.0	U	0.26	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
1,3-Dichlorobenzene	1.0	U	0.28	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
1,4-Dichlorobenzene	1.0	U	0.44	1.0
2,2-Dichloropropane	1.0	U	0.86	1.0
2-Chloroethyl vinyl ether	10	U	0.55	10
2-Chlorotoluene	1.0	U	0.58	1.0
2-Hexanone	10	U	0.39	10
4-Chlorotoluene	1.0	U	0.44	1.0
Acetone	25	U	7.3	25
Benzene	1.0	U	0.54	1.0
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Bromoform	1.0	U	0.36	1.0
Bromodichloromethane	1.0	U	0.42	1.0
Bromomethane	1.0	U	0.93	1.0
Carbon disulfide	2.0	U	0.75	2.0
Carbon tetrachloride	1.0	U	0.91	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
loromethane	1.0	U	0.53	1.0
is-1,2-Dichloroethene	0.98	J	0.55	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Dibromochloromethane	1.0	U	0.40	1.0
Dibromomethane	1.0	U	0.33	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: **LC-MPA-MW 03**

Lab Sample ID: 680-24553-3
Client Matrix: Water

Date Sampled: 02/20/2007 1330
Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/28/2007 1552
Date Prepared: 02/28/2007 1552

Analysis Batch: 680-68646

Instrument ID: GC/MS Volatiles - P
Lab File ID: p2429.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
Isopropylbenzene	1.0	U	0.66	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
Methyl tert-butyl ether	10	U	0.45	10
Methylene Chloride	5.0	U	0.44	5.0
Naphthalene	5.0	U	0.12	5.0
4-Methyl-2-pentanone	10	U	0.45	10
2-Butanone	10	U	0.72	10
,2-Dibromoethane	1.0	U	0.34	1.0
n-Butylbenzene	1.0	U	0.38	1.0
N-Propylbenzene	1.0	U	0.45	1.0
o-Xylene	1.0	U	0.49	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
sec-Butylbenzene	1.0	U	0.60	1.0
Styrene	1.0	U	0.42	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8 (Surr)	99	79 - 122

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: LC-MPA-TP1 (2')

Lab Sample ID: 680-24553-4
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 02/20/2007 1400
Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030A
Dilution: 500
Date Analyzed: 03/02/2007 1358
Date Prepared: 03/02/2007 1358
Analysis Batch: 680-68828
Instrument ID: GC/MS Volatiles - M
Lab File ID: m0356.d
Initial Weight/Volume: 5.5 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		2800	U	780	2800
1,1,1-Trichloroethane		2800	U	480	2800
1,1,2,2-Tetrachloroethane		2800	U	560	2800
1,1,2-Trichloroethane		2800	U *	670	2800
1,1-Dichloroethane		2800	U	560	2800
1,1-Dichloroethene		2800	U	620	2800
1,1-Dichloropropene		2800	U	780	2800
1,2,3-Trichlorobenzene		2800	U	560	2800
1,2,3-Trichloropropane		2800	U	1500	2800
,2,4-Trichlorobenzene		2800	U	1200	2800
,2,4-Trimethylbenzene		18000		560	2800
1,2-Dibromo-3-Chloropropane		5600	U	2600	5600
1,2-Dichlorobenzene		2800	U	1000	2800
1,2-Dichloroethane		2800	U	670	2800
1,2-Dichloroethene, Total		5600	U	950	5600
1,2-Dichloropropane		2800	U *	730	2800
1,3,5-Trimethylbenzene		5800		730	2800
1,3-Dichlorobenzene		2800	U	620	2800
1,3-Dichloropropane		2800	U	670	2800
1,4-Dichlorobenzene		2800	U	780	2800
2,2-Dichloropropane		2800	U	670	2800
2-Chlorotoluene		2800	U	780	2800
2-Hexanone		14000	U	3000	14000
4-Chlorotoluene		2800	U	440	2800
Acetone		28000	U	1700	28000
Benzene		2800	U	480	2800
Bromobenzene		2800	U	520	2800
Bromochloromethane		2800	U	530	2800
Bromoform		2800	U	1200	2800
Bromodichloromethane		2800	U	560	2800
Bromomethane		2800	U	730	2800
Carbon disulfide		2800	U	560	2800
Carbon tetrachloride		2800	U	500	2800
Chlorobenzene		2800	U	390	2800
Chloroethane		2800	U	840	2800
Chloroform		2800	U	490	2800
Chloromethane		2800	U	390	2800
-1,2-Dichloroethene		2800	U	490	2800
s-1,3-Dichloropropene		2800	U *	510	2800
Dibromochloromethane		2800	U	620	2800
Dibromomethane		2800	U	730	2800
Dichlorodifluoromethane		2800	U	1400	2800
Ethylbenzene		2800	U	490	2800

Client: Tetra Tech EC, Inc. Job Number: 680-24553-1

Client Sample ID: **LC-MPA-TP1 (2')**

Lab Sample ID: 680-24553-4 Date Sampled: 02/20/2007 1400
Client Matrix: Solid % Moisture: 18.9 Date Received: 02/23/2007 0955

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-68828 Instrument ID: GC/MS Volatiles - M
Preparation: 5030A Lab File ID: m0356.d
Dilution: 500 Initial Weight/Volume: 5.5 g
Date Analyzed: 03/02/2007 1358 Final Weight/Volume: 5 g
Date Prepared: 03/02/2007 1358

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorobutadiene		2800	U	900	2800
Isopropylbenzene		820	J	550	2800
m-Xylene & p-Xylene		2000	J	1100	5600
Methyl tert-butyl ether		28000	U	1000	28000
Methylene Chloride		2800	U	900	2800
Naphthalene		2800	U	1900	2800
4-Methyl-2-pentanone		14000	U	3200	14000
2-Butanone		14000	U	2200	14000
1,2-Dibromoethane		2800	U	780	2800
-Butylbenzene		2800	U *	550	2800
N-Propylbenzene		2100	J	670	2800
o-Xylene		1100	J	780	2800
p-Isopropyltoluene		47000		670	2800
sec-Butylbenzene		4400		620	2800
Styrene		2800	U	480	2800
tert-Butylbenzene		2800	U	670	2800
Tetrachloroethene		2800	U	560	2800
Toluene		2800	U	560	2800
trans-1,2-Dichloroethene		2800	U	620	2800
trans-1,3-Dichloropropene		2800	U	620	2800
Trichloroethene		2800	U	670	2800
Trichlorofluoromethane		2800	U	780	2800
Vinyl acetate		5600	U	1100	5600
Vinyl chloride		2800	U	520	2800
Xylenes, Total		3000	J	1100	5600

Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	0	D	68 - 121
Dibromofluoromethane	0	D	66 - 127
Toluene-d8 (Surr)	0	D	65 - 128

Client: Tetra Tech EC, Inc. Job Number: 680-24553-1

Client Sample ID: **LC-MPA-MW 01**

Lab Sample ID: 680-24553-1 Date Sampled: 02/20/2007 1245
Client Matrix: Water Date Received: 02/23/2007 0955

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

Method: 8270C Analysis Batch: 680-68703 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3520C Prep Batch: 680-68394 Lab File ID: n5924.d
Dilution: 1.0 Initial Weight/Volume: 1000 mL
Date Analyzed: 03/01/2007 1402 Final Weight/Volume: 1 mL
Date Prepared: 02/27/2007 0839 Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.99	10
Bis(2-chloroethyl)ether	10	U	0.72	10
2-Chlorophenol	10	U	0.72	10
1,3-Dichlorobenzene	10	U	0.55	10
1,4-Dichlorobenzene	10	U	0.52	10
1,2-Dichlorobenzene	10	U	1.0	10
2-Methylphenol	10	U	0.70	10
N-Nitrosodi-n-propylamine	10	U	0.62	10
Hexachloroethane	10	U	1.0	10
itrobenzene	10	U	0.93	10
sophorone	10	U	0.67	10
2-Nitrophenol	10	U	0.73	10
2,4-Dimethylphenol	10	U	1.0	10
Bis(2-chloroethoxy)methane	10	U	0.78	10
2,4-Dichlorophenol	10	U	0.66	10
1,2,4-Trichlorobenzene	10	U	0.54	10
Naphthalene	10	U	0.76	10
4-Chloroaniline	20	U	0.52	20
Hexachlorobutadiene	10	U	1.0	10
4-Chloro-3-methylphenol	10	U	0.55	10
2-Methylnaphthalene	10	U	0.53	10
Hexachlorocyclopentadiene	10	U	5.0	10
2,4,6-Trichlorophenol	10	U	0.70	10
2,4,5-Trichlorophenol	10	U	0.63	10
2-Chloronaphthalene	10	U	0.62	10
2-Nitroaniline	50	U	0.69	50
Dimethyl phthalate	10	U	0.59	10
Acenaphthylene	10	U	0.58	10
3-Nitroaniline	50	U	0.69	50
Acenaphthene	10	U	0.64	10
2,4-Dinitrophenol	50	U	5.0	50
4-Nitrophenol	50	U	3.4	50
Dibenzofuran	10	U	0.69	10
2,4-Dinitrotoluene	10	U	0.56	10
2,6-Dinitrotoluene	10	U	0.57	10
3 & 4 Methylphenol	10	U	0.66	10
Diethyl phthalate	10	U	0.59	10
Chlorophenyl phenyl ether	10	U	0.56	10
luorene	10	U	0.55	10
4-Nitroaniline	50	U	0.85	50
4,6-Dinitro-2-methylphenol	50	U	1.0	50
N-Nitrosodiphenylamine	10	U	0.80	10
4-Bromophenyl phenyl ether	10	U	0.85	10

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: LC-MPA-MW 01

Lab Sample ID: 680-24553-1
Client Matrix: Water

Date Sampled: 02/20/2007 1245
Date Received: 02/23/2007 0955

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 03/01/2007 1402
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5924.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachlorobenzene	10	U	1.1	10
Pentachlorophenol	50	U	2.5	50
Phenanthrene	10	U	0.74	10
Anthracene	10	U	0.88	10
Di-n-butyl phthalate	10	U	0.82	10
Fluoranthene	10	U	1.0	10
Pyrene	10	U	1.0	10
Butyl benzyl phthalate	10	U	0.70	10
3,3'-Dichlorobenzidine	20	U	1.0	20
Benzo[a]anthracene	10	U	0.58	10
Bis(2-ethylhexyl) phthalate	10	U	0.98	10
Chrysene	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.80	10
Benzo[b]fluoranthene	10	U	0.78	10
Benzo[k]fluoranthene	10	U	0.73	10
Benzo[a]pyrene	10	U	1.0	10
Indeno[1,2,3-cd]pyrene	10	U	0.62	10
Dibenz(a,h)anthracene	10	U	1.0	10
Benzo[g,h,i]perylene	10	U	1.0	10
Carbazole	10	U	0.82	10
bis(chloroisopropyl) ether	10	U	0.82	10

Surrogate	%Rec	Acceptance Limits
Phenol-d5	69	55 - 104
2-Fluorophenol	72	56 - 100
2,4,6-Tribromophenol	90	55 - 126
Nitrobenzene-d5	75	60 - 102
2-Fluorobiphenyl	80	59 - 103
Terphenyl-d14	40	10 - 154

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: LC-MPA-MW 02

Lab Sample ID: 680-24553-2
Client Matrix: Water

Date Sampled: 02/20/2007 1300
Date Received: 02/23/2007 0955

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 03/01/2007 1428
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5925.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.99	10
Bis(2-chloroethyl)ether	10	U	0.72	10
2-Chlorophenol	10	U	0.72	10
1,3-Dichlorobenzene	10	U	0.55	10
1,4-Dichlorobenzene	10	U	0.52	10
1,2-Dichlorobenzene	10	U	1.0	10
2-Methylphenol	10	U	0.70	10
N-Nitrosodi-n-propylamine	10	U	0.62	10
Hexachloroethane	10	U	1.0	10
litrobenzene	10	U	0.93	10
isophorone	10	U	0.67	10
2-Nitrophenol	10	U	0.73	10
2,4-Dimethylphenol	10	U	1.0	10
Bis(2-chloroethoxy)methane	10	U	0.78	10
2,4-Dichlorophenol	10	U	0.66	10
1,2,4-Trichlorobenzene	10	U	0.54	10
Naphthalene	10	U	0.76	10
4-Chloroaniline	20	U	0.52	20
Hexachlorobutadiene	10	U	1.0	10
4-Chloro-3-methylphenol	10	U	0.55	10
2-Methylnaphthalene	10	U	0.53	10
Hexachlorocyclopentadiene	10	U	5.0	10
2,4,6-Trichlorophenol	10	U	0.70	10
2,4,5-Trichlorophenol	10	U	0.63	10
2-Chloronaphthalene	10	U	0.62	10
2-Nitroaniline	50	U	0.69	50
Dimethyl phthalate	10	U	0.59	10
Acenaphthylene	10	U	0.58	10
3-Nitroaniline	50	U	0.69	50
Acenaphthene	10	U	0.64	10
2,4-Dinitrophenol	50	U	5.0	50
4-Nitrophenol	50	U	3.4	50
Dibenzofuran	10	U	0.69	10
2,4-Dinitrotoluene	10	U	0.56	10
2,6-Dinitrotoluene	10	U	0.57	10
3 & 4 Methylphenol	10	U	0.66	10
Diethyl phthalate	10	U	0.59	10
Chlorophenyl phenyl ether	10	U	0.56	10
luorene	10	U	0.55	10
4-Nitroaniline	50	U	0.85	50
4,6-Dinitro-2-methylphenol	50	U	1.0	50
N-Nitrosodiphenylamine	10	U	0.80	10
4-Bromophenyl phenyl ether	10	U	0.85	10

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: LC-MPA-MW 02

Lab Sample ID: 680-24553-2
Client Matrix: Water

Date Sampled: 02/20/2007 1300
Date Received: 02/23/2007 0955

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 03/01/2007 1428
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5925.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachlorobenzene	10	U	1.1	10
Pentachlorophenol	50	U	2.5	50
Phenanthrene	10	U	0.74	10
Anthracene	10	U	0.88	10
Di-n-butyl phthalate	10	U	0.82	10
Fluoranthene	10	U	1.0	10
Pyrene	10	U	1.0	10
Butyl benzyl phthalate	10	U	0.70	10
3,3'-Dichlorobenzidine	20	U	1.0	20
Benzo[a]anthracene	10	U	0.58	10
Bis(2-ethylhexyl) phthalate	10	U	0.98	10
Chrysene	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.80	10
Benzo[b]fluoranthene	10	U	0.78	10
Benzo[k]fluoranthene	10	U	0.73	10
Benzo[a]pyrene	10	U	1.0	10
Indeno[1,2,3-cd]pyrene	10	U	0.62	10
Dibenz(a,h)anthracene	10	U	1.0	10
Benzo[g,h,i]perylene	10	U	1.0	10
Carbazole	10	U	0.82	10
bis(chloroisopropyl) ether	10	U	0.82	10

Surrogate	%Rec	Acceptance Limits
Phenol-d5	62	55 - 104
2-Fluorophenol	66	56 - 100
2,4,6-Tribromophenol	81	55 - 126
Nitrobenzene-d5	67	60 - 102
2-Fluorobiphenyl	69	59 - 103
Terphenyl-d14	27	10 - 154

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: LC-MPA-MW 03

Lab Sample ID: 680-24553-3
Client Matrix: Water

Date Sampled: 02/20/2007 1330
Date Received: 02/23/2007 0955

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 03/01/2007 1454
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5926.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.99	10
Bis(2-chloroethyl)ether	10	U	0.72	10
2-Chlorophenol	10	U	0.72	10
1,3-Dichlorobenzene	10	U	0.55	10
1,4-Dichlorobenzene	10	U	0.52	10
1,2-Dichlorobenzene	10	U	1.0	10
2-Methylphenol	10	U	0.70	10
N-Nitrosodi-n-propylamine	10	U	0.62	10
Hexachloroethane	10	U	1.0	10
Nitrobenzene	10	U	0.93	10
Isophorone	10	U	0.67	10
2-Nitrophenol	10	U	0.73	10
2,4-Dimethylphenol	10	U	1.0	10
Bis(2-chloroethoxy)methane	10	U	0.78	10
2,4-Dichlorophenol	10	U	0.66	10
1,2,4-Trichlorobenzene	10	U	0.54	10
Naphthalene	10	U	0.76	10
4-Chloroaniline	20	U	0.52	20
Hexachlorobutadiene	10	U	1.0	10
4-Chloro-3-methylphenol	10	U	0.55	10
2-Methylnaphthalene	10	U	0.53	10
Hexachlorocyclopentadiene	10	U	5.0	10
2,4,6-Trichlorophenol	10	U	0.70	10
2,4,5-Trichlorophenol	10	U	0.63	10
2-Chloronaphthalene	10	U	0.62	10
2-Nitroaniline	50	U	0.69	50
Dimethyl phthalate	10	U	0.59	10
Acenaphthylene	10	U	0.58	10
3-Nitroaniline	50	U	0.69	50
Acenaphthene	10	U	0.64	10
2,4-Dinitrophenol	50	U	5.0	50
4-Nitrophenol	50	U	3.4	50
Dibenzofuran	10	U	0.69	10
2,4-Dinitrotoluene	10	U	0.56	10
2,6-Dinitrotoluene	10	U	0.57	10
3 & 4 Methylphenol	10	U	0.66	10
Diethyl phthalate	10	U	0.59	10
4-Chlorophenyl phenyl ether	10	U	0.56	10
uorene	10	U	0.55	10
-Nitroaniline	50	U	0.85	50
4,6-Dinitro-2-methylphenol	50	U	1.0	50
N-Nitrosodiphenylamine	10	U	0.80	10
4-Bromophenyl phenyl ether	10	U	0.85	10

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: **LC-MPA-MW 03**

Lab Sample ID: 680-24553-3
Client Matrix: Water

Date Sampled: 02/20/2007 1330
Date Received: 02/23/2007 0955

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 03/01/2007 1454
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5926.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachlorobenzene	10	U	1.1	10
Pentachlorophenol	50	U	2.5	50
Phenanthrene	10	U	0.74	10
Anthracene	10	U	0.88	10
Di-n-butyl phthalate	10	U	0.82	10
Fluoranthene	10	U	1.0	10
Pyrene	10	U	1.0	10
Butyl benzyl phthalate	10	U	0.70	10
3,3'-Dichlorobenzidine	20	U	1.0	20
Benzo[a]anthracene	10	U	0.58	10
Bis(2-ethylhexyl) phthalate	10	U	0.98	10
Chrysene	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.80	10
Benzo[b]fluoranthene	10	U	0.78	10
Benzo[k]fluoranthene	10	U	0.73	10
Benzo[a]pyrene	10	U	1.0	10
Indeno[1,2,3-cd]pyrene	10	U	0.62	10
Dibenz(a,h)anthracene	10	U	1.0	10
Benzo[g,h,i]perylene	10	U	1.0	10
Carbazole	10	U	0.82	10
bis(chloroisopropyl) ether	10	U	0.82	10

Surrogate	%Rec	Acceptance Limits
Phenol-d5	69	55 - 104
2-Fluorophenol	74	56 - 100
2,4,6-Tribromophenol	85	55 - 126
Nitrobenzene-d5	76	60 - 102
2-Fluorobiphenyl	76	59 - 103
Terphenyl-d14	27	10 - 154

Client: Tetra Tech EC, Inc. Job Number: 680-24553-1

Client Sample ID: **LC-MPA-TP1 (2')**

Lab Sample ID: 680-24553-4 Date Sampled: 02/20/2007 1400
Client Matrix: Solid % Moisture: 18.9 Date Received: 02/23/2007 0955

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

Method: 8270C Analysis Batch: 680-68703 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-68524 Lab File ID: n5923.d
Dilution: 10 Initial Weight/Volume: 30.09 g
Date Analyzed: 03/01/2007 1308 Final Weight/Volume: 1.0 mL
Date Prepared: 02/28/2007 1400 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		4100	U	370	4100
Bis(2-chloroethyl)ether		4100	U	340	4100
2-Chlorophenol		4100	U	330	4100
1,3-Dichlorobenzene		4100	U	320	4100
1,4-Dichlorobenzene		4100	U	270	4100
1,2-Dichlorobenzene		4100	U	280	4100
2-Methylphenol		4100	U	370	4100
N-Nitrosodi-n-propylamine		4100	U	340	4100
Hexachloroethane		4100	U	250	4100
Nitrobenzene		4100	U	430	4100
Isophorone		4100	U	270	4100
2-Nitrophenol		4100	U	250	4100
2,4-Dimethylphenol		4100	U	430	4100
Bis(2-chloroethoxy)methane		4100	U	290	4100
2,4-Dichlorophenol		4100	U	280	4100
1,2,4-Trichlorobenzene		4100	U	260	4100
Naphthalene		4100	U	230	4100
4-Chloroaniline		8100	U	320	8100
Hexachlorobutadiene		4100	U	250	4100
4-Chloro-3-methylphenol		4100	U	420	4100
2-Methylnaphthalene		3100	J	290	4100
Hexachlorocyclopentadiene		4100	U	1000	4100
2,4,6-Trichlorophenol		4100	U	250	4100
2,4,5-Trichlorophenol		4100	U	390	4100
2-Chloronaphthalene		4100	U	290	4100
2-Nitroaniline		21000	U	280	21000
Dimethyl phthalate		4100	U	230	4100
Acenaphthylene		4100	U	210	4100
3-Nitroaniline		21000	U	410	21000
Acenaphthene		4100	U	230	4100
2,4-Dinitrophenol		21000	U	2100	21000
4-Nitrophenol		21000	U	2600	21000
Dibenzofuran		4100	U	230	4100
2,4-Dinitrotoluene		4100	U	230	4100
2,6-Dinitrotoluene		4100	U	410	4100
3 & 4 Methylphenol		4100	U	360	4100
Diethyl phthalate		4100	U	270	4100
4-Chlorophenyl phenyl ether		4100	U	230	4100
ıorene		4100	U	270	4100
Nitroaniline		21000	U	210	21000
4,6-Dinitro-2-methylphenol		21000	U	2500	21000
N-Nitrosodiphenylamine		4100	U	280	4100
4-Bromophenyl phenyl ether		4100	U	380	4100

Client: Tetra Tech EC, Inc. Job Number: 680-24553-1

Client Sample ID: LC-MPA-TP1 (2')

Lab Sample ID: 680-24553-4 Date Sampled: 02/20/2007 1400
Client Matrix: Solid % Moisture: 18.9 Date Received: 02/23/2007 0955

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

Method: 8270C Analysis Batch: 680-68703 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-68524 Lab File ID: n5923.d
Dilution: 10 Initial Weight/Volume: 30.09 g
Date Analyzed: 03/01/2007 1308 Final Weight/Volume: 1.0 mL
Date Prepared: 02/28/2007 1400 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorobenzene		4100	U	320	4100
Pentachlorophenol		21000	U	1000	21000
Phenanthrene		4100	U	360	4100
Anthracene		4100	U	280	4100
Di-n-butyl phthalate		4100	U	340	4100
Fluoranthene		4100	U	320	4100
Pyrene		1300	J	250	4100
Butyl benzyl phthalate		4100	U	330	4100
3,3'-Dichlorobenzidine		8100	U	370	8100
Benzo[a]anthracene		4100	U	380	4100
Bis(2-ethylhexyl) phthalate		4100	U	470	4100
Chrysene		4100	U	310	4100
Di-n-octyl phthalate		4100	U	380	4100
Benzo[b]fluoranthene		4100	U	320	4100
Benzo[k]fluoranthene		4100	U	440	4100
Benzo[a]pyrene		4100	U	230	4100
Indeno[1,2,3-cd]pyrene		4100	U	320	4100
Dibenz(a,h)anthracene		4100	U	290	4100
Benzo[g,h,i]perylene		4100	U	280	4100
Carbazole		4100	U	340	4100
bis(chloroisopropyl) ether		4100	U	430	4100

Surrogate	%Rec		Acceptance Limits
Phenol-d5	0	D	38 - 102
2-Fluorophenol	0	D	36 - 101
2,4,6-Tribromophenol	0	D	27 - 124
Nitrobenzene-d5	0	D	33 - 94
2-Fluorobiphenyl	0	D	38 - 104
Terphenyl-d14	0	D	40 - 129

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: **LC-MPA-TP1 (2')**

Lab Sample ID: 680-24553-4
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 02/20/2007 1400
Date Received: 02/23/2007 0955

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 02/27/2007 1837
Date Prepared: 02/24/2007 0935

Analysis Batch: 680-68656
Prep Batch: 680-68236

Instrument ID: GC Volatiles - A
Lab File ID: GE27A10.d
Initial Weight/Volume: 1.2 g
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		1400		42	130

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	79	61 - 139

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Client Sample ID: **LC-MPA-TP1 (2')**

Lab Sample ID: 680-24553-4
Client Matrix: Solid

% Moisture: 18.9

Date Sampled: 02/20/2007 1400
Date Received: 02/23/2007 0955

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 100
Date Analyzed: 03/05/2007 0048
Date Prepared: 02/28/2007 1515

Analysis Batch: 680-68901
Prep Batch: 680-68530

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0c04023.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		25000	M	210	410
Oil Range Organics (C20-C36)		19000	M	1000	2100

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	15 - 154

DATA REPORTING QUALIFIERS

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	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.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	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.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	M	Manual integrated compound.
	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.

