October 2, 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:

On behalf of Emerson Electric Co. and its subsidiary, Emerson Power Transmission Corp. (EPT), WSP Environment & Energy, conducted follow up groundwater sampling within the south tank of the fire water reservoir at the EPT site in Ithaca, New York (the site). The objective of the sampling was to confirm the initial levels of volatile organic compounds (VOCs) detected directly below the reservoir. This letter summarizes the scope and results of the sampling.

The follow up sampling was conducted on August 28, 2009 and included re-development of the five monitoring points installed within the south tank of the fire water reservoir followed by low flow groundwater sampling. This letter 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.

Scope of Work

On August 27, 2009, WSP re-developed each of the monitoring point to ensure that representative groundwater was present for sampling. Each monitoring point was developed with a submersible pump and dedicated tubing. Each point was purged at a rate of 0.5 gallons per minute or less to minimize draw-down. During the purge, the temperature, pH, specific conductance, and turbidity were monitored using a water-quality meter, and measurements were collected every 0.5 to 1.25 gallons, depending on the pumping rate and the initial water volume in each monitoring point. Re-development was considered to be complete when at least three well volumes of water were removed from each monitoring point, the last three water quality readings were within 10 percent of each other, and the appearance of the water was clear. The purge water was contained in a new U.S. Department of Transportation-approved 55-gallon drum and moved to the onsite treatment building.

On August 28, 2009, WSP collected follow up groundwater samples from monitoring points MP-1, MP-2, MP-3, MP-4, and MP-5 (Figure 1). The monitoring points were purged and sampled using low-flow methods in accordance with WSP SOPs and EPA guidance. The groundwater sampling logs are presented in Attachment 1. The groundwater samples were submitted under

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chain of custody to Test America in Amherst, New York. The groundwater samples were submitted to the laboratory for analysis of VOCs using EPA Method 8260.

Sampling Results

Results of the groundwater samples collected from the five monitoring point are summarized in Table 1. The laboratory data sheets are included as Attachment 2.

A review of the follow up sampling results indicate that VOC levels were generally consistent with the initial sampling results and trichloroethylene (TCE) and cis1,2-dichlororethylene (DCE) were the primary compounds detected in each of the samples. TCE concentrations ranged from 13 μg/l (MP-3) to 560 μg/l (MP-1). DCE was detected at concentrations ranging from 16 μg/l in MP-3 to 380 μg/l in MP-1. As indicated in the Supplemental Pre-Design Investigation, dated August 26, 2009, these VOC levels are well below levels detected in monitoring and extraction wells installed near and downgradient of the reservoir.

