August 26, 2009

Gregg A. Townsend, P.E.
Regional Hazardous Waste
Remediation Engineer
New York State Department of Environmental Conservation
Region 7
615 Erie Boulevard West
Syracuse, NY 13204-2400

Re: Fire Water Reservoir – Pre-Design Investigation
Emerson Power Transmission, Ithaca, New York
Order on Consent #A7-0125-87-09

Dear Mr. Townsend:

Enclosed please find four copies of the Supplemental Pre-Design Investigation Report for the Emerson Power Transmission (EPT) site in Ithaca, New York. The supplemental pre-design investigation was conducted during a scheduled two week production shutdown of the facility in June 2009. The report details the scope and results of the investigation.

Please feel free to contact me at 703-709-6500 if you have any questions.

Sincerely yours,

James P Bulman

James P. Bulman
Senior Vice President

JPB:bdw
K:\emerson\ithaca_080074\Task 05 Sewer AA\Reporting\080074_trans letter sewer AA.doc

Enclosure

cc/encl.: Derek E. Chase
Susan Shearer, NYSDOH

WSP Environment & Energy
11190 Sunrise Valley Drive, Suite 300
Reston, VA 20191
Tel: (703) 709-6500
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www.wspenvironmental.com

SUPPLEMENTAL PRE-DESIGN INVESTIGATION
FIRE WATER RESERVOIR – SOUTH TANK
EMERSON POWER TRANSMISSION FACILITY
ITHACA, NEW YORK
AUGUST 26, 2009

Site No. 7-55-010

WSP Engineering of New York, P.C.
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1 Introduction

1.1 GENERAL

On behalf of Emerson Electric Co. and its subsidiary, Emerson Power Transmission Corp. (EPT), WSP Environment & Energy, conducted a supplemental pre-design investigation below the south tank of the fire water reservoir at the EPT site in Ithaca, New York (the site). The objective of the investigation was to obtain data for evaluating possible supplemental treatment technologies for the area around the reservoir including whether the reservoir was constructed directly on bedrock or whether fill material is present below and the concentrations of volatile organic compounds (VOCs) in groundwater directly below the reservoir. This report details the scope and results of the investigation.

The supplemental pre-design investigation was conducted during a scheduled two week production shutdown of the facility in June 2009. The scope of the investigation included the following:

- Dewatering the fire water reservoir
- Installing and constructing five monitoring points through the south tank of the fire water reservoir
- Repairing the liner
- Re-filling the reservoir
- Developing and sampling the five installed monitoring points

This report has been prepared in accordance with an Administrative Order on Consent (Index #A7-0125-87-09) entered into by the New York State Department of Environmental Conservation (NYSDEC) and EPT on July 13, 1987.

1.2 DESCRIPTION OF FIREWATER RESERVOIR

The fire water reservoir has a capacity of 200,000 gallons and consists of two compartments, a north tank and a south tank. Each compartment is 33 feet long, 31 feet wide, and approximately 19 feet deep. The reservoir is constructed 7 feet into bedrock (Figure 1). Shallow fractured bedrock in the area is encountered at approximately 12 feet below ground surface (bgs) and groundwater surrounding the fire water reservoir is encountered from approximately 10 to 15 feet bgs. The two tanks are constructed of reinforced concrete and are located below a portion of Building 18, which is the former paint shop building. The concrete slab covering the top of the reservoir is supported by columns and is approximately 6 inches thick. The base of the reservoir varies in thickness from 2 to 6 inches and is constructed on a thin layer of fill material and bedrock. There is an opening near the base of the wall between the tanks that allows water to flow into each tank and equilibrate. A 6- to 8-inch suction line extends along the east wall of the north tank and is connected to the facility's fire suppression pump located in the adjacent boiler house.

2 Scope of Work

This section describes the scope of work completed to evaluate conditions below the south tank of the fire water reservoir.

2.1 DEWATERING

The fire water reservoir was emptied between June 15 and June 22, 2009. An electric submersible pump was used to dewater the reservoir. The pump was positioned in the south tank and water was pumped to a catch basin located east of the reservoir which drained to storm water outfall 001 located south of the reservoir. Approximately 150,000 gallons of water was pumped to outfall 001 at an average flow rate of 35 gallons per minute.

Personnel conducting this work had confined space entry training and the required confined space entry permits were in place.

2.2 MONITORING POINT INSTALLATION AND SAMPLING

Between June 23, 2009, and June 25, 2009, five monitoring points were constructed through the south tank of the fire water reservoir (Figure 2). At each sampling location the 6-inch concrete slab covering the top of the reservoir was cored with an electric coring machine equipped with a 6.25-inch inside diameter coring bit. Next, a plumb-bob was lowered through the core opening to locate the vertical match point on the base of the reservoir. After each point was located and marked and a 2-foot by 2-foot section of the membrane liner was cut around each location to access the concrete slab, a coring machine equipped with a 6.25-inch inside diameter coring bit was used to core a hole through the concrete base, which ranged from 2 to 6 inches thick. All concrete cores were labeled and sealed in plastic. The cores are currently stored onsite.

The monitoring points were designated MP-1 through MP-5 as shown in Figure 2. At monitoring points MP-1, MP-2, and MP-4 fill material was encountered below the slab. Three inches of soil and bedrock fragments were encountered at MP-1. At MP-2, a 4-inch gravel layer was encountered and at MP-4 5 inches of silty clay material were encountered. Samples of the material were collected in 4-oz. glass jars, labeled, packed on ice, and shipped under chain of custody to Test America Laboratory in Amherst, New York, for analysis of VOCs using U.S. Environmental Protection Agency (EPA) Method 8260. Competent bedrock was encountered directly below the concrete slab at monitoring points MP-3 and MP-5.

Because competent bedrock was encountered immediately below the concrete slab at monitoring points MP-3 and MP-5, a secondary 2-inch inner core was drilled 4 to 6 inches into the underlying bedrock material to allow groundwater to flow into the points. Once the coring work was completed, a portable cat-head was used at the top of the reservoir to hold and lower sections of 4-inch steel casing into place at each monitoring point location. Twenty feet of casing was used to construct each monitoring point, as showing in the schematic in Figure 2. The bottom of each casing was notched prior to installation to allow groundwater to flow into the monitoring points. The casing was then fitted with a 4-inch nitrile link-seal to fasten and seal the steel casing to concrete base of the reservoir. Casing material was lowered into the reservoir and extended through the 6-inch open core location, and sealed with the link seal and quick set grout. The monitoring points were completed as stick-up fitted with watertight lockable caps. Information on the construction of each monitoring point was recorded in a field notebook and photographs of the installation procedures are included in Appendix A.

A vacuum truck was used to remove the residual water within the reservoir, as well as water that entered the core holes during construction of the monitoring points. The water in the vacuum truck was

temporarily staged in the groundwater treatment building. Prior to treatment, two samples of the water were collected and analyzed for VOCs using EPA Method 8260. Total VOC concentrations were 10,995 micrograms per liter (μg/l) and 164 μg/l (Table 2). Trichloroethene (TCE) was the primary VOC detected and the concentrations were 8,100 μg/l and 110 μg/l. Following sample collection, the water was treated in the onsite treatment system.

Because a light sheen was observed during the coring of monitoring points MP-1 and MP-5, two grab samples were collected immediately following the installation on June 26, 2009 and submitted to Test America Laboratory in Amherst, New York for analysis of VOCs using EPA Method 8260.

Personnel involved in constructing the monitoring points in the reservoir had confined space entry training and the required confined space entry permits were in place.

2.3 LINER REPAIRS

Following installation of the five monitoring points, Charles F. Evans Company inspected and repaired the liner around each casing location. First the area around each location was cleaned and dried. Once dried, a field fabricated pipe flange was constructed of uncured membrane material and wrapped and sealed around the base of each vertical casing. Next a pre-cut section of cured membrane material (target match) was placed over the cut sections and sealed to the floor liner and the fabricated pipe flange using a quick drying lap adhesive. The repairs were then inspected and allowed to dry. The liner repair work was completed on June 26, 2009. On July 2, 2009, the fire water reservoir was re-filled and placed back in service. Photograph of the liner repair work are included in Appendix A.

Personnel with Charles F. Evans Company had confined space entry training and the required confined space entry permits were in place.

2.4 MONITORING POINT PURGING AND SAMPLING

Following installation, the monitoring points were surged and purged with a bailer to remove suspended sediment. Purging continued until the discharge was relatively free of suspended sediments. Approximately 1.5 feet of water was measured at each of these points prior to collecting samples. Water generated during purging was contained in a U.S. Department of Transportation-compliant 55-gallon drum and moved to the groundwater treatment building where the water was subsequently treated using the onsite treatment system. All purging activities were conducted with clean equipment.