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68646

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-68646/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2007 0816
Date Prepared: 02/28/2007 0816

Analysis Batch: 680-68646
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq862.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloropropene	1.0	U	0.80	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,2-Dichloroethene, Total	2.0	U	1.2	2.0
1,2-Dichloropropane	1.0	U	0.26	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
1,3-Dichlorobenzene	1.0	U	0.28	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
1,4-Dichlorobenzene	1.0	U	0.44	1.0
2,2-Dichloropropane	1.0	U	0.86	1.0
2-Chloroethyl vinyl ether	10	U	0.55	10
2-Chlorotoluene	1.0	U	0.58	1.0
2-Hexanone	10	U	0.39	10
4-Chlorotoluene	1.0	U	0.44	1.0
Acetone	25	U	7.3	25
Benzene	1.0	U	0.54	1.0
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Bromoform	1.0	U	0.36	1.0
Bromodichloromethane	1.0	U	0.42	1.0
Bromomethane	1.0	U	0.93	1.0
Carbon disulfide	2.0	U	0.75	2.0
Carbon tetrachloride	1.0	U	0.91	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Chloromethane	1.0	U	0.53	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Dibromochloromethane	1.0	U	0.40	1.0

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68646

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-68646/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2007 0816
Date Prepared: 02/28/2007 0816

Analysis Batch: 680-68646
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq862.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dibromomethane	1.0	U	0.33	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
Ethylbenzene	1.0	U	0.62	1.0
Hexachlorobutadiene	0.55	J	0.50	1.0
Isopropylbenzene	1.0	U	0.66	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
Methyl tert-butyl ether	10	U	0.45	10
Methylene Chloride	5.0	U	0.44	5.0
Naphthalene	5.0	U	0.12	5.0
4-Methyl-2-pentanone	10	U	0.45	10
2-Butanone	10	U	0.72	10
1,2-Dibromoethane	1.0	U	0.34	1.0
n-Butylbenzene	1.0	U	0.38	1.0
N-Propylbenzene	1.0	U	0.45	1.0
o-Xylene	1.0	U	0.49	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
sec-Butylbenzene	1.0	U	0.60	1.0
Styrene	1.0	U	0.42	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	93	77 - 120
Dibromofluoromethane	96	75 - 123
Toluene-d8 (Surr)	104	79 - 122

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68646

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-68646/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2007 0736
Date Prepared: 02/28/2007 0736

Analysis Batch: 680-68646
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq860.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	50.0	51.7	103	62 - 107	
1,1,1-Trichloroethane	50.0	58.0	116	70 - 132	
1,1,2,2-Tetrachloroethane	50.0	48.9	98	71 - 127	
1,1,2-Trichloroethane	50.0	53.8	108	75 - 122	
1,1-Dichloroethane	50.0	53.2	106	70 - 127	
1,1-Dichloroethene	50.0	48.8	98	64 - 132	
1,1-Dichloropropene	50.0	56.8	114	70 - 130	
1,2,3-Trichlorobenzene	50.0	48.5	97	38 - 130	
1,2,3-Trichloropropane	50.0	46.1	92	60 - 147	
1,2,4-Trichlorobenzene	50.0	47.9	96	48 - 131	
1,2,4-Trimethylbenzene	50.0	53.6	107	53 - 142	
1,2-Dibromo-3-Chloropropane	50.0	40.0	80	14 - 147	
1,2-Dichlorobenzene	50.0	49.0	98	71 - 125	
1,2-Dichloroethane	50.0	56.6	113	68 - 130	
1,2-Dichloroethene, Total	100	99.6	100	70 - 130	
1,2-Dichloropropane	50.0	56.5	113	74 - 123	
1,3,5-Trimethylbenzene	50.0	52.6	105	50 - 127	
1,3-Dichlorobenzene	50.0	49.1	98	70 - 125	
1,3-Dichloropropane	50.0	55.0	110	60 - 125	
1,4-Dichlorobenzene	50.0	49.6	99	65 - 127	
2,2-Dichloropropane	50.0	38.2	76	42 - 155	
2-Chloroethyl vinyl ether	100	114	114	70 - 130	
2-Chlorotoluene	50.0	50.6	101	53 - 133	
2-Hexanone	100	105	105	58 - 139	
4-Chlorotoluene	50.0	49.5	99	47 - 132	
Acetone	100	90.4	90	20 - 183	
Benzene	50.0	54.0	108	74 - 122	
Bromobenzene	50.0	49.5	99	55 - 131	
Bromochloromethane	75.0	55.2	74	50 - 154	
Bromoform	50.0	40.9	82	64 - 132	
Bromodichloromethane	50.0	58.1	116	74 - 128	
Bromomethane	50.0	53.2	106	21 - 176	
Carbon disulfide	50.0	52.1	104	60 - 130	
Carbon tetrachloride	50.0	58.1	116	64 - 137	
Chlorobenzene	50.0	49.4	99	75 - 123	
Chloroethane	50.0	60.4	121	40 - 171	
Chloroform	50.0	50.7	101	74 - 124	
Chloromethane	50.0	56.5	113	51 - 133	
cis-1,2-Dichloroethene	50.0	49.2	98	69 - 126	
cis-1,3-Dichloropropene	50.0	54.8	110	76 - 126	
Dibromochloromethane	50.0	45.2	90	75 - 126	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68646

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-68646/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2007 0736
Date Prepared: 02/28/2007 0736

Analysis Batch: 680-68646
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq860.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromomethane	50.0	54.0	108	70 - 130	
Dichlorodifluoromethane	50.0	54.3	109	70 - 130	
Ethylbenzene	50.0	52.4	105	77 - 123	
Hexachlorobutadiene	50.0	47.3	95	58 - 133	B
Isopropylbenzene	50.0	52.2	104	62 - 122	
m-Xylene & p-Xylene	100	104	104	74 - 123	
Methyl tert-butyl ether	100	100	100	70 - 130	
Methylene Chloride	50.0	49.6	99	67 - 128	
Naphthalene	50.0	44.4	89	58 - 143	
4-Methyl-2-pentanone	100	114	114	62 - 130	
2-Butanone	100	94.0	94	51 - 142	
1,2-Dibromoethane	50.0	53.0	106	60 - 118	
n-Butylbenzene	50.0	46.4	93	47 - 130	
N-Propylbenzene	50.0	51.2	102	53 - 125	
o-Xylene	50.0	51.2	102	76 - 122	
p-Isopropyltoluene	50.0	45.2	90	58 - 123	
sec-Butylbenzene	50.0	52.4	105	53 - 125	
Styrene	50.0	53.1	106	75 - 125	
tert-Butylbenzene	50.0	52.1	104	51 - 134	
Tetrachloroethene	50.0	48.8	98	70 - 133	
Toluene	50.0	56.0	112	75 - 122	
trans-1,2-Dichloroethene	50.0	50.4	101	67 - 130	
trans-1,3-Dichloropropene	50.0	54.3	109	75 - 126	
Trichloroethene	50.0	53.7	107	75 - 122	
Trichlorofluoromethane	50.0	52.6	105	74 - 165	
Vinyl acetate	100	81.9	82	47 - 150	
Vinyl chloride	50.0	56.1	112	59 - 136	
Xylenes, Total	150	156	104	77 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	100	75 - 123
Toluene-d8 (Surr)	110	79 - 122

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68828

Method: 8260B
Preparation: 5030A

Lab Sample ID: MB 680-68828/5
Client Matrix: Solid
Dilution: 40
Date Analyzed: 03/02/2007 1307
Date Prepared: 03/02/2007 1307

Analysis Batch: 680-68828
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq194.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	200	U	56	200
1,1,1-Trichloroethane	200	U	34	200
1,1,2,2-Tetrachloroethane	200	U	40	200
1,1,2-Trichloroethane	200	U	48	200
1,1-Dichloroethane	200	U	40	200
1,1-Dichloroethene	200	U	44	200
1,1-Dichloropropene	200	U	56	200
1,2,3-Trichlorobenzene	200	U	40	200
1,2,3-Trichloropropane	200	U	110	200
1,2,4-Trichlorobenzene	200	U	88	200
1,2,4-Trimethylbenzene	200	U	40	200
1,2-Dibromo-3-Chloropropane	400	U	180	400
1,2-Dichlorobenzene	200	U	72	200
1,2-Dichloroethane	200	U	48	200
1,2-Dichloroethene, Total	400	U	68	400
1,2-Dichloropropane	200	U	52	200
1,3,5-Trimethylbenzene	200	U	52	200
1,3-Dichlorobenzene	200	U	44	200
1,3-Dichloropropane	200	U	48	200
1,4-Dichlorobenzene	200	U	56	200
2,2-Dichloropropane	200	U	48	200
2-Chlorotoluene	200	U	56	200
2-Hexanone	1000	U	220	1000
4-Chlorotoluene	200	U	31	200
Acetone	2000	U	120	2000
Benzene	200	U	34	200
Bromobenzene	200	U	37	200
Bromochloromethane	200	U	38	200
Bromoform	200	U	88	200
Bromodichloromethane	200	U	40	200
Bromomethane	200	U	52	200
Carbon disulfide	200	U	40	200
Carbon tetrachloride	200	U	36	200
Chlorobenzene	200	U	28	200
Chloroethane	200	U	60	200
Chloroform	200	U	35	200
Chloromethane	200	U	28	200
cis-1,2-Dichloroethene	200	U	35	200
cis-1,3-Dichloropropene	200	U	36	200
Dibromochloromethane	200	U	44	200
Dibromomethane	200	U	52	200

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68828

Method: 8260B
Preparation: 5030A

Lab Sample ID: MB 680-68828/5
Client Matrix: Solid
Dilution: 40
Date Analyzed: 03/02/2007 1307
Date Prepared: 03/02/2007 1307

Analysis Batch: 680-68828
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq194.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	200	U	100	200
Ethylbenzene	200	U	35	200
Hexachlorobutadiene	200	U	64	200
Isopropylbenzene	200	U	40	200
m-Xylene & p-Xylene	400	U	80	400
Methyl tert-butyl ether	2000	U	72	2000
Methylene Chloride	200	U	64	200
Naphthalene	200	U	140	200
4-Methyl-2-pentanone	1000	U	230	1000
2-Butanone	1000	U	160	1000
1,2-Dibromoethane	200	U	56	200
n-Butylbenzene	200	U	40	200
N-Propylbenzene	200	U	48	200
o-Xylene	200	U	56	200
p-Isopropyltoluene	200	U	48	200
sec-Butylbenzene	200	U	44	200
Styrene	200	U	34	200
tert-Butylbenzene	200	U	48	200
Tetrachloroethene	200	U	40	200
Toluene	200	U	40	200
trans-1,2-Dichloroethene	200	U	44	200
trans-1,3-Dichloropropene	200	U	44	200
Trichloroethene	200	U	48	200
Trichlorofluoromethane	200	U	56	200
Vinyl acetate	400	U	76	400
Vinyl chloride	200	U	37	200
Xylenes, Total	400	U	80	400

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	68 - 121
Dibromofluoromethane	89	66 - 127
Toluene-d8 (Surr)	97	65 - 128

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68828

Method: 8260B
Preparation: 5030A

Lab Sample ID: LCS 680-68828/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 03/02/2007 1222
Date Prepared: 03/02/2007 1222

Analysis Batch: 680-68828
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq192.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	2000	2370	119	70 - 130	
1,1,1-Trichloroethane	2000	2460	123	58 - 139	
1,1,2,2-Tetrachloroethane	2000	2310	115	64 - 130	
1,1,2-Trichloroethane	2000	2420	121	76 - 120	*
1,1-Dichloroethane	2000	2220	111	43 - 157	
1,1-Dichloroethene	2000	2090	104	52 - 143	
1,1-Dichloropropene	2000	2340	117	76 - 126	
1,2,3-Trichlorobenzene	2000	2400	120	29 - 169	
1,2,3-Trichloropropane	2000	2340	117	33 - 210	
1,2,4-Trichlorobenzene	2000	2420	121	49 - 152	
1,2,4-Trimethylbenzene	2000	2390	120	74 - 133	
1,2-Dibromo-3-Chloropropane	2000	2140	107	21 - 180	
1,2-Dichlorobenzene	2000	2290	115	81 - 122	
1,2-Dichloroethane	2000	2530	127	65 - 133	
1,2-Dichloroethene, Total	4000	4320	108	35 - 154	
1,2-Dichloropropane	2000	2490	125	77 - 118	*
1,3,5-Trimethylbenzene	2000	2400	120	72 - 124	
1,3-Dichlorobenzene	2000	2280	114	84 - 120	
1,3-Dichloropropane	2000	2390	120	73 - 146	
1,4-Dichlorobenzene	2000	2330	117	67 - 133	
2,2-Dichloropropane	2000	2390	120	28 - 187	
2-Chlorotoluene	2000	2300	115	49 - 219	
2-Hexanone	4000	4400	110	30 - 148	
4-Chlorotoluene	2000	2300	115	45 - 218	
Acetone	4000	4320	108	28 - 143	
Benzene	2000	2300	115	79 - 118	
Bromobenzene	2000	2320	116	77 - 147	
Bromochloromethane	2000	2270	114	63 - 136	
Bromoform	2000	1980	99	62 - 137	
Bromodichloromethane	2000	2540	127	74 - 128	
Bromomethane	2000	2590	130	26 - 160	
Carbon disulfide	2000	2170	109	32 - 157	
Carbon tetrachloride	2000	2320	116	62 - 140	
Chlorobenzene	2000	2290	115	81 - 120	
Chloroethane	2000	2150	107	20 - 140	
Chloroform	2000	2270	114	77 - 125	
Chloromethane	2000	1920	96	42 - 140	
cis-1,2-Dichloroethene	2000	2130	106	69 - 131	
cis-1,3-Dichloropropene	2000	2520	126	71 - 123	*
Dibromochloromethane	2000	2440	122	67 - 135	
Dibromomethane	2000	2410	121	71 - 134	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68828

Method: 8260B
Preparation: 5030A

Lab Sample ID: LCS 680-68828/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 03/02/2007 1222
Date Prepared: 03/02/2007 1222

Analysis Batch: 680-68828
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq192.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	2000	2130	106	70 - 130	
Ethylbenzene	2000	2360	118	82 - 118	
Hexachlorobutadiene	2000	2440	122	29 - 135	
Isopropylbenzene	2000	2340	117	75 - 134	
m-Xylene & p-Xylene	4000	4610	115	74 - 121	
Methyl tert-butyl ether	4000	4330	108	37 - 168	
Methylene Chloride	2000	2130	107	54 - 150	
Naphthalene	2000	2210	110	42 - 250	
4-Methyl-2-pentanone	4000	4520	113	29 - 150	
2-Butanone	4000	4200	105	30 - 149	
1,2-Dibromoethane	2000	2310	115	76 - 130	
n-Butylbenzene	2000	2430	121	59 - 120	
N-Propylbenzene	2000	2360	118	67 - 134	
o-Xylene	2000	2310	116	74 - 122	
p-Isopropyltoluene	2000	2410	120	39 - 141	
sec-Butylbenzene	2000	2380	119	60 - 128	
Styrene	2000	2350	118	80 - 118	
tert-Butylbenzene	2000	2380	119	62 - 140	
Tetrachloroethene	2000	2250	112	79 - 132	
Toluene	2000	2350	118	80 - 118	
trans-1,2-Dichloroethene	2000	2190	110	35 - 154	
trans-1,3-Dichloropropene	2000	2510	126	75 - 126	
Trichloroethene	2000	2290	115	80 - 122	
Trichlorofluoromethane	2000	2220	111	38 - 146	
Vinyl acetate	4000	4860	122	1 - 184	
Vinyl chloride	2000	2100	105	34 - 154	
Xylenes, Total	6000	6920	115	74 - 122	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	120	68 - 121
Dibromofluoromethane	111	66 - 127
Toluene-d8 (Surr)	120	65 - 128

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68394

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-68394/10-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2007 1242
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5937.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Phenol	10	U	0.99	10
Bis(2-chloroethyl)ether	10	U	0.72	10
2-Chlorophenol	10	U	0.72	10
1,3-Dichlorobenzene	10	U	0.55	10
1,4-Dichlorobenzene	10	U	0.52	10
1,2-Dichlorobenzene	10	U	1.0	10
2-Methylphenol	10	U	0.70	10
N-Nitrosodi-n-propylamine	10	U	0.62	10
Hexachloroethane	10	U	1.0	10
Nitrobenzene	10	U	0.93	10
Isophorone	10	U	0.67	10
2-Nitrophenol	10	U	0.73	10
2,4-Dimethylphenol	10	U	1.0	10
Bis(2-chloroethoxy)methane	10	U	0.78	10
2,4-Dichlorophenol	10	U	0.66	10
1,2,4-Trichlorobenzene	10	U	0.54	10
Naphthalene	10	U	0.76	10
4-Chloroaniline	20	U	0.52	20
Hexachlorobutadiene	10	U	1.0	10
4-Chloro-3-methylphenol	10	U	0.55	10
2-Methylnaphthalene	10	U	0.53	10
Hexachlorocyclopentadiene	10	U	5.0	10
2,4,6-Trichlorophenol	10	U	0.70	10
2,4,5-Trichlorophenol	10	U	0.63	10
2-Chloronaphthalene	10	U	0.62	10
2-Nitroaniline	50	U	0.69	50
Dimethyl phthalate	10	U	0.59	10
Acenaphthylene	10	U	0.58	10
3-Nitroaniline	50	U	0.69	50
Acenaphthene	10	U	0.64	10
2,4-Dinitrophenol	50	U	5.0	50
4-Nitrophenol	50	U	3.4	50
Dibenzofuran	10	U	0.69	10
2,4-Dinitrotoluene	10	U	0.56	10
2,6-Dinitrotoluene	10	U	0.57	10
3 & 4 Methylphenol	10	U	0.66	10
Diethyl phthalate	10	U	0.59	10
4-Chlorophenyl phenyl ether	10	U	0.56	10
Fluorene	10	U	0.55	10
4-Nitroaniline	50	U	0.85	50
4,6-Dinitro-2-methylphenol	50	U	1.0	50

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68394

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-68394/10-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2007 1242
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5937.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	10	U	0.80	10
4-Bromophenyl phenyl ether	10	U	0.85	10
Hexachlorobenzene	10	U	1.1	10
Pentachlorophenol	50	U	2.5	50
Phenanthrene	10	U	0.74	10
Anthracene	10	U	0.88	10
Di-n-butyl phthalate	10	U	0.82	10
Fluoranthene	10	U	1.0	10
Pyrene	10	U	1.0	10
Butyl benzyl phthalate	10	U	0.70	10
3,3'-Dichlorobenzidine	20	U	1.0	20
Benzo[a]anthracene	10	U	0.58	10
Bis(2-ethylhexyl) phthalate	10	U	0.98	10
Chrysene	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.80	10
Benzo[b]fluoranthene	10	U	0.78	10
Benzo[k]fluoranthene	10	U	0.73	10
Benzo[a]pyrene	10	U	1.0	10
Indeno[1,2,3-cd]pyrene	0.93	J	0.62	10
Dibenz(a,h)anthracene	1.1	J	1.0	10
Benzo[g,h,i]perylene	1.3	J	1.0	10
Carbazole	10	U	0.82	10
bis(chloroisopropyl) ether	10	U	0.82	10

Surrogate	% Rec	Acceptance Limits
Phenol-d5	76	55 - 104
2-Fluorophenol	77	56 - 100
2,4,6-Tribromophenol	90	55 - 126
Nitrobenzene-d5	80	60 - 102
2-Fluorobiphenyl	83	59 - 103
Terphenyl-d14	106	10 - 154

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68394

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-68394/11-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2007 1123
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5922.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	100	69.6	70	46 - 106	
Bis(2-chloroethyl)ether	100	66.9	67	48 - 108	
2-Chlorophenol	100	73.1	73	54 - 106	
1,3-Dichlorobenzene	100	57.0	57	38 - 97	
1,4-Dichlorobenzene	100	59.5	60	40 - 92	
1,2-Dichlorobenzene	100	60.9	61	42 - 98	
2-Methylphenol	100	74.4	74	57 - 110	
N-Nitrosodi-n-propylamine	100	70.9	71	49 - 135	
Hexachloroethane	100	55.5	55	35 - 89	
Nitrobenzene	100	75.7	76	57 - 110	
Isophorone	100	78.3	78	60 - 113	
2-Nitrophenol	100	84.2	84	59 - 114	
2,4-Dimethylphenol	100	67.2	67	51 - 111	
Bis(2-chloroethoxy)methane	100	80.1	80	55 - 115	
2,4-Dichlorophenol	100	80.5	80	62 - 112	
1,2,4-Trichlorobenzene	100	71.1	71	46 - 99	
Naphthalene	100	73.4	73	42 - 108	
4-Chloroaniline	100	51.0	51	22 - 107	
Hexachlorobutadiene	100	77.6	78	43 - 109	
4-Chloro-3-methylphenol	100	81.4	81	58 - 118	
2-Methylnaphthalene	100	76.8	77	51 - 110	
Hexachlorocyclopentadiene	100	59.9	60	1 - 84	
2,4,6-Trichlorophenol	100	87.7	88	61 - 118	
2,4,5-Trichlorophenol	100	89.4	89	62 - 119	
2-Chloronaphthalene	100	81.7	82	58 - 111	
2-Nitroaniline	100	81.8	82	60 - 122	
Dimethyl phthalate	100	85.8	86	64 - 112	
Acenaphthylene	100	82.4	82	53 - 117	
3-Nitroaniline	100	75.3	75	46 - 114	
Acenaphthene	100	86.8	87	49 - 117	
2,4-Dinitrophenol	100	80.6	81	13 - 176	
4-Nitrophenol	100	67.4	67	30 - 139	
Dibenzofuran	100	82.1	82	65 - 109	
2,4-Dinitrotoluene	100	90.3	90	45 - 140	
2,6-Dinitrotoluene	100	91.6	92	65 - 124	
3 & 4 Methylphenol	100	72.3	72	49 - 114	
Diethyl phthalate	100	85.2	85	61 - 115	
4-Chlorophenyl phenyl ether	100	83.7	84	59 - 112	
Fluorene	100	83.8	84	43 - 124	
4-Nitroaniline	100	73.1	73	47 - 127	
4,6-Dinitro-2-methylphenol	100	92.9	93	42 - 155	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68394

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-68394/11-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2007 1123
Date Prepared: 02/27/2007 0839

Analysis Batch: 680-68703
Prep Batch: 680-68394
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5922.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodiphenylamine	100	89.2	89	30 - 130	
4-Bromophenyl phenyl ether	100	81.0	81	50 - 112	
Hexachlorobenzene	100	94.5	95	60 - 122	
Pentachlorophenol	100	73.2	73	44 - 132	
Phenanthrene	100	87.4	87	58 - 120	
Anthracene	100	88.5	88	57 - 118	
Di-n-butyl phthalate	100	88.3	88	58 - 122	
Fluoranthene	100	86.2	86	51 - 125	
Pyrene	100	97.8	98	49 - 135	
Butyl benzyl phthalate	100	97.9	98	62 - 124	
3,3'-Dichlorobenzidine	100	60.0	60	29 - 101	
Benzo[a]anthracene	100	87.6	88	55 - 119	
Bis(2-ethylhexyl) phthalate	100	92.1	92	57 - 125	
Chrysene	100	89.6	90	56 - 122	
Di-n-octyl phthalate	100	84.5	85	55 - 128	
Benzo[b]fluoranthene	100	87.0	87	44 - 130	
Benzo[k]fluoranthene	100	102	102	47 - 129	
Benzo[a]pyrene	100	85.6	86	36 - 128	
Indeno[1,2,3-cd]pyrene	100	74.6	75	40 - 132	
Dibenz(a,h)anthracene	100	86.4	86	47 - 126	
Benzo[g,h,i]perylene	100	84.9	85	45 - 128	
Carbazole	100	84.5	85	60 - 120	
bis(chloroisopropyl) ether	100	60.6	61	45 - 114	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	73	55 - 104
2-Fluorophenol	72	56 - 100
2,4,6-Tribromophenol	98	55 - 126
Nitrobenzene-d5	78	60 - 102
2-Fluorobiphenyl	84	59 - 103
Terphenyl-d14	97	10 - 154

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68524

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-68524/20-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/01/2007 1005
Date Prepared: 02/28/2007 1400

Analysis Batch: 680-68703
Prep Batch: 680-68524
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5919.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Phenol	330	U	30	330
Bis(2-chloroethyl)ether	330	U	28	330
2-Chlorophenol	330	U	27	330
1,3-Dichlorobenzene	330	U	26	330
1,4-Dichlorobenzene	330	U	22	330
1,2-Dichlorobenzene	330	U	23	330
2-Methylphenol	330	U	30	330
N-Nitrosodi-n-propylamine	330	U	28	330
Hexachloroethane	330	U	20	330
Nitrobenzene	330	U	35	330
Isophorone	330	U	22	330
2-Nitrophenol	330	U	20	330
2,4-Dimethylphenol	330	U	35	330
Bis(2-chloroethoxy)methane	330	U	24	330
2,4-Dichlorophenol	330	U	23	330
1,2,4-Trichlorobenzene	330	U	21	330
Naphthalene	330	U	19	330
4-Chloroaniline	660	U	26	660
Hexachlorobutadiene	330	U	20	330
4-Chloro-3-methylphenol	330	U	34	330
2-Methylnaphthalene	330	U	24	330
Hexachlorocyclopentadiene	330	U	83	330
2,4,6-Trichlorophenol	330	U	20	330
2,4,5-Trichlorophenol	330	U	32	330
2-Chloronaphthalene	330	U	24	330
2-Nitroaniline	1700	U	23	1700
Dimethyl phthalate	330	U	19	330
Acenaphthylene	330	U	17	330
3-Nitroaniline	1700	U	33	1700
Acenaphthene	330	U	19	330
2,4-Dinitrophenol	1700	U	170	1700
4-Nitrophenol	1700	U	210	1700
Dibenzofuran	330	U	19	330
2,4-Dinitrotoluene	330	U	19	330
2,6-Dinitrotoluene	330	U	33	330
3 & 4 Methylphenol	330	U	29	330
Diethyl phthalate	330	U	22	330
'-Chlorophenyl phenyl ether	330	U	19	330
luorene	330	U	22	330
4-Nitroaniline	1700	U	17	1700
4,6-Dinitro-2-methylphenol	1700	U	200	1700

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68524

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-68524/20-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/01/2007 1005
Date Prepared: 02/28/2007 1400

Analysis Batch: 680-68703
Prep Batch: 680-68524
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5919.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	330	U	23	330
4-Bromophenyl phenyl ether	330	U	31	330
Hexachlorobenzene	330	U	26	330
Pentachlorophenol	1700	U	83	1700
Phenanthrene	330	U	29	330
Anthracene	330	U	23	330
Di-n-butyl phthalate	330	U	28	330
Fluoranthene	330	U	26	330
Pyrene	330	U	20	330
Butyl benzyl phthalate	330	U	27	330
3,3'-Dichlorobenzidine	660	U	30	660
Benzo[a]anthracene	330	U	31	330
Bis(2-ethylhexyl) phthalate	330	U	38	330
Chrysene	330	U	25	330
Di-n-octyl phthalate	330	U	31	330
Benzo[b]fluoranthene	330	U	26	330
Benzo[k]fluoranthene	330	U	36	330
Benzo[a]pyrene	330	U	19	330
Indeno[1,2,3-cd]pyrene	100	J	26	330
Dibenz(a,h)anthracene	120	J	24	330
Benzo[g,h,i]perylene	120	J	23	330
Carbazole	330	U	28	330
bis(chloroisopropyl) ether	330	U	35	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	57	38 - 102
2-Fluorophenol	59	36 - 101
2,4,6-Tribromophenol	64	27 - 124
Nitrobenzene-d5	54	33 - 94
2-Fluorobiphenyl	63	38 - 104
Terphenyl-d14	81	40 - 129

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68524

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-68524/21-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/01/2007 1058
Date Prepared: 02/28/2007 1400

Analysis Batch: 680-68703
Prep Batch: 680-68524
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5921.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2160	65	34 - 98	
Bis(2-chloroethyl)ether	3330	2060	62	30 - 98	
2-Chlorophenol	3330	2240	67	36 - 99	
1,3-Dichlorobenzene	3330	1970	59	34 - 90	
1,4-Dichlorobenzene	3330	1930	58	32 - 90	
1,2-Dichlorobenzene	3330	2050	61	35 - 93	
2-Methylphenol	3330	2320	70	38 - 107	
N-Nitrosodi-n-propylamine	3330	2160	65	24 - 108	
Hexachloroethane	3330	1970	59	31 - 88	
Nitrobenzene	3330	2150	65	33 - 106	
Isophorone	3330	2240	67	37 - 106	
2-Nitrophenol	3330	2370	71	38 - 104	
2,4-Dimethylphenol	3330	2440	73	40 - 112	
Bis(2-chloroethoxy)methane	3330	2320	70	38 - 106	
2,4-Dichlorophenol	3330	2430	73	43 - 108	
1,2,4-Trichlorobenzene	3330	2250	68	36 - 98	
Naphthalene	3330	2240	67	34 - 97	
4-Chloroaniline	3330	1800	54	7 - 103	
Hexachlorobutadiene	3330	2590	78	42 - 105	
4-Chloro-3-methylphenol	3330	2480	74	39 - 113	
2-Methylnaphthalene	3330	2290	69	39 - 104	
Hexachlorocyclopentadiene	3330	2610	78	20 - 109	
2,4,6-Trichlorophenol	3330	2550	77	44 - 113	
2,4,5-Trichlorophenol	3330	2560	77	46 - 116	
2-Chloronaphthalene	3330	2380	71	41 - 110	
2-Nitroaniline	3330	2440	73	38 - 124	
Dimethyl phthalate	3330	2470	74	43 - 114	
Acenaphthylene	3330	2450	74	41 - 112	
3-Nitroaniline	3330	2050	62	19 - 118	
Acenaphthene	3330	2570	77	36 - 108	
2,4-Dinitrophenol	3330	2610	78	1 - 131	
4-Nitrophenol	3330	2240	67	21 - 132	
Dibenzofuran	3330	2440	73	44 - 108	
2,4-Dinitrotoluene	3330	2700	81	32 - 128	
2,6-Dinitrotoluene	3330	2610	78	38 - 128	
3 & 4 Methylphenol	3330	2260	68	37 - 106	
Diethyl phthalate	3330	2500	75	41 - 118	
4-Chlorophenyl phenyl ether	3330	2490	75	42 - 111	
Fluorene	3330	2460	74	37 - 113	
4-Nitroaniline	3330	2230	67	32 - 130	
4,6-Dinitro-2-methylphenol	3330	2900	87	11 - 142	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Lab Control Spike - Batch: 680-68524

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-68524/21-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/01/2007 1058
Date Prepared: 02/28/2007 1400

Analysis Batch: 680-68703
Prep Batch: 680-68524
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5921.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodiphenylamine	3330	2640	79	16 - 113	
4-Bromophenyl phenyl ether	3330	2380	71	38 - 106	
Hexachlorobenzene	3330	2790	84	46 - 115	
Pentachlorophenol	3330	2300	69	27 - 116	
Phenanthrene	3330	2600	78	47 - 114	
Anthracene	3330	2620	79	46 - 115	
Di-n-butyl phthalate	3330	2580	77	35 - 93	
Fluoranthene	3330	2580	77	41 - 124	
Pyrene	3330	2720	82	36 - 128	
Butyl benzyl phthalate	3330	2800	84	43 - 127	
3,3'-Dichlorobenzidine	3330	2320	70	1 - 118	
Benzo[a]anthracene	3330	2640	79	46 - 116	
Bis(2-ethylhexyl) phthalate	3330	2650	80	25 - 134	
Chrysene	3330	2710	81	46 - 118	
Di-n-octyl phthalate	3330	2600	78	43 - 129	
Benzo[b]fluoranthene	3330	2500	75	35 - 122	
Benzo[k]fluoranthene	3330	2530	76	36 - 124	
Benzo[a]pyrene	3330	2560	77	37 - 120	
Indeno[1,2,3-cd]pyrene	3330	2630	79	36 - 133	
Dibenz(a,h)anthracene	3330	2650	80	41 - 124	
Benzo[g,h,i]perylene	3330	2620	79	41 - 122	
Carbazole	3330	2500	75	47 - 118	
bis(chloroisopropyl) ether	3330	1780	53	16 - 116	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	68	38 - 102
2-Fluorophenol	67	36 - 101
2,4,6-Tribromophenol	86	27 - 124
Nitrobenzene-d5	65	33 - 94
2-Fluorobiphenyl	72	38 - 104
Terphenyl-d14	81	40 - 129

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68656

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-68656/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/27/2007 1520
Date Prepared: N/A

Analysis Batch: 680-68656
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: GE27A7.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	5.0	U	1.6	5.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	70	61 - 139

Lab Control Spike - Batch: 680-68656

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-68656/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/27/2007 1211
Date Prepared: N/A

Analysis Batch: 680-68656
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: GE27A5.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	40.0	42.7	107	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	78	61 - 139

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

Client: Tetra Tech EC, Inc.