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

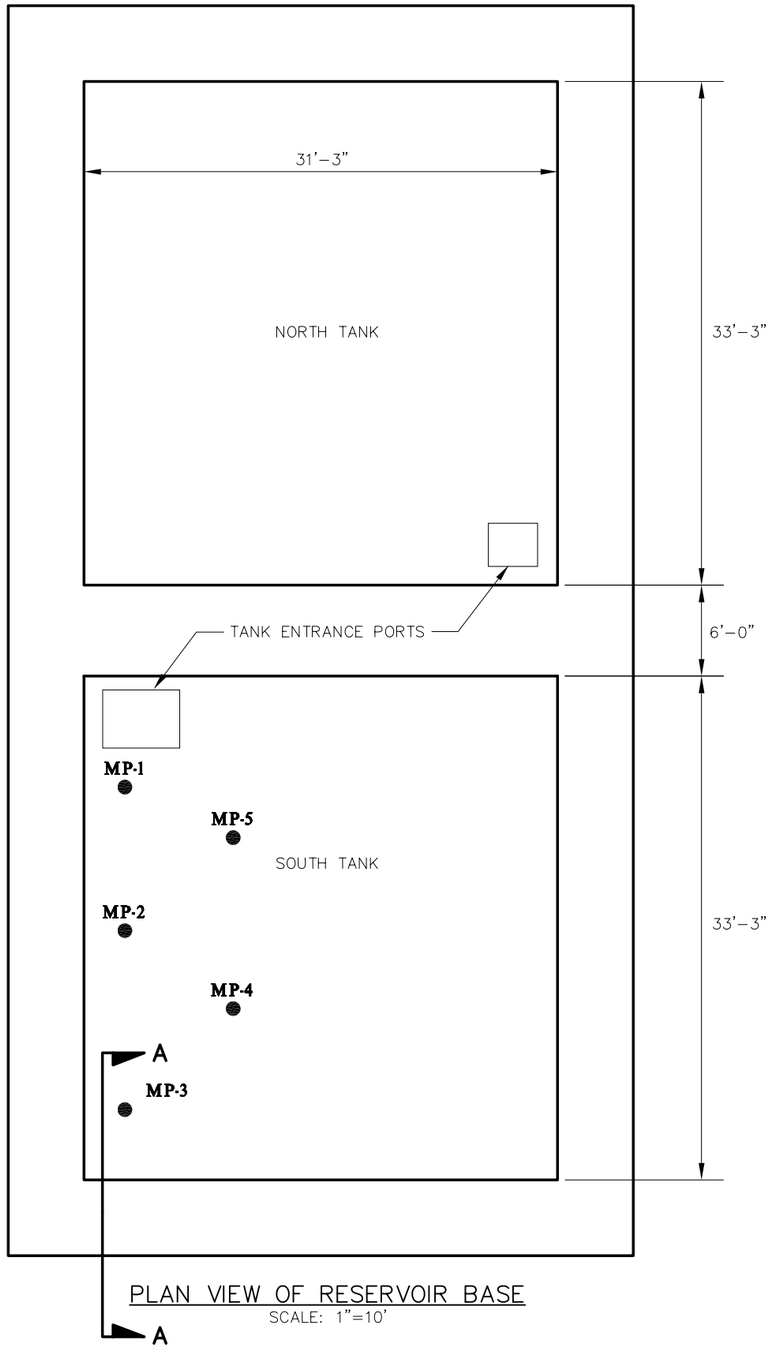
Enclosure

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

Figure

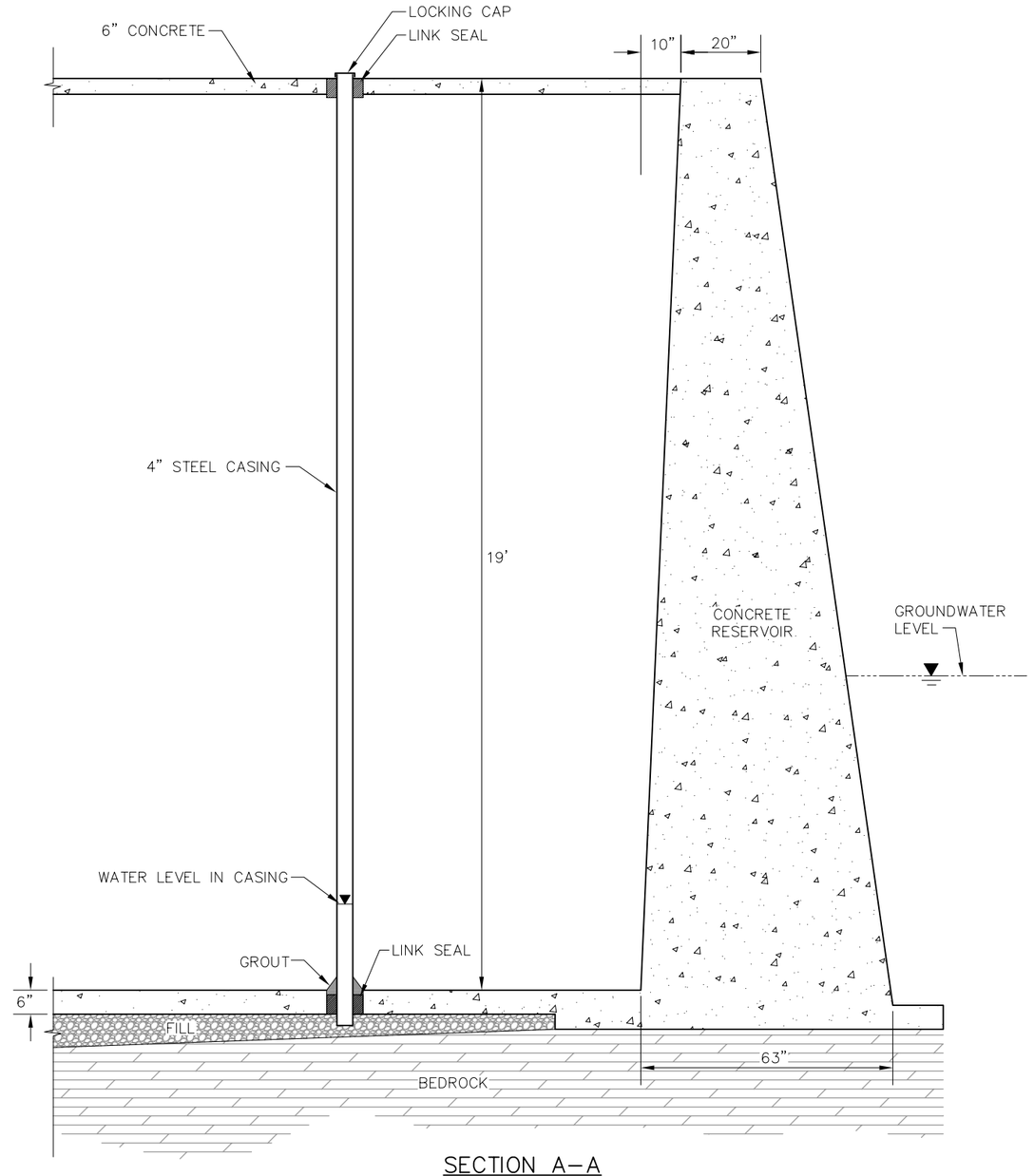
LEGEND

● MONITORING POINT LOCATION



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

MONITORING POINT



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 1

FIREWATER RESERVOIR
MONITORING POINT LOCATIONS

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Table

Table 1

Fire-water Reservoir Investigation Monitoring Point Sampling Results
Emerson Power Transmission
Ithaca, New York
August 28, 2009 (a)

Well ID:	Evaluation	MP-1	MP-2	MP-3	MP-4	MP-5 (c)	
Sample ID:	Criteria	MP-1	MP-2	MP-3	MP-4	MP-5	MP-0809
Date:	(b)	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009	8/28/2009
VOCs (µg/l)							
1,1-Dichloroethene	5	**7.8**	0.91 J	1.0 U	1.1	3.1	3.1
Bromodichloromethane	50	1.0 U	0.86 J	1.7	1.0 U	1.0 U	1.0 U
Carbon disulfide	60	14	**64**	5	6.6	17	17
Chloroform	7	**8.8**	**22**	**35**	**9**	0.94 J	0.89 J
cis-1,2-Dichloroethene	5	**380 D**	**52**	**16**	**150 D**	**300 D**	**290 D**
Dibromochloromethane	5	1.0 U	1.0 U	1.8	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	3.2	0.8 J	1.0 U	1.0 U	0.53 J	0.51 J
Toluene	5	2.3	2.6	1.0 U	1.0 U	0.54 J	1.0 U
trans-1,2-Dichloroethene	5	3.2	0.54 J	1.0 U	0.52 J	1.2	1.3
Trichloroethene	5	**560 D**	**65**	**13**	**35**	**67**	**67**
Vinyl Chloride	2	**92**	**16**	**5.9**	**36**	**90**	**93**