On July 14, 2009, groundwater samples were collected from the newly installed monitoring points. Before initiating sampling, the monitoring points were checked for the presence of a free-phase product using an interface probe. A slight sheen was detected at monitoring point MP-5. The monitoring points were purged of a minimum of three casing volumes or until dry before sampling. Groundwater samples were collected using dedicated disposable Teflon bailers. Bailers were lowered slowly into the monitoring points to avoid agitating the water. VOC samples were collected in three pre-cleaned 40-ml vials. The vials were completely filled to avoid air bubbles in the sample. VOC samples were preserved with hydrochloric acid to a pH of 2 or less. All non-dedicated groundwater sampling equipment was decontaminated in the field using procedures outlined in WSP's standard operating procedures (SOPs), which are consistent with procedures outlined in the Resource Conservation and Recovery Act's Groundwater Monitoring Technical Enforcement Guidance Document.

Quality assurance/quality control samples, including equipment blanks and duplicates, were collected in accordance with SOPs. All samples were sealed, labeled, and placed in a cooler with ice for shipment to Test America in Amherst, New York. The appropriate chain-of-custody procedures were followed. The groundwater samples were submitted to the laboratory for analysis of VOCs using EPA Method 8260.

3 Results

3.1 FILL MATERIAL SAMPLES

Samples of the fill material obtained from monitoring points MP-1, MP-2, and MP-4 contained low levels of site related VOCs (Table 1). Total VOC concentrations ranged from 24 micrograms per liter (μg/kg) at monitoring MP-1 to 238 μg/kg at monitoring point MP-4. TCE and *cis*-1,2-dichloroethene (DCE) were the two primary VOCs detected in the fill material samples collected from below the base of the reservoir. The highest concentration of TCE was detected in the sample from monitoring point MP-4 (120 μg/kg), which is located in the south central portion of the south tank. The highest concentration of DCE (110 μg/kg) was also detected in the sample collected from MP-4.

3.2 GROUNDWATER SAMPLES

As discussed in Section 2.2, two grab samples were collected from groundwater that had accumulated in monitoring points MP-1 and MP-5 immediately following construction (Table 3). TCE, DCE, and vinyl chloride were the primary compounds detected. TCE concentrations were reported at 21 μg/l in the grab sample collected from MP-1 (sample Core-2-GW) and 630 μg/l in the sample collected from monitoring point MP-5 (sample Core-5-GW). DCE was detected at a concentration of 11ug/l in MP-1 (sample Core-2-GW) and at 36 μg/l in the sample collected from MP-5 (sample Core-5-GW).

Results for the groundwater samples collected from each monitoring point are summarized in Table 3. TCE and DCE were the primary VOCs detected. TCE concentrations ranged from 7.2 μg/l (MP-1) to 530 μg/l (MP-5). DCE was also detected at concentrations ranging from 5 μg/l in MP-3 to 260 μg/l in MP-5.

3.3 SUMMARY OF FINDINGS

The results of the supplemental pre-design investigation show that the base of the reservoir varies in thickness from 2 to 6 inches and is constructed on a thin layer of fill material and competent bedrock. TCE product was not identified below the western portion of the south tank. Detectable levels of TCE, DEC, and vinyl chloride were detected in samples collected from the five monitoring points; however, the levels detected were well below VOC levels detected in monitoring and extraction wells installed near and downgradient of the reservoir.

4 Planned Activities

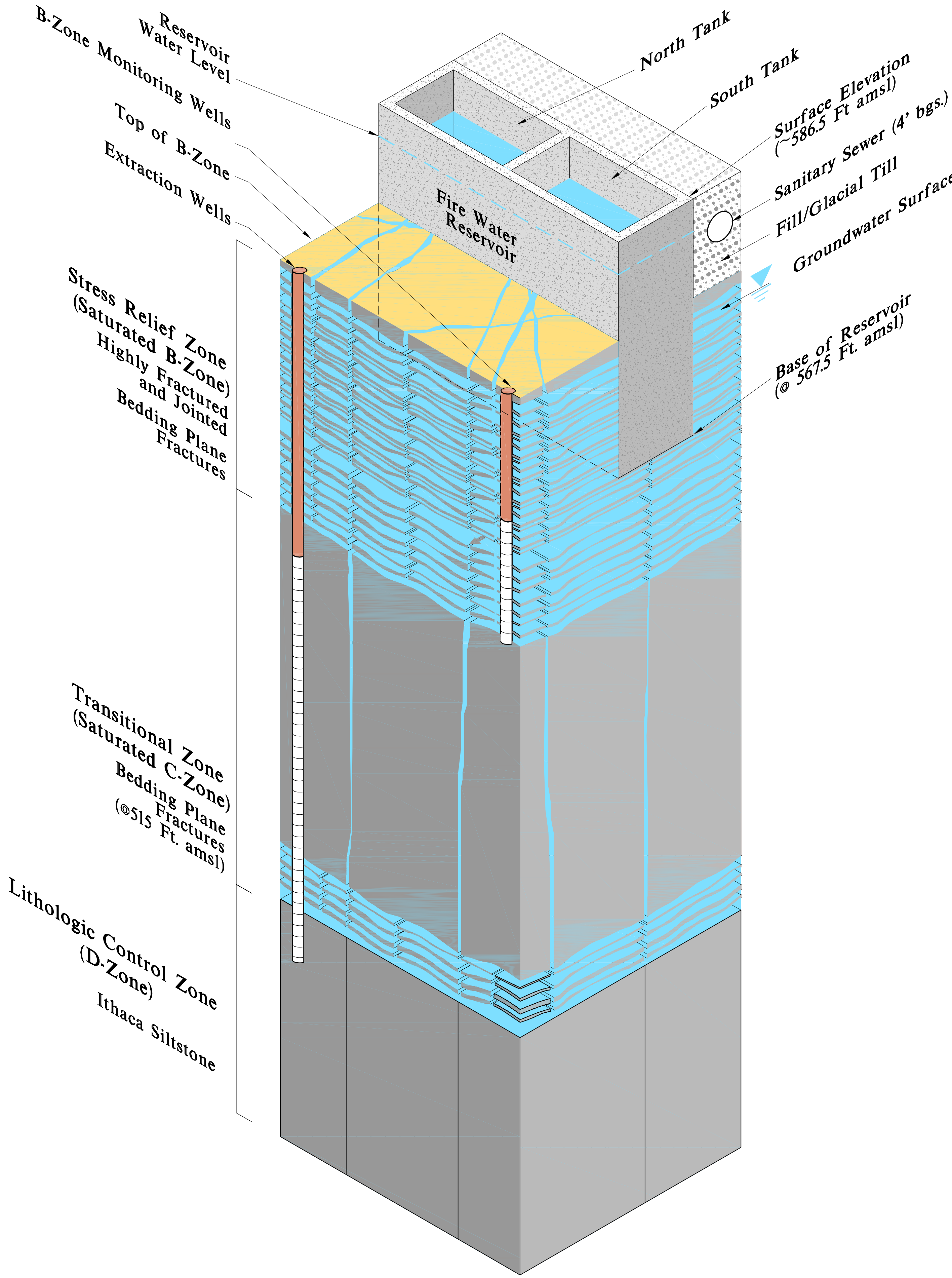
4.1 FOLLOW UP GROUNDWATER SAMPLING

A follow-up sampling event will be conducted in late August 2009. Prior to sampling, each monitoring point will be purged. During purging, periodic water level measurements will be collected from each monitoring point to evaluate changes in water levels. Following purging, the monitoring points will be sampled using low flow sampling techniques to confirm the initial sampling results. Once the data are received and evaluated, a letter report will be submitted to NYSDEC.