Job Number: 680-24553-1

Method Blank - Batch: 680-68530

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-68530/5-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/04/2007 2133
Date Prepared: 02/28/2007 1515

Analysis Batch: 680-68901
Prep Batch: 680-68530
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0c04014.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	3.3	U M	1.7	3.3
Oil Range Organics (C20-C36)	17	U M	8.5	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	108	15 - 154

Lab Control Spike - Batch: 680-68530

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-68530/6-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/04/2007 2112
Date Prepared: 02/28/2007 1515

Analysis Batch: 680-68901
Prep Batch: 680-68530
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0c04013.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	33.3	31.1	93	40 - 140	M

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	99	15 - 154

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

Serial Number 56728

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Mates Parking AREA		GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Jess Horsley		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
William Fleck	(770)825-7100	
CLIENT NAME	CLIENT E-MAIL	
Tetra Tech		
CLIENT ADDRESS		
302 Research Drive Norcross, GA 30092		
COMPANY CONTRACTING THIS WORK (if applicable)		

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC 8260	SVOC 8270	NUMBER OF CONTAINERS SUBMITTED
2007 2/20	1245	LC-MPA-mw01	G					X	X	6
2/20	1300	LC-MPA-mw02	G					X	X	6
2/20	1330	LC-MPA-mw03	G					X	X	6

PAGE | OF

STANDARD REPORT DELIVERY ○

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUB PER SHIPMENT:

REMARKS

TEMP.: 2.0

Page 42 of 43

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				2/23	955			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
D. Hughes	2/23/07	9	YES ○ NO ○		60-24553	

STL8240-6

Serial Number 85291

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
MATES PARKING AREA		GA
STL (LAB) PROJECT MANAGER	**P.O. NUMBER**	**CONTRACT NO.**
Jess Hornsby		
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
William Fleck		
CLIENT NAME	**CLIENT E-MAIL**	
TetraTech ECI		
CLIENT ADDRESS		
302 Research Drive Norcross, GA. 30092		
COMPANY CONTRACTING THIS WORK (if applicable)		

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC 8260	SVOC 8270	TPH-GRO	TPH-DRO	TPH-DRO	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2007 2/20	1400	LC-MPA-TP1(2')	G		X			X	X	X	X	X		

PAGE OF

STANDARD REPORT DELIVERY ○

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUB PER SHIPMENT:

TEMP: 20

Page 43 of 43

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				4/23	955			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATOR REMARKS
S. Hughes	2/23/07	955	YES ○ NO ○		680-24553	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-30207-1

Job Description: GANGA-DWS

For:
Tetra Tech EC, Inc.
302 Research Drive
Norcross, GA 30092

Attention: Mr. William Fleck

Kathryn Smith

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com
09/21/2007

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

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

ACCREDITED IN ACCORDANCE WITH nelac

METHOD SUMMARY

Client: Tetra Tech EC, Inc.

Job Number: 680-30207-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Toxicity Characteristic Leaching Procedure	TAL SAV		SW846 1311
Acid Digestion of Aqueous Samples and Extracts for	TAL SAV		SW846 3010A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7470A	
Toxicity Characteristic Leaching Procedure	TAL SAV		SW846 1311
Mercury in Liquid Waste (Manual Cold Vapor	TAL SAV		SW846 7470A

Lab References:

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: Tetra Tech EC, Inc.

Job Number: 680-30207-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-30207-1	NGTC-OWS SB-1 (3')	Solid	09/18/2007 1030	09/18/2007 1218

Client: Tetra Tech EC, Inc.

Job Number: 680-30207-1

Client Sample ID: **NGTC-OWS SB-1 (3')**

Lab Sample ID: 680-30207-1
Client Matrix: Solid

Date Sampled: 09/18/2007 1030
Date Received: 09/18/2007 1218

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 09/21/2007 0944
Date Prepared: 09/20/2007 1159
Date Leached: 09/19/2007 1300

Analysis Batch: 680-86156
Prep Batch: 680-85988
Leachate Batch: 680-85859

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.20	U	0.059	0.20
Barium		0.14	J	0.020	1.0
Cadmium		0.73		0.0053	0.10
Chromium		0.018	J	0.013	0.20
Lead		14		0.023	0.20
Selenium		0.50	U	0.036	0.50
Silver		0.016	J	0.0051	0.10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 09/20/2007 1942
Date Prepared: 09/20/2007 1324
Date Leached: 09/19/2007 1300

Analysis Batch: 680-86177
Prep Batch: 680-86033
Leachate Batch: 680-85859

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.50 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.010	J	0.0080	0.020

DATA REPORTING QUALIFIERS

Client: Tetra Tech EC, Inc.

Job Number: 680-30207-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Tetra Tech EC, Inc.

Job Number: 680-30207-1

TCLP SPLPE Leachate Blank - Batch: 680-85988

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: LB 680-85859/4-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2007 0921
Date Prepared: 09/20/2007 1159
Date Leached: 09/19/2007 1300

Analysis Batch: 680-86156
Prep Batch: 680-85988
Units: mg/L

Leachate Batch: 680-85859

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	0.20	U	0.059	0.20
Barium	1.0	U	0.020	1.0
Cadmium	0.10	U	0.0053	0.10
Chromium	0.20	U	0.013	0.20
Lead	0.20	U	0.023	0.20
Selenium	0.50	U	0.036	0.50
Silver	0.10	U	0.0051	0.10

Lab Control Spike - Batch: 680-85988

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 680-85988/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2007 0926
Date Prepared: 09/20/2007 1159

Analysis Batch: 680-86156
Prep Batch: 680-85988
Units: mg/L

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	20.0	18.2	91	75 - 125	
Barium	20.0	18.3	92	75 - 125	
Cadmium	0.500	0.452	90	75 - 125	
Chromium	2.00	1.85	92	75 - 125	
Lead	5.00	4.65	93	75 - 125	
Selenium	20.0	17.9	89	75 - 125	
Silver	0.500	0.469	94	75 - 125	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-30207-1

TCLP SPLPE Leachate Blank - Batch: 680-86033

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID: LB 680-85859/4-C
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/20/2007 1929
Date Prepared: 09/20/2007 1324
Date Leached: 09/19/2007 1300

Analysis Batch: 680-86177
Prep Batch: 680-86033
Units: mg/L

Leachate Batch: 680-85859

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.020	U	0.0080	0.020

Lab Control Spike - Batch: 680-86033

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-86033/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/20/2007 1933
Date Prepared: 09/20/2007 1324

Analysis Batch: 680-86177
Prep Batch: 680-86033
Units: mg/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 0.50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.250	0.222	89	80 - 120	

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

Serial Number 74030

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT STL®

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS	PAGE
ANGA-OWS		GA			OF
(LAB) PROJECT MANAGER: Abby Smith	P.O. NUMBER	CONTRACT NO.			STANDARD REPORT DELIVERY ○
ENT (SITE) PM: William Fleck	CLIENT PHONE: (770) 825-7100	CLIENT FAX			DATE DUE
ENT NAME: FMA Tech ECI	CLIENT E-MAIL				EXPEDITED REPORT DELIVERY (SURCHARGE) ○
ENT ADDRESS: 12 Research Drive Norcross, GA. 30092					DATE DUE
APANY CONTRACTING THIS WORK (if applicable)					NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
9/07/07	1030	ANGA-OWS SB-1(3')	G		X			X	

TCLP MC tals

pH 9.0

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	9/08/07							
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	9-18-07	1215			680-30207	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-30657-1

Job Description: NGTC

For:
Tetra Tech EC, Inc.
302 Research Drive
Norcross, GA 30092

Attention: Mr. William Fleck

Kathryn Smith

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com
10/05/2007

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

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

ACCREDITED IN ACCORDANCE WITH nelac

METHOD SUMMARY

Client: Tetra Tech EC, Inc.

Job Number: 680-30657-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Toxicity Characteristic Leaching Procedure	TAL SAV		SW846 1311
Acid Digestion of Aqueous Samples and Extracts for	TAL SAV		SW846 3010A

Lab References:

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: Tetra Tech EC, Inc.

Job Number: 680-30657-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-30657-1	NGTC-OWS-SLUDGE	Solid	10/02/2007 0950	10/02/2007 0912

Client: Tetra Tech EC, Inc.

Job Number: 680-30657-1

Client Sample ID: **NGTC-OWS-SLUDGE**

Lab Sample ID: 680-30657-1
Client Matrix: Solid

Date Sampled: 10/02/2007 0950
Date Received: 10/02/2007 0912

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 10/04/2007 2302
Date Prepared: 10/04/2007 1021
Date Leached: 10/03/2007 1500

Analysis Batch: 680-87513
Prep Batch: 680-87359
Leachate Batch: 680-87274

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.16	J	0.023	0.20

DATA REPORTING QUALIFIERS

Client: Tetra Tech EC, Inc.

Job Number: 680-30657-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Tetra Tech EC, Inc.

Job Number: 680-30657-1

TCLP SPLPE Leachate Blank - Batch: 680-87359

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: LB 680-87274/9-D
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/04/2007 2200
Date Prepared: 10/04/2007 1021
Date Leached: 10/03/2007 1500

Analysis Batch: 680-87513
Prep Batch: 680-87359
Units: mg/L

Leachate Batch: 680-87274

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Lead	0.20	U	0.023	0.20

Lab Control Spike - Batch: 680-87359

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 680-87359/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/04/2007 2205
Date Prepared: 10/04/2007 1021

Analysis Batch: 680-87513
Prep Batch: 680-87359
Units: mg/L

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	5.00	5.16	103	75 - 125	

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

Serial Number 96680

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
HGTC		GA.
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Kathy Smith		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
William Fleck	7-825-7100	
CLIENT NAME	CLIENT E-MAIL	
TETRATECH ECI		
CLIENT ADDRESS		
302 Research Drive Norcross, GA 30092		
COMPANY CONTRACTING THIS WORK (if applicable)		

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

REQUIRED ANALYSIS: Tetrachloroethene; PRESERVATIVE

PAGE 1 OF 1

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED: Tetrachloroethene	PRESERVATIVE	REMARKS
2007 Oct 2	950	NGTC-OWS-SLUDGE	G		X			X		

TEMP. 20.8

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	10/2/07	1120						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	10-2-07	1120	YES ○ NO ○		680-30657	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-31236-1

Job Description: NGTC

For:
Tetra Tech EC, Inc.
302 Research Drive
Norcross, GA 30092

Attention: Mr. William Fleck

Kathryn Smith

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com
11/01/2007

cc: J. Weldon Evans

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

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

ACCREDITED IN ACCORDANCE WITH nelac

METHOD SUMMARY

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds by GC/MS	TAL SAV	SW846 8260B	
Closed System Purge & Trap/Field Preservation	TAL SAV		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	TAL SAV	SW846 8015B	
Closed System Purge & Trap/Field Preservation	TAL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Ultrasonic Extraction	TAL SAV		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SAV	SW846 8015B	
Ultrasonic Extraction	TAL SAV		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Toxicity Characteristic Leaching Procedure	TAL SAV		SW846 1311
Acid Digestion of Aqueous Samples and Extracts for	TAL SAV		SW846 3010A
Acid Digestion of Sediments, Sludges, and Soils	TAL SAV		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual Cold	TAL SAV		SW846 7471A

Lab References:

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: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-31236-1	EP-1 (4)	Solid	10/18/2007 1300	10/19/2007 1227
680-31236-2	EP-2 (4)	Solid	10/18/2007 1325	10/19/2007 1227
680-31236-3	EP-3 (10)	Solid	10/18/2007 1350	10/19/2007 1227
680-31236-4	EP-4 (4)	Solid	10/18/2007 1420	10/19/2007 1227
680-31236-5	EP-5 (4)	Solid	10/18/2007 1445	10/19/2007 1227
680-31236-6	SP#2-1	Solid	10/17/2007 1500	10/19/2007 1227
680-31236-7	SP#2-2	Solid	10/17/2007 1505	10/19/2007 1227
680-31236-8	SP#2-3	Solid	10/17/2007 1510	10/19/2007 1227
680-31236-9	SP#2-4	Solid	10/17/2007 1515	10/19/2007 1227
680-31236-10	SP#2-5	Solid	10/17/2007 1520	10/19/2007 1227
680-31236-11	SP#2-6	Solid	10/17/2007 1525	10/19/2007 1227
680-31236-12	SP#1-1	Solid	10/17/2007 1415	10/19/2007 1227
680-31236-13	SP#1-2	Solid	10/17/2007 1420	10/19/2007 1227
680-31236-14	SP#1-3	Solid	10/17/2007 1425	10/19/2007 1227
680-31236-15	SP#1-4	Solid	10/17/2007 1430	10/19/2007 1227

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-1 (4)

Lab Sample ID: 680-31236-1 Date Sampled: 10/18/2007 1300
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-89086 Instrument ID: GC/MS Volatiles - L
Preparation: 5035 Prep Batch: 680-88878 Lab File ID: I1394.d
Dilution: 1.0 Initial Weight/Volume: 6.6 g
Date Analyzed: 10/24/2007 1149 Final Weight/Volume: 5 g
Date Prepared: 10/22/2007 1215

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		4.4	U	0.56	4.4
1,1,1-Trichloroethane		4.4	U	0.51	4.4
1,1,2,2-Tetrachloroethane		4.4	U	1.2	4.4
1,1,2-Trichloroethane		4.4	U	1.0	4.4
1,1-Dichloroethane		4.4	U	0.44	4.4
1,1-Dichloroethene		4.4	U	0.47	4.4
1,1-Dichloropropene		4.4	U	0.87	4.4
1,2,3-Trichlorobenzene		4.4	U	0.84	4.4
1,2,3-Trichloropropane		4.4	U	1.2	4.4
1,2,4-Trichlorobenzene		4.4	U	0.87	4.4
1,2,4-Trimethylbenzene		2.0	J	0.46	4.4
1,2-Dibromo-3-Chloropropane		8.7	U	2.4	8.7
1,2-Dichlorobenzene		4.4	U	0.57	4.4
1,2-Dichloroethane		4.4	U	0.87	4.4
1,2-Dichloroethene, Total		8.7	U	1.4	8.7
1,2-Dichloropropane		4.4	U	0.96	4.4
1,3,5-Trimethylbenzene		16		0.76	4.4
1,3-Dichlorobenzene		4.4	U	0.73	4.4
1,3-Dichloropropane		4.4	U	1.1	4.4
1,4-Dichlorobenzene		4.4	U	0.45	4.4
2,2-Dichloropropane		4.4	U	0.52	4.4
2-Chlorotoluene		4.4	U	0.67	4.4
2-Hexanone		22	U	1.8	22
4-Chlorotoluene		4.4	U	0.68	4.4
Acetone		17	J	3.8	44
Benzene		4.4	U	0.69	4.4
Bromobenzene		4.4	U	0.79	4.4
Bromochloromethane		4.4	U	0.62	4.4
Bromoform		4.4	U	0.96	4.4
Bromodichloromethane		4.4	U	0.73	4.4
Bromomethane		4.4	U	1.4	4.4
Carbon disulfide		4.4	U	0.45	4.4
Carbon tetrachloride		4.4	U	0.87	4.4
Chlorobenzene		4.4	U	0.64	4.4
Chloroethane		4.4	U	1.0	4.4
Chloroform		4.4	U	0.44	4.4
Chloromethane		4.4	U	0.62	4.4
cis-1,2-Dichloroethene		4.4	U	0.55	4.4
cis-1,3-Dichloropropene		4.4	U	0.76	4.4
Dibromochloromethane		4.4	U	0.44	4.4
Dibromomethane		4.4	U	1.0	4.4
Dichlorodifluoromethane		4.4	U	0.78	4.4
Ethylbenzene		4.4	U	0.66	4.4
Hexachlorobutadiene		4.4	U	0.79	4.4

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-1 (4)**

Lab Sample ID: 680-31236-1
Client Matrix: Solid
% Moisture: 13.3
Date Sampled: 10/18/2007 1300
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/24/2007 1149
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89086
Prep Batch: 680-88878

Instrument ID: GC/MS Volatiles - L
Lab File ID: l1394.d
Initial Weight/Volume: 6.6 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Isopropylbenzene	0.98	J	0.44	4.4
m-Xylene & p-Xylene	8.7	U	1.4	8.7
Methyl tert-butyl ether	44	U	1.9	44
Methylene Chloride	4.4	U	0.87	4.4
Naphthalene	15		0.96	4.4
4-Methyl-2-pentanone	22	U	2.5	22
2-Butanone	22	U	2.4	22
1,2-Dibromoethane	4.4	U	1.3	4.4
n-Butylbenzene	4.4	U	0.49	4.4
N-Propylbenzene	4.4	U	0.45	4.4
o-Xylene	1.8	J	0.58	4.4
p-Isopropyltoluene	39		0.44	4.4
sec-Butylbenzene	5.6		0.63	4.4
Styrene	4.4	U	0.58	4.4
tert-Butylbenzene	4.4	U	0.63	4.4
Tetrachloroethene	4.4	U	0.64	4.4
Toluene	4.4	U	0.69	4.4
trans-1,2-Dichloroethene	4.4	U	0.85	4.4
trans-1,3-Dichloropropene	4.4	U	0.76	4.4
Trichloroethene	4.4	U	0.87	4.4
Trichlorofluoromethane	4.4	U	1.3	4.4
Vinyl acetate	8.7	U	1.3	8.7
Vinyl chloride	4.4	U	0.51	4.4
Xylenes, Total	8.7	U	2.0	8.7

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	105	65 - 124
Dibromofluoromethane	81	65 - 124
Toluene-d8 (Surr)	75	65 - 132

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-2 (4)

Lab Sample ID: 680-31236-2 Date Sampled: 10/18/2007 1325
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-89086 Instrument ID: GC/MS Volatiles - L
Preparation: 5035 Prep Batch: 680-88878 Lab File ID: I1395.d
Dilution: 1.0 Initial Weight/Volume: 6.3 g
Date Analyzed: 10/24/2007 1210 Final Weight/Volume: 5 g
Date Prepared: 10/22/2007 1215

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		4.6	U	0.59	4.6
1,1,1-Trichloroethane		4.6	U	0.53	4.6
1,1,2,2-Tetrachloroethane		4.6	U	1.3	4.6
1,1,2-Trichloroethane		4.6	U	1.1	4.6
1,1-Dichloroethane		4.6	U	0.46	4.6
1,1-Dichloroethene		4.6	U	0.49	4.6
1,1-Dichloropropene		4.6	U	0.92	4.6
1,2,3-Trichlorobenzene		4.6	U	0.88	4.6
1,2,3-Trichloropropane		4.6	U	1.3	4.6
1,2,4-Trichlorobenzene		4.6	U	0.92	4.6
1,2,4-Trimethylbenzene		6.8		0.49	4.6
1,2-Dibromo-3-Chloropropane		9.2	U	2.6	9.2
1,2-Dichlorobenzene		4.6	U	0.60	4.6
1,2-Dichloroethane		4.6	U	0.92	4.6
1,2-Dichloroethene, Total		9.2	U	1.5	9.2
1,2-Dichloropropane		4.6	U	1.0	4.6
1,3,5-Trimethylbenzene		22		0.80	4.6
1,3-Dichlorobenzene		4.6	U	0.76	4.6
1,3-Dichloropropane		4.6	U	1.2	4.6
1,4-Dichlorobenzene		4.6	U	0.47	4.6
2,2-Dichloropropane		4.6	U	0.55	4.6
2-Chlorotoluene		4.6	U	0.70	4.6
2-Hexanone		23	U	1.9	23
4-Chlorotoluene		4.6	U	0.71	4.6
Acetone		25	J	4.0	46
Benzene		4.6	U	0.72	4.6
Bromobenzene		4.6	U	0.82	4.6
Bromochloromethane		4.6	U	0.65	4.6
Bromoform		4.6	U	1.0	4.6
Bromodichloromethane		4.6	U	0.76	4.6
Bromomethane		4.6	U	1.5	4.6
Carbon disulfide		4.6	U	0.47	4.6
Carbon tetrachloride		4.6	U	0.92	4.6
Chlorobenzene		4.6	U	0.67	4.6
Chloroethane		4.6	U	1.1	4.6
Chloroform		4.6	U	0.46	4.6
Chloromethane		4.6	U	0.65	4.6
cis-1,2-Dichloroethene		4.6	U	0.58	4.6
cis-1,3-Dichloropropene		4.6	U	0.80	4.6
Dibromochloromethane		4.6	U	0.46	4.6
Dibromomethane		4.6	U	1.1	4.6
Dichlorodifluoromethane		4.6	U	0.81	4.6
Ethylbenzene		4.6	U	0.69	4.6
Hexachlorobutadiene		4.6	U	0.83	4.6

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: **EP-2 (4)**

Lab Sample ID: 680-31236-2 Date Sampled: 10/18/2007 1325
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-89086 Instrument ID: GC/MS Volatiles - L
Preparation: 5035 Prep Batch: 680-88878 Lab File ID: I1395.d
Dilution: 1.0 Initial Weight/Volume: 6.3 g
Date Analyzed: 10/24/2007 1210 Final Weight/Volume: 5 g
Date Prepared: 10/22/2007 1215

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Isopropylbenzene	3.7	J	0.46	4.6
m-Xylene & p-Xylene	9.2	U	1.5	9.2
Methyl tert-butyl ether	46	U	2.0	46
Methylene Chloride	4.6	U	0.92	4.6
Naphthalene	69		1.0	4.6
4-Methyl-2-pentanone	23	U	2.7	23
2-Butanone	23	U	2.5	23
1,2-Dibromoethane	4.6	U	1.4	4.6
n-Butylbenzene	4.6	U	0.51	4.6
N-Propylbenzene	8.2		0.47	4.6
o-Xylene	3.1	J	0.60	4.6
p-Isopropyltoluene	57		0.46	4.6
sec-Butylbenzene	16		0.66	4.6
Styrene	4.6	U	0.60	4.6
tert-Butylbenzene	4.6	U	0.66	4.6
Tetrachloroethene	4.6	U	0.67	4.6
Toluene	4.6	U	0.72	4.6
trans-1,2-Dichloroethene	4.6	U	0.89	4.6
trans-1,3-Dichloropropene	4.6	U	0.80	4.6
Trichloroethene	4.6	U	0.92	4.6
Trichlorofluoromethane	4.6	U	1.4	4.6
Vinyl acetate	9.2	U	1.4	9.2
Vinyl chloride	4.6	U	0.53	4.6
Xylenes, Total	3.1	J	2.1	9.2

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	113	65 - 124
Dibromofluoromethane	83	65 - 124
Toluene-d8 (Surr)	76	65 - 132

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-3 (10)

Lab Sample ID: 680-31236-3
Client Matrix: Solid

% Moisture: 13.3

Date Sampled: 10/18/2007 1350
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/24/2007 1252
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89086
Prep Batch: 680-88878

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1397.d
Initial Weight/Volume: 6.2 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.6	U	0.60	4.6
1,1,1-Trichloroethane	4.6	U	0.54	4.6
1,1,2,2-Tetrachloroethane	4.6	U	1.3	4.6
1,1,2-Trichloroethane	4.6	U	1.1	4.6
1,1-Dichloroethane	4.6	U	0.46	4.6
1,1-Dichloroethene	4.6	U	0.50	4.6
1,1-Dichloropropene	4.6	U	0.93	4.6
1,2,3-Trichlorobenzene	4.6	U	0.89	4.6
1,2,3-Trichloropropane	4.6	U	1.3	4.6
1,2,4-Trichlorobenzene	4.6	U	0.93	4.6
1,2,4-Trimethylbenzene	42		0.49	4.6
1,2-Dibromo-3-Chloropropane	9.3	U	2.6	9.3
1,2-Dichlorobenzene	4.6	U	0.60	4.6
1,2-Dichloroethane	4.6	U	0.93	4.6
1,2-Dichloroethene, Total	9.3	U	1.5	9.3
1,2-Dichloropropane	4.6	U	1.0	4.6
1,3,5-Trimethylbenzene	150		0.81	4.6
1,3-Dichlorobenzene	4.6	U	0.77	4.6
1,3-Dichloropropane	4.6	U	1.2	4.6
1,4-Dichlorobenzene	4.6	U	0.47	4.6
2,2-Dichloropropane	4.6	U	0.56	4.6
2-Chlorotoluene	4.6	U	0.72	4.6
2-Hexanone	23	U	2.0	23
4-Chlorotoluene	4.6	U	0.73	4.6
Acetone	42	J	4.1	46
Benzene	4.6	U	0.73	4.6
Bromobenzene	4.6	U	0.84	4.6
Bromochloromethane	4.6	U	0.66	4.6
Bromoform	4.6	U	1.0	4.6
Bromodichloromethane	4.6	U	0.77	4.6
Bromomethane	4.6	U	1.5	4.6
Carbon disulfide	4.6	U	0.47	4.6
Carbon tetrachloride	4.6	U	0.93	4.6
Chlorobenzene	4.6	U	0.68	4.6
Chloroethane	4.6	U	1.1	4.6
Chloroform	4.6	U	0.46	4.6
Chloromethane	4.6	U	0.66	4.6
cis-1,2-Dichloroethene	4.6	U	0.59	4.6
cis-1,3-Dichloropropene	4.6	U	0.81	4.6
Dibromochloromethane	4.6	U	0.46	4.6
Dibromomethane	4.6	U	1.1	4.6
Dichlorodifluoromethane	4.6	U	0.83	4.6
Ethylbenzene	4.6	U	0.70	4.6
Hexachlorobutadiene	4.6	U	0.85	4.6

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: **EP-3 (10)**

Lab Sample ID: 680-31236-3 Date Sampled: 10/18/2007 1350
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-89086 Instrument ID: GC/MS Volatiles - L
Preparation: 5035 Prep Batch: 680-88878 Lab File ID: I1397.d
Dilution: 1.0 Initial Weight/Volume: 6.2 g
Date Analyzed: 10/24/2007 1252 Final Weight/Volume: 5 g
Date Prepared: 10/22/2007 1215

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Isopropylbenzene	4.6	U	0.46	4.6
m-Xylene & p-Xylene	9.3	U	1.5	9.3
Methyl tert-butyl ether	46	U	2.0	46
Methylene Chloride	4.6	U	0.93	4.6
Naphthalene	25		1.0	4.6
4-Methyl-2-pentanone	23	U	2.7	23
2-Butanone	23	U	2.5	23
1,2-Dibromoethane	4.6	U	1.4	4.6
n-Butylbenzene	4.6	U	0.52	4.6
N-Propylbenzene	19		0.47	4.6
o-Xylene	23		0.61	4.6
p-Isopropyltoluene	690	E	0.46	4.6
sec-Butylbenzene	83		0.67	4.6
Styrene	4.6	U	0.61	4.6
tert-Butylbenzene	4.6	U	0.67	4.6
Tetrachloroethene	4.6	U	0.68	4.6
Toluene	4.6	U	0.73	4.6
trans-1,2-Dichloroethene	4.6	U	0.90	4.6
trans-1,3-Dichloropropene	4.6	U	0.81	4.6
Trichloroethene	4.6	U	0.93	4.6
Trichlorofluoromethane	4.6	U	1.4	4.6
Vinyl acetate	9.3	U	1.4	9.3
Vinyl chloride	4.6	U	0.54	4.6
Xylenes, Total	23		2.1	9.3

Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	219	X	65 - 124
Dibromofluoromethane	81		65 - 124
Toluene-d8 (Surr)	69		65 - 132

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-3 (10)**

Lab Sample ID: 680-31236-3
Client Matrix: Solid
% Moisture: 13.3
Date Sampled: 10/18/2007 1350
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 40
Date Analyzed: 10/30/2007 1338
Date Prepared: 10/22/2007 1215
Analysis Batch: 680-89704
Prep Batch: 680-88878
Run Type: DL
Instrument ID: GC/MS Volatiles - L
Lab File ID: l1499.d
Initial Weight/Volume: 6.4 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		180	U	23	180
1,1,1-Trichloroethane		180	U	21	180
1,1,2,2-Tetrachloroethane		180	U	50	180
1,1,2-Trichloroethane		180	U	43	180
1,1-Dichloroethane		180	U	18	180
1,1-Dichloroethene		180	U	19	180
1,1-Dichloropropene		180	U	36	180
1,2,3-Trichlorobenzene		180	U	35	180
1,2,3-Trichloropropane		180	U	50	180
1,2,4-Trichlorobenzene		180	U	36	180
1,2,4-Trimethylbenzene		52	J D	19	180
1,2-Dibromo-3-Chloropropane		360	U	100	360
1,2-Dichlorobenzene		180	U	23	180
1,2-Dichloroethane		180	U	36	180
1,2-Dichloroethene, Total		360	U	58	360
1,2-Dichloropropane		180	U	40	180
1,3,5-Trimethylbenzene		380	D	31	180
1,3-Dichlorobenzene		180	U	30	180
1,3-Dichloropropane		180	U	47	180
1,4-Dichlorobenzene		180	U	18	180
2,2-Dichloropropane		180	U	22	180
2-Chlorotoluene		180	U	28	180
2-Hexanone		900	U	76	900
4-Chlorotoluene		180	U	28	180
Acetone		280	J D B	160	1800
Benzene		180	U	28	180
Bromobenzene		180	U	32	180
Bromochloromethane		180	U	26	180
Bromoform		180	U	40	180
Bromodichloromethane		180	U	30	180
Bromomethane		180	U	58	180
Carbon disulfide		180	U	18	180
Carbon tetrachloride		180	U	36	180
Chlorobenzene		180	U	26	180
Chloroethane		180	U	43	180
Chloroform		180	U	18	180
Chloromethane		180	U	26	180
cis-1,2-Dichloroethene		180	U	23	180
is-1,3-Dichloropropene		180	U	31	180
Dibromochloromethane		180	U	18	180
Dibromomethane		180	U	43	180
Dichlorodifluoromethane		180	U	32	180
Ethylbenzene		180	U	27	180
Hexachlorobutadiene		180	U	33	180