Total VOCs		**1,071**	**225**	**78**	**238**	**480**	**473**

a\ VOCs = volatile organic compounds; µg/l = micrograms per liter; U = analyte not detected above Reporting Limit; J = analyte detected at a level less than the Reporting Limit and greater than or equal to the Method Dection Limit; D = dilution required due to high concentration of target analytes.

b\ Concentrations in bold exceed evaluation criteria. Evaluation criteria for VOCs are from the New York State Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Table 5: New York State Ambient Water Quality Standards and Guidance Values.

c\ MW-0809 is a blind duplicate of MP-5.

Attachment 1 – Development and Sampling Logs

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Low-Flow Groundwater Sampling Monitoring Form

Well ID	**MP-1**	**Site ID:**	**EPT - Ithaca, New York**	**Sample Date:**	8/28/2009
Well Diameter	4 in	**Sampling Event:**	**Quarterly Groundwater Sampling, August 2009**		
Depth to Water	19.89 ft				
Total Well Depth	21.45 ft	**Samplers**	ESR		
Screen Length	NA ft	**Weather Conditions and Notes:**	Mostly Cloudy, 70ºF		
Pump Intake	20.5 ft	**Flow Rate**	~100		

Instrument Calibration Information

pH Meter Calibration			**Horiba U52 with flow-through cell**
7.00 Stand.	pH 4.01 Stand	Slope (mV/pH)	Notes on calibration:
			Calibrated to manufacturer's specifications using auto-calibration standard solution
Air temp =	70 ºF		