Acronyms

DCE	*cis*-1,2-dichloroethene
EPA	U.S. Environmental Protection Agency
EPT	Emerson Power Transmission
µg/kg	micrograms per kilogram
µg/l	micrograms per liter
NYSDEC	New York State Department of Environmental Conservation
SOP	standard operating procedures
TCE	trichloroethene
VOC	volatile organic compounds
bgs	below ground surface

Figures



Firewater Reservoir Area

REVISIONS

REV	DESCRIPTION		
1	Revised:	Chkd:	Appr.:
2	Revised:	Chkd:	Appr.:
3	Revised:	Chkd:	Appr.:

SEAL

DATE

DRAWN BY	EGC
CHECKED	
APPROVED	

CONCEPTUAL SITE MODEL
BENEATH FIRE WATER RESERVOIR

EMERSON POWER TRANSMISSION
ITHACA, NEW YORK

PREPARED FOR
EMERSON POWER TRANSMISSION

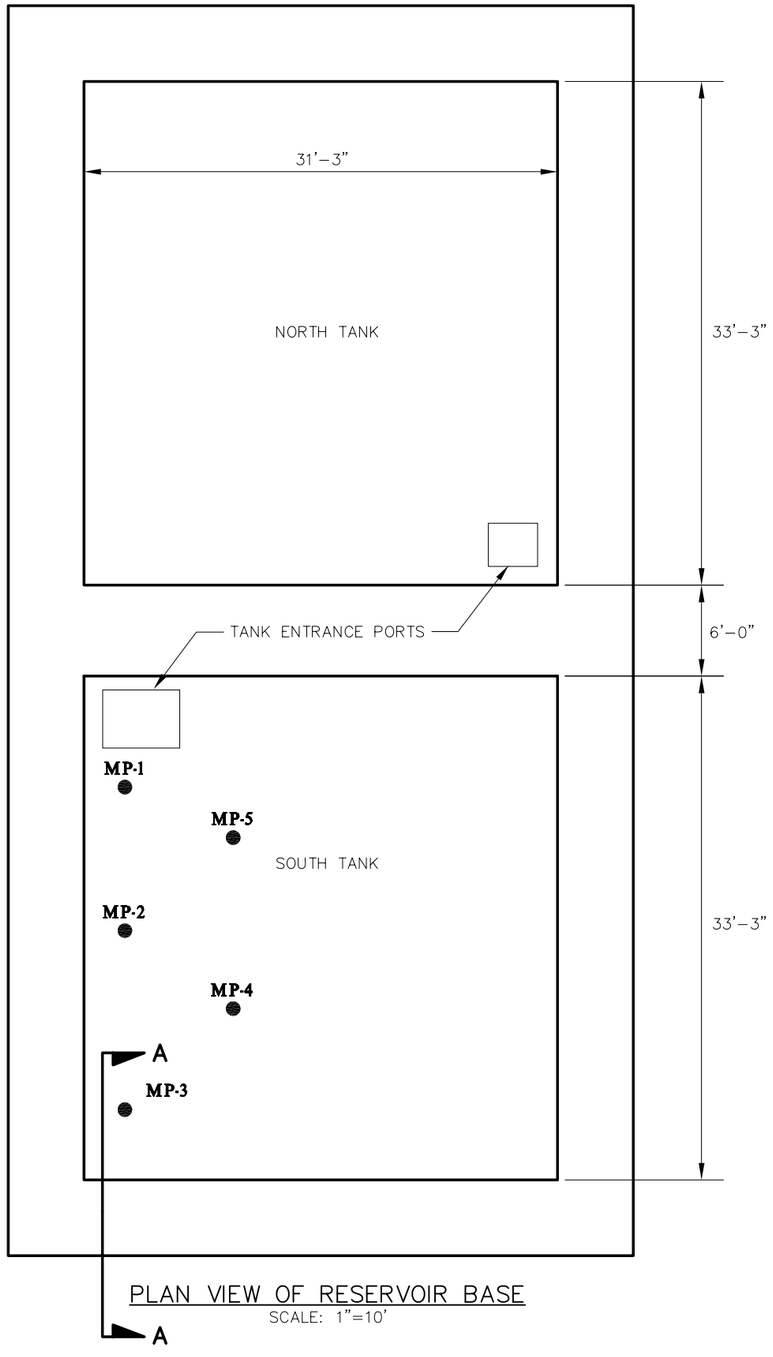
WSP Environment & Energy
11190 Sunrise Valley Drive Suite 300
Reston, Virginia 20191
(703) 709-6500

FIGURE 1

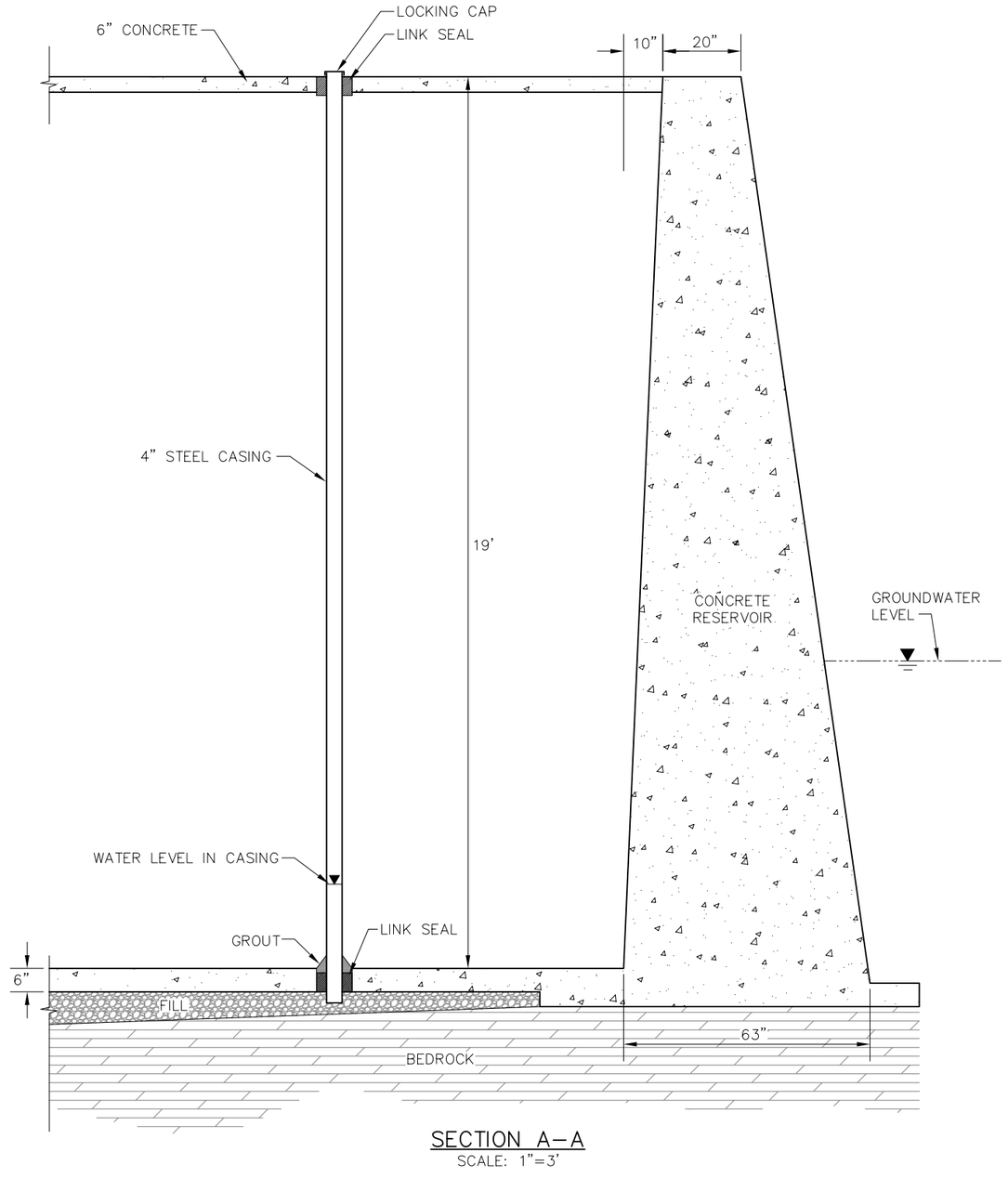
Drawing Number
127491310

LEGEND

● MONITORING POINT LOCATION



PLAN VIEW OF RESERVOIR BASE
SCALE: 1"=10'



SECTION A–A
SCALE: 1"=3'

REFERENCE: MORSE CHAIN CO., ITACA, NEW YORK DRAWING NO. A–176252 ENTITLED "FIRE RESERVOIR–ORIGINAL CONCTRUCTION" SCALE 1/4"=1'–0", DATED FEBRUARY 2, 1976.