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-3 (10)

Lab Sample ID: 680-31236-3 Date Sampled: 10/18/2007 1350
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-89704 Instrument ID: GC/MS Volatiles - L
Preparation: 5035 Prep Batch: 680-88878 Lab File ID: I1499.d
Dilution: 40 Initial Weight/Volume: 6.4 g
Date Analyzed: 10/30/2007 1338 Run Type: DL Final Weight/Volume: 5 g
Date Prepared: 10/22/2007 1215

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Isopropylbenzene	27	J D	18	180
m-Xylene & p-Xylene	360	U	58	360
Methyl tert-butyl ether	1800	U	79	1800
Methylene Chloride	180	U	36	180
Naphthalene	220	D	40	180
4-Methyl-2-pentanone	900	U	100	900
2-Butanone	900	U	97	900
1,2-Dibromoethane	180	U	54	180
n-Butylbenzene	330	D	20	180
N-Propylbenzene	180	U	18	180
o-Xylene	40	J D	24	180
p-Isopropyltoluene	1600	D	18	180
sec-Butylbenzene	200	D	26	180
Styrene	180	U	24	180
tert-Butylbenzene	180	U	26	180
Tetrachloroethene	180	U	26	180
Toluene	180	U	28	180
trans-1,2-Dichloroethene	180	U	35	180
trans-1,3-Dichloropropene	180	U	31	180
Trichloroethene	180	U	36	180
Trichlorofluoromethane	180	U	54	180
Vinyl acetate	360	U	54	360
Vinyl chloride	180	U	21	180
Xylenes, Total	360	U	83	360

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	114	65 - 124
Dibromofluoromethane	124	65 - 124
Toluene-d8 (Surr)	119	65 - 132

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-4 (4)**

Lab Sample ID: 680-31236-4
Client Matrix: Solid
% Moisture: 13.1

Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/24/2007 1313
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89086
Prep Batch: 680-88878

Instrument ID: GC/MS Volatiles - L
Lab File ID: l1398.d
Initial Weight/Volume: 6.5 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		4.4	U	0.57	4.4
1,1,1-Trichloroethane		4.4	U	0.51	4.4
1,1,2,2-Tetrachloroethane		4.4	U	1.2	4.4
1,1,2-Trichloroethane		4.4	U	1.1	4.4
1,1-Dichloroethane		4.4	U	0.44	4.4
1,1-Dichloroethene		4.4	U	0.48	4.4
1,1-Dichloropropene		4.4	U	0.88	4.4
1,2,3-Trichlorobenzene		4.4	U	0.85	4.4
1,2,3-Trichloropropane		4.4	U	1.2	4.4
1,2,4-Trichlorobenzene		4.4	U	0.88	4.4
1,2,4-Trimethylbenzene		14		0.47	4.4
1,2-Dibromo-3-Chloropropane		8.8	U	2.5	8.8
1,2-Dichlorobenzene		4.4	U	0.58	4.4
1,2-Dichloroethane		4.4	U	0.88	4.4
1,2-Dichloroethene, Total		8.8	U	1.4	8.8
1,2-Dichloropropane		4.4	U	0.97	4.4
1,3,5-Trimethylbenzene		45		0.77	4.4
1,3-Dichlorobenzene		4.4	U	0.73	4.4
1,3-Dichloropropane		4.4	U	1.2	4.4
1,4-Dichlorobenzene		4.4	U	0.45	4.4
2,2-Dichloropropane		4.4	U	0.53	4.4
2-Chlorotoluene		4.4	U	0.68	4.4
2-Hexanone		22	U	1.9	22
4-Chlorotoluene		4.4	U	0.69	4.4
Acetone		36	J	3.9	44
Benzene		4.4	U	0.70	4.4
Bromobenzene		4.4	U	0.80	4.4
Bromochloromethane		4.4	U	0.63	4.4
Bromoform		4.4	U	0.97	4.4
Bromodichloromethane		4.4	U	0.73	4.4
Bromomethane		4.4	U	1.4	4.4
Carbon disulfide		4.4	U	0.45	4.4
Carbon tetrachloride		4.4	U	0.88	4.4
Chlorobenzene		4.4	U	0.65	4.4
Chloroethane		4.4	U	1.1	4.4
Chloroform		4.4	U	0.44	4.4
Chloromethane		4.4	U	0.63	4.4
cis-1,2-Dichloroethene		4.4	U	0.56	4.4
cis-1,3-Dichloropropene		4.4	U	0.77	4.4
Dibromochloromethane		4.4	U	0.44	4.4
Dibromomethane		4.4	U	1.1	4.4
Dichlorodifluoromethane		4.4	U	0.79	4.4
Ethylbenzene		4.4	U	0.66	4.4
Hexachlorobutadiene		4.4	U	0.81	4.4

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-4 (4)

Lab Sample ID: 680-31236-4
Client Matrix: Solid
% Moisture: 13.1
Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/24/2007 1313
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89086
Prep Batch: 680-88878

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1398.d
Initial Weight/Volume: 6.5 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Isopropylbenzene		3.3	J	0.44	4.4
m-Xylene & p-Xylene		8.8	U	1.4	8.8
Methyl tert-butyl ether		44	U	1.9	44
Methylene Chloride		4.4	U	0.88	4.4
Naphthalene		23		0.97	4.4
4-Methyl-2-pentanone		22	U	2.6	22
2-Butanone		6.3	J	2.4	22
1,2-Dibromoethane		4.4	U	1.3	4.4
n-Butylbenzene		4.4	U	0.50	4.4
N-Propylbenzene		4.4	U	0.45	4.4
o-Xylene		5.6		0.58	4.4
p-Isopropyltoluene		200	E	0.44	4.4
sec-Butylbenzene		25		0.64	4.4
Styrene		4.4	U	0.58	4.4
tert-Butylbenzene		4.4	U	0.64	4.4
Tetrachloroethene		4.4	U	0.65	4.4
Toluene		1.5	J	0.70	4.4
trans-1,2-Dichloroethene		4.4	U	0.86	4.4
trans-1,3-Dichloropropene		4.4	U	0.77	4.4
Trichloroethene		4.4	U	0.88	4.4
Trichlorofluoromethane		4.4	U	1.3	4.4
Vinyl acetate		8.8	U	1.3	8.8
Vinyl chloride		4.4	U	0.51	4.4
Xylenes, Total		5.6	J	2.0	8.8

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	124	65 - 124
Dibromofluoromethane	82	65 - 124
Toluene-d8 (Surr)	74	65 - 132

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-4 (4)

Lab Sample ID: 680-31236-4
Client Matrix: Solid
% Moisture: 13.1
Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 40
Date Analyzed: 10/25/2007 1542
Date Prepared: 10/22/2007 1215
Analysis Batch: 680-89238
Prep Batch: 680-88878
Run Type: DL
Instrument ID: GC/MS Volatiles - L
Lab File ID: l1421.d
Initial Weight/Volume: 6.2 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		190	U	24	190
1,1,1-Trichloroethane		190	U	22	190
1,1,2,2-Tetrachloroethane		190	U	52	190
1,1,2-Trichloroethane		190	U	45	190
1,1-Dichloroethane		190	U	19	190
1,1-Dichloroethene		190	U	20	190
1,1-Dichloropropene		190	U	37	190
1,2,3-Trichlorobenzene		190	U	36	190
1,2,3-Trichloropropane		190	U	52	190
1,2,4-Trichlorobenzene		190	U	37	190
1,2,4-Trimethylbenzene		69	J D	20	190
1,2-Dibromo-3-Chloropropane		370	U	100	370
1,2-Dichlorobenzene		190	U	24	190
1,2-Dichloroethane		190	U	37	190
1,2-Dichloroethene, Total		370	U	59	370
1,2-Dichloropropane		190	U	41	190
1,3,5-Trimethylbenzene		180	J D	32	190
1,3-Dichlorobenzene		190	U	31	190
1,3-Dichloropropane		190	U	48	190
1,4-Dichlorobenzene		190	U	19	190
2,2-Dichloropropane		190	U	22	190
2-Chlorotoluene		190	U	29	190
2-Hexanone		930	U	78	930
4-Chlorotoluene		190	U	29	190
Acetone		380	J D B	160	1900
Benzene		190	U	29	190
Bromobenzene		190	U	33	190
Bromochloromethane		190	U	26	190
Bromoform		190	U	41	190
Bromodichloromethane		190	U	31	190
Bromomethane		190	U	59	190
Carbon disulfide		190	U	19	190
Carbon tetrachloride		190	U	37	190
Chlorobenzene		190	U	27	190
Chloroethane		190	U	45	190
Chloroform		190	U	19	190
Chloromethane		190	U	26	190
is-1,2-Dichloroethene		190	U	23	190
s-1,3-Dichloropropene		190	U	32	190
Dibromochloromethane		190	U	19	190
Dibromomethane		190	U	45	190
Dichlorodifluoromethane		190	U	33	190
Ethylbenzene		190	U	28	190
Hexachlorobutadiene		190	U	34	190

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-4 (4)

Lab Sample ID: 680-31236-4
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 40
Date Analyzed: 10/25/2007 1542
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89238
Prep Batch: 680-88878

Run Type: DL

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1421.d
Initial Weight/Volume: 6.2 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Isopropylbenzene	190	U	19	190
m-Xylene & p-Xylene	370	U	59	370
Methyl tert-butyl ether	1900	U	82	1900
Methylene Chloride	190	U	37	190
Naphthalene	170	J D	41	190
4-Methyl-2-pentanone	930	U	110	930
2-Butanone	930	U	100	930
1,2-Dibromoethane	190	U	56	190
n-Butylbenzene	190	D	21	190
N-Propylbenzene	190	U	19	190
o-Xylene	190	U	24	190
p-Isopropyltoluene	830	D	19	190
sec-Butylbenzene	94	J D	27	190
Styrene	190	U	24	190
tert-Butylbenzene	190	U	27	190
Tetrachloroethene	190	U	27	190
Toluene	190	U	29	190
trans-1,2-Dichloroethene	190	U	36	190
trans-1,3-Dichloropropene	190	U	32	190
Trichloroethene	190	U	37	190
Trichlorofluoromethane	190	U	56	190
Vinyl acetate	370	U	56	370
Vinyl chloride	190	U	22	190
Xylenes, Total	370	U	85	370

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	106	65 - 124
Dibromofluoromethane	110	65 - 124
Toluene-d8 (Surr)	111	65 - 132

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-5 (4)

Lab Sample ID: 680-31236-5
Client Matrix: Solid

% Moisture: 11.9

Date Sampled: 10/18/2007 1445
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/24/2007 1334
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89086
Prep Batch: 680-88878

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1399.d
Initial Weight/Volume: 7.0 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.1	U	0.52	4.1
1,1,1-Trichloroethane	4.1	U	0.47	4.1
1,1,2,2-Tetrachloroethane	4.1	U	1.1	4.1
1,1,2-Trichloroethane	4.1	U	0.97	4.1
1,1-Dichloroethane	4.1	U	0.41	4.1
1,1-Dichloroethene	4.1	U	0.44	4.1
1,1-Dichloropropene	4.1	U	0.81	4.1
1,2,3-Trichlorobenzene	4.1	U	0.78	4.1
1,2,3-Trichloropropane	4.1	U	1.1	4.1
1,2,4-Trichlorobenzene	4.1	U	0.81	4.1
1,2,4-Trimethylbenzene	4.1	U	0.43	4.1
1,2-Dibromo-3-Chloropropane	8.1	U	2.3	8.1
1,2-Dichlorobenzene	4.1	U	0.53	4.1
1,2-Dichloroethane	4.1	U	0.81	4.1
1,2-Dichloroethene, Total	8.1	U	1.3	8.1
1,2-Dichloropropane	4.1	U	0.89	4.1
1,3,5-Trimethylbenzene	14		0.71	4.1
1,3-Dichlorobenzene	4.1	U	0.67	4.1
1,3-Dichloropropane	4.1	U	1.1	4.1
1,4-Dichlorobenzene	4.1	U	0.41	4.1
2,2-Dichloropropane	4.1	U	0.49	4.1
2-Chlorotoluene	4.1	U	0.62	4.1
2-Hexanone	20	U	1.7	20
4-Chlorotoluene	4.1	U	0.63	4.1
Acetone	32	J	3.6	41
Benzene	4.1	U	0.64	4.1
Bromobenzene	4.1	U	0.73	4.1
Bromochloromethane	4.1	U	0.58	4.1
Bromoform	4.1	U	0.89	4.1
Bromodichloromethane	4.1	U	0.67	4.1
Bromomethane	4.1	U	1.3	4.1
Carbon disulfide	4.1	U	0.41	4.1
Carbon tetrachloride	4.1	U	0.81	4.1
Chlorobenzene	4.1	U	0.59	4.1
Chloroethane	4.1	U	0.97	4.1
Chloroform	4.1	U	0.41	4.1
Chloromethane	4.1	U	0.58	4.1
cis-1,2-Dichloroethene	4.1	U	0.51	4.1
cis-1,3-Dichloropropene	4.1	U	0.71	4.1
Dibromochloromethane	4.1	U	0.41	4.1
Dibromomethane	4.1	U	0.97	4.1
Dichlorodifluoromethane	4.1	U	0.72	4.1
Ethylbenzene	4.1	U	0.61	4.1
Hexachlorobutadiene	4.1	U	0.74	4.1

Analytical Data

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-5 (4)

Lab Sample ID: 680-31236-5
Client Matrix: Solid

% Moisture: 11.9

Date Sampled: 10/18/2007 1445
Date Received: 10/19/2007 1227

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/24/2007 1334
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89086
Prep Batch: 680-88878

Instrument ID: GC/MS Volatiles - L
Lab File ID: l1399.d
Initial Weight/Volume: 7.0 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Isopropylbenzene	4.1	U	0.41	4.1
m-Xylene & p-Xylene	8.1	U	1.3	8.1
Methyl tert-butyl ether	41	U	1.8	41
Methylene Chloride	4.1	U	0.81	4.1
Naphthalene	4.1	U	0.89	4.1
4-Methyl-2-pentanone	20	U	2.4	20
2-Butanone	4.5	J	2.2	20
1,2-Dibromoethane	4.1	U	1.2	4.1
n-Butylbenzene	14		0.45	4.1
N-Propylbenzene	4.1	U	0.41	4.1
o-Xylene	4.1	U	0.54	4.1
p-Isopropyltoluene	54		0.41	4.1
sec-Butylbenzene	7.2		0.58	4.1
Styrene	4.1	U	0.54	4.1
tert-Butylbenzene	4.1	U	0.58	4.1
Tetrachloroethene	4.1	U	0.59	4.1
Toluene	1.1	J	0.64	4.1
trans-1,2-Dichloroethene	4.1	U	0.79	4.1
trans-1,3-Dichloropropene	4.1	U	0.71	4.1
Trichloroethene	4.1	U	0.81	4.1
Trichlorofluoromethane	4.1	U	1.2	4.1
Vinyl acetate	8.1	U	1.2	8.1
Vinyl chloride	4.1	U	0.47	4.1
Xylenes, Total	8.1	U	1.9	8.1

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	100	65 - 124
Dibromofluoromethane	83	65 - 124
Toluene-d8 (Surr)	74	65 - 132

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-1 (4)**

Lab Sample ID: 680-31236-1
Client Matrix: Solid
% Moisture: 13.3
Date Sampled: 10/18/2007 1300
Date Received: 10/19/2007 1227

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

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/24/2007 1635
Date Prepared: 10/23/2007 1733
Analysis Batch: 680-89081
Prep Batch: 680-88975
Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3856.d
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	20	380
Bis(2-chloroethyl)ether		380	U	20	380
2-Chlorophenol		380	U	20	380
1,3-Dichlorobenzene		380	U	38	380
1,4-Dichlorobenzene		380	U	20	380
1,2-Dichlorobenzene		380	U	20	380
2-Methylphenol		380	U	24	380
N-Nitrosodi-n-propylamine		380	U	20	380
Hexachloroethane		380	U	20	380
Nitrobenzene		380	U	20	380
Isophorone		380	U	20	380
2-Nitrophenol		380	U	26	380
2,4-Dimethylphenol		380	U	20	380
Bis(2-chloroethoxy)methane		380	U	20	380
2,4-Dichlorophenol		380	U	200	380
1,2,4-Trichlorobenzene		380	U	20	380
Naphthalene		380	U	20	380
4-Chloroaniline		760	U	20	760
Hexachlorobutadiene		380	U	24	380
4-Chloro-3-methylphenol		380	U	77	380
2-Methylnaphthalene		100	J	20	380
Hexachlorocyclopentadiene		380	U	200	380
2,4,6-Trichlorophenol		380	U	77	380
2,4,5-Trichlorophenol		380	U	77	380
2-Chloronaphthalene		380	U	20	380
2-Nitroaniline		2000	U	200	2000
Dimethyl phthalate		380	U	77	380
Acenaphthylene		380	U	20	380
3-Nitroaniline		2000	U	38	2000
Acenaphthene		80	J	20	380
2,4-Dinitrophenol		2000	U	180	2000
4-Nitrophenol		2000	U	200	2000
Dibenzofuran		39	J	20	380
2,4-Dinitrotoluene		380	U	24	380
2,6-Dinitrotoluene		380	U	23	380
3 & 4 Methylphenol		380	U	24	380
Diethyl phthalate		380	U	21	380
1-Chlorophenyl phenyl ether		380	U	26	380
luorene		120	J	23	380
4-Nitroaniline		2000	U	200	2000
4,6-Dinitro-2-methylphenol		2000	U	380	2000
N-Nitrosodiphenylamine		380	U	38	380
4-Bromophenyl phenyl ether		380	U	20	380
Hexachlorobenzene		380	U	23	380

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-1 (4)**

Lab Sample ID: 680-31236-1
Client Matrix: Solid
% Moisture: 13.3
Date Sampled: 10/18/2007 1300
Date Received: 10/19/2007 1227

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

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/24/2007 1635
Date Prepared: 10/23/2007 1733
Analysis Batch: 680-89081
Prep Batch: 680-88975
Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3856.d
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		2000	U	200	2000
Phenanthrene		330	J	20	380
Anthracene		380	U	20	380
Di-n-butyl phthalate		87	J B	20	380
Fluoranthene		380	U	20	380
Pyrene		120	J	20	380
Butyl benzyl phthalate		380	U	20	380
3,3'-Dichlorobenzidine		760	U	20	760
Benzo[a]anthracene		380	U	38	380
Bis(2-ethylhexyl) phthalate		420		37	380
Chrysene		380	U	20	380
Di-n-octyl phthalate		380	U	22	380
Benzo[b]fluoranthene		380	U	20	380
Benzo[k]fluoranthene		380	U	20	380
Benzo[a]pyrene		380	U	20	380
Indeno[1,2,3-cd]pyrene		380	U	33	380
Dibenz(a,h)anthracene		380	U	28	380
Benzo[g,h,i]perylene		380	U	28	380
Carbazole		380	U	20	380
bis(chloroisopropyl) ether		380	U	20	380

Surrogate	%Rec	Acceptance Limits
Phenol-d5	49	43 - 110
2-Fluorophenol	46	41 - 110
2,4,6-Tribromophenol	64	36 - 128
Nitrobenzene-d5	40	36 - 110
2-Fluorobiphenyl	52	44 - 110
Terphenyl-d14	72	10 - 112

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: **EP-2 (4)**

Lab Sample ID: 680-31236-2 Date Sampled: 10/18/2007 1325
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

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

Method: 8270C Analysis Batch: 680-89081 Instrument ID: GC/MS SemiVolatiles - T
Preparation: 3550B Prep Batch: 680-88975 Lab File ID: t3857.d
Dilution: 1.0 Initial Weight/Volume: 30.02 g
Date Analyzed: 10/24/2007 1657 Final Weight/Volume: 1 mL
Date Prepared: 10/23/2007 1733 Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	20	380
Bis(2-chloroethyl)ether		380	U	20	380
2-Chlorophenol		380	U	20	380
1,3-Dichlorobenzene		380	U	38	380
1,4-Dichlorobenzene		380	U	20	380
1,2-Dichlorobenzene		380	U	20	380
2-Methylphenol		380	U	24	380
N-Nitrosodi-n-propylamine		380	U	20	380
Hexachloroethane		380	U	20	380
Nitrobenzene		380	U	20	380
Isophorone		380	U	20	380
2-Nitrophenol		380	U	27	380
2,4-Dimethylphenol		380	U	20	380
Bis(2-chloroethoxy)methane		380	U	20	380
2,4-Dichlorophenol		380	U	200	380
1,2,4-Trichlorobenzene		380	U	20	380
Naphthalene		380	U	20	380
4-Chloroaniline		760	U	20	760
Hexachlorobutadiene		380	U	24	380
4-Chloro-3-methylphenol		380	U	77	380
2-Methylnaphthalene		89	J	20	380
Hexachlorocyclopentadiene		380	U	200	380
2,4,6-Trichlorophenol		380	U	77	380
2,4,5-Trichlorophenol		380	U	77	380
2-Chloronaphthalene		380	U	20	380
2-Nitroaniline		2000	U	200	2000
Dimethyl phthalate		380	U	77	380
Acenaphthylene		380	U	20	380
3-Nitroaniline		2000	U	38	2000
Acenaphthene		380	U	20	380
2,4-Dinitrophenol		2000	U	180	2000
4-Nitrophenol		2000	U	200	2000
Dibenzofuran		380	U	20	380
2,4-Dinitrotoluene		380	U	24	380
2,6-Dinitrotoluene		380	U	23	380
3 & 4 Methylphenol		380	U	24	380
Diethyl phthalate		380	U	21	380
4-Chlorophenyl phenyl ether		380	U	27	380
luorene		150	J	23	380
4-Nitroaniline		2000	U	200	2000
4,6-Dinitro-2-methylphenol		2000	U	380	2000
N-Nitrosodiphenylamine		380	U	38	380
4-Bromophenyl phenyl ether		380	U	20	380
Hexachlorobenzene		380	U	23	380

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-2 (4)**

Lab Sample ID: 680-31236-2
Client Matrix: Solid
% Moisture: 13.3

Date Sampled: 10/18/2007 1325
Date Received: 10/19/2007 1227

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

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/24/2007 1657
Date Prepared: 10/23/2007 1733

Analysis Batch: 680-89081
Prep Batch: 680-88975

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3857.d
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		2000	U	200	2000
Phenanthrene		350	J	20	380
Anthracene		380	U	20	380
Di-n-butyl phthalate		380	U	20	380
Fluoranthene		380	U	20	380
Pyrene		160	J	20	380
Butyl benzyl phthalate		380	U	20	380
3,3'-Dichlorobenzidine		760	U	20	760
Benzo[a]anthracene		380	U	38	380
Bis(2-ethylhexyl) phthalate		500		37	380
Chrysene		380	U	20	380
Di-n-octyl phthalate		380	U	22	380
Benzo[b]fluoranthene		380	U	20	380
Benzo[k]fluoranthene		380	U	20	380
Benzo[a]pyrene		380	U	20	380
Indeno[1,2,3-cd]pyrene		380	U	33	380
Dibenz(a,h)anthracene		380	U	28	380
Benzo[g,h,i]perylene		380	U	28	380
Carbazole		380	U	20	380
bis(chloroisopropyl) ether		380	U	20	380

Surrogate	%Rec	Acceptance Limits
Phenol-d5	60	43 - 110
2-Fluorophenol	56	41 - 110
2,4,6-Tribromophenol	71	36 - 128
Nitrobenzene-d5	51	36 - 110
2-Fluorobiphenyl	65	44 - 110
Terphenyl-d14	79	10 - 112

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: **EP-3 (10)**

Lab Sample ID: 680-31236-3 Date Sampled: 10/18/2007 1350
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

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

Method: 8270C Analysis Batch: 680-89081 Instrument ID: GC/MS SemiVolatiles - T
Preparation: 3550B Prep Batch: 680-88975 Lab File ID: t3858.d
Dilution: 1.0 Initial Weight/Volume: 30.01 g
Date Analyzed: 10/24/2007 1719 Final Weight/Volume: 1 mL
Date Prepared: 10/23/2007 1733 Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	20	380
Bis(2-chloroethyl)ether		380	U	20	380
2-Chlorophenol		380	U	20	380
1,3-Dichlorobenzene		380	U	38	380
1,4-Dichlorobenzene		380	U	20	380
1,2-Dichlorobenzene		380	U	20	380
2-Methylphenol		380	U	24	380
N-Nitrosodi-n-propylamine		380	U	20	380
Hexachloroethane		380	U	20	380
Nitrobenzene		380	U	20	380
Isophorone		380	U	20	380
2-Nitrophenol		380	U	27	380
2,4-Dimethylphenol		380	U	20	380
Bis(2-chloroethoxy)methane		380	U	20	380
2,4-Dichlorophenol		380	U	200	380
1,2,4-Trichlorobenzene		380	U	20	380
Naphthalene		380	U	20	380
4-Chloroaniline		760	U	20	760
Hexachlorobutadiene		380	U	24	380
4-Chloro-3-methylphenol		380	U	77	380
2-Methylnaphthalene		340	J	20	380
Hexachlorocyclopentadiene		380	U	200	380
2,4,6-Trichlorophenol		380	U	77	380
2,4,5-Trichlorophenol		380	U	77	380
2-Chloronaphthalene		380	U	20	380
2-Nitroaniline		2000	U	200	2000
Dimethyl phthalate		380	U	77	380
Acenaphthylene		380	U	20	380
3-Nitroaniline		2000	U	38	2000
Acenaphthene		380	U	20	380
2,4-Dinitrophenol		2000	U	180	2000
4-Nitrophenol		2000	U	200	2000
Dibenzofuran		380	U	20	380
2,4-Dinitrotoluene		380	U	24	380
2,6-Dinitrotoluene		380	U	23	380
3 & 4 Methylphenol		380	U	24	380
Diethyl phthalate		380	U	21	380
4-Chlorophenyl phenyl ether		380	U	27	380
luorene		380	U	23	380
4-Nitroaniline		2000	U	200	2000
4,6-Dinitro-2-methylphenol		2000	U	380	2000
N-Nitrosodiphenylamine		380	U	38	380
4-Bromophenyl phenyl ether		380	U	20	380
Hexachlorobenzene		380	U	23	380

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-3 (10)

Lab Sample ID: 680-31236-3 Date Sampled: 10/18/2007 1350
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

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

Method: 8270C Analysis Batch: 680-89081 Instrument ID: GC/MS SemiVolatiles - T
Preparation: 3550B Prep Batch: 680-88975 Lab File ID: t3858.d
Dilution: 1.0 Initial Weight/Volume: 30.01 g
Date Analyzed: 10/24/2007 1719 Final Weight/Volume: 1 mL
Date Prepared: 10/23/2007 1733 Injection Volume: 1 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol	2000	U	200	2000
Phenanthrene	400		20	380
Anthracene	380	U	20	380
Di-n-butyl phthalate	380	U	20	380
Fluoranthene	380	U	20	380
Pyrene	390		20	380
Butyl benzyl phthalate	380	U	20	380
3,3'-Dichlorobenzidine	760	U	20	760
Benzo[a]anthracene	380	U	38	380
Bis(2-ethylhexyl) phthalate	1800		37	380
Chrysene	380	U	20	380
Di-n-octyl phthalate	380	U	22	380
Benzo[b]fluoranthene	380	U	20	380
Benzo[k]fluoranthene	380	U	20	380
Benzo[a]pyrene	380	U	20	380
Indeno[1,2,3-cd]pyrene	380	U	33	380
Dibenz(a,h)anthracene	380	U	28	380
Benzo[g,h,i]perylene	380	U	28	380
Carbazole	380	U	20	380
bis(chloroisopropyl) ether	380	U	20	380

Surrogate	%Rec	Acceptance Limits
Phenol-d5	57	43 - 110
2-Fluorophenol	53	41 - 110
2,4,6-Tribromophenol	78	36 - 128
Nitrobenzene-d5	55	36 - 110
2-Fluorobiphenyl	66	44 - 110
Terphenyl-d14	74	10 - 112

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-4 (4)