Well Purging Information

Start purge: | End purge: | Pump Type: QED Sample pro w/ MP-15 and CO_2

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP (mV)	Appearance of Purge Water	Flow Rate (mL/min)
1000	17.91	Init	8.69	0.351	28.0	2.19	22.02	-121	clear	100
1005	19.99	0.5	8.91	0.300	27.5	0.64	21.18	-166	clear	100
1010	19.99	1.0	8.88	0.291	26.0	0.29	21.07	-113	clear	100
1015	20.00	1.5	8.73	0.292	21.0	0.00	20.97	-104	clear	50
1020	20.00	2.0	8.58	0.293	19.1	0.00	20.97	-97	clear	50
1025	19.99	2.3	8.55	0.294	18.0	0.00	21.17	-98	clear	75
1030	20.00	3.0	8.48	0.294	16.9	0.00	21.21	-104	clear	75
1035	End purge. Collected sample MP-1 for VOC analysis									

Laboratory Analysis Information

# of Bottles	Analytes	Collection Method	Preservative	Bottle Type	Anal. Lab.	Filtered/ Unfiltered	Sample Time	Comments
2	Vocs (8260)	Low flow	HCl	VOA	TestAmerica	Unfiltered	1035	MP-1

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Low-Flow Groundwater Sampling Monitoring Form

Well ID	**MP-2**	**Site ID:**	**EPT - Ithaca, New York**	**Sample Date:**	8/28/2009
Well Diameter	4 in	**Sampling Event:**	**Quarterly Groundwater Sampling, August 2009**		
Depth to Water	19.71 ft				
Total Well Depth	21.4 ft	**Samplers**	ESR		
Screen Length	NA ft	**Weather Conditions and Notes:**	Mostly Cloudy, mid 70ºF		
Pump Intake	20.4 ft	**Flow Rate**	~100		

Instrument Calibration Information

pH Meter Calibration			**Horiba U52 with flow-through cell**
7.00 Stand.	pH 4.01 Stand	Slope (mV/pH)	Notes on calibration:
			Calibrated to manufacturer's specifications using auto-calibration standard solution
Air temp =	70 ºF		

Well Purging Information

Start purge: | End purge: | Pump Type: QED Sample pro w/ MP-15 and CO_2

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP (mV)	Appearance of Purge Water	Flow Rate (mL/min)
1355	19.73	0.5	9.28	0.318	24.1	2.25	22.46	66	clear	100
1400	19.80	1.0	9.26	0.318	22.8	0.34	22.67	54	clear	100
1405	19.82	1.5	9.31	0.323	21.1	0.00	22.31	44	clear	100
1415	19.82	2.0	9.47	0.326	15.7	0.00	21.52	12	clear	100
1420	19.82	3.0	9.58	0.325	11.5	0.00	21.44	-4	clear	100
1425	19.82	3.5	9.69	0.326	7.2	0.00	21.28	-19	clear	100
1430	19.84	4.0	9.71	0.328	4.3	0.00	21.22	-26	clear	100
1435	19.85	4.5	9.65	0.330	2.6	0.00	21.28	-31	clear	100
1440	19.8	5.0	9.65	0.333	1.8	0.00	21.32	-32	clear	100

Laboratory Analysis Information

# of Bottles	Analytes	Collection Method	Preservative	Bottle Type	Anal. Lab.	Filtered/ Unfiltered	Sample Time	Comments
2	Vocs (8260)	Low flow	HCl	VOA	TestAmerica	Unfiltered	1445	MP-2
2	Matrix Spike	Low flow	HCl	VOA	TestAmerica	Unfiltered	1445	MP-2MS
2	Spike Duplicate	Low flow	HCl	VOA	TestAmerica	Unfiltered	1445	MP-2MSD

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Low-Flow Groundwater Sampling Monitoring Form

Well ID	**MP-3**	**Site ID:**	**EPT - Ithaca, New York**	**Sample Date:**	8/28/2009
Well Diameter	4 in	**Sampling Event:**	**Quarterly Groundwater Sampling, August 2009**		
Depth to Water	19.82 ft				
Total Well Depth	21.75 ft	**Samplers**	ESR		
Screen Length	NA ft	**Weather Conditions and Notes:**	Mostly Cloudy, 70ºF		
Pump Intake	20.75 ft	**Flow Rate**	~100		