Drawn By: EGC
Checked:
Approved:
DWG Name: 127491383A

EMERSON POWER TRANSMISSION
ITHACA, NEW YORK
PREPARED FOR
EMERSON POWER TRANSMISSION

Figure 2

FIREWATER RESERVOIR
MONITORING POINT LOCATIONS

WSP
WSP ENVIRONMENT & ENERGY
11190 SUNRISE VALLEY DRIVE SUITE 300
RESTON, VIRGINIA 20191
(703) 709-6500

Tables

Table 1

Fire Water Resevoir Investigation - Fill Material Results
Emerson Power Transmission
Ithaca, New York
June 2009

	Monitoring Point	MP-1	MP-2	MP-4	
	Sample ID:	CC-1A	CC-2A	CC-4A	
	Location:	Below Slab	Below Slab	Below Slab	
	Description:	Fill Material	Fill Material	Fill Material	
	Matrix:	Solid	Solid	Solid	
Analyte (µg/kg)	Date:	6/23/2009	6/24/2009	6/24/2009	
Acetone		ND	ND	ND	
Carbon disulfide		ND	ND	2.5	J
Chloroform		ND	ND	ND	
cis-1,2-Dichloroethene		7	17	110	
Tetrachloroethene		ND	ND	1.2	J
Toluene		ND	ND	1.4	J
trans-1,2-Dichloroethene		ND	ND	ND	
Trichloroethene		17	34	120	
Vinyl chloride		ND	ND	1.6	J
Xylenes, total		ND	ND	1.4	J
Total VOCs		24	51	238.1	

a/ D = results from a secondary dilution

J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

E = Concentration exceeds the calibration range and therefore result is semi-quantitative

Table 2

Fire Water Resevoir Investigation - Water Results
EPT
Ithaca, New York
June - July 2009

	Sample ID:	CW-1		CW-2	
	Matrix:	Water		Water	
	Date:	6/23/2009		6/25/2009	
	Description:	Water: South Tank		Water: South Tank	
Analyte (µg/l)					
1,1-Dichloroethene		4.2		ND	
2-Butanone		ND		ND	
2-Hexanone		ND		ND	
Acetone		4.6	J	13	
Bromodichloromethane		ND		0.56	J
Carbon disulfide		ND		0.41	J
Chlorodibromomethane		ND		ND	
Chloroform		ND		6.7	
cis-1,2-Dichloroethene		2800	D	27	
Ethylbenzene		ND		ND	
Methyl Acetate		ND		0.71	J
Methylene Chloride		ND		ND	
Naphthalene		ND		ND	
Tetrachloroethene		7.9		ND	
Toluene		ND		5.3	
trans-1,2-Dichloroethene		71		ND	
Trichloroethene		8100	D	110	
Vinyl chloride		8		ND	

a/ D = results from a secondary dilution
J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
E = Concentration exceeds the calibration range and therefore result is semi-quantitative

Table 3

Fire Water Reservoir Investigation - Groundwater Results
Emerson Power Transmission
Ithaca, New York
June - July 2009

Monitoring Point	MP-2	MP-5	MP-1	MP-2	MP-3	MP-4	MP-5	Duplicate
Sample ID:	Core-2-GW	Core-5-GW	CORE-1-WATER	CORE-2-WATER	CORE-3-WATER	CORE-4-WATER	CORE-5-WATER	CORE-100-WATER
Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
Date:	6/25/2009	6/25/2009	7/16/2009	7/16/2009	7/16/2009	7/16/2009	7/16/2009	7/16/2009
Description:	Groundwater Grab Sample	Groundwater Grab Sample	Groundwater Sample	Groundwater Sample	Groundwater Sample	Groundwater Sample	Groundwater Sample	Duplicate Groundwater Sample
Analyte (µg/l)								
1,1-Dichloroethene	ND	0.57 J	ND	ND	ND	0.81 J	3.4	0.79 J
2-Butanone	4.7 J	2.2 J	2.6 J	ND	ND	ND	ND	ND
2-Hexanone	1.6 J	ND	ND	ND	ND	ND	ND	ND
Acetone	30	14	23	28	17	13	17	14
Bromodichloromethane	1.9	1.7	0.75 J	3.1	3.4	2	0.91 J	3.2
Carbon disulfide	1.3	ND	ND	47	0.54 J	0.7 J	8.1	ND
Chlorodibromomethane	2.2	ND	ND	ND	ND	ND	ND	ND
Chloroform	29	34	44	70	62	64	25	60
cis-1,2-Dichloroethene	11	36	12	17	5	73	260 D	74
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	0.89 J	0.85 J	ND	0.56 J	0.85 J	0.56 J
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	2.3	ND	ND	ND	ND	1.6	ND
Toluene	ND	ND	ND	5.9	ND	1.7	1.7	0.9 J
trans-1,2-Dichloroethene	ND	0.64 J	ND	ND	ND	0.65 J	2.5	0.64 J
Trichloroethene	21	630 D	7.2	22	8.5	34	530 D	26
Vinyl chloride	0.77 J	6.3	1.2	1.8	ND	12	75	12

a/ D = results from a secondary dilution
J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
E = Concentration exceeds the calibration range and therefore result is semi-quantitative

Appendix A – Site Photographs

Site Health and Safety Meeting held on June 22, 2009

Suction Pump Lock-Out Tag-Out Prior to Confined Space Entry

Permitted Confined Space Entry – South Tank

Fire Water Reservoir – Entering South Tank

Coring on top of fire water reservoir at Monitoring Point 2 along west wall

4" steel casing installation using portable cat-head

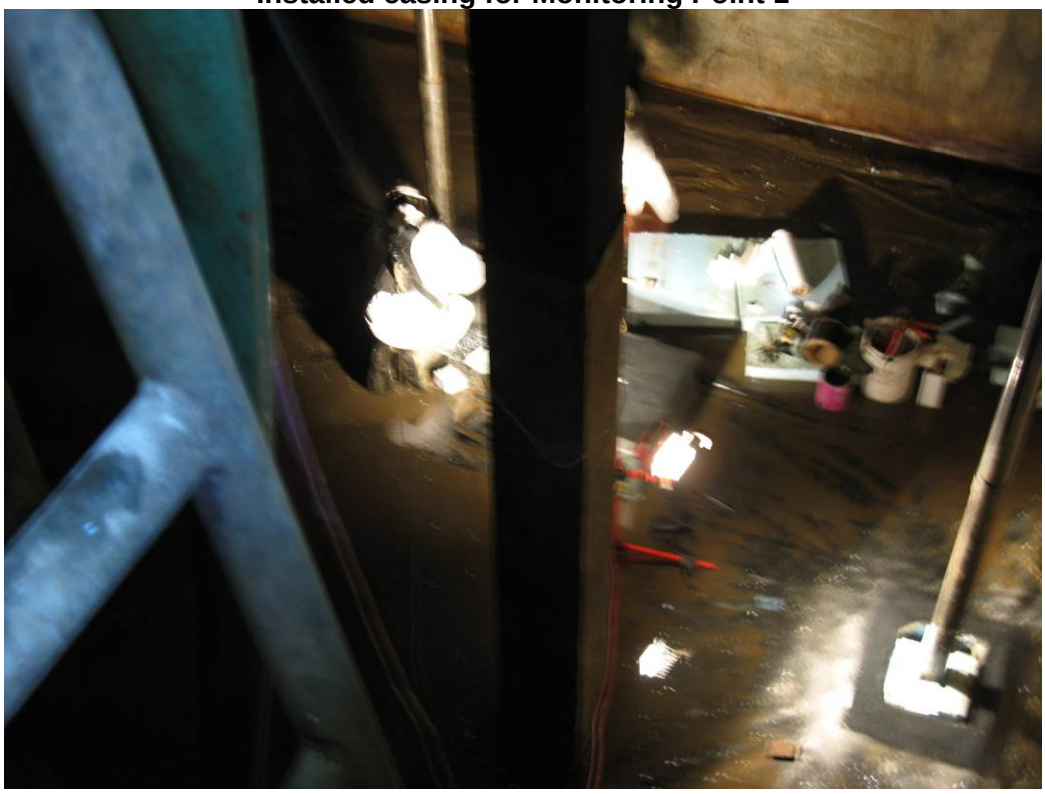
2" Bedrock core collected from Monitoring Point 3

Monitoring Point 5 – Concrete slab core (left) and bedrock material (right)

Monitoring Point Bottom - Notched 4” Steel Casing

Monitoring Points 2, 3, and 4 located along west wall of south tank

Installed casing for Monitoring Point 1



Liner repair work at casing locations

Water management using vacuum trucks

Appendix B – Laboratory Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSF1065

Project Description
Emerson Power Transmission - Ithaca, NY

For:

John Johnson
WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Candace L. Fox

Candace Fox
Project Manager
candace.fox@testamericainc.com

Wednesday, August 26, 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

There are pertinent documents appended to this report, 2 pages, are included and are an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-01 (CW-1 DEWATERING - Water)						**Sampled: 06/23/09 13:40**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,1-Dichloroethene	4.2		1.0	0.29	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.17	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
2-Butanone (MEK)	ND		5.0	1.3	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.91	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Acetone	4.6	J	5.0	1.3	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Benzene	ND		1.0	0.16	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Chloroform	0.55	J	1.0	0.34	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
cis-1,2-Dichloroethene	1200	E	1.0	0.16	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Methyl Acetate	ND		1.0	0.17	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Tetrachloroethene	7.9		1.0	0.36	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
trans-1,2-Dichloroethene	71		1.0	0.13	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Trichloroethene	1700	E	1.0	0.18	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-01 (CW-1 DEWATERING - Water) - cont.							**Sampled: 06/23/09 13:40**		**Recvd: 06/26/09 09:10**	
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	**8.0**		1.0	0.24	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	06/30/09 04:09	CDC	9F29109	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*06/30/09 04:09*	*CDC*	*9F29109*	*8260B*
4-Bromofluorobenzene	*89 %*		*Surr Limits: (73-120%)*				*06/30/09 04:09*	*CDC*	*9F29109*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*06/30/09 04:09*	*CDC*	*9F29109*	*8260B*