Lab Sample ID: 680-31236-4
Client Matrix: Solid
% Moisture: 13.1
Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

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

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/24/2007 1741
Date Prepared: 10/23/2007 1733
Analysis Batch: 680-89081
Prep Batch: 680-88975
Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3859.d
Initial Weight/Volume: 30.37 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	19	370
Bis(2-chloroethyl)ether		370	U	19	370
2-Chlorophenol		370	U	19	370
1,3-Dichlorobenzene		370	U	37	370
1,4-Dichlorobenzene		370	U	19	370
1,2-Dichlorobenzene		370	U	19	370
2-Methylphenol		370	U	24	370
N-Nitrosodi-n-propylamine		370	U	19	370
Hexachloroethane		370	U	19	370
Nitrobenzene		370	U	19	370
Isophorone		370	U	19	370
2-Nitrophenol		370	U	26	370
2,4-Dimethylphenol		370	U	19	370
Bis(2-chloroethoxy)methane		370	U	19	370
2,4-Dichlorophenol		370	U	190	370
1,2,4-Trichlorobenzene		370	U	19	370
Naphthalene		370	U	19	370
4-Chloroaniline		750	U	19	750
Hexachlorobutadiene		370	U	24	370
4-Chloro-3-methylphenol		370	U	76	370
2-Methylnaphthalene		59	J	19	370
Hexachlorocyclopentadiene		370	U	190	370
2,4,6-Trichlorophenol		370	U	76	370
2,4,5-Trichlorophenol		370	U	76	370
2-Chloronaphthalene		370	U	19	370
2-Nitroaniline		1900	U	190	1900
Dimethyl phthalate		370	U	76	370
Acenaphthylene		370	U	19	370
3-Nitroaniline		1900	U	37	1900
Acenaphthene		370	U	19	370
2,4-Dinitrophenol		1900	U	180	1900
4-Nitrophenol		1900	U	190	1900
Dibenzofuran		370	U	19	370
2,4-Dinitrotoluene		370	U	24	370
2,6-Dinitrotoluene		370	U	23	370
3 & 4 Methylphenol		370	U	24	370
Diethyl phthalate		370	U	20	370
4-Chlorophenyl phenyl ether		370	U	26	370
luorene		370	U	23	370
4-Nitroaniline		1900	U	190	1900
4,6-Dinitro-2-methylphenol		1900	U	370	1900
N-Nitrosodiphenylamine		370	U	37	370
4-Bromophenyl phenyl ether		370	U	19	370
Hexachlorobenzene		370	U	23	370

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-4 (4)**

Lab Sample ID: 680-31236-4
Client Matrix: Solid
% Moisture: 13.1
Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

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

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/24/2007 1741
Date Prepared: 10/23/2007 1733
Analysis Batch: 680-89081
Prep Batch: 680-88975
Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3859.d
Initial Weight/Volume: 30.37 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1900	U	190	1900
Phenanthrene		370	U	19	370
Anthracene		370	U	19	370
Di-n-butyl phthalate		370	U	19	370
Fluoranthene		370	U	19	370
Pyrene		180	J	19	370
Butyl benzyl phthalate		370	U	19	370
3,3'-Dichlorobenzidine		750	U	19	750
Benzo[a]anthracene		370	U	37	370
Bis(2-ethylhexyl) phthalate		730		36	370
Chrysene		370	U	19	370
Di-n-octyl phthalate		370	U	22	370
Benzo[b]fluoranthene		370	U	19	370
Benzo[k]fluoranthene		370	U	19	370
Benzo[a]pyrene		370	U	19	370
Indeno[1,2,3-cd]pyrene		370	U	33	370
Dibenz(a,h)anthracene		370	U	27	370
Benzo[g,h,i]perylene		370	U	27	370
Carbazole		370	U	19	370
bis(chloroisopropyl) ether		370	U	19	370

Surrogate	%Rec	Acceptance Limits
Phenol-d5	58	43 - 110
2-Fluorophenol	53	41 - 110
2,4,6-Tribromophenol	72	36 - 128
Nitrobenzene-d5	52	36 - 110
2-Fluorobiphenyl	62	44 - 110
Terphenyl-d14	78	10 - 112

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-5 (4)

Lab Sample ID: 680-31236-5
Client Matrix: Solid
% Moisture: 11.9
Date Sampled: 10/18/2007 1445
Date Received: 10/19/2007 1227

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

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/26/2007 1318
Date Prepared: 10/25/2007 1158
Analysis Batch: 680-89372
Prep Batch: 680-89216
Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6927.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Phenol	370	U	19	370
Bis(2-chloroethyl)ether	370	U	19	370
2-Chlorophenol	370	U	19	370
1,3-Dichlorobenzene	370	U	37	370
1,4-Dichlorobenzene	370	U	19	370
1,2-Dichlorobenzene	370	U	19	370
2-Methylphenol	370	U	24	370
N-Nitrosodi-n-propylamine	370	U	19	370
Hexachloroethane	370	U	19	370
Nitrobenzene	370	U	19	370
Isophorone	370	U	19	370
2-Nitrophenol	370	U	26	370
2,4-Dimethylphenol	370	U	19	370
Bis(2-chloroethoxy)methane	370	U	19	370
2,4-Dichlorophenol	370	U	190	370
1,2,4-Trichlorobenzene	370	U	19	370
Naphthalene	370	U	19	370
4-Chloroaniline	750	U	19	750
Hexachlorobutadiene	370	U	24	370
4-Chloro-3-methylphenol	370	U	76	370
2-Methylnaphthalene	26	J	19	370
Hexachlorocyclopentadiene	370	U	190	370
2,4,6-Trichlorophenol	370	U	76	370
2,4,5-Trichlorophenol	370	U	76	370
2-Chloronaphthalene	370	U	19	370
2-Nitroaniline	1900	U	190	1900
Dimethyl phthalate	370	U	76	370
Acenaphthylene	370	U	19	370
3-Nitroaniline	1900	U	37	1900
Acenaphthene	74	J	19	370
2,4-Dinitrophenol	1900	U	180	1900
4-Nitrophenol	1900	U	190	1900
Dibenzofuran	370	U	19	370
2,4-Dinitrotoluene	370	U	24	370
2,6-Dinitrotoluene	370	U	23	370
3 & 4 Methylphenol	370	U	24	370
Diethyl phthalate	370	U	20	370
¹-Chlorophenyl phenyl ether	370	U	26	370
uorene	370	U	23	370
4-Nitroaniline	1900	U	190	1900
4,6-Dinitro-2-methylphenol	1900	U	370	1900
N-Nitrosodiphenylamine	370	U	37	370
4-Bromophenyl phenyl ether	370	U	19	370
Hexachlorobenzene	370	U	23	370

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-5 (4)**

Lab Sample ID: 680-31236-5
Client Matrix: Solid
% Moisture: 11.9
Date Sampled: 10/18/2007 1445
Date Received: 10/19/2007 1227

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

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/26/2007 1318
Date Prepared: 10/25/2007 1158
Analysis Batch: 680-89372
Prep Batch: 680-89216
Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6927.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1900	U	190	1900
Phenanthrene		120	J	19	370
Anthracene		370	U	19	370
Di-n-butyl phthalate		370	U	19	370
Fluoranthene		370	U	19	370
Pyrene		180	J	19	370
Butyl benzyl phthalate		370	U	19	370
3,3'-Dichlorobenzidine		750	U	19	750
Benzo[a]anthracene		370	U	37	370
Bis(2-ethylhexyl) phthalate		650	B	36	370
Chrysene		370	U	19	370
Di-n-octyl phthalate		370	U	22	370
Benzo[b]fluoranthene		370	U	19	370
Benzo[k]fluoranthene		370	U	19	370
Benzo[a]pyrene		370	U	19	370
Indeno[1,2,3-cd]pyrene		370	U	33	370
Dibenz(a,h)anthracene		370	U	27	370
Benzo[g,h,i]perylene		370	U	27	370
Carbazole		370	U	19	370
bis(chloroisopropyl) ether		370	U	19	370

Surrogate	%Rec		Acceptance Limits
Phenol-d5	42	X	43 - 110
2-Fluorophenol	41		41 - 110
2,4,6-Tribromophenol	49		36 - 128
Nitrobenzene-d5	36		36 - 110
2-Fluorobiphenyl	49		44 - 110
Terphenyl-d14	61		10 - 112

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-1 (4)

Lab Sample ID: 680-31236-1 Date Sampled: 10/18/2007 1300
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5035
Dilution: 20
Date Analyzed: 10/25/2007 1517
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89189
Prep Batch: 680-88878

Instrument ID: GC Volatiles - A
Lab File ID: PC25A10.d
Initial Weight/Volume: 6.8 g
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	9.2		1.0	4.2

Surrogate	%Rec		Acceptance Limits
a,a,a-Trifluorotoluene	4	X	53 - 121

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-2 (4)

Lab Sample ID: 680-31236-2 Date Sampled: 10/18/2007 1325
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5035
Dilution: 20
Date Analyzed: 10/25/2007 1555
Date Prepared: 10/22/2007 1215

Analysis Batch: 680-89189
Prep Batch: 680-88878

Instrument ID: GC Volatiles - A
Lab File ID: PD23A11.d
Initial Weight/Volume: 7.0 g
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		8.5		1.0	4.1

Surrogate	%Rec		Acceptance Limits
a,a,a-Trifluorotoluene	6	X	53 - 121

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: **EP-3 (10)**

Lab Sample ID: 680-31236-3 Date Sampled: 10/18/2007 1350
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B Analysis Batch: 680-89189 Instrument ID: GC Volatiles - A
Preparation: 5035 Prep Batch: 680-88878 Lab File ID: PD23A12.d
Dilution: 20 Initial Weight/Volume: 6.6 g
Date Analyzed: 10/25/2007 1633 Final Weight/Volume: 5 g
Date Prepared: 10/22/2007 1215 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		39		1.1	4.4

Surrogate	%Rec		Acceptance Limits
a,a,a-Trifluorotoluene	30	X	53 - 121

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-4 (4)

Lab Sample ID: 680-31236-4 Date Sampled: 10/18/2007 1420
Client Matrix: Solid % Moisture: 13.1 Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B Analysis Batch: 680-89295 Instrument ID: GC Volatiles - A
Preparation: N/A Lab File ID: PC26A19.d
Dilution: 50 Initial Weight/Volume: 5 mL
Date Analyzed: 10/26/2007 2140 Final Weight/Volume: 5 mL
Date Prepared: N/A Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		43		3.5	14

Surrogate	%Rec		Acceptance Limits
a,a,a-Trifluorotoluene	0	D	53 - 121

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: **EP-5 (4)**

Lab Sample ID: 680-31236-5 Date Sampled: 10/18/2007 1445
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B Analysis Batch: 680-89295 Instrument ID: GC Volatiles - A
Preparation: N/A Lab File ID: PC26A11.d
Dilution: 50 Initial Weight/Volume: 5 mL
Date Analyzed: 10/26/2007 1617 Final Weight/Volume: 5 mL
Date Prepared: N/A Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		15		3.5	14

Surrogate	%Rec		Acceptance Limits
a,a,a-Trifluorotoluene	0	D	53 - 121

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-1 (4)**

Lab Sample ID: 680-31236-1
Client Matrix: Solid
% Moisture: 13.3
Date Sampled: 10/18/2007 1300
Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/24/2007 1839
Date Prepared: 10/22/2007 1745
Analysis Batch: 680-89262
Prep Batch: 680-88828
Instrument ID: GC SemiVolatiles - Q
Lab File ID: qj230124.d
Initial Weight/Volume: 30.04 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		320		0.69	3.8
Oil Range Organics (C20-C36)		280		9.6	23

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	57	39 - 140

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: **EP-2 (4)**

Lab Sample ID: 680-31236-2 Date Sampled: 10/18/2007 1325
Client Matrix: Solid % Moisture: 13.3 Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 680-89277 Instrument ID: GC SemiVolatiles - Q
Preparation: 3550B Prep Batch: 680-88828 Lab File ID: qj250023.d
Dilution: 4.0 Initial Weight/Volume: 30.28 g
Date Analyzed: 10/25/2007 1659 Final Weight/Volume: 1.0 mL
Date Prepared: 10/22/2007 1745 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		580		2.7	15
Oil Range Organics (C20-C36)		480		38	91

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	39 - 140

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-3 (10)

Lab Sample ID: 680-31236-3
Client Matrix: Solid
% Moisture: 13.3

Date Sampled: 10/18/2007 1350
Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 20
Date Analyzed: 10/25/2007 1712
Date Prepared: 10/22/2007 1745

Analysis Batch: 680-89277
Prep Batch: 680-88828

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qj250024.d
Initial Weight/Volume: 30.29 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		3100		14	75
Oil Range Organics (C20-C36)		3000		190	460

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	39 - 140

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-4 (4)**

Lab Sample ID: 680-31236-4
Client Matrix: Solid
% Moisture: 13.1

Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 5.0
Date Analyzed: 10/25/2007 1725
Date Prepared: 10/22/2007 1745

Analysis Batch: 680-89277
Prep Batch: 680-88828

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qj250025.d
Initial Weight/Volume: 30.36 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		1300		3.4	19
Oil Range Organics (C20-C36)		1300		47	110

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	39 - 140

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-5 (4)**

Lab Sample ID: 680-31236-5
Client Matrix: Solid
% Moisture: 11.9
Date Sampled: 10/18/2007 1445
Date Received: 10/19/2007 1227

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 5.0
Date Analyzed: 10/25/2007 1738
Date Prepared: 10/22/2007 1745
Analysis Batch: 680-89277
Prep Batch: 680-88828
Instrument ID: GC SemiVolatiles - Q
Lab File ID: qj250026.d
Initial Weight/Volume: 30.23 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		1300		3.4	19
Oil Range Organics (C20-C36)		1300		47	110

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	39 - 140

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-1 (4)**

Lab Sample ID:	680-31236-1			Date Sampled:	10/18/2007 1300
Client Matrix:	Solid	% Moisture:	13.3	Date Received:	10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 680-89483		Instrument ID:	ICP/AES
Preparation:	3050B	Prep Batch: 680-89094		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Date Analyzed:	10/28/2007 0159			Final Weight/Volume:	100 mL
Date Prepared:	10/24/2007 1215				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.0	U	0.34	1.0
Barium		15		0.36	1.0
Cadmium		0.43	J	0.042	0.51
Chromium		4.2		0.16	1.0
Lead		6.0	B	0.19	0.51
Selenium		2.6	U	0.20	2.6
Silver		1.0	U	0.041	1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 680-89667		Instrument ID:	LEEMAN1
Preparation:	7471A	Prep Batch: 680-89482		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Date Analyzed:	10/29/2007 1724			Final Weight/Volume:	50 mL
Date Prepared:	10/29/2007 1305				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J	0.0041	0.020

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-2 (4)

Lab Sample ID: 680-31236-2
Client Matrix: Solid
% Moisture: 13.3
Date Sampled: 10/18/2007 1325
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 10/28/2007 0204
Date Prepared: 10/24/2007 1215
Analysis Batch: 680-89483
Prep Batch: 680-89094
Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 1.15 g
Final Weight/Volume: 100 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.0	U	0.33	1.0
Barium		15		0.35	1.0
Cadmium		0.55		0.041	0.50
Chromium		4.0		0.16	1.0
Lead		6.2	B	0.19	0.50
Selenium		2.5	U	0.20	2.5
Silver		1.0	U	0.040	1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 10/29/2007 1728
Date Prepared: 10/29/2007 1305
Analysis Batch: 680-89667
Prep Batch: 680-89482
Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.12 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.014	J	0.0041	0.021

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **EP-3 (10)**

Lab Sample ID: 680-31236-3
Client Matrix: Solid
% Moisture: 13.3
Date Sampled: 10/18/2007 1350
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 10/28/2007 0209
Date Prepared: 10/24/2007 1215
Analysis Batch: 680-89483
Prep Batch: 680-89094
Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 1.19 g
Final Weight/Volume: 100 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		0.97	U	0.32	0.97
Barium		12		0.34	0.97
Cadmium		0.49		0.040	0.48
Chromium		3.2		0.16	0.97
Lead		8.2	B	0.18	0.48
Selenium		2.4	U	0.19	2.4
Silver		0.97	U	0.039	0.97

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 10/29/2007 1748
Date Prepared: 10/29/2007 1305
Analysis Batch: 680-89667
Prep Batch: 680-89482
Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.16 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.016	J	0.0040	0.020

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: EP-4 (4)

Lab Sample ID: 680-31236-4
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 10/18/2007 1420
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 10/28/2007 0223
Date Prepared: 10/24/2007 1215

Analysis Batch: 680-89483
Prep Batch: 680-89094

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 1.19 g
Final Weight/Volume: 100 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		0.97	U	0.32	0.97
Barium		14		0.34	0.97
Cadmium		0.32	J	0.040	0.48
Chromium		3.9		0.15	0.97
Lead		6.0	B	0.18	0.48
Selenium		2.4	U	0.19	2.4
Silver		0.97	U	0.039	0.97

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 10/29/2007 1752
Date Prepared: 10/29/2007 1305

Analysis Batch: 680-89667
Prep Batch: 680-89482

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.16 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	J	0.0040	0.020

Client: Tetra Tech EC, Inc. Job Number: 680-31236-1

Client Sample ID: EP-5 (4)

Lab Sample ID: 680-31236-5 Date Sampled: 10/18/2007 1445
Client Matrix: Solid % Moisture: 11.9 Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B Analysis Batch: 680-89483 Instrument ID: ICP/AES
Preparation: 3050B Prep Batch: 680-89094 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 1.06 g
Date Analyzed: 10/28/2007 0228 Final Weight/Volume: 100 mL
Date Prepared: 10/24/2007 1215

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.1	U	0.35	1.1
Barium		13		0.37	1.1
Cadmium		0.37	J	0.044	0.54
Chromium		3.5		0.17	1.1
Lead		5.7	B	0.20	0.54
Selenium		2.7	U	0.21	2.7
Silver		1.1	U	0.043	1.1

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A Analysis Batch: 680-89667 Instrument ID: LEEMAN1
Preparation: 7471A Prep Batch: 680-89482 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 1.05 g
Date Analyzed: 10/29/2007 1755 Final Weight/Volume: 50 mL
Date Prepared: 10/29/2007 1305

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J	0.0043	0.022

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#2-1**

Lab Sample ID: 680-31236-6
Client Matrix: Solid

Date Sampled: 10/17/2007 1500
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 680-89826		Instrument ID:	ICP/AES
Preparation:	3010A	Prep Batch: 680-89733		Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 680-89648		Initial Weight/Volume:	5 mL
Date Analyzed:	11/01/2007 0844			Final Weight/Volume:	50 mL
Date Prepared:	10/31/2007 1157				
Date Leached:	10/30/2007 1200				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.19	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#2-2**

Lab Sample ID: 680-31236-7
Client Matrix: Solid

Date Sampled: 10/17/2007 1505
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 680-89826	Instrument ID: ICP/AES
Preparation:	3010A	Prep Batch: 680-89733	Lab File ID: N/A
Dilution:	1.0	Leachate Batch: 680-89648	Initial Weight/Volume: 5 mL
Date Analyzed:	11/01/2007 0848		Final Weight/Volume: 50 mL
Date Prepared:	10/31/2007 1157		
Date Leached:	10/30/2007 1200		

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.20	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#2-3**

Lab Sample ID: 680-31236-8
Client Matrix: Solid

Date Sampled: 10/17/2007 1510
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 680-89826		Instrument ID:	ICP/AES
Preparation:	3010A	Prep Batch: 680-89733		Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 680-89648		Initial Weight/Volume:	5 mL
Date Analyzed:	11/01/2007 0853			Final Weight/Volume:	50 mL
Date Prepared:	10/31/2007 1157				
Date Leached:	10/30/2007 1200				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.071	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#2-4**

Lab Sample ID: 680-31236-9
Client Matrix: Solid

Date Sampled: 10/17/2007 1515
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 11/01/2007 0857
Date Prepared: 10/31/2007 1157
Date Leached: 10/30/2007 1200

Analysis Batch: 680-89826
Prep Batch: 680-89733
Leachate Batch: 680-89648

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.38	B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#2-5**

Lab Sample ID: 680-31236-10
Client Matrix: Solid

Date Sampled: 10/17/2007 1520
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 11/01/2007 0907
Date Prepared: 10/31/2007 1157
Date Leached: 10/30/2007 1200

Analysis Batch: 680-89826
Prep Batch: 680-89733
Leachate Batch: 680-89648

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.056	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#2-6**

Lab Sample ID: 680-31236-11
Client Matrix: Solid

Date Sampled: 10/17/2007 1525
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 680-89826		Instrument ID:	ICP/AES
Preparation:	3010A	Prep Batch: 680-89733		Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 680-89648		Initial Weight/Volume:	5 mL
Date Analyzed:	11/01/2007 0911			Final Weight/Volume:	50 mL
Date Prepared:	10/31/2007 1157				
Date Leached:	10/30/2007 1200				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.050	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#1-1**

Lab Sample ID: 680-31236-12
Client Matrix: Solid

Date Sampled: 10/17/2007 1415
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 680-89826		Instrument ID:	ICP/AES
Preparation:	3010A	Prep Batch: 680-89733		Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 680-89648		Initial Weight/Volume:	5 mL
Date Analyzed:	11/01/2007 0916			Final Weight/Volume:	50 mL
Date Prepared:	10/31/2007 1157				
Date Leached:	10/30/2007 1200				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.084	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#1-2**

Lab Sample ID: 680-31236-13
Client Matrix: Solid

Date Sampled: 10/17/2007 1420
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 11/01/2007 0930
Date Prepared: 10/31/2007 1157
Date Leached: 10/30/2007 1200

Analysis Batch: 680-89826
Prep Batch: 680-89733
Leachate Batch: 680-89648

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.044	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#1-3**

Lab Sample ID: 680-31236-14
Client Matrix: Solid

Date Sampled: 10/17/2007 1425
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 11/01/2007 0934
Date Prepared: 10/31/2007 1157
Date Leached: 10/30/2007 1200

Analysis Batch: 680-89826
Prep Batch: 680-89733
Leachate Batch: 680-89648

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.051	J B	0.023	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Client Sample ID: **SP#1-4**

Lab Sample ID: 680-31236-15
Client Matrix: Solid

Date Sampled: 10/17/2007 1430
Date Received: 10/19/2007 1227

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 680-89826		Instrument ID:	ICP/AES
Preparation:	3010A	Prep Batch: 680-89733		Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 680-89648		Initial Weight/Volume:	5 mL
Date Analyzed:	11/01/2007 0938			Final Weight/Volume:	50 mL
Date Prepared:	10/31/2007 1157				
Date Leached:	10/30/2007 1200				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		0.15	J B	0.023	0.20

DATA REPORTING QUALIFIERS

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range, secondary dilution required.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	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.

DATA REPORTING QUALIFIERS

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Section	Qualifier	Description
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89086

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-89086/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1017
Date Prepared: N/A

Analysis Batch: 680-89086
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq044.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	5.0	U	0.64	5.0
1,1,1-Trichloroethane	5.0	U	0.58	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.4	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
1,1-Dichloroethane	5.0	U	0.50	5.0
1,1-Dichloroethene	5.0	U	0.54	5.0
1,1-Dichloropropene	5.0	U	1.0	5.0
1,2,3-Trichlorobenzene	5.0	U	0.96	5.0
1,2,3-Trichloropropane	5.0	U	1.4	5.0
1,2,4-Trichlorobenzene	5.0	U	1.0	5.0
1,2,4-Trimethylbenzene	5.0	U	0.53	5.0
1,2-Dibromo-3-Chloropropane	10	U	2.8	10
1,2-Dichlorobenzene	5.0	U	0.65	5.0
1,2-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethene, Total	10	U	1.6	10
1,2-Dichloropropane	5.0	U	1.1	5.0
1,3,5-Trimethylbenzene	5.0	U	0.87	5.0
1,3-Dichlorobenzene	5.0	U	0.83	5.0
1,3-Dichloropropane	5.0	U	1.3	5.0
1,4-Dichlorobenzene	5.0	U	0.51	5.0
2,2-Dichloropropane	5.0	U	0.60	5.0
2-Chlorotoluene	5.0	U	0.77	5.0
2-Hexanone	25	U	2.1	25
4-Chlorotoluene	5.0	U	0.78	5.0
Acetone	50	U	4.4	50
Benzene	5.0	U	0.79	5.0
Bromobenzene	5.0	U	0.90	5.0
Bromochloromethane	5.0	U	0.71	5.0
Bromoform	5.0	U	1.1	5.0
Bromodichloromethane	5.0	U	0.83	5.0
Bromomethane	5.0	U	1.6	5.0
Carbon disulfide	5.0	U	0.51	5.0
Carbon tetrachloride	5.0	U	1.0	5.0
Chlorobenzene	5.0	U	0.73	5.0
Chloroethane	5.0	U	1.2	5.0
Chloroform	5.0	U	0.50	5.0
Chloromethane	5.0	U	0.71	5.0
cis-1,2-Dichloroethene	5.0	U	0.63	5.0
cis-1,3-Dichloropropene	5.0	U	0.87	5.0
Dibromochloromethane	5.0	U	0.50	5.0
Dibromomethane	5.0	U	1.2	5.0

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89086

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-89086/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1017
Date Prepared: N/A

Analysis Batch: 680-89086
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq044.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	5.0	U	0.89	5.0
Ethylbenzene	5.0	U	0.75	5.0
Hexachlorobutadiene	5.0	U	0.91	5.0
Isopropylbenzene	5.0	U	0.50	5.0
m-Xylene & p-Xylene	10	U	1.6	10
Methyl tert-butyl ether	50	U	2.2	50
Methylene Chloride	5.0	U	1.0	5.0
Naphthalene	5.0	U	1.1	5.0
4-Methyl-2-pentanone	25	U	2.9	25
2-Butanone	25	U	2.7	25
1,2-Dibromoethane	5.0	U	1.5	5.0
n-Butylbenzene	5.0	U	0.56	5.0
N-Propylbenzene	5.0	U	0.51	5.0
o-Xylene	5.0	U	0.66	5.0
p-Isopropyltoluene	5.0	U	0.50	5.0
sec-Butylbenzene	5.0	U	0.72	5.0
Styrene	5.0	U	0.66	5.0
tert-Butylbenzene	5.0	U	0.72	5.0
Tetrachloroethene	5.0	U	0.73	5.0
Toluene	5.0	U	0.79	5.0
trans-1,2-Dichloroethene	5.0	U	0.97	5.0
trans-1,3-Dichloropropene	5.0	U	0.87	5.0
Trichloroethene	5.0	U	1.0	5.0
Trichlorofluoromethane	5.0	U	1.5	5.0
Vinyl acetate	10	U	1.5	10
Vinyl chloride	5.0	U	0.58	5.0
Xylenes, Total	10	U	2.3	10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	88	65 - 124
Dibromofluoromethane	86	65 - 124
Toluene-d8 (Surr)	87	65 - 132

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89086

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-89086/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 0822
Date Prepared: N/A

Analysis Batch: 680-89086
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq041.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	50.0	44.4	89	72 - 124	
1,1,1-Trichloroethane	50.0	44.2	88	56 - 140	
1,1,2,2-Tetrachloroethane	50.0	46.8	94	65 - 130	
1,1,2-Trichloroethane	50.0	48.7	97	62 - 138	
1,1-Dichloroethane	50.0	48.9	98	65 - 130	
1,1-Dichloroethene	50.0	48.2	96	59 - 137	
1,1-Dichloropropene	50.0	48.1	96	55 - 141	
1,2,3-Trichlorobenzene	50.0	46.9	94	72 - 132	
1,2,3-Trichloropropane	50.0	45.3	91	65 - 132	
1,2,4-Trichlorobenzene	50.0	48.8	98	74 - 130	
1,2,4-Trimethylbenzene	50.0	51.2	102	68 - 130	
1,2-Dibromo-3-Chloropropane	50.0	37.3	75	62 - 140	
1,2-Dichlorobenzene	50.0	45.9	92	75 - 123	
1,2-Dichloroethane	50.0	45.0	90	62 - 140	
1,2-Dichloroethene, Total	100	92.4	92	65 - 130	
1,2-Dichloropropane	50.0	47.1	94	66 - 135	
1,3,5-Trimethylbenzene	50.0	50.9	102	67 - 131	
1,3-Dichlorobenzene	50.0	45.7	91	74 - 123	
1,3-Dichloropropane	50.0	46.4	93	60 - 137	
1,4-Dichlorobenzene	50.0	48.3	97	75 - 122	
2,2-Dichloropropane	50.0	46.3	93	59 - 138	
2-Chlorotoluene	50.0	48.9	98	73 - 123	
2-Hexanone	100	96.1	96	47 - 151	
4-Chlorotoluene	50.0	47.1	94	75 - 123	
Acetone	100	104	104	16 - 202	
Benzene	50.0	46.2	92	63 - 130	
Bromobenzene	50.0	44.8	90	73 - 123	
Bromochloromethane	50.0	47.4	95	12 - 159	
Bromoform	50.0	40.5	81	66 - 127	
Bromodichloromethane	50.0	50.2	100	64 - 137	
Bromomethane	50.0	40.3	81	54 - 146	
Carbon disulfide	50.0	46.7	93	46 - 134	
Carbon tetrachloride	50.0	44.0	88	60 - 136	
Chlorobenzene	50.0	44.1	88	77 - 120	
Chloroethane	50.0	38.5	77	26 - 166	
Chloroform	50.0	46.4	93	68 - 127	
Chloromethane	50.0	51.4	103	46 - 137	
cis-1,2-Dichloroethene	50.0	46.9	94	58 - 143	
cis-1,3-Dichloropropene	50.0	49.6	99	66 - 137	
Dibromochloromethane	50.0	43.8	88	70 - 126	
Dibromomethane	50.0	45.7	91	61 - 138	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89086