Instrument Calibration Information

pH Meter Calibration			**Horiba U52 with flow-through cell**
7.00 Stand.	pH 4.01 Stand	Slope (mV/pH)	Notes on calibration:
			Calibrated to manufacturer's specifications using auto-calibration standard solution
Air temp =	70 ºF		

Well Purging Information

Start purge: | End purge: | Pump Type: QED Sample pro w/ MP-15 and CO_2

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP (mV)	Appearance of Purge Water	Flow Rate (mL/min)
1115	19.88	0.5	8.26	0.362	21.9	0.99	20.98	-123	clear	100
1130	19.94	2.0	7.98	0.373	13.1	0.00	20.05	-156	clear	100
1135	19.94	2.5	7.98	0.374	9.5	0.00	20.03	-146	clear	100
1140	19.94	3.0	7.93	0.375	6.2	0.00	19.97	-143	clear	100
1145	19.95	3.5	7.90	0.377	3.8	0.00	19.96	-138	clear	100
1150	Collected 2 VOAs for VOC analysis									

Laboratory Analysis Information

# of Bottles	Analytes	Collection Method	Preservative	Bottle Type	Anal. Lab.	Filtered/ Unfiltered	Sample Time	Comments
2	Vocs (8260)	Low flow	HCl	VOA	TestAmerica	Unfiltered	1150	MP-3

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Low-Flow Groundwater Sampling Monitoring Form

Well ID	**MP-4**	**Site ID:**	**EPT - Ithaca, New York**	**Sample Date:**	8/28/2009
Well Diameter	4 in	**Sampling Event:**	**Quarterly Groundwater Sampling, August 2009**		
Depth to Water	19.52 ft				
Total Well Depth	21.35 ft	**Samplers**	ESR		
Screen Length	NA ft	**Weather Conditions and Notes:**	Mostly Cloudy, 70ºF		
Pump Intake	20.35 ft	**Flow Rate**	~100		

Instrument Calibration Information

pH Meter Calibration			**Horiba U52 with flow-through cell**
7.00 Stand.	pH 4.01 Stand	Slope (mV/pH)	Notes on calibration:
			Calibrated to manufacturer's specifications using auto-calibration standard solution
Air temp =	70 ºF		

Well Purging Information

Start purge: | End purge: | Pump Type: QED Sample pro w/ MP-15 and CO_2

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP (mV)	Appearance of Purge Water	Flow Rate (mL/min)
1220	19.62	0.5	7.25	0.351	28.0	2.19	22.02	-121	clear	100
1225	19.62	1.0	7.64	0.300	27.5	0.64	21.18	-166	clear	100
1230	19.63	1.5	8.30	0.291	26.0	0.29	21.07	-113	clear	100
1235	19.63	2.0	8.30	0.292	21.0	0.00	20.97	-104	clear	50
1240	19.64	2.5	8.22	0.293	19.1	0.00	20.97	-97	clear	50
1245	Collected 2 VOAs for VOC analysis labeled MP-4 and packed on ice									

Laboratory Analysis Information

# of Bottles	Analytes	Collection Method	Preservative	Bottle Type	Anal. Lab.	Filtered/ Unfiltered	Sample Time	Comments
2	Vocs (8260)	Low flow	HCl	VOA	TestAmerica	Unfiltered	1245	MP-4

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Low-Flow Groundwater Sampling Monitoring Form

Well ID	**MP-5**	**Site ID:**	**EPT - Ithaca, New York**	**Sample Date:**	8/28/2009
Well Diameter	4 in	**Sampling Event:**	**Quarterly Groundwater Sampling, August 2009**		
Depth to Water	19.88 ft				
Total Well Depth	21.45 ft	**Samplers**	ESR		
Screen Length	NA ft	**Weather Conditions and Notes:**	Cloudy and light rain, 70ºF		
Pump Intake	20.45 ft	**Flow Rate**	~100		

Instrument Calibration Information

pH Meter Calibration			**Horiba U52 with flow-through cell**
7.00 Stand.	pH 4.01 Stand	Slope (mV/pH)	Notes on calibration:
			Calibrated to manufacturer's specifications using auto-calibration standard solution
Air temp =	70 ºF		

Well Purging Information — Start purge: — End purge: — Pump Type: QED Sample pro w/ MP-15 and CO_2

Time	DTW	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	D.O. (mg/l) *	T (ºC)	ORP (mV)	Appearance of Purge Water	Flow