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Reston, VA 20191

Work Order: RSF1065

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Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-01RE1 (CW-1 DEWATERING - Water)						**Sampled: 06/23/09 13:40**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	100	26	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,1,2,2-Tetrachloroethane	ND	D08	100	21	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,1,2-Trichloroethane	ND	D08	100	23	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	100	31	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,1-Dichloroethane	ND	D08	100	75	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,1-Dichloroethene	ND	D08	100	29	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,2,4-Trichlorobenzene	ND	D08	100	41	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,2-Dibromo-3-chloropropane	ND	D08	100	100	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,2-Dibromoethane (EDB)	ND	D08	100	17	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,2-Dichlorobenzene	ND	D08	100	20	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,2-Dichloroethane	ND	D08	100	21	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,2-Dichloropropane	ND	D08	100	14	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,3-Dichlorobenzene	ND	D08	100	16	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,4-Dichlorobenzene	ND	D08	100	16	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
2-Butanone (MEK)	ND	D08	500	130	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
2-Hexanone	ND	D08	500	120	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	500	91	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Acetone	ND	D08	500	130	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Benzene	ND	D08	100	16	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Bromodichloromethane	ND	D08	100	39	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Bromoform	ND	D08	100	26	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Bromomethane	ND	D08	100	28	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Carbon disulfide	ND	D08	100	19	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Carbon Tetrachloride	ND	D08	100	27	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Chlorobenzene	ND	D08	100	32	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Chlorodibromomethane	ND	D08	100	32	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Chloroethane	ND	D08	100	32	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Chloroform	ND	D08	100	34	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Chloromethane	ND	D08	100	35	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
cis-1,2-Dichloroethene	**2800**	D08	100	16	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
cis-1,3-Dichloropropene	ND	D08	100	36	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Cyclohexane	ND	D08	100	53	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Dichlorodifluoromethane	ND	D08	100	29	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Ethylbenzene	ND	D08	100	18	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Isopropylbenzene	ND	D08	100	19	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Methyl Acetate	ND	D08	100	17	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Methyl tert-Butyl Ether	ND	D08	100	16	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Methylcyclohexane	ND	D08	100	50	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Methylene Chloride	ND	D08	100	44	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Styrene	ND	D08	100	18	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Tetrachloroethene	ND	D08	100	36	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Toluene	ND	D08	100	51	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
trans-1,2-Dichloroethene	**95**	D08,J	100	13	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
trans-1,3-Dichloropropene	ND	D08	100	37	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Trichloroethene	**8100**	D08	100	18	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Trichlorofluoromethane	ND	D08	100	15	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B

WSP Environmental Strategies - Reston, VA
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Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-01RE1 (CW-1 DEWATERING - Water) - cont.						**Sampled: 06/23/09 13:40**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND	D08	100	24	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
Xylenes, total	ND	D08	200	66	ug/L	100	06/30/09 20:08	PQ	9F30029	8260B
1,2-Dichloroethane-d4	*95 %*	*D08*	*Surr Limits: (66-137%)*				*06/30/09 20:08*	*PQ*	*9F30029*	*8260B*
4-Bromofluorobenzene	*92 %*	*D08*	*Surr Limits: (73-120%)*				*06/30/09 20:08*	*PQ*	*9F30029*	*8260B*
Toluene-d8	*92 %*	*D08*	*Surr Limits: (71-126%)*				*06/30/09 20:08*	*PQ*	*9F30029*	*8260B*

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Work Order: RSF1065

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Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Sample ID: RSF1065-02 (CORE-5-GW - Water) **Sampled: 06/25/09 09:10** **Recvd: 06/26/09 09:10**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,1-Dichloroethene	**0.57**	J	1.0	0.29	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.17	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
2-Butanone (MEK)	**2.2**	J	5.0	1.3	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.91	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Acetone	**14**		5.0	1.3	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Benzene	ND		1.0	0.16	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Bromodichloromethane	**1.7**		1.0	0.39	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Chloroform	**34**		1.0	0.34	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
cis-1,2-Dichloroethene	**36**		1.0	0.16	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Methyl Acetate	ND		1.0	0.17	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Tetrachloroethene	**2.3**		1.0	0.36	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
trans-1,2-Dichloroethene	**0.64**	J	1.0	0.13	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Trichloroethene	**570**	E	1.0	0.18	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-02 (CORE-5-GW - Water) - cont.						**Sampled: 06/25/09 09:10**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	**6.3**		1.0	0.24	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	06/30/09 04:38	CDC	9F29109	8260B
1,2-Dichloroethane-d4	*91 %*		*Surr Limits: (66-137%)*				*06/30/09 04:38*	*CDC*	*9F29109*	*8260B*
4-Bromofluorobenzene	*90 %*		*Surr Limits: (73-120%)*				*06/30/09 04:38*	*CDC*	*9F29109*	*8260B*
Toluene-d8	*90 %*		*Surr Limits: (71-126%)*				*06/30/09 04:38*	*CDC*	*9F29109*	*8260B*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-02RE1 (CORE-5-GW - Water)						**Sampled: 06/25/09 09:10**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	10	2.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,1,2,2-Tetrachloroethane	ND	D08	10	2.1	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,1,2-Trichloroethane	ND	D08	10	2.3	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	10	3.1	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,1-Dichloroethane	ND	D08	10	7.5	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,1-Dichloroethene	ND	D08	10	2.9	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,2,4-Trichlorobenzene	ND	D08	10	4.1	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,2-Dibromo-3-chloropropane	ND	D08	10	10	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,2-Dibromoethane (EDB)	ND	D08	10	1.7	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,2-Dichlorobenzene	ND	D08	10	2.0	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,2-Dichloroethane	ND	D08	10	2.1	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,2-Dichloropropane	ND	D08	10	1.4	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,3-Dichlorobenzene	ND	D08	10	1.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,4-Dichlorobenzene	ND	D08	10	1.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
2-Butanone (MEK)	ND	D08	50	13	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
2-Hexanone	ND	D08	50	12	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	50	9.1	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Acetone	14	D08,J	50	13	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Benzene	ND	D08	10	1.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Bromodichloromethane	ND	D08	10	3.9	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Bromoform	ND	D08	10	2.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Bromomethane	ND	D08	10	2.8	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Carbon disulfide	ND	D08	10	1.9	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Carbon Tetrachloride	ND	D08	10	2.7	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Chlorobenzene	ND	D08	10	3.2	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Chlorodibromomethane	ND	D08	10	3.2	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Chloroethane	ND	D08	10	3.2	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Chloroform	36	D08	10	3.4	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Chloromethane	ND	D08	10	3.5	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
cis-1,2-Dichloroethene	31	D08	10	1.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
cis-1,3-Dichloropropene	ND	D08	10	3.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Cyclohexane	ND	D08	10	5.3	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Dichlorodifluoromethane	ND	D08	10	2.9	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Ethylbenzene	ND	D08	10	1.8	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Isopropylbenzene	ND	D08	10	1.9	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Methyl Acetate	ND	D08	10	1.7	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Methyl tert-Butyl Ether	ND	D08	10	1.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Methylcyclohexane	ND	D08	10	5.0	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Methylene Chloride	ND	D08	10	4.4	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Styrene	ND	D08	10	1.8	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Tetrachloroethene	ND	D08	10	3.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Toluene	ND	D08	10	5.1	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
trans-1,2-Dichloroethene	ND	D08	10	1.3	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
trans-1,3-Dichloropropene	ND	D08	10	3.7	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Trichloroethene	630	D08	10	1.8	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Trichlorofluoromethane	ND	D08	10	1.5	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B

WSP Environmental Strategies - Reston, VA
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Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-02RE1 (CORE-5-GW - Water) - cont.						**Sampled: 06/25/09 09:10**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	6.1	D08,J	10	2.4	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
Xylenes, total	ND	D08	20	6.6	ug/L	10.0	06/30/09 19:40	PQ	9F30029	8260B
1,2-Dichloroethane-d4	*92 %*	*D08*	*Surr Limits: (66-137%)*				*06/30/09 19:40*	*PQ*	*9F30029*	*8260B*
4-Bromofluorobenzene	*90 %*	*D08*	*Surr Limits: (73-120%)*				*06/30/09 19:40*	*PQ*	*9F30029*	*8260B*
Toluene-d8	*89 %*	*D08*	*Surr Limits: (71-126%)*				*06/30/09 19:40*	*PQ*	*9F30029*	*8260B*