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-89086/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 0822
Date Prepared: N/A

Analysis Batch: 680-89086
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq041.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	50.0	45.1	90	17 - 163	
Ethylbenzene	50.0	47.8	96	77 - 121	
Hexachlorobutadiene	50.0	42.2	84	66 - 134	
Isopropylbenzene	50.0	48.2	96	74 - 124	
m-Xylene & p-Xylene	100	94.3	94	76 - 122	
Methyl tert-butyl ether	100	96.8	97	68 - 128	
Methylene Chloride	50.0	47.7	95	65 - 126	
Naphthalene	50.0	45.5	91	63 - 144	
4-Methyl-2-pentanone	100	101	101	50 - 148	
2-Butanone	100	101	101	19 - 192	
1,2-Dibromoethane	50.0	43.3	87	61 - 138	
n-Butylbenzene	50.0	46.6	93	66 - 130	
N-Propylbenzene	50.0	51.1	102	74 - 124	
o-Xylene	50.0	47.8	96	76 - 122	
p-Isopropyltoluene	50.0	44.3	89	62 - 134	
sec-Butylbenzene	50.0	50.0	100	74 - 125	
Styrene	50.0	49.0	98	75 - 123	
tert-Butylbenzene	50.0	48.9	98	75 - 123	
Tetrachloroethene	50.0	43.4	87	76 - 120	
Toluene	50.0	46.9	94	67 - 132	
trans-1,2-Dichloroethene	50.0	45.5	91	66 - 127	
trans-1,3-Dichloropropene	50.0	43.8	88	64 - 138	
Trichloroethene	50.0	44.2	88	68 - 133	
Trichlorofluoromethane	50.0	44.9	90	33 - 152	
Vinyl acetate	100	119	119	10 - 254	
Vinyl chloride	50.0	48.0	96	56 - 139	
Xylenes, Total	150	142	95	76 - 122	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	86	65 - 124
Dibromofluoromethane	95	65 - 124
Toluene-d8 (Surr)	93	65 - 132

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89238

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-89238/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/25/2007 1231
Date Prepared: N/A

Analysis Batch: 680-89238
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq053.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	200	U	26	200
1,1,1-Trichloroethane	200	U	23	200
1,1,2,2-Tetrachloroethane	200	U	56	200
1,1,2-Trichloroethane	200	U	48	200
1,1-Dichloroethane	200	U	20	200
1,1-Dichloroethene	200	U	22	200
1,1-Dichloropropene	200	U	40	200
1,2,3-Trichlorobenzene	200	U	38	200
1,2,3-Trichloropropane	200	U	56	200
1,2,4-Trichlorobenzene	200	U	40	200
1,2,4-Trimethylbenzene	200	U	21	200
1,2-Dibromo-3-Chloropropane	400	U	110	400
1,2-Dichlorobenzene	200	U	26	200
1,2-Dichloroethane	200	U	40	200
1,2-Dichloroethene, Total	400	U	64	400
1,2-Dichloropropane	200	U	44	200
1,3,5-Trimethylbenzene	200	U	35	200
1,3-Dichlorobenzene	200	U	33	200
1,3-Dichloropropane	200	U	52	200
1,4-Dichlorobenzene	200	U	20	200
2,2-Dichloropropane	200	U	24	200
2-Chlorotoluene	200	U	31	200
2-Hexanone	1000	U	84	1000
4-Chlorotoluene	200	U	31	200
Acetone	230	J	180	2000
Benzene	200	U	32	200
Bromobenzene	200	U	36	200
Bromochloromethane	200	U	28	200
Bromoform	200	U	44	200
Bromodichloromethane	200	U	33	200
Bromomethane	200	U	64	200
Carbon disulfide	200	U	20	200
Carbon tetrachloride	200	U	40	200
Chlorobenzene	200	U	29	200
Chloroethane	200	U	48	200
Chloroform	200	U	20	200
Chloromethane	200	U	28	200
cis-1,2-Dichloroethene	200	U	25	200
cis-1,3-Dichloropropene	200	U	35	200
Dibromochloromethane	200	U	20	200
Dibromomethane	200	U	48	200

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89238

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-89238/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/25/2007 1231
Date Prepared: N/A

Analysis Batch: 680-89238
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq053.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	200	U	36	200
Ethylbenzene	200	U	30	200
Hexachlorobutadiene	200	U	36	200
Isopropylbenzene	200	U	20	200
m-Xylene & p-Xylene	400	U	64	400
Methyl tert-butyl ether	2000	U	88	2000
Methylene Chloride	200	U	40	200
Naphthalene	200	U	44	200
4-Methyl-2-pentanone	1000	U	120	1000
2-Butanone	1000	U	110	1000
1,2-Dibromoethane	200	U	60	200
n-Butylbenzene	200	U	22	200
N-Propylbenzene	200	U	20	200
o-Xylene	200	U	26	200
p-Isopropyltoluene	200	U	20	200
sec-Butylbenzene	200	U	29	200
Styrene	200	U	26	200
tert-Butylbenzene	200	U	29	200
Tetrachloroethene	200	U	29	200
Toluene	200	U	32	200
trans-1,2-Dichloroethene	200	U	39	200
trans-1,3-Dichloropropene	200	U	35	200
Trichloroethene	200	U	40	200
Trichlorofluoromethane	200	U	60	200
Vinyl acetate	400	U	60	400
Vinyl chloride	200	U	23	200
Xylenes, Total	400	U	92	400

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	78	65 - 124
Dibromofluoromethane	80	65 - 124
Toluene-d8 (Surr)	85	65 - 132

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89238

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-89238/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/25/2007 0956
Date Prepared: N/A

Analysis Batch: 680-89238
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq048.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	2500	2420	97	72 - 124	
1,1,1-Trichloroethane	2500	2370	95	56 - 140	
1,1,2,2-Tetrachloroethane	2500	2380	95	65 - 130	
1,1,2-Trichloroethane	2500	2530	101	62 - 138	
1,1-Dichloroethane	2500	2770	111	65 - 130	
1,1-Dichloroethene	2500	2220	89	59 - 137	
1,1-Dichloropropene	2500	2470	99	55 - 141	
1,2,3-Trichlorobenzene	2500	2470	99	72 - 132	
1,2,3-Trichloropropane	2500	2280	91	65 - 132	
1,2,4-Trichlorobenzene	2500	2630	105	74 - 130	
1,2,4-Trimethylbenzene	2500	2700	108	68 - 130	
1,2-Dibromo-3-Chloropropane	2500	2050	82	62 - 140	
1,2-Dichlorobenzene	2500	2510	100	75 - 123	
1,2-Dichloroethane	2500	2300	92	62 - 140	
1,2-Dichloroethene, Total	5000	4950	99	65 - 130	
1,2-Dichloropropane	2500	2550	102	66 - 135	
1,3,5-Trimethylbenzene	2500	2590	103	67 - 131	
1,3-Dichlorobenzene	2500	2360	94	74 - 123	
1,3-Dichloropropane	2500	2490	100	60 - 137	
1,4-Dichlorobenzene	2500	2500	100	75 - 122	
2,2-Dichloropropane	2500	2660	107	59 - 138	
2-Chlorotoluene	2500	2560	102	73 - 123	
2-Hexanone	5000	5520	110	47 - 151	
4-Chlorotoluene	2500	2700	108	75 - 123	
Acetone	5000	6150	123	16 - 202	B
Benzene	2500	2740	110	63 - 130	
Bromobenzene	2500	2320	93	73 - 123	
Bromochloromethane	2500	2760	110	12 - 159	
Bromoform	2500	2260	91	66 - 127	
Bromodichloromethane	2500	2490	100	64 - 137	
Bromomethane	2500	1980	79	54 - 146	
Carbon disulfide	2500	2250	90	46 - 134	
Carbon tetrachloride	2500	2400	96	60 - 136	
Chlorobenzene	2500	2520	101	77 - 120	
Chloroethane	2500	2400	96	26 - 166	
Chloroform	2500	2550	102	68 - 127	
Chloromethane	2500	2060	82	46 - 137	
cis-1,2-Dichloroethene	2500	2650	106	58 - 143	
cis-1,3-Dichloropropene	2500	2610	104	66 - 137	
Dibromochloromethane	2500	2280	91	70 - 126	
Dibromomethane	2500	2470	99	61 - 138	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89238

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-89238/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/25/2007 0956
Date Prepared: N/A

Analysis Batch: 680-89238
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq048.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	2500	1150	46	17 - 163	
Ethylbenzene	2500	2690	108	77 - 121	
Hexachlorobutadiene	2500	2180	87	66 - 134	
Isopropylbenzene	2500	2600	104	74 - 124	
m-Xylene & p-Xylene	5000	5320	106	76 - 122	
Methyl tert-butyl ether	5000	5240	105	68 - 128	
Methylene Chloride	2500	2880	115	65 - 126	
Naphthalene	2500	2620	105	63 - 144	
4-Methyl-2-pentanone	5000	5720	114	50 - 148	
2-Butanone	5000	6150	123	19 - 192	
1,2-Dibromoethane	2500	2300	92	61 - 138	
n-Butylbenzene	2500	2460	98	66 - 130	
N-Propylbenzene	2500	2810	112	74 - 124	
o-Xylene	2500	2620	105	76 - 122	
p-Isopropyltoluene	2500	2270	91	62 - 134	
sec-Butylbenzene	2500	2810	112	74 - 125	
Styrene	2500	2560	102	75 - 123	
tert-Butylbenzene	2500	2790	112	75 - 123	
Tetrachloroethene	2500	2410	97	76 - 120	
Toluene	2500	2650	106	67 - 132	
trans-1,2-Dichloroethene	2500	2300	92	66 - 127	
trans-1,3-Dichloropropene	2500	2320	93	64 - 138	
Trichloroethene	2500	2370	95	68 - 133	
Trichlorofluoromethane	2500	1980	79	33 - 152	
Vinyl acetate	5000	5960	119	10 - 254	
Vinyl chloride	2500	2080	83	56 - 139	
Xylenes, Total	7500	7940	106	76 - 122	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	91	65 - 124
Dibromofluoromethane	98	65 - 124
Toluene-d8 (Surr)	99	65 - 132

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89704

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-89704/10
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/30/2007 1205
Date Prepared: N/A

Analysis Batch: 680-89704
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq090.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	200	U	26	200
1,1,1-Trichloroethane	200	U	23	200
1,1,2,2-Tetrachloroethane	200	U	56	200
1,1,2-Trichloroethane	200	U	48	200
1,1-Dichloroethane	200	U	20	200
1,1-Dichloroethene	200	U	22	200
1,1-Dichloropropene	200	U	40	200
1,2,3-Trichlorobenzene	200	U	38	200
1,2,3-Trichloropropane	200	U	56	200
1,2,4-Trichlorobenzene	200	U	40	200
1,2,4-Trimethylbenzene	200	U	21	200
1,2-Dibromo-3-Chloropropane	400	U	110	400
1,2-Dichlorobenzene	200	U	26	200
1,2-Dichloroethane	200	U	40	200
1,2-Dichloroethene, Total	400	U	64	400
1,2-Dichloropropane	200	U	44	200
1,3,5-Trimethylbenzene	200	U	35	200
1,3-Dichlorobenzene	200	U	33	200
1,3-Dichloropropane	200	U	52	200
1,4-Dichlorobenzene	200	U	20	200
2,2-Dichloropropane	200	U	24	200
2-Chlorotoluene	200	U	31	200
2-Hexanone	1000	U	84	1000
4-Chlorotoluene	200	U	31	200
Acetone	220	J	180	2000
Benzene	200	U	32	200
Bromobenzene	200	U	36	200
Bromochloromethane	200	U	28	200
Bromoform	200	U	44	200
Bromodichloromethane	200	U	33	200
Bromomethane	200	U	64	200
Carbon disulfide	200	U	20	200
Carbon tetrachloride	200	U	40	200
Chlorobenzene	200	U	29	200
Chloroethane	200	U	48	200
Chloroform	200	U	20	200
Chloromethane	200	U	28	200
cis-1,2-Dichloroethene	200	U	25	200
cis-1,3-Dichloropropene	200	U	35	200
Dibromochloromethane	200	U	20	200
Dibromomethane	200	U	48	200

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89704

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-89704/10
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/30/2007 1205
Date Prepared: N/A

Analysis Batch: 680-89704
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq090.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	200	U	36	200
Ethylbenzene	200	U	30	200
Hexachlorobutadiene	200	U	36	200
Isopropylbenzene	200	U	20	200
m-Xylene & p-Xylene	400	U	64	400
Methyl tert-butyl ether	2000	U	88	2000
Methylene Chloride	200	U	40	200
Naphthalene	200	U	44	200
4-Methyl-2-pentanone	1000	U	120	1000
2-Butanone	1000	U	110	1000
1,2-Dibromoethane	200	U	60	200
n-Butylbenzene	200	U	22	200
N-Propylbenzene	200	U	20	200
o-Xylene	200	U	26	200
p-Isopropyltoluene	200	U	20	200
sec-Butylbenzene	200	U	29	200
Styrene	200	U	26	200
tert-Butylbenzene	200	U	29	200
Tetrachloroethene	200	U	29	200
Toluene	200	U	32	200
trans-1,2-Dichloroethene	200	U	39	200
trans-1,3-Dichloropropene	200	U	35	200
Trichloroethene	200	U	40	200
Trichlorofluoromethane	200	U	60	200
Vinyl acetate	400	U	60	400
Vinyl chloride	200	U	23	200
Xylenes, Total	400	U	92	400

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	86	65 - 124
Dibromofluoromethane	96	65 - 124
Toluene-d8 (Surr)	100	65 - 132

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89704

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-89704/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/30/2007 1013
Date Prepared: N/A

Analysis Batch: 680-89704
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq087.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	2500	2240	89	72 - 124	
1,1,1-Trichloroethane	2500	2480	99	56 - 140	
1,1,2,2-Tetrachloroethane	2500	2210	88	65 - 130	
1,1,2-Trichloroethane	2500	2540	102	62 - 138	
1,1-Dichloroethane	2500	2880	115	65 - 130	
1,1-Dichloroethene	2500	2450	98	59 - 137	
1,1-Dichloropropene	2500	2630	105	55 - 141	
1,2,3-Trichlorobenzene	2500	2260	90	72 - 132	
1,2,3-Trichloropropane	2500	1990	79	65 - 132	
1,2,4-Trichlorobenzene	2500	2350	94	74 - 130	
1,2,4-Trimethylbenzene	2500	2560	102	68 - 130	
1,2-Dibromo-3-Chloropropane	2500	1730	69	62 - 140	
1,2-Dichlorobenzene	2500	2270	91	75 - 123	
1,2-Dichloroethane	2500	2410	96	62 - 140	
1,2-Dichloroethene, Total	5000	5170	103	65 - 130	
1,2-Dichloropropane	2500	2690	107	66 - 135	
1,3,5-Trimethylbenzene	2500	2520	101	67 - 131	
1,3-Dichlorobenzene	2500	2310	92	74 - 123	
1,3-Dichloropropane	2500	2390	96	60 - 137	
1,4-Dichlorobenzene	2500	2400	96	75 - 122	
2,2-Dichloropropane	2500	2680	107	59 - 138	
2-Chlorotoluene	2500	2410	96	73 - 123	
2-Hexanone	5000	4520	90	47 - 151	
4-Chlorotoluene	2500	2490	99	75 - 123	
Acetone	5000	5160	103	16 - 202	B
Benzene	2500	2780	111	63 - 130	
Bromobenzene	2500	2300	92	73 - 123	
Bromochloromethane	2500	2900	116	12 - 159	
Bromoform	2500	2010	80	66 - 127	
Bromodichloromethane	2500	2680	107	64 - 137	
Bromomethane	2500	1930	77	54 - 146	
Carbon disulfide	2500	2330	93	46 - 134	
Carbon tetrachloride	2500	2600	104	60 - 136	
Chlorobenzene	2500	2460	98	77 - 120	
Chloroethane	2500	2650	106	26 - 166	
Chloroform	2500	2590	104	68 - 127	
Chloromethane	2500	2030	81	46 - 137	
cis-1,2-Dichloroethene	2500	2730	109	58 - 143	
cis-1,3-Dichloropropene	2500	2600	104	66 - 137	
Dibromochloromethane	2500	2170	87	70 - 126	
Dibromomethane	2500	2470	99	61 - 138	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89704

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-89704/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/30/2007 1013
Date Prepared: N/A

Analysis Batch: 680-89704
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq087.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	2500	1120	45	17 - 163	
Ethylbenzene	2500	2670	107	77 - 121	
Hexachlorobutadiene	2500	2130	85	66 - 134	
Isopropylbenzene	2500	2600	104	74 - 124	
m-Xylene & p-Xylene	5000	5280	106	76 - 122	
Methyl tert-butyl ether	5000	4950	99	68 - 128	
Methylene Chloride	2500	2830	113	65 - 126	
Naphthalene	2500	2100	84	63 - 144	
4-Methyl-2-pentanone	5000	5200	104	50 - 148	
2-Butanone	5000	4920	98	19 - 192	
1,2-Dibromoethane	2500	2140	86	61 - 138	
n-Butylbenzene	2500	2400	96	66 - 130	
N-Propylbenzene	2500	2780	111	74 - 124	
o-Xylene	2500	2630	105	76 - 122	
p-Isopropyltoluene	2500	2310	93	62 - 134	
sec-Butylbenzene	2500	2730	109	74 - 125	
Styrene	2500	2490	99	75 - 123	
tert-Butylbenzene	2500	2570	103	75 - 123	
Tetrachloroethene	2500	2310	93	76 - 120	
Toluene	2500	2690	108	67 - 132	
trans-1,2-Dichloroethene	2500	2440	98	66 - 127	
trans-1,3-Dichloropropene	2500	2360	94	64 - 138	
Trichloroethene	2500	2350	94	68 - 133	
Trichlorofluoromethane	2500	2070	83	33 - 152	
Vinyl acetate	5000	5710	114	10 - 254	
Vinyl chloride	2500	2040	82	56 - 139	
Xylenes, Total	7500	7920	106	76 - 122	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	91	65 - 124
Dibromofluoromethane	95	65 - 124
Toluene-d8 (Surr)	102	65 - 132

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-88975

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-88975/12-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1341
Date Prepared: 10/23/2007 1733

Analysis Batch: 680-89081
Prep Batch: 680-88975
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3848.d
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	330	U	17	330
Bis(2-chloroethyl)ether	330	U	17	330
2-Chlorophenol	330	U	17	330
1,3-Dichlorobenzene	330	U	33	330
1,4-Dichlorobenzene	330	U	17	330
1,2-Dichlorobenzene	330	U	17	330
2-Methylphenol	330	U	21	330
N-Nitrosodi-n-propylamine	330	U	17	330
Hexachloroethane	330	U	17	330
Nitrobenzene	330	U	17	330
Isophorone	330	U	17	330
2-Nitrophenol	330	U	23	330
2,4-Dimethylphenol	330	U	17	330
Bis(2-chloroethoxy)methane	330	U	17	330
2,4-Dichlorophenol	330	U	170	330
1,2,4-Trichlorobenzene	330	U	17	330
Naphthalene	330	U	17	330
4-Chloroaniline	660	U	17	660
Hexachlorobutadiene	330	U	21	330
4-Chloro-3-methylphenol	330	U	67	330
2-Methylnaphthalene	330	U	17	330
Hexachlorocyclopentadiene	330	U	170	330
2,4,6-Trichlorophenol	330	U	67	330
2,4,5-Trichlorophenol	330	U	67	330
2-Chloronaphthalene	330	U	17	330
2-Nitroaniline	1700	U	170	1700
Dimethyl phthalate	330	U	67	330
Acenaphthylene	330	U	17	330
3-Nitroaniline	1700	U	33	1700
Acenaphthene	330	U	17	330
2,4-Dinitrophenol	1700	U	160	1700
4-Nitrophenol	1700	U	170	1700
Dibenzofuran	330	U	17	330
2,4-Dinitrotoluene	330	U	21	330
2,6-Dinitrotoluene	330	U	20	330
3 & 4 Methylphenol	330	U	21	330
Diethyl phthalate	330	U	18	330
4-Chlorophenyl phenyl ether	330	U	23	330
Fluorene	330	U	20	330
4-Nitroaniline	1700	U	170	1700
4,6-Dinitro-2-methylphenol	1700	U	330	1700

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-88975

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-88975/12-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1341
Date Prepared: 10/23/2007 1733

Analysis Batch: 680-89081
Prep Batch: 680-88975
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3848.d
Initial Weight/Volume: 30.05 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	330	U	33	330
4-Bromophenyl phenyl ether	330	U	17	330
Hexachlorobenzene	330	U	20	330
Pentachlorophenol	1700	U	170	1700
Phenanthrene	330	U	17	330
Anthracene	330	U	17	330
Di-n-butyl phthalate	64	J	17	330
Fluoranthene	330	U	17	330
Pyrene	330	U	17	330
Butyl benzyl phthalate	330	U	17	330
3,3'-Dichlorobenzidine	660	U	17	660
Benzo[a]anthracene	330	U	33	330
Bis(2-ethylhexyl) phthalate	330	U	32	330
Chrysene	330	U	17	330
Di-n-octyl phthalate	330	U	19	330
Benzo[b]fluoranthene	330	U	17	330
Benzo[k]fluoranthene	330	U	17	330
Benzo[a]pyrene	330	U	17	330
Indeno[1,2,3-cd]pyrene	330	U	29	330
Dibenz(a,h)anthracene	330	U	24	330
Benzo[g,h,i]perylene	330	U	24	330
Carbazole	330	U	17	330
bis(chloroisopropyl) ether	330	U	17	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	68	43 - 110
2-Fluorophenol	67	41 - 110
2,4,6-Tribromophenol	68	36 - 128
Nitrobenzene-d5	59	36 - 110
2-Fluorobiphenyl	67	44 - 110
Terphenyl-d14	104	10 - 112

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-88975

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-88975/13-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1402
Date Prepared: 10/23/2007 1733

Analysis Batch: 680-89081
Prep Batch: 680-88975
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3849.d
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2170	65	41 - 110	
Bis(2-chloroethyl)ether	3330	1960	59	39 - 110	
2-Chlorophenol	3330	2130	64	44 - 110	
1,3-Dichlorobenzene	3330	1860	56	37 - 110	
1,4-Dichlorobenzene	3330	1840	55	38 - 110	
1,2-Dichlorobenzene	3330	1880	56	40 - 110	
2-Methylphenol	3330	2160	65	44 - 110	
N-Nitrosodi-n-propylamine	3330	2050	62	41 - 110	
Hexachloroethane	3330	1820	55	36 - 110	
Nitrobenzene	3330	1970	59	41 - 110	
Isophorone	3330	2100	63	44 - 110	
2-Nitrophenol	3330	1920	58	38 - 110	
2,4-Dimethylphenol	3330	2210	67	44 - 110	
Bis(2-chloroethoxy)methane	3330	2210	66	46 - 110	
2,4-Dichlorophenol	3330	2160	65	46 - 110	
1,2,4-Trichlorobenzene	3330	1950	59	42 - 110	
Naphthalene	3330	2050	62	44 - 110	
4-Chloroaniline	3330	1970	59	21 - 110	
Hexachlorobutadiene	3330	2020	61	44 - 110	
4-Chloro-3-methylphenol	3330	2380	71	46 - 110	
2-Methylnaphthalene	3330	2130	64	45 - 110	
Hexachlorocyclopentadiene	3330	2060	62	26 - 110	
2,4,6-Trichlorophenol	3330	2300	69	46 - 110	
2,4,5-Trichlorophenol	3330	2340	70	48 - 110	
2-Chloronaphthalene	3330	2200	66	46 - 110	
2-Nitroaniline	3330	2330	70	42 - 110	
Dimethyl phthalate	3330	2350	71	48 - 110	
Acenaphthylene	3330	2360	71	49 - 110	
3-Nitroaniline	3330	2260	68	30 - 110	
Acenaphthene	3330	2230	67	44 - 110	
2,4-Dinitrophenol	3330	1950	58	10 - 119	
4-Nitrophenol	3330	2370	71	30 - 119	
Dibenzofuran	3330	2230	67	48 - 110	
2,4-Dinitrotoluene	3330	2460	74	46 - 116	
2,6-Dinitrotoluene	3330	2420	73	45 - 118	
3 & 4 Methylphenol	3330	2240	67	43 - 110	
Diethyl phthalate	3330	2410	72	47 - 110	
4-Chlorophenyl phenyl ether	3330	2220	67	47 - 110	
Fluorene	3330	2290	69	48 - 110	
4-Nitroaniline	3330	2310	69	32 - 117	
4,6-Dinitro-2-methylphenol	3330	2390	72	10 - 126	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-88975

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-88975/13-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1402
Date Prepared: 10/23/2007 1733

Analysis Batch: 680-89081
Prep Batch: 680-88975
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t3849.d
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodiphenylamine	3330	2750	83	53 - 110	
4-Bromophenyl phenyl ether	3330	2160	65	43 - 110	
Hexachlorobenzene	3330	2480	74	50 - 110	
Pentachlorophenol	3330	2300	69	28 - 117	
Phenanthrene	3330	2530	76	51 - 110	
Anthracene	3330	2500	75	52 - 110	
Di-n-butyl phthalate	3330	2620	79	49 - 115	
Fluoranthene	3330	2530	76	48 - 116	
Pyrene	3330	2710	81	54 - 112	
Butyl benzyl phthalate	3330	2990	90	54 - 124	
3,3'-Dichlorobenzidine	3330	2530	76	27 - 110	
Benzo[a]anthracene	3330	2560	77	53 - 113	
Bis(2-ethylhexyl) phthalate	3330	2840	85	51 - 120	
Chrysene	3330	2900	87	54 - 115	
Di-n-octyl phthalate	3330	2810	84	49 - 122	
Benzo[b]fluoranthene	3330	2450	74	45 - 119	
Benzo[k]fluoranthene	3330	2660	80	50 - 115	
Benzo[a]pyrene	3330	2680	80	51 - 115	
Indeno[1,2,3-cd]pyrene	3330	2610	78	45 - 128	
Dibenz(a,h)anthracene	3330	2570	77	50 - 115	
Benzo[g,h,i]perylene	3330	2640	79	49 - 116	
Carbazole	3330	2590	78	49 - 112	
bis(chloroisopropyl) ether	3330	2000	60	31 - 110	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	75	43 - 110
2-Fluorophenol	72	41 - 110
2,4,6-Tribromophenol	80	36 - 128
Nitrobenzene-d5	65	36 - 110
2-Fluorobiphenyl	73	44 - 110
Terphenyl-d14	92	10 - 112

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89216

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-89216/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/25/2007 1509
Date Prepared: 10/25/2007 1158

Analysis Batch: 680-89227
Prep Batch: 680-89216
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6917.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	330	U	17	330
Bis(2-chloroethyl)ether	330	U	17	330
2-Chlorophenol	330	U	17	330
1,3-Dichlorobenzene	330	U	33	330
1,4-Dichlorobenzene	330	U	17	330
1,2-Dichlorobenzene	330	U	17	330
2-Methylphenol	330	U	21	330
N-Nitrosodi-n-propylamine	330	U	17	330
Hexachloroethane	330	U	17	330
Nitrobenzene	330	U	17	330
Isophorone	330	U	17	330
2-Nitrophenol	330	U	23	330
2,4-Dimethylphenol	330	U	17	330
Bis(2-chloroethoxy)methane	330	U	17	330
2,4-Dichlorophenol	330	U	170	330
1,2,4-Trichlorobenzene	330	U	17	330
Naphthalene	330	U	17	330
4-Chloroaniline	660	U	17	660
Hexachlorobutadiene	330	U	21	330
4-Chloro-3-methylphenol	330	U	67	330
2-Methylnaphthalene	330	U	17	330
Hexachlorocyclopentadiene	330	U	170	330
2,4,6-Trichlorophenol	330	U	67	330
2,4,5-Trichlorophenol	330	U	67	330
2-Chloronaphthalene	330	U	17	330
2-Nitroaniline	1700	U	170	1700
Dimethyl phthalate	330	U	67	330
Acenaphthylene	330	U	17	330
3-Nitroaniline	1700	U	33	1700
Acenaphthene	330	U	17	330
2,4-Dinitrophenol	1700	U	160	1700
4-Nitrophenol	1700	U	170	1700
Dibenzofuran	330	U	17	330
2,4-Dinitrotoluene	330	U	21	330
2,6-Dinitrotoluene	330	U	20	330
3 & 4 Methylphenol	330	U	21	330
Diethyl phthalate	330	U	18	330
4-Chlorophenyl phenyl ether	330	U	23	330
luorene	330	U	20	330
4-Nitroaniline	1700	U	170	1700
4,6-Dinitro-2-methylphenol	1700	U	330	1700