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Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-03 (CORE-2-GW - Water)						**Sampled: 06/25/09 09:25**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.17	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
2-Butanone (MEK)	**4.7**	J	5.0	1.3	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
2-Hexanone	**1.6**	J	5.0	1.2	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.91	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Acetone	**30**		5.0	1.3	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Benzene	ND		1.0	0.16	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Bromodichloromethane	**1.9**		1.0	0.39	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Carbon disulfide	**1.3**		1.0	0.19	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Chlorodibromomethane	**2.2**		1.0	0.32	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Chloroform	**29**		1.0	0.34	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
cis-1,2-Dichloroethene	**11**		1.0	0.16	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Methyl Acetate	ND		1.0	0.17	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Trichloroethene	**21**		1.0	0.18	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B

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Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-03 (CORE-2-GW - Water) - cont.						**Sampled: 06/25/09 09:25**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	0.77	J	1.0	0.24	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	06/30/09 16:50	PQ	9F30029	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*06/30/09 16:50*	*PQ*	*9F30029*	*8260B*
4-Bromofluorobenzene	*91 %*		*Surr Limits: (73-120%)*				*06/30/09 16:50*	*PQ*	*9F30029*	*8260B*
Toluene-d8	*89 %*		*Surr Limits: (71-126%)*				*06/30/09 16:50*	*PQ*	*9F30029*	*8260B*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-04 (CC-1A BELOW SLAB - Solid)						**Sampled: 06/23/09 10:25**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		5.1	0.37	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,1,2,2-Tetrachloroethane	ND		5.1	0.83	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,1,2-Trichloroethane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,1,2-Trichlorotrifluoroethane	ND		5.1	0.54	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,1-Dichloroethane	ND		5.1	0.25	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,1-Dichloroethene	ND		5.1	0.63	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,2,4-Trichlorobenzene	ND		5.1	0.31	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,2-Dibromo-3-chloropropane	ND		5.1	1.0	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,2-Dibromoethane (EDB)	ND		5.1	0.19	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,2-Dichlorobenzene	ND		5.1	0.77	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,2-Dichloroethane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,2-Dichloropropane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,3-Dichlorobenzene	ND		5.1	0.72	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,4-Dichlorobenzene	ND		5.1	0.72	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
2-Butanone (MEK)	ND		26	6.9	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
2-Hexanone	ND		26	1.8	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Acetone	ND		26	1.1	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Benzene	ND		5.1	0.25	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Bromodichloromethane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Bromoform	ND		5.1	0.47	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Bromomethane	ND		5.1	0.47	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Carbon disulfide	ND		5.1	0.44	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Carbon Tetrachloride	ND		5.1	0.18	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Chlorobenzene	ND		5.1	0.22	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Chlorodibromomethane	ND		5.1	0.28	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Chloroethane	ND		5.1	0.83	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Chloroform	ND		5.1	0.32	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Chloromethane	ND		5.1	0.31	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
cis-1,2-Dichloroethene	7.0		5.1	0.25	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
cis-1,3-Dichloropropene	ND		5.1	0.29	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Cyclohexane	ND		5.1	0.24	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Dichlorodifluoromethane	ND		5.1	0.42	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Ethylbenzene	ND		5.1	0.35	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Isopropylbenzene	ND		5.1	0.34	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Methyl Acetate	ND		5.1	0.28	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Methyl tert-Butyl Ether	ND		5.1	0.50	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Methylcyclohexane	ND		5.1	0.33	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Methylene Chloride	ND		5.1	0.36	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Styrene	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Tetrachloroethene	ND		5.1	0.69	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Toluene	ND		5.1	0.87	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
trans-1,2-Dichloroethene	ND		5.1	0.53	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
trans-1,3-Dichloropropene	ND		5.1	0.25	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Trichloroethene	17		5.1	0.35	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Trichlorofluoromethane	ND		5.1	1.6	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B

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Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-04 (CC-1A BELOW SLAB - Solid) - cont.						**Sampled: 06/23/09 10:25**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		10	0.21	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
Xylenes, total	ND		10	0.86	ug/kg dry	1.00	06/29/09 20:36	CDC	9F29090	8260B
1,2-Dichloroethane-d4	*104 %*		*Surr Limits: (61-136%)*				*06/29/09 20:36*	*CDC*	*9F29090*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits: (72-126%)*				*06/29/09 20:36*	*CDC*	*9F29090*	*8260B*
Toluene-d8	*114 %*		*Surr Limits: (71-125%)*				*06/29/09 20:36*	*CDC*	*9F29090*	*8260B*

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THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-09 (CC-2A BELOW SLAB - Solid)						**Sampled: 06/24/09 10:20**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		4.9	0.36	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,1,2,2-Tetrachloroethane	ND		4.9	0.80	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,1,2-Trichloroethane	ND		4.9	0.25	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,1,2-Trichlorotrifluoroethane	ND		4.9	0.52	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,1-Dichloroethane	ND		4.9	0.24	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,1-Dichloroethene	ND		4.9	0.60	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,2,4-Trichlorobenzene	ND		4.9	0.30	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,2-Dibromo-3-chloropropane	ND		4.9	0.98	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,2-Dibromoethane (EDB)	ND		4.9	0.19	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,2-Dichlorobenzene	ND		4.9	0.74	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,2-Dichloroethane	ND		4.9	0.25	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,2-Dichloropropane	ND		4.9	0.25	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,3-Dichlorobenzene	ND		4.9	0.70	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,4-Dichlorobenzene	ND		4.9	0.69	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
2-Butanone (MEK)	ND		25	6.7	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
2-Hexanone	ND		25	1.7	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Acetone	ND		25	1.1	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Benzene	ND		4.9	0.24	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Bromodichloromethane	ND		4.9	0.25	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Bromoform	ND		4.9	0.45	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Bromomethane	ND		4.9	0.45	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Carbon disulfide	ND		4.9	0.42	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Carbon Tetrachloride	ND		4.9	0.18	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Chlorobenzene	ND		4.9	0.21	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Chlorodibromomethane	ND		4.9	0.27	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Chloroethane	ND		4.9	0.80	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Chloroform	ND		4.9	0.30	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Chloromethane	ND		4.9	0.30	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
cis-1,2-Dichloroethene	17		4.9	0.24	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
cis-1,3-Dichloropropene	ND		4.9	0.28	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Cyclohexane	ND		4.9	0.23	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Dichlorodifluoromethane	ND		4.9	0.41	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Ethylbenzene	ND		4.9	0.34	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Isopropylbenzene	ND		4.9	0.32	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Methyl Acetate	ND		4.9	0.27	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Methyl tert-Butyl Ether	ND		4.9	0.48	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Methylcyclohexane	ND		4.9	0.32	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Methylene Chloride	ND		4.9	0.34	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Styrene	ND		4.9	0.25	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Tetrachloroethene	ND		4.9	0.66	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Toluene	ND		4.9	0.84	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
trans-1,2-Dichloroethene	ND		4.9	0.51	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
trans-1,3-Dichloropropene	ND		4.9	0.24	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Trichloroethene	34		4.9	0.34	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Trichlorofluoromethane	ND		4.9	1.5	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-09 (CC-2A BELOW SLAB - Solid) - cont.						**Sampled: 06/24/09 10:20**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		9.9	0.20	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
Xylenes, total	ND		9.9	0.83	ug/kg dry	1.00	06/29/09 22:42	CDC	9F29090	8260B
1,2-Dichloroethane-d4	*103 %*		*Surr Limits: (61-136%)*				*06/29/09 22:42*	*CDC*	*9F29090*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (72-126%)*				*06/29/09 22:42*	*CDC*	*9F29090*	*8260B*
Toluene-d8	*117 %*		*Surr Limits: (71-125%)*				*06/29/09 22:42*	*CDC*	*9F29090*	*8260B*