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89216

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-89216/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/25/2007 1509
Date Prepared: 10/25/2007 1158

Analysis Batch: 680-89227
Prep Batch: 680-89216
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6917.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	330	U	33	330
4-Bromophenyl phenyl ether	330	U	17	330
Hexachlorobenzene	330	U	20	330
Pentachlorophenol	1700	U	170	1700
Phenanthrene	330	U	17	330
Anthracene	330	U	17	330
Di-n-butyl phthalate	330	U	17	330
Fluoranthene	330	U	17	330
Pyrene	330	U	17	330
Butyl benzyl phthalate	330	U	17	330
3,3'-Dichlorobenzidine	660	U	17	660
Benzo[a]anthracene	330	U	33	330
Bis(2-ethylhexyl) phthalate	48	J	32	330
Chrysene	330	U	17	330
Di-n-octyl phthalate	330	U	19	330
Benzo[b]fluoranthene	330	U	17	330
Benzo[k]fluoranthene	330	U	17	330
Benzo[a]pyrene	330	U	17	330
Indeno[1,2,3-cd]pyrene	330	U	29	330
Dibenz(a,h)anthracene	330	U	24	330
Benzo[g,h,i]perylene	330	U	24	330
Carbazole	330	U	17	330
bis(chloroisopropyl) ether	330	U	17	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	67	43 - 110
2-Fluorophenol	69	41 - 110
2,4,6-Tribromophenol	64	36 - 128
Nitrobenzene-d5	62	36 - 110
2-Fluorobiphenyl	68	44 - 110
Terphenyl-d14	83	10 - 112

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89216

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-89216/6-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/25/2007 1531
Date Prepared: 10/25/2007 1158

Analysis Batch: 680-89227
Prep Batch: 680-89216
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6918.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2240	67	41 - 110	
Bis(2-chloroethyl)ether	3330	2360	71	39 - 110	
2-Chlorophenol	3330	2340	70	44 - 110	
1,3-Dichlorobenzene	3330	2020	61	37 - 110	
1,4-Dichlorobenzene	3330	2130	64	38 - 110	
1,2-Dichlorobenzene	3330	2140	64	40 - 110	
2-Methylphenol	3330	2410	72	44 - 110	
N-Nitrosodi-n-propylamine	3330	2320	70	41 - 110	
Hexachloroethane	3330	2090	63	36 - 110	
Nitrobenzene	3330	1980	60	41 - 110	
Isophorone	3330	2230	67	44 - 110	
2-Nitrophenol	3330	2180	66	38 - 110	
2,4-Dimethylphenol	3330	2530	76	44 - 110	
Bis(2-chloroethoxy)methane	3330	2330	70	46 - 110	
2,4-Dichlorophenol	3330	2310	69	46 - 110	
1,2,4-Trichlorobenzene	3330	2170	65	42 - 110	
Naphthalene	3330	2120	64	44 - 110	
4-Chloroaniline	3330	2160	65	21 - 110	
Hexachlorobutadiene	3330	2340	70	44 - 110	
4-Chloro-3-methylphenol	3330	2500	75	46 - 110	
2-Methylnaphthalene	3330	2270	68	45 - 110	
Hexachlorocyclopentadiene	3330	2080	62	26 - 110	
2,4,6-Trichlorophenol	3330	2280	68	46 - 110	
2,4,5-Trichlorophenol	3330	2360	71	48 - 110	
2-Chloronaphthalene	3330	2180	65	46 - 110	
2-Nitroaniline	3330	2220	67	42 - 110	
Dimethyl phthalate	3330	2440	73	48 - 110	
Acenaphthylene	3330	2280	69	49 - 110	
3-Nitroaniline	3330	2180	65	30 - 110	
Acenaphthene	3330	2120	64	44 - 110	
2,4-Dinitrophenol	3330	635	19	10 - 119	J
4-Nitrophenol	3330	2000	60	30 - 119	
Dibenzofuran	3330	2250	68	48 - 110	
2,4-Dinitrotoluene	3330	2310	69	46 - 116	
2,6-Dinitrotoluene	3330	2270	68	45 - 118	
3 & 4 Methylphenol	3330	2310	69	43 - 110	
Diethyl phthalate	3330	2500	75	47 - 110	
4-Chlorophenyl phenyl ether	3330	2360	71	47 - 110	
Fluorene	3330	2290	69	48 - 110	
4-Nitroaniline	3330	2400	72	32 - 117	
4,6-Dinitro-2-methylphenol	3330	1350	40	10 - 126	J

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Lab Control Spike - Batch: 680-89216

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-89216/6-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/25/2007 1531
Date Prepared: 10/25/2007 1158

Analysis Batch: 680-89227
Prep Batch: 680-89216
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e6918.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodiphenylamine	3330	2630	79	53 - 110	
4-Bromophenyl phenyl ether	3330	2150	65	43 - 110	
Hexachlorobenzene	3330	2400	72	50 - 110	
Pentachlorophenol	3330	1990	60	28 - 117	
Phenanthrene	3330	2460	74	51 - 110	
Anthracene	3330	2370	71	52 - 110	
Di-n-butyl phthalate	3330	2710	81	49 - 115	
Fluoranthene	3330	2520	76	48 - 116	
Pyrene	3330	2430	73	54 - 112	
Butyl benzyl phthalate	3330	2910	87	54 - 124	
3,3'-Dichlorobenzidine	3330	2480	74	27 - 110	
Benzo[a]anthracene	3330	2410	72	53 - 113	
Bis(2-ethylhexyl) phthalate	3330	2890	87	51 - 120	
Chrysene	3330	2700	81	54 - 115	
Di-n-octyl phthalate	3330	2840	85	49 - 122	
Benzo[b]fluoranthene	3330	2370	71	45 - 119	
Benzo[k]fluoranthene	3330	2570	77	50 - 115	
Benzo[a]pyrene	3330	2460	74	51 - 115	
Indeno[1,2,3-cd]pyrene	3330	2520	75	45 - 128	
Dibenz(a,h)anthracene	3330	2480	74	50 - 115	
Benzo[g,h,i]perylene	3330	2510	75	49 - 116	
Carbazole	3330	2460	74	49 - 112	
bis(chloroisopropyl) ether	3330	2410	72	31 - 110	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	72	43 - 110
2-Fluorophenol	69	41 - 110
2,4,6-Tribromophenol	74	36 - 128
Nitrobenzene-d5	64	36 - 110
2-Fluorobiphenyl	69	44 - 110
Terphenyl-d14	82	10 - 112

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89189

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-89189/7
Client Matrix: Solid
Dilution: 20
Date Analyzed: 10/25/2007 1258
Date Prepared: N/A

Analysis Batch: 680-89189
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC25A7.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	5.0	U	1.2	5.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	92	53 - 121

Lab Control Spike - Batch: 680-89189

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-89189/8
Client Matrix: Solid
Dilution: 20
Date Analyzed: 10/25/2007 1335
Date Prepared: N/A

Analysis Batch: 680-89189
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC25A8.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	40.0	33.1	83	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	109	53 - 121

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89295

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-89295/11
Client Matrix: Solid
Dilution: 20
Date Analyzed: 10/26/2007 1539
Date Prepared: N/A

Analysis Batch: 680-89295
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC26A10.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	5.0	U	1.2	5.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	108	53 - 121

Lab Control Spike - Batch: 680-89295

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-89295/10
Client Matrix: Solid
Dilution: 20
Date Analyzed: 10/26/2007 1424
Date Prepared: N/A

Analysis Batch: 680-89295
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC26A8.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	40.0	31.5	79	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	99	53 - 121

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-88828

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-88828/16-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1656
Date Prepared: 10/22/2007 1745

Analysis Batch: 680-89262
Prep Batch: 680-88828
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qj230116.d
Initial Weight/Volume: 30.06 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	3.3	U	0.60	3.3
Oil Range Organics (C20-C36)	20	U	8.3	20

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	94	39 - 140

Lab Control Spike - Batch: 680-88828

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-88828/17-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/24/2007 1709
Date Prepared: 10/22/2007 1745

Analysis Batch: 680-89262
Prep Batch: 680-88828
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: qj230117.d
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	33.3	29.5	89	40 - 140	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	85	39 - 140

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89094

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 680-89094/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/28/2007 0042
Date Prepared: 10/24/2007 1215

Analysis Batch: 680-89483
Prep Batch: 680-89094
Units: mg/Kg

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Arsenic	1.0	U	0.33	1.0
Barium	1.0	U	0.35	1.0
Cadmium	0.50	U	0.041	0.50
Chromium	1.0	U	0.16	1.0
Selenium	2.5	U	0.20	2.5
Silver	1.0	U	0.040	1.0
Lead	0.23	J	0.19	0.50

Lab Control Spike - Batch: 680-89094

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 680-89094/20-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/28/2007 0047
Date Prepared: 10/24/2007 1215

Analysis Batch: 680-89483
Prep Batch: 680-89094
Units: mg/Kg

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	200	194	97	75 - 125	
Barium	200	211	105	75 - 125	
Cadmium	5.00	5.00	100	75 - 125	
Chromium	20.0	20.8	104	75 - 125	
Selenium	200	193	97	75 - 125	
Silver	5.00	5.10	102	75 - 125	
Lead	50.0	50.3	101	75 - 125	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-89094

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	680-31236-5	Analysis Batch: 680-89483	Instrument ID: ICP/AES
Client Matrix:	Solid	Prep Batch: 680-89094	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.06 g
Date Analyzed:	10/28/2007 0243		Final Weight/Volume: 100 mL
Date Prepared:	10/24/2007 1215		

MSD Lab Sample ID:	680-31236-5	Analysis Batch: 680-89483	Instrument ID: ICP/AES
Client Matrix:	Solid	Prep Batch: 680-89094	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.06 g
Date Analyzed:	10/28/2007 0247		Final Weight/Volume: 100 mL
Date Prepared:	10/24/2007 1215		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	94	94	75 - 125	0	20		
Barium	105	105	75 - 125	0	20		
Cadmium	98	97	75 - 125	0	20		
Chromium	107	106	75 - 125	1	20		
Selenium	94	94	75 - 125	1	20		
Silver	100	100	75 - 125	0	20		
Lead	100	99	75 - 125	1	20	B	B

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

TCLP SPLPE Leachate Blank - Batch: 680-89733

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: LB 680-89648/13-C
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/01/2007 0834
Date Prepared: 10/31/2007 1157
Date Leached: 10/30/2007 1200

Analysis Batch: 680-89826
Prep Batch: 680-89733
Units: mg/L

Leachate Batch: 680-89648

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Lead	0.036	J	0.023	0.20

Lab Control Spike - Batch: 680-89733

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 680-89733/14-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/01/2007 0838
Date Prepared: 10/31/2007 1157

Analysis Batch: 680-89826
Prep Batch: 680-89733
Units: mg/L

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	5.00	4.94	99	75 - 125	

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

Client: Tetra Tech EC, Inc.

Job Number: 680-31236-1

Method Blank - Batch: 680-89482

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 680-89482/9-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/29/2007 1709
Date Prepared: 10/29/2007 1305

Analysis Batch: 680-89667
Prep Batch: 680-89482
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.020	U	0.0040	0.020

Lab Control Spike - Batch: 680-89482

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 680-89482/10-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/29/2007 1713
Date Prepared: 10/29/2007 1305

Analysis Batch: 680-89667
Prep Batch: 680-89482
Units: mg/Kg

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.125	0.119	95	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-89482

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 680-31236-2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/29/2007 1740
Date Prepared: 10/29/2007 1305

Analysis Batch: 680-89667
Prep Batch: 680-89482

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.12 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 680-31236-2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/29/2007 1744
Date Prepared: 10/29/2007 1305

Analysis Batch: 680-89667
Prep Batch: 680-89482

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 1.12 g
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	95	105	80 - 120	8	20		

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

Serial Number 74098

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL®**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NGTC		GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Kathy Smith		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
William Flook	706-825-7100	
CLIENT NAME	CLIENT E-MAIL	
TerraTech ECI		
CLIENT ADDRESS		
302 Research Drive Norcross, GA. 30092		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE ____ OF ____

STANDARD REPORT DELIVERY ○
DATE DUE ____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE ____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC (8260)	SVOC (8270)	ORO (8015)	DRO (8015)	RCRA Metals	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2007 10/18	1300	EP-1 (4')	G		S			X	X	X	X	X	6	Excavation Pit =
10/18	1325	EP-2 (4')	G		S			X	X	X	X	X	6	EP
10/18	1350	EP-3 (10')	G		S			X	X	X	X	X	6	
10/18	1420	EP-4 (4')	G		S			X	X	X	X	X	6	
10/18	1445	EP-5 (4')	G		S			X	X	X	X	X	6	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
KARL F HALL	101907	1227	YES ○ NO ○		080-31236	

STL 8240/680 (12/02)

Serial Number 74100

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT STL®

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Savannah, GA 31404

Website: www.stl-inc.com
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○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NGTR		GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Kathy Smith		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
William Fleck		
CLIENT NAME	CLIENT E-MAIL	
TetraTech ECI		
CLIENT ADDRESS		
302 Research Drive Norcross, GA 30092		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE ____ OF ____

STANDARD REPORT DELIVERY ○

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: Tetra Tech	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2007 10/17	1500	SP#2-1	G		X			X	5	Stockpile #2
10/17	1505	SP#2-2	G		X			X	5	
10/17	1510	SP#2-3	G		X			X	5	
10/17	1515	SP#2-4	G		X			X	5	
10/17	1520	SP#2-5	G		X			X	5	
10/17	1525	SP#2-6	G		X			X	5	

TEMP.: 2.6/2.2

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

KARL I HALL

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	101903	1227	YES ○ NO ○		680-31236	

STL-8240-680 (12/02)

Serial Number 74099

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT STL®

○ STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
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Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NGTC		GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Kathy Smith		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
William Fleck		
CLIENT NAME	CLIENT E-MAIL	
Tetra Tech EC		
CLIENT ADDRESS		
302 Research Drive Norcross, GA 30092		
COMPANY CONTRACTING THIS WORK (if applicable)		

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

REQUIRED ANALYSIS: TCLP Lead

PAGE ____ OF ____

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2001 10/17	1415	SP#1-1	G		X			X	Stockpile #1
10/17	1420	SP#1-2	G		X			X	
10/17	1425	SP#1-3	G		X			X	
10/17	1430	SP#1-4	G		X			X	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

KARL I HALL

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	101907	1227	YES ○ NO ○		680-31236	

STL8240-680 (12/02)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-32304-1

Job Description: NGTC

For:
Tetra Tech EC, Inc.
302 Research Drive
Norcross, GA 30092

Attention: Mr. William Fleck

Kathryn Smith

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com
12/12/2007

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

ACCREDITED IN ACCORDANCE WITH nelac

METHOD SUMMARY

Client: Tetra Tech EC, Inc. Job Number: 680-32304-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds by 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	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	TAL SAV		SW846 3005A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7470A	
Mercury in Liquid Waste (Manual Cold Vapor	TAL SAV		SW846 7470A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Method	Analyst	Analyst ID
SW846 8260B	Smith, Carion	CS
SW846 8270C	Johnson, Brad	BJ
SW846 6010B	Robertson, Bryn	BR
SW846 7470A	Bland, Brian	BB

SAMPLE SUMMARY

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-32304-1	OW-1	Water	11/28/2007 1045	11/30/2007 0905
680-32304-2	OW-2	Water	11/28/2007 1430	11/30/2007 0905
680-32304-3TB	TB-112807	Water	11/28/2007 0000	11/30/2007 0905

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: **OW-1**

Lab Sample ID: 680-32304-1
Client Matrix: Water

Date Sampled: 11/28/2007 1045
Date Received: 11/30/2007 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2007 1411
Date Prepared: 12/03/2007 1411

Analysis Batch: 680-92546

Instrument ID: GC/MS Volatiles - A
Lab File ID: a0651.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.29	1.0
1,1,1-Trichloroethane	1.0	U	0.39	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.26	1.0
1,1,2-Trichloroethane	1.0	U	0.51	1.0
1,1-Dichloroethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.36	1.0
1,1-Dichloropropene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.31	1.0
1,2,3-Trichloropropane	1.0	U	0.42	1.0
1,2,4-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trimethylbenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.48	1.0
1,2-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichloroethane	1.0	U	0.31	1.0
1,2-Dichloroethene, Total	2.0	U	0.63	2.0
1,2-Dichloropropane	1.0	U	0.36	1.0
1,3,5-Trimethylbenzene	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.31	1.0
1,3-Dichloropropane	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
2,2-Dichloropropane	1.0	U	0.35	1.0
2-Chloroethyl vinyl ether	10	U	0.57	10
2-Chlorotoluene	1.0	U	0.32	1.0
2-Hexanone	10	U	0.68	10
4-Chlorotoluene	1.0	U	0.33	1.0
Acetone	25	U	5.0	25
Benzene	1.0	U	0.32	1.0
Bromobenzene	1.0	U	0.34	1.0
Bromochloromethane	1.0	U	0.33	1.0
Bromoform	1.0	U	0.41	1.0
Bromodichloromethane	1.0	U	0.34	1.0
Bromomethane	1.0	U	0.50	1.0
Carbon disulfide	0.35	J B	0.17	2.0
Carbon tetrachloride	1.0	U	0.27	1.0
Chlorobenzene	1.0	U	0.34	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.33	1.0
cis-1,3-Dichloropropene	1.0	U	0.37	1.0
Dibromochloromethane	1.0	U	0.30	1.0
Dibromomethane	1.0	U	0.29	1.0
Dichlorodifluoromethane	1.0	U	0.33	1.0
Ethylbenzene	1.0	U	0.30	1.0

Client: Tetra Tech EC, Inc. Job Number: 680-32304-1

Client Sample ID: **OW-1**

Lab Sample ID: 680-32304-1 Date Sampled: 11/28/2007 1045
Client Matrix: Water Date Received: 11/30/2007 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-92546 Instrument ID: GC/MS Volatiles - A
Preparation: 5030B Lab File ID: a0651.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 12/03/2007 1411 Final Weight/Volume: 5 mL
Date Prepared: 12/03/2007 1411

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachlorobutadiene	2.0	B	0.33	1.0
Isopropylbenzene	1.0	U	0.27	1.0
m-Xylene & p-Xylene	2.0	U	0.53	2.0
Methyl tert-butyl ether	10	U	0.58	10
Methylene Chloride	5.0	U	1.0	5.0
Naphthalene	5.0	U	0.27	5.0
4-Methyl-2-pentanone	10	U	0.60	10
2-Butanone	10	U	0.60	10
1,2-Dibromoethane	1.0	U	0.30	1.0
n-Butylbenzene	1.0	U	0.33	1.0
N-Propylbenzene	1.0	U	0.34	1.0
o-Xylene	1.0	U	0.34	1.0
p-Isopropyltoluene	1.0	U	0.32	1.0
sec-Butylbenzene	1.0	U	0.29	1.0
Styrene	1.0	U	0.36	1.0
tert-Butylbenzene	1.0	U	0.30	1.0
Tetrachloroethene	1.0	U	0.28	1.0
Toluene	1.0	U	0.31	1.0
trans-1,2-Dichloroethene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.27	1.0
Trichloroethene	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.29	1.0
Vinyl acetate	2.0	U	0.62	2.0
Vinyl chloride	1.0	U	0.20	1.0
Xylenes, Total	2.0	U	0.87	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	75 - 120
Dibromofluoromethane	115	75 - 121
Toluene-d8 (Surr)	100	75 - 120

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: **OW-2**

Lab Sample ID: 680-32304-2
Client Matrix: Water

Date Sampled: 11/28/2007 1430
Date Received: 11/30/2007 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2007 1343
Date Prepared: 12/03/2007 1343

Analysis Batch: 680-92546

Instrument ID: GC/MS Volatiles - A
Lab File ID: a0649.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.29	1.0
1,1,1-Trichloroethane	1.0	U	0.39	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.26	1.0
1,1,2-Trichloroethane	1.0	U	0.51	1.0
1,1-Dichloroethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.36	1.0
1,1-Dichloropropene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.31	1.0
1,2,3-Trichloropropane	1.0	U	0.42	1.0
1,2,4-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trimethylbenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.48	1.0
1,2-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichloroethane	1.0	U	0.31	1.0
1,2-Dichloroethene, Total	2.0	U	0.63	2.0
1,2-Dichloropropane	1.0	U	0.36	1.0
1,3,5-Trimethylbenzene	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.31	1.0
1,3-Dichloropropane	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
2,2-Dichloropropane	1.0	U	0.35	1.0
2-Chloroethyl vinyl ether	10	U	0.57	10
2-Chlorotoluene	1.0	U	0.32	1.0
2-Hexanone	10	U	0.68	10
4-Chlorotoluene	1.0	U	0.33	1.0
Acetone	25	U	5.0	25
Benzene	1.0	U	0.32	1.0
Bromobenzene	1.0	U	0.34	1.0
Bromochloromethane	1.0	U	0.33	1.0
Bromoform	1.0	U	0.41	1.0
Bromodichloromethane	1.0	U	0.34	1.0
Bromomethane	1.0	U	0.50	1.0
Carbon disulfide	0.26	J B	0.17	2.0
Carbon tetrachloride	1.0	U	0.27	1.0
Chlorobenzene	1.0	U	0.34	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.33	1.0
cis-1,3-Dichloropropene	1.0	U	0.37	1.0
Dibromochloromethane	1.0	U	0.30	1.0
Dibromomethane	1.0	U	0.29	1.0
Dichlorodifluoromethane	1.0	U	0.33	1.0
Ethylbenzene	1.0	U	0.30	1.0

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: OW-2

Lab Sample ID: 680-32304-2
Client Matrix: Water

Date Sampled: 11/28/2007 1430
Date Received: 11/30/2007 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2007 1343
Date Prepared: 12/03/2007 1343

Analysis Batch: 680-92546

Instrument ID: GC/MS Volatiles - A
Lab File ID: a0649.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachlorobutadiene	1.0	U	0.33	1.0
Isopropylbenzene	1.0	U	0.27	1.0
m-Xylene & p-Xylene	2.0	U	0.53	2.0
Methyl tert-butyl ether	10	U	0.58	10
Methylene Chloride	5.0	U	1.0	5.0
Naphthalene	5.0	U	0.27	5.0
4-Methyl-2-pentanone	10	U	0.60	10
2-Butanone	10	U	0.60	10
1,2-Dibromoethane	1.0	U	0.30	1.0
n-Butylbenzene	1.0	U	0.33	1.0
N-Propylbenzene	1.0	U	0.34	1.0
o-Xylene	1.0	U	0.34	1.0
p-Isopropyltoluene	1.0	U	0.32	1.0
sec-Butylbenzene	1.0	U	0.29	1.0
Styrene	1.0	U	0.36	1.0
tert-Butylbenzene	1.0	U	0.30	1.0
Tetrachloroethene	1.0	U	0.28	1.0
Toluene	1.0	U	0.31	1.0
trans-1,2-Dichloroethene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.27	1.0
Trichloroethene	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.29	1.0
Vinyl acetate	2.0	U	0.62	2.0
Vinyl chloride	1.0	U	0.20	1.0
Xylenes, Total	2.0	U	0.87	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	75 - 120
Dibromofluoromethane	110	75 - 121
Toluene-d8 (Surr)	97	75 - 120

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: TB-112807

Lab Sample ID: 680-32304-3TB
Client Matrix: Water

Date Sampled: 11/28/2007 0000
Date Received: 11/30/2007 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2007 1247
Date Prepared: 12/03/2007 1247

Analysis Batch: 680-92546

Instrument ID: GC/MS Volatiles - A
Lab File ID: a0646.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.29	1.0
1,1,1-Trichloroethane	1.0	U	0.39	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.26	1.0
1,1,2-Trichloroethane	1.0	U	0.51	1.0
1,1-Dichloroethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.36	1.0
1,1-Dichloropropene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.31	1.0
1,2,3-Trichloropropane	1.0	U	0.42	1.0
1,2,4-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trimethylbenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.48	1.0
1,2-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichloroethane	1.0	U	0.31	1.0
1,2-Dichloroethene, Total	2.0	U	0.63	2.0
1,2-Dichloropropane	1.0	U	0.36	1.0
1,3,5-Trimethylbenzene	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.31	1.0
1,3-Dichloropropane	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
2,2-Dichloropropane	1.0	U	0.35	1.0
2-Chloroethyl vinyl ether	10	U	0.57	10
2-Chlorotoluene	1.0	U	0.32	1.0
2-Hexanone	10	U	0.68	10
4-Chlorotoluene	1.0	U	0.33	1.0
Acetone	25	U	5.0	25
Benzene	0.38	J	0.32	1.0
Bromobenzene	1.0	U	0.34	1.0
Bromochloromethane	1.0	U	0.33	1.0
Bromoform	1.0	U	0.41	1.0
Bromodichloromethane	1.0	U	0.34	1.0
Bromomethane	1.0	U	0.50	1.0
Carbon disulfide	0.25	J B	0.17	2.0
Carbon tetrachloride	1.0	U	0.27	1.0
Chlorobenzene	1.0	U	0.34	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.28	1.0
is-1,2-Dichloroethene	1.0	U	0.33	1.0
cis-1,3-Dichloropropene	1.0	U	0.37	1.0
Dibromochloromethane	1.0	U	0.30	1.0
Dibromomethane	1.0	U	0.29	1.0
Dichlorodifluoromethane	1.0	U	0.33	1.0
Ethylbenzene	1.0	U	0.30	1.0

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: TB-112807

Lab Sample ID: 680-32304-3TB
Client Matrix: Water

Date Sampled: 11/28/2007 0000
Date Received: 11/30/2007 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2007 1247
Date Prepared: 12/03/2007 1247

Analysis Batch: 680-92546

Instrument ID: GC/MS Volatiles - A
Lab File ID: a0646.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Hexachlorobutadiene	1.0	U	0.33	1.0
Isopropylbenzene	1.0	U	0.27	1.0
m-Xylene & p-Xylene	2.0	U	0.53	2.0
Methyl tert-butyl ether	10	U	0.58	10
Methylene Chloride	5.0	U	1.0	5.0
Naphthalene	5.0	U	0.27	5.0
4-Methyl-2-pentanone	10	U	0.60	10
2-Butanone	5.3	J	0.60	10
1,2-Dibromoethane	1.0	U	0.30	1.0
n-Butylbenzene	1.0	U	0.33	1.0
N-Propylbenzene	1.0	U	0.34	1.0
o-Xylene	1.0	U	0.34	1.0
p-Isopropyltoluene	1.0	U	0.32	1.0
sec-Butylbenzene	1.0	U	0.29	1.0
Styrene	1.0	U	0.36	1.0
tert-Butylbenzene	1.0	U	0.30	1.0
Tetrachloroethene	1.0	U	0.28	1.0
Toluene	1.0	U	0.31	1.0
trans-1,2-Dichloroethene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.27	1.0
Trichloroethene	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.29	1.0
Vinyl acetate	2.0	U	0.62	2.0
Vinyl chloride	1.0	U	0.20	1.0
Xylenes, Total	2.0	U	0.87	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	75 - 120
Dibromofluoromethane	111	75 - 121
Toluene-d8 (Surr)	98	75 - 120

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: **OW-1**

Lab Sample ID: 680-32304-1
Client Matrix: Water

Date Sampled: 11/28/2007 1045
Date Received: 11/30/2007 0905

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/05/2007 1759
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4175.d
Initial Weight/Volume: 980 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	0.60	10
2-Chlorophenol	10	U	1.0	10
1,3-Dichlorobenzene	10	U	0.51	10
1,4-Dichlorobenzene	10	U	0.51	10
1,2-Dichlorobenzene	10	U	0.51	10
2-Methylphenol	10	U	0.65	10
N-Nitrosodi-n-propylamine	10	U	0.51	10
Hexachloroethane	10	U	0.51	10
Nitrobenzene	10	U	0.51	10
Isophorone	10	U	0.51	10
2-Nitrophenol	10	U	5.1	10
2,4-Dimethylphenol	10	U	1.1	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
2,4-Dichlorophenol	10	U	1.0	10
1,2,4-Trichlorobenzene	10	U	0.72	10
Naphthalene	10	U	0.51	10
4-Chloroaniline	20	U	4.9	20
Hexachlorobutadiene	10	U	5.1	10
4-Chloro-3-methylphenol	10	U	0.53	10
2-Methylnaphthalene	10	U	0.51	10
Hexachlorocyclopentadiene	10	U	5.1	10
2,4,6-Trichlorophenol	10	U	0.51	10
2,4,5-Trichlorophenol	10	U	0.82	10
2-Chloronaphthalene	10	U	0.51	10
2-Nitroaniline	51	U	5.1	51
Dimethyl phthalate	10	U	5.1	10
Acenaphthylene	10	U	0.51	10
3-Nitroaniline	51	U	2.9	51
Acenaphthene	10	U	0.51	10
2,4-Dinitrophenol	51	U	10	51
4-Nitrophenol	51	U	10	51
Dibenzofuran	10	U	0.51	10
2,4-Dinitrotoluene	10	U	0.51	10
2,6-Dinitrotoluene	10	U	0.51	10
3 & 4 Methylphenol	10	U	1.0	10
Diethyl phthalate	10	U	0.51	10
4-Chlorophenyl phenyl ether	10	U	1.0	10
Fluorene	10	U	0.51	10
4-Nitroaniline	51	U	2.0	51
4,6-Dinitro-2-methylphenol	51	U	5.1	51
N-Nitrosodiphenylamine	10	U	0.74	10
4-Bromophenyl phenyl ether	10	U	0.51	10
Hexachlorobenzene	10	U	0.51	10