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WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-12 (CC-4A BELOW SLAB - Solid)						**Sampled: 06/24/09 12:25**		**Recvd: 06/26/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		5.1	0.37	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,1,2,2-Tetrachloroethane	ND		5.1	0.83	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,1,2-Trichloroethane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,1,2-Trichlorotrifluoroethane	ND		5.1	0.54	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,1-Dichloroethane	ND		5.1	0.25	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,1-Dichloroethene	ND		5.1	0.62	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,2,4-Trichlorobenzene	ND		5.1	0.31	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,2-Dibromo-3-chloropropane	ND		5.1	1.0	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,2-Dibromoethane (EDB)	ND		5.1	0.19	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,2-Dichlorobenzene	ND		5.1	0.77	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,2-Dichloroethane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,2-Dichloropropane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,3-Dichlorobenzene	ND		5.1	0.72	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,4-Dichlorobenzene	ND		5.1	0.71	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
2-Butanone (MEK)	ND		25	6.9	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
2-Hexanone	ND		25	1.8	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
4-Methyl-2-pentanone (MIBK)	ND		25	1.7	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Acetone	ND		25	1.1	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Benzene	ND		5.1	0.25	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Bromodichloromethane	ND		5.1	0.26	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Bromoform	ND		5.1	0.47	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Bromomethane	ND		5.1	0.47	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Carbon disulfide	**2.5**	J	5.1	0.44	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Carbon Tetrachloride	ND		5.1	0.18	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Chlorobenzene	ND		5.1	0.22	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Chlorodibromomethane	ND		5.1	0.28	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Chloroethane	ND		5.1	0.82	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Chloroform	ND		5.1	0.32	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Chloromethane	ND		5.1	0.31	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
cis-1,2-Dichloroethene	**110**		5.1	0.25	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
cis-1,3-Dichloropropene	ND		5.1	0.29	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Cyclohexane	ND		5.1	0.23	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Dichlorodifluoromethane	ND		5.1	0.42	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Ethylbenzene	ND		5.1	0.35	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Isopropylbenzene	ND		5.1	0.33	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Methyl Acetate	ND		5.1	0.28	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Methyl tert-Butyl Ether	ND		5.1	0.50	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Methylcyclohexane	ND		5.1	0.33	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Methylene Chloride	ND		5.1	0.36	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Styrene	ND		5.1	0.25	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Tetrachloroethene	**1.2**	J	5.1	0.68	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Toluene	**1.4**	J	5.1	0.86	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
trans-1,2-Dichloroethene	ND		5.1	0.53	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
trans-1,3-Dichloropropene	ND		5.1	0.25	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Trichloroethene	**120**		5.1	0.35	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Trichlorofluoromethane	ND		5.1	1.6	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1065

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/26/09
Reported: 07/15/09 09:16

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1065-12 (CC-4A BELOW SLAB - Solid) - cont.							**Sampled: 06/24/09 12:25**		**Recvd: 06/26/09 09:10**	
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	1.6	J	10	0.21	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
Xylenes, total	1.4	J	10	0.86	ug/kg dry	1.00	06/29/09 23:57	CDC	9F29090	8260B
1,2-Dichloroethane-d4	*99 %*		*Surr Limits: (61-136%)*				*06/29/09 23:57*	*CDC*	*9F29090*	*8260B*
4-Bromofluorobenzene	*107 %*		*Surr Limits: (72-126%)*				*06/29/09 23:57*	*CDC*	*9F29090*	*8260B*
Toluene-d8	*112 %*		*Surr Limits: (71-125%)*				*06/29/09 23:57*	*CDC*	*9F29090*	*8260B*

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Analytical Report

Work Order: RSF1107

Project Description
Emerson Power Transmission - Ithaca, NY

For:

John Johnson
WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Candace L. Fox

Candace Fox
Project Manager
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Wednesday, August 26, 2009

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THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1107

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/27/09
Reported: 07/08/09 09:50

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

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WSP Environmental Strategies - Reston, VA
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Reston, VA 20191

Work Order: RSF1107

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/27/09
Reported: 07/08/09 09:50

Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

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THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1107

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/27/09
Reported: 07/08/09 09:50

DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

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WSP Environmental Strategies - Reston, VA
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Reston, VA 20191

Work Order: RSF1107

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/27/09
Reported: 07/08/09 09:50

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1107-01 (CW-2 - Water)						**Sampled: 06/25/09 11:44**		**Recvd: 06/27/09 09:15**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Acetone	**13**		5.0	1.3	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Benzene	ND		1.0	0.16	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Bromodichloromethane	**0.56**	J	1.0	0.39	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Carbon disulfide	**0.41**	J	1.0	0.19	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Chloroform	**6.7**		1.0	0.34	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
cis-1,2-Dichloroethene	**27**		1.0	0.16	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Methyl Acetate	**0.71**	J	1.0	0.17	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Naphthalene	ND		1.0	0.43	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Toluene	**5.3**		1.0	0.51	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Trichloroethene	**110**	E	1.0	0.18	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1107

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/27/09
Reported: 07/08/09 09:50

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1107-01 (CW-2 - Water) - cont.						**Sampled: 06/25/09 11:44**		**Recvd: 06/27/09 09:15**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	06/27/09 23:47	NMD	9F27017	8260B
1,2-Dichloroethane-d4	*115 %*		*Surr Limits: (66-137%)*				*06/27/09 23:47*	*NMD*	*9F27017*	*8260B*
4-Bromofluorobenzene	*103 %*		*Surr Limits: (73-120%)*				*06/27/09 23:47*	*NMD*	*9F27017*	*8260B*
Toluene-d8	*99 %*		*Surr Limits: (71-126%)*				*06/27/09 23:47*	*NMD*	*9F27017*	*8260B*

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WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1107

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/27/09
Reported: 07/08/09 09:50

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1107-01RE1 (CW-2 - Water)						**Sampled: 06/25/09 11:44**		**Recvd: 06/27/09 09:15**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	2.0	0.53	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,1,2,2-Tetrachloroethane	ND	D08	2.0	0.43	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,1,2-Trichloroethane	ND	D08	2.0	0.46	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	2.0	0.62	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,1-Dichloroethane	ND	D08	2.0	1.5	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,1-Dichloroethene	ND	D08	2.0	0.59	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,2,4-Trichlorobenzene	ND	D08	2.0	0.82	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,2-Dibromo-3-chloropropane	ND	D08	2.0	2.0	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,2-Dibromoethane	ND	D08	2.0	0.33	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,2-Dichlorobenzene	ND	D08	2.0	0.41	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,2-Dichloroethane	ND	D08	2.0	0.43	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,2-Dichloropropane	ND	D08	2.0	0.29	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,3-Dichlorobenzene	ND	D08	2.0	0.33	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,4-Dichlorobenzene	ND	D08	2.0	0.32	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
2-Butanone	ND	D08	10	2.6	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
2-Hexanone	ND	D08	10	2.5	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
4-Methyl-2-pentanone	ND	D08	10	1.8	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Acetone	**10**	D08	10	2.7	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Benzene	ND	D08	2.0	0.33	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Bromodichloromethane	ND	D08	2.0	0.77	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Bromoform	ND	D08	2.0	0.51	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Bromomethane	ND	D08	2.0	0.56	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Carbon disulfide	ND	D08	2.0	0.39	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Carbon Tetrachloride	ND	D08	2.0	0.53	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Chlorobenzene	ND	D08	2.0	0.63	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Dibromochloromethane	ND	D08	2.0	0.64	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Chloroethane	ND	D08	2.0	0.65	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Chloroform	**6.1**	D08	2.0	0.67	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Chloromethane	ND	D08	2.0	0.69	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
cis-1,2-Dichloroethene	**28**	D08	2.0	0.32	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
cis-1,3-Dichloropropene	ND	D08	2.0	0.71	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Cyclohexane	ND	D08	2.0	1.1	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Dichlorodifluoromethane	ND	D08	2.0	0.57	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Ethylbenzene	ND	D08	2.0	0.37	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Isopropylbenzene	ND	D08	2.0	0.39	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Methyl Acetate	ND	D08	2.0	0.34	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	2.0	0.32	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Methylcyclohexane	ND	D08	2.0	0.99	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Methylene Chloride	ND	D08	2.0	0.88	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Naphthalene	ND	D08	2.0	0.87	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Styrene	ND	D08	2.0	0.37	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Tetrachloroethene	ND	D08	2.0	0.73	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Toluene	**4.9**	D08	2.0	1.0	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
trans-1,2-Dichloroethene	ND	D08	2.0	0.25	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
trans-1,3-Dichloropropene	ND	D08	2.0	0.74	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Trichloroethene	**110**	D08	2.0	0.35	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Trichlorofluoromethane	ND	D08	2.0	0.30	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSF1107

Project: Emerson Power Transmission - Ithaca, NY
Project Number: ESC

Received: 06/27/09
Reported: 07/08/09 09:50

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF1107-01RE1 (CW-2 - Water) - cont.						**Sampled: 06/25/09 11:44**		**Recvd: 06/27/09 09:15**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	ND	D08	2.0	0.49	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
Xylenes, total	ND	D08	4.0	1.3	ug/L	2.00	06/28/09 22:29	NMD	9F28011	8260B
1,2-Dichloroethane-d4	*117 %*	*D08*	*Surr Limits: (66-137%)*				*06/28/09 22:29*	*NMD*	*9F28011*	*8260B*
4-Bromofluorobenzene	*106 %*	*D08*	*Surr Limits: (73-120%)*				*06/28/09 22:29*	*NMD*	*9F28011*	*8260B*
Toluene-d8	*100 %*	*D08*	*Surr Limits: (71-126%)*				*06/28/09 22:29*	*NMD*	*9F28011*	*8260B*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSG0647

Project Description
Ithaca Site - 127491

For:

Project Manager

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Candace L. Fox

Candace Fox
Project Manager
candace.fox@testamericainc.com

Wednesday, August 26, 2009

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THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

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WSP Environmental Strategies - Reston, VA
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Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

WSP Environmental Strategies - Reston, VA
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Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
P-HS	Sample container contained headspace.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

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Reston, VA 20191

Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-01 (CORE-1 - Water)						**Sampled: 07/16/09 09:10**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
2-Butanone	2.6	J	5.0	1.3	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Acetone	23		5.0	1.3	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Bromodichloromethane	0.75	J	1.0	0.39	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Chloroform	44		1.0	0.34	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
cis-1,2-Dichloroethene	12		1.0	0.38	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Methylene Chloride	0.89	J	1.0	0.44	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Trichloroethene	7.2		1.0	0.46	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
Vinyl chloride	1.2		1.0	0.24	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-01 (CORE-1 - Water) - cont.						**Sampled: 07/16/09 09:10**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/22/09 00:27	MF	9G21097	8260B
1,2-Dichloroethane-d4	*82 %*		*Surr Limits: (66-137%)*				*07/22/09 00:27*	*MF*	*9G21097*	*8260B*
4-Bromofluorobenzene	*77 %*		*Surr Limits: (73-120%)*				*07/22/09 00:27*	*MF*	*9G21097*	*8260B*
Toluene-d8	*92 %*		*Surr Limits: (71-126%)*				*07/22/09 00:27*	*MF*	*9G21097*	*8260B*

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Reston, VA 20191

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Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-02 (CORE-2 - Water)						**Sampled: 07/16/09 09:20**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Acetone	**28**		5.0	1.3	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Bromodichloromethane	**3.1**		1.0	0.39	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Carbon disulfide	**47**		1.0	0.19	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Chloroform	**70**		1.0	0.34	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
cis-1,2-Dichloroethene	**17**		1.0	0.38	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Methylene Chloride	**0.85**	J	1.0	0.44	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Toluene	**5.9**		1.0	0.51	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Trichloroethene	**22**		1.0	0.46	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
Vinyl chloride	**1.8**		1.0	0.24	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
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Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-02 (CORE-2 - Water) - cont.						**Sampled: 07/16/09 09:20**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/22/09 00:51	MF	9G21097	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/22/09 00:51*	*MF*	*9G21097*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/22/09 00:51*	*MF*	*9G21097*	*8260B*
Toluene-d8	*99 %*		*Surr Limits: (71-126%)*				*07/22/09 00:51*	*MF*	*9G21097*	*8260B*

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-03 (CORE-3 - Water)						**Sampled: 07/16/09 09:25**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Acetone	**17**		5.0	1.3	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Bromodichloromethane	**3.4**		1.0	0.39	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Carbon disulfide	**0.54**	J	1.0	0.19	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Chloroform	**62**		1.0	0.34	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
cis-1,2-Dichloroethene	**5.0**		1.0	0.38	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Trichloroethene	**8.5**		1.0	0.46	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B

WSP Environmental Strategies - Reston, VA
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Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-03 (CORE-3 - Water) - cont.						**Sampled: 07/16/09 09:25**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/22/09 01:15	MF	9G21097	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*07/22/09 01:15*	*MF*	*9G21097*	*8260B*
4-Bromofluorobenzene	*84 %*		*Surr Limits: (73-120%)*				*07/22/09 01:15*	*MF*	*9G21097*	*8260B*
Toluene-d8	*97 %*		*Surr Limits: (71-126%)*				*07/22/09 01:15*	*MF*	*9G21097*	*8260B*

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Project Number: ESC

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Reported: 07/23/09 14:42

Analytical Report

Sample ID: RSG0647-04 (CORE-4 - Water) **Sampled: 07/16/09 09:30** **Recvd: 07/17/09 09:00**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,1-Dichloroethene	**0.81**	J	1.0	0.29	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Acetone	**13**		5.0	1.3	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Bromodichloromethane	**2.0**		1.0	0.39	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Carbon disulfide	**0.70**	J	1.0	0.19	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Chloroform	**64**		1.0	0.34	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
cis-1,2-Dichloroethene	**73**		1.0	0.38	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Methylene Chloride	**0.56**	J	1.0	0.44	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Toluene	**1.7**		1.0	0.51	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
trans-1,2-Dichloroethene	**0.65**	J	1.0	0.42	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Trichloroethene	**34**		1.0	0.46	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
Vinyl chloride	**12**		1.0	0.24	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-04 (CORE-4 - Water) - cont.						**Sampled: 07/16/09 09:30**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/22/09 01:38	MF	9G21097	8260B
1,2-Dichloroethane-d4	*90 %*		*Surr Limits: (66-137%)*				*07/22/09 01:38*	*MF*	*9G21097*	*8260B*
4-Bromofluorobenzene	*86 %*		*Surr Limits: (73-120%)*				*07/22/09 01:38*	*MF*	*9G21097*	*8260B*
Toluene-d8	*96 %*		*Surr Limits: (71-126%)*				*07/22/09 01:38*	*MF*	*9G21097*	*8260B*

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Reston, VA 20191

Work Order: RSG0647
Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Sample ID: RSG0647-05 (CORE-5 - Water) — **Sampled: 07/16/09 09:15** — **Recvd: 07/17/09 09:00**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,1-Dichloroethene	**3.4**		1.0	0.29	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Acetone	**17**		5.0	1.3	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Bromodichloromethane	**0.91**	J	1.0	0.39	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Carbon disulfide	**8.1**		1.0	0.19	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Chloroform	**25**		1.0	0.34	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Methylene Chloride	**0.85**	J	1.0	0.44	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Tetrachloroethene	**1.6**		1.0	0.36	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Toluene	**1.7**		1.0	0.51	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
trans-1,2-Dichloroethene	**2.5**		1.0	0.42	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Vinyl chloride	**75**		1.0	0.24	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/22/09 02:02	MF	9G21097	8260B
1,2-Dichloroethane-d4	*83 %*		*Surr Limits: (66-137%)*				*07/22/09 02:02*	*MF*	*9G21097*	*8260B*

WSP Environmental Strategies - Reston, VA
11190 Sunrise Valley Dr, Suite 300
Reston, VA 20191

Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-05 (CORE-5 - Water) - cont.							**Sampled: 07/16/09 09:15**		**Recvd: 07/17/09 09:00**	
Volatile Organic Compounds by EPA 8260B - cont.										
4-Bromofluorobenzene	*80 %*		*Surr Limits: (73-120%)*				*07/22/09 02:02*	*MF*	*9G21097*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*07/22/09 02:02*	*MF*	*9G21097*	*8260B*

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Work Order: RSG0647

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-05RE1 (CORE-5 - Water)						**Sampled: 07/16/09 09:15**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	260	D08, P-HS	10	3.8	ug/L	10.0	07/22/09 23:22	MF	9G22087	8260B
Trichloroethene	530	D08, P-HS	10	4.6	ug/L	10.0	07/22/09 23:22	MF	9G22087	8260B
1,2-Dichloroethane-d4	*83 %*	*D08, P-HS*	*Surr Limits: (66-137%)*				*07/22/09 23:22*	*MF*	*9G22087*	*8260B*
4-Bromofluorobenzene	*76 %*	*D08, P-HS*	*Surr Limits: (73-120%)*				*07/22/09 23:22*	*MF*	*9G22087*	*8260B*
Toluene-d8	*92 %*	*D08, P-HS*	*Surr Limits: (71-126%)*				*07/22/09 23:22*	*MF*	*9G22087*	*8260B*

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Reston, VA 20191

Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
Reported: 07/23/09 14:42

Analytical Report

Sample ID: RSG0647-06 (CORE-100 - Water) **Sampled: 07/16/09 09:35** **Recvd: 07/17/09 09:00**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,1-Dichloroethene	0.79	J	1.0	0.29	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Acetone	14		5.0	1.3	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Bromodichloromethane	3.2		1.0	0.39	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Chloroform	60		1.0	0.34	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
cis-1,2-Dichloroethene	74		1.0	0.38	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Methylene Chloride	0.56	J	1.0	0.44	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Toluene	0.90	J	1.0	0.51	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
trans-1,2-Dichloroethene	0.64	J	1.0	0.42	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Trichloroethene	26		1.0	0.46	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
Vinyl chloride	12		1.0	0.24	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B

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Work Order: RSG0647

Project: Ithaca Site - 127491
Project Number: ESC

Received: 07/17/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0647-06 (CORE-100 - Water) - cont.						**Sampled: 07/16/09 09:35**		**Recvd: 07/17/09 09:00**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	07/22/09 02:26	MF	9G21097	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*07/22/09 02:26*	*MF*	*9G21097*	*8260B*
4-Bromofluorobenzene	*87 %*		*Surr Limits: (73-120%)*				*07/22/09 02:26*	*MF*	*9G21097*	*8260B*
Toluene-d8	*101 %*		*Surr Limits: (71-126%)*				*07/22/09 02:26*	*MF*	*9G21097*	*8260B*