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: OW-1

Lab Sample ID: 680-32304-1
Client Matrix: Water

Date Sampled: 11/28/2007 1045
Date Received: 11/30/2007 0905

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/05/2007 1759
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4175.d
Initial Weight/Volume: 980 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	51	U	5.1	51
Phenanthrene	10	U	0.51	10
Anthracene	10	U	0.51	10
Di-n-butyl phthalate	10	U	0.51	10
Fluoranthene	10	U	0.51	10
Pyrene	10	U	0.51	10
Butyl benzyl phthalate	10	U	0.76	10
3,3'-Dichlorobenzidine	20	U	3.3	20
Benzo[a]anthracene	10	U	0.51	10
Bis(2-ethylhexyl) phthalate	10	U	0.96	10
Chrysene	10	U	0.51	10
Di-n-octyl phthalate	10	U	0.78	10
Benzo[b]fluoranthene	10	U	0.68	10
Benzo[k]fluoranthene	10	U	0.51	10
Benzo[a]pyrene	10	U	0.51	10
Indeno[1,2,3-cd]pyrene	10	U	0.88	10
Dibenz(a,h)anthracene	10	U	0.51	10
Benzo[g,h,i]perylene	10	U	0.68	10
Carbazole	10	U	0.51	10
bis(chloroisopropyl) ether	10	U	0.51	10

Surrogate	%Rec	Acceptance Limits
Phenol-d5	63	38 - 116
2-Fluorophenol	62	36 - 110
2,4,6-Tribromophenol	104	40 - 139
Nitrobenzene-d5	72	45 - 112
2-Fluorobiphenyl	74	50 - 113
Terphenyl-d14	39	10 - 121

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: **OW-2**

Lab Sample ID: 680-32304-2
Client Matrix: Water

Date Sampled: 11/28/2007 1430
Date Received: 11/30/2007 0905

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/05/2007 1821
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4176.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	10	U	0.50	10
Bis(2-chloroethyl)ether	10	U	0.59	10
2-Chlorophenol	10	U	1.0	10
1,3-Dichlorobenzene	10	U	0.50	10
1,4-Dichlorobenzene	10	U	0.50	10
1,2-Dichlorobenzene	10	U	0.50	10
2-Methylphenol	10	U	0.64	10
N-Nitrosodi-n-propylamine	10	U	0.50	10
Hexachloroethane	10	U	0.50	10
Nitrobenzene	10	U	0.50	10
Isophorone	10	U	0.50	10
2-Nitrophenol	10	U	5.0	10
2,4-Dimethylphenol	10	U	1.1	10
Bis(2-chloroethoxy)methane	10	U	0.50	10
2,4-Dichlorophenol	10	U	1.0	10
1,2,4-Trichlorobenzene	10	U	0.71	10
Naphthalene	10	U	0.50	10
4-Chloroaniline	20	U	4.8	20
Hexachlorobutadiene	10	U	5.0	10
4-Chloro-3-methylphenol	10	U	0.52	10
2-Methylnaphthalene	10	U	0.50	10
Hexachlorocyclopentadiene	10	U	5.0	10
2,4,6-Trichlorophenol	10	U	0.50	10
2,4,5-Trichlorophenol	10	U	0.80	10
2-Chloronaphthalene	10	U	0.50	10
2-Nitroaniline	50	U	5.0	50
Dimethyl phthalate	10	U	5.0	10
Acenaphthylene	10	U	0.50	10
3-Nitroaniline	50	U	2.8	50
Acenaphthene	10	U	0.50	10
2,4-Dinitrophenol	50	U	10	50
4-Nitrophenol	50	U	10	50
Dibenzofuran	10	U	0.50	10
2,4-Dinitrotoluene	10	U	0.50	10
2,6-Dinitrotoluene	10	U	0.50	10
3 & 4 Methylphenol	10	U	1.0	10
Diethyl phthalate	10	U	0.50	10
4-Chlorophenyl phenyl ether	10	U	1.0	10
luorene	10	U	0.50	10
+-Nitroaniline	50	U	2.0	50
4,6-Dinitro-2-methylphenol	50	U	5.0	50
N-Nitrosodiphenylamine	10	U	0.73	10
4-Bromophenyl phenyl ether	10	U	0.50	10
Hexachlorobenzene	10	U	0.50	10

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: OW-2

Lab Sample ID: 680-32304-2
Client Matrix: Water

Date Sampled: 11/28/2007 1430
Date Received: 11/30/2007 0905

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

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/05/2007 1821
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4176.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	50	U	5.0	50
Phenanthrene	10	U	0.50	10
Anthracene	10	U	0.50	10
Di-n-butyl phthalate	10	U	0.50	10
Fluoranthene	10	U	0.50	10
Pyrene	10	U	0.50	10
Butyl benzyl phthalate	10	U	0.74	10
3,3'-Dichlorobenzidine	20	U	3.2	20
Benzo[a]anthracene	10	U	0.50	10
Bis(2-ethylhexyl) phthalate	10	U	0.94	10
Chrysene	10	U	0.50	10
Di-n-octyl phthalate	10	U	0.76	10
Benzo[b]fluoranthene	10	U	0.67	10
Benzo[k]fluoranthene	10	U	0.50	10
Benzo[a]pyrene	10	U	0.50	10
Indeno[1,2,3-cd]pyrene	10	U	0.86	10
Dibenz(a,h)anthracene	10	U	0.50	10
Benzo[g,h,i]perylene	10	U	0.67	10
Carbazole	10	U	0.50	10
bis(chloroisopropyl) ether	10	U	0.50	10

Surrogate	%Rec	Acceptance Limits
Phenol-d5	73	38 - 116
2-Fluorophenol	69	36 - 110
2,4,6-Tribromophenol	104	40 - 139
Nitrobenzene-d5	82	45 - 112
2-Fluorobiphenyl	75	50 - 113
Terphenyl-d14	38	10 - 121

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: **OW-1**

Lab Sample ID: 680-32304-1
Client Matrix: Water

Date Sampled: 11/28/2007 1045
Date Received: 11/30/2007 0905

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/05/2007 0116
Date Prepared: 12/04/2007 1140

Analysis Batch: 680-92716
Prep Batch: 680-92602

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

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	3.4	J	2.3	10
Barium	23		2.0	10
Cadmium	5.0	U	0.72	5.0
Chromium	1.3	J	1.1	10
Lead	5.0	U	2.1	5.0
Selenium	10	U	5.5	10
Silver	10	U	0.70	10

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 12/11/2007 1152
Date Prepared: 12/10/2007 1424

Analysis Batch: 680-93296
Prep Batch: 680-93141

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.080	0.20

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Client Sample ID: **OW-2**

Lab Sample ID: 680-32304-2
Client Matrix: Water

Date Sampled: 11/28/2007 1430
Date Received: 11/30/2007 0905

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/05/2007 0150
Date Prepared: 12/04/2007 1140

Analysis Batch: 680-92716
Prep Batch: 680-92602

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

Analyte	Result (ug/L)	Qualifier	MDL	RL
Arsenic	4.5	J	2.3	10
Barium	28		2.0	10
Cadmium	5.0	U	0.72	5.0
Chromium	2.1	J	1.1	10
Lead	5.0	U	2.1	5.0
Selenium	10	U	5.5	10
Silver	10	U	0.70	10

7470A Mercury In Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 12/11/2007 1155
Date Prepared: 12/10/2007 1424

Analysis Batch: 680-93296
Prep Batch: 680-93141

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.080	0.20

DATA REPORTING QUALIFIERS

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Method Blank - Batch: 680-92546

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92546/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1138
Date Prepared: 12/03/2007 1138

Analysis Batch: 680-92546
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq040.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.29	1.0
1,1,1-Trichloroethane	1.0	U	0.39	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.26	1.0
1,1,2-Trichloroethane	1.0	U	0.51	1.0
1,1-Dichloroethane	1.0	U	0.32	1.0
1,1-Dichloroethene	1.0	U	0.36	1.0
1,1-Dichloropropene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.31	1.0
1,2,3-Trichloropropane	1.0	U	0.42	1.0
1,2,4-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trimethylbenzene	1.0	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.48	1.0
1,2-Dichlorobenzene	1.0	U	0.33	1.0
1,2-Dichloroethane	1.0	U	0.31	1.0
1,2-Dichloroethene, Total	2.0	U	0.63	2.0
1,2-Dichloropropane	1.0	U	0.36	1.0
1,3,5-Trimethylbenzene	1.0	U	0.28	1.0
1,3-Dichlorobenzene	1.0	U	0.31	1.0
1,3-Dichloropropane	1.0	U	0.33	1.0
1,4-Dichlorobenzene	1.0	U	0.33	1.0
2,2-Dichloropropane	1.0	U	0.35	1.0
2-Chloroethyl vinyl ether	10	U	0.57	10
2-Chlorotoluene	1.0	U	0.32	1.0
2-Hexanone	10	U	0.68	10
4-Chlorotoluene	1.0	U	0.33	1.0
Acetone	25	U	5.0	25
Benzene	1.0	U	0.32	1.0
Bromobenzene	1.0	U	0.34	1.0
Bromochloromethane	1.0	U	0.33	1.0
Bromoform	1.0	U	0.41	1.0
Bromodichloromethane	1.0	U	0.34	1.0
Bromomethane	1.0	U	0.50	1.0
Carbon disulfide	0.25	J	0.17	2.0
Carbon tetrachloride	1.0	U	0.27	1.0
Chlorobenzene	1.0	U	0.34	1.0
Chloroethane	1.0	U	1.0	1.0
Chloroform	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.33	1.0
cis-1,3-Dichloropropene	1.0	U	0.37	1.0
Dibromochloromethane	1.0	U	0.30	1.0

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

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Method Blank - Batch: 680-92546

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92546/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1138
Date Prepared: 12/03/2007 1138

Analysis Batch: 680-92546
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq040.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dibromomethane	1.0	U	0.29	1.0
Dichlorodifluoromethane	1.0	U	0.33	1.0
Ethylbenzene	1.0	U	0.30	1.0
Hexachlorobutadiene	0.52	J	0.33	1.0
Isopropylbenzene	1.0	U	0.27	1.0
m-Xylene & p-Xylene	2.0	U	0.53	2.0
Methyl tert-butyl ether	10	U	0.58	10
Methylene Chloride	5.0	U	1.0	5.0
Naphthalene	5.0	U	0.27	5.0
4-Methyl-2-pentanone	10	U	0.60	10
2-Butanone	10	U	0.60	10
1,2-Dibromoethane	1.0	U	0.30	1.0
n-Butylbenzene	1.0	U	0.33	1.0
N-Propylbenzene	1.0	U	0.34	1.0
o-Xylene	1.0	U	0.34	1.0
p-Isopropyltoluene	1.0	U	0.32	1.0
sec-Butylbenzene	1.0	U	0.29	1.0
Styrene	1.0	U	0.36	1.0
tert-Butylbenzene	1.0	U	0.30	1.0
Tetrachloroethene	1.0	U	0.28	1.0
Toluene	1.0	U	0.31	1.0
trans-1,2-Dichloroethene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.27	1.0
Trichloroethene	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.29	1.0
Vinyl acetate	2.0	U	0.62	2.0
Vinyl chloride	1.0	U	0.20	1.0
Xylenes, Total	2.0	U	0.87	2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	75 - 120
Dibromofluoromethane	112	75 - 121
Toluene-d8 (Surr)	103	75 - 120

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

Quality Control Results

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Lab Control Spike - Batch: 680-92546

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-92546/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1013
Date Prepared: 12/03/2007 1013

Analysis Batch: 680-92546
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq036.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	50.0	56.6	113	81 - 128	
1,1,1-Trichloroethane	50.0	51.4	103	76 - 127	
1,1,2,2-Tetrachloroethane	50.0	51.6	103	69 - 129	
1,1,2-Trichloroethane	50.0	56.4	113	75 - 121	
1,1-Dichloroethane	50.0	53.9	108	74 - 127	
1,1-Dichloroethene	50.0	47.5	95	62 - 141	
1,1-Dichloropropene	50.0	49.3	99	77 - 122	
1,2,3-Trichlorobenzene	50.0	44.3	89	60 - 132	
1,2,3-Trichloropropane	50.0	54.3	109	70 - 130	
1,2,4-Trichlorobenzene	50.0	42.4	85	60 - 135	
1,2,4-Trimethylbenzene	50.0	49.2	98	72 - 132	
1,2-Dibromo-3-Chloropropane	50.0	41.0	82	49 - 140	
1,2-Dichlorobenzene	50.0	56.1	112	79 - 124	
1,2-Dichloroethane	50.0	55.1	110	66 - 132	
1,2-Dichloroethene, Total	100	98.9	99	68 - 134	
1,2-Dichloropropane	50.0	55.9	112	73 - 124	
1,3,5-Trimethylbenzene	50.0	48.1	96	72 - 133	
1,3-Dichlorobenzene	50.0	47.9	96	78 - 125	
1,3-Dichloropropane	50.0	54.4	109	75 - 120	
1,4-Dichlorobenzene	50.0	48.8	98	81 - 122	
2,2-Dichloropropane	50.0	51.2	102	55 - 157	
2-Chloroethyl vinyl ether	100	105	105	34 - 158	
2-Chlorotoluene	50.0	49.1	98	82 - 123	
2-Hexanone	100	87.7	88	34 - 161	
4-Chlorotoluene	50.0	50.0	100	83 - 122	
Acetone	100	89.1	89	17 - 175	
Benzene	50.0	54.0	108	77 - 119	
Bromobenzene	50.0	48.4	97	80 - 124	
Bromochloromethane	50.0	52.0	104	10 - 150	
Bromoform	50.0	56.1	112	62 - 133	
Bromodichloromethane	50.0	57.7	115	78 - 127	
Bromomethane	50.0	45.0	90	12 - 184	
Carbon disulfide	50.0	40.5	81	55 - 131	B
Carbon tetrachloride	50.0	52.1	104	71 - 135	
Chlorobenzene	50.0	54.8	110	85 - 116	
Chloroethane	50.0	42.1	84	40 - 165	
Chloroform	50.0	55.7	111	82 - 120	
Chloromethane	50.0	41.2	82	48 - 142	
cis-1,2-Dichloroethene	50.0	54.9	110	69 - 134	
cis-1,3-Dichloropropene	50.0	52.5	105	76 - 126	
Dibromochloromethane	50.0	56.5	113	75 - 133	

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

Quality Control Results

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Lab Control Spike - Batch: 680-92546

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-92546/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1013
Date Prepared: 12/03/2007 1013

Analysis Batch: 680-92546
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq036.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromomethane	50.0	55.4	111	78 - 119	
Dichlorodifluoromethane	50.0	40.4	81	34 - 154	
Ethylbenzene	50.0	47.2	94	86 - 116	
Hexachlorobutadiene	50.0	48.7	97	62 - 142	B
Isopropylbenzene	50.0	47.5	95	82 - 121	
m-Xylene & p-Xylene	100	97.5	97	83 - 118	
Methyl tert-butyl ether	100	105	105	77 - 121	
Methylene Chloride	50.0	43.9	88	70 - 125	
Naphthalene	50.0	42.5	85	48 - 135	
4-Methyl-2-pentanone	100	115	115	40 - 151	
2-Butanone	100	92.9	93	33 - 157	
1,2-Dibromoethane	50.0	54.2	108	80 - 121	
n-Butylbenzene	50.0	47.2	94	64 - 136	
N-Propylbenzene	50.0	49.3	99	80 - 126	
o-Xylene	50.0	48.5	97	83 - 119	
p-Isopropyltoluene	50.0	48.7	97	63 - 139	
sec-Butylbenzene	50.0	49.4	99	77 - 126	
Styrene	50.0	48.1	96	82 - 122	
tert-Butylbenzene	50.0	47.1	94	80 - 124	
Tetrachloroethene	50.0	50.0	100	76 - 126	
Toluene	50.0	51.2	102	81 - 117	
trans-1,2-Dichloroethene	50.0	44.0	88	72 - 131	
trans-1,3-Dichloropropene	50.0	53.7	107	73 - 128	
Trichloroethene	50.0	49.2	98	84 - 115	
Trichlorofluoromethane	50.0	43.2	86	58 - 149	
Vinyl acetate	100	126	126	10 - 217	
Vinyl chloride	50.0	37.3	75	59 - 144	
Xylenes, Total	150	146	97	84 - 118	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	75 - 120
Dibromofluoromethane	102	75 - 121
Toluene-d8 (Surr)	99	75 - 120

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

Quality Control Results

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Method Blank - Batch: 680-92506

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-92506/9-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2007 1207
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4159.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	10	U	0.50	10
Bis(2-chloroethyl)ether	10	U	0.59	10
2-Chlorophenol	10	U	1.0	10
1,3-Dichlorobenzene	10	U	0.50	10
1,4-Dichlorobenzene	10	U	0.50	10
1,2-Dichlorobenzene	10	U	0.50	10
2-Methylphenol	10	U	0.64	10
N-Nitrosodi-n-propylamine	10	U	0.50	10
Hexachloroethane	10	U	0.50	10
Nitrobenzene	10	U	0.50	10
Isophorone	10	U	0.50	10
2-Nitrophenol	10	U	5.0	10
2,4-Dimethylphenol	10	U	1.1	10
Bis(2-chloroethoxy)methane	10	U	0.50	10
2,4-Dichlorophenol	10	U	1.0	10
1,2,4-Trichlorobenzene	10	U	0.71	10
Naphthalene	10	U	0.50	10
4-Chloroaniline	20	U	4.8	20
Hexachlorobutadiene	10	U	5.0	10
4-Chloro-3-methylphenol	10	U	0.52	10
2-Methylnaphthalene	10	U	0.50	10
Hexachlorocyclopentadiene	10	U	5.0	10
2,4,6-Trichlorophenol	10	U	0.50	10
2,4,5-Trichlorophenol	10	U	0.80	10
2-Chloronaphthalene	10	U	0.50	10
2-Nitroaniline	50	U	5.0	50
Dimethyl phthalate	10	U	5.0	10
Acenaphthylene	10	U	0.50	10
3-Nitroaniline	50	U	2.8	50
Acenaphthene	10	U	0.50	10
2,4-Dinitrophenol	50	U	10	50
4-Nitrophenol	50	U	10	50
Dibenzofuran	10	U	0.50	10
2,4-Dinitrotoluene	10	U	0.50	10
2,6-Dinitrotoluene	10	U	0.50	10
3 & 4 Methylphenol	10	U	1.0	10
Diethyl phthalate	10	U	0.50	10
4-Chlorophenyl phenyl ether	10	U	1.0	10
Fluorene	10	U	0.50	10
4-Nitroaniline	50	U	2.0	50
4,6-Dinitro-2-methylphenol	50	U	5.0	50

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

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Method Blank - Batch: 680-92506

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-92506/9-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2007 1207
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4159.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	10	U	0.73	10
4-Bromophenyl phenyl ether	10	U	0.50	10
Hexachlorobenzene	10	U	0.50	10
Pentachlorophenol	50	U	5.0	50
Phenanthrene	10	U	0.50	10
Anthracene	10	U	0.50	10
Di-n-butyl phthalate	10	U	0.50	10
Fluoranthene	10	U	0.50	10
Pyrene	10	U	0.50	10
Butyl benzyl phthalate	10	U	0.74	10
3,3'-Dichlorobenzidine	20	U	3.2	20
Benzo[a]anthracene	10	U	0.50	10
Bis(2-ethylhexyl) phthalate	10	U	0.94	10
Chrysene	10	U	0.50	10
Di-n-octyl phthalate	10	U	0.76	10
Benzo[b]fluoranthene	10	U	0.67	10
Benzo[k]fluoranthene	10	U	0.50	10
Benzo[a]pyrene	10	U	0.50	10
Indeno[1,2,3-cd]pyrene	10	U	0.86	10
Dibenz(a,h)anthracene	10	U	0.50	10
Benzo[g,h,i]perylene	10	U	0.67	10
Carbazole	10	U	0.50	10
bis(chloroisopropyl) ether	10	U	0.50	10

Surrogate	% Rec	Acceptance Limits
Phenol-d5	73	38 - 116
2-Fluorophenol	72	36 - 110
2,4,6-Tribromophenol	92	40 - 139
Nitrobenzene-d5	73	45 - 112
2-Fluorobiphenyl	76	50 - 113
Terphenyl-d14	92	10 - 121

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

Quality Control Results

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Lab Control Spike - Batch: 680-92506

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-92506/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2007 1251
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4161.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	100	72.8	73	39 - 110	
Bis(2-chloroethyl)ether	100	73.9	74	43 - 110	
2-Chlorophenol	100	80.5	80	47 - 110	
1,3-Dichlorobenzene	100	76.0	76	36 - 110	
1,4-Dichlorobenzene	100	78.6	79	38 - 110	
1,2-Dichlorobenzene	100	78.7	79	39 - 110	
2-Methylphenol	100	76.1	76	46 - 110	
N-Nitrosodi-n-propylamine	100	83.9	84	45 - 112	
Hexachloroethane	100	79.7	80	33 - 110	
Nitrobenzene	100	83.6	84	46 - 110	
Isophorone	100	81.9	82	50 - 111	
2-Nitrophenol	100	95.4	95	42 - 120	
2,4-Dimethylphenol	100	73.4	73	36 - 110	
Bis(2-chloroethoxy)methane	100	85.6	86	50 - 112	
2,4-Dichlorophenol	100	86.9	87	46 - 115	
1,2,4-Trichlorobenzene	100	79.6	80	41 - 110	
Naphthalene	100	81.8	82	41 - 110	
4-Chloroaniline	100	37.1	37	10 - 110	
Hexachlorobutadiene	100	84.3	84	40 - 110	
4-Chloro-3-methylphenol	100	91.9	92	46 - 118	
2-Methylnaphthalene	100	81.2	81	46 - 110	
Hexachlorocyclopentadiene	100	49.6	50	10 - 110	
2,4,6-Trichlorophenol	100	96.0	96	46 - 120	
2,4,5-Trichlorophenol	100	96.7	97	47 - 122	
2-Chloronaphthalene	100	86.6	87	47 - 110	
2-Nitroaniline	100	96.7	97	45 - 122	
Dimethyl phthalate	100	94.1	94	50 - 116	
Acenaphthylene	100	88.0	88	51 - 112	
3-Nitroaniline	100	69.2	69	30 - 116	
Acenaphthene	100	83.7	84	45 - 117	
2,4-Dinitrophenol	100	143	143	10 - 189	
4-Nitrophenol	100	87.3	87	30 - 122	
Dibenzofuran	100	84.0	84	50 - 112	
2,4-Dinitrotoluene	100	104	104	49 - 128	
2,6-Dinitrotoluene	100	105	105	45 - 131	
3 & 4 Methylphenol	100	79.2	79	43 - 110	
Diethyl phthalate	100	95.7	96	51 - 119	
4-Chlorophenyl phenyl ether	100	81.9	82	46 - 114	
Fluorene	100	84.2	84	50 - 115	
4-Nitroaniline	100	86.3	86	36 - 125	
4,6-Dinitro-2-methylphenol	100	134	134	29 - 167	

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

Quality Control Results

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Lab Control Spike - Batch: 680-92506

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-92506/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2007 1251
Date Prepared: 12/03/2007 1215

Analysis Batch: 680-92802
Prep Batch: 680-92506
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t4161.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodiphenylamine	100	88.2	88	47 - 119	
4-Bromophenyl phenyl ether	100	76.2	76	42 - 110	
Hexachlorobenzene	100	84.4	84	48 - 119	
Pentachlorophenol	100	91.9	92	37 - 132	
Phenanthrene	100	84.6	85	52 - 117	
Anthracene	100	81.5	82	52 - 116	
Di-n-butyl phthalate	100	83.0	83	49 - 123	
Fluoranthene	100	81.5	81	50 - 120	
Pyrene	100	79.9	80	52 - 125	
Butyl benzyl phthalate	100	86.0	86	52 - 135	
3,3'-Dichlorobenzidine	100	46.9	47	10 - 113	
Benzo[a]anthracene	100	76.3	76	49 - 124	
Bis(2-ethylhexyl) phthalate	100	81.1	81	47 - 134	
Chrysene	100	79.3	79	51 - 123	
Di-n-octyl phthalate	100	78.7	79	44 - 134	
Benzo[b]fluoranthene	100	83.9	84	46 - 126	
Benzo[k]fluoranthene	100	77.6	78	47 - 126	
Benzo[a]pyrene	100	74.4	74	48 - 120	
Indeno[1,2,3-cd]pyrene	100	77.5	77	40 - 126	
Dibenz(a,h)anthracene	100	81.7	82	46 - 124	
Benzo[g,h,i]perylene	100	79.2	79	51 - 117	
Carbazole	100	90.7	91	53 - 118	
bis(chloroisopropyl) ether	100	74.2	74	42 - 110	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	86	38 - 116
2-Fluorophenol	79	36 - 110
2,4,6-Tribromophenol	115	40 - 139
Nitrobenzene-d5	95	45 - 112
2-Fluorobiphenyl	96	50 - 113
Terphenyl-d14	100	10 - 121

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

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Method Blank - Batch: 680-92602

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-92602/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2007 0036
Date Prepared: 12/04/2007 1140

Analysis Batch: 680-92716
Prep Batch: 680-92602
Units: ug/L

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

Analyte	Result	Qual	MDL	RL
Arsenic	10	U	2.3	10
Barium	10	U	2.0	10
Cadmium	5.0	U	0.72	5.0
Chromium	10	U	1.1	10
Lead	5.0	U	2.1	5.0
Selenium	10	U	5.5	10
Silver	10	U	0.70	10

Lab Control Spike - Batch: 680-92602

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-92602/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2007 0041
Date Prepared: 12/04/2007 1140

Analysis Batch: 680-92716
Prep Batch: 680-92602
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2000	2030	101	75 - 125	
Barium	2000	2090	104	75 - 125	
Cadmium	50.0	51.9	104	75 - 125	
Chromium	200	210	105	75 - 125	
Lead	500	512	102	75 - 125	
Selenium	2000	2040	102	75 - 125	
Silver	50.0	51.9	104	75 - 125	

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

Quality Control Results

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-92602

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	680-32304-1	Analysis Batch: 680-92716	Instrument ID: ICP/AES
Client Matrix:	Water	Prep Batch: 680-92602	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	12/05/2007 0140		Final Weight/Volume: 50 mL
Date Prepared:	12/04/2007 1140		

MSD Lab Sample ID:	680-32304-1	Analysis Batch: 680-92716	Instrument ID: ICP/AES
Client Matrix:	Water	Prep Batch: 680-92602	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	12/05/2007 0145		Final Weight/Volume: 50 mL
Date Prepared:	12/04/2007 1140		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	100	101	75 - 125	2	20		
Barium	102	104	75 - 125	2	20		
Cadmium	101	100	75 - 125	0	20		
Chromium	103	104	75 - 125	2	20		
Lead	99	100	75 - 125	1	20		
Selenium	100	101	75 - 125	1	20		
Silver	103	105	75 - 125	2	20		

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

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Method Blank - Batch: 680-93141

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 680-93141/20-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/11/2007 1144
Date Prepared: 12/10/2007 1424

Analysis Batch: 680-93296
Prep Batch: 680-93141
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.080	0.20

Lab Control Spike - Batch: 680-93141

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 680-93141/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/11/2007 1147
Date Prepared: 12/10/2007 1424

Analysis Batch: 680-93296
Prep Batch: 680-93141
Units: ug/L

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.50	2.44	98	80 - 120	

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

Serial Number 96686

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

○ STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NGTC	2182.0293	GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Kathy Smith		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
William Fleck	(770)825-7100	
CLIENT NAME	CLIENT E-MAIL	
TetraTech EC		
CLIENT ADDRESS		
302 Research Drive Norcross, GA 30092		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOCs	REQUIRED ANALYSIS: SVOCs	REQUIRED ANALYSIS: RCRA metals	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2007 11/28	1045	OW-1	G	X				X	X	X		
11/28	1430	OW-2	G	X				X	X	X		
		TB-112807										

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	11/30/07	0405						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	11/30/07	0405	YES ○ NO ○		680-32304	3.3°C

STL 8240-680 (12/02)

Login Sample Receipt Check List

Client: Tetra Tech EC, Inc.

Job Number: 680-32304-1

Login Number: 32304
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
ıple collection date/times are provided.	True	
, propriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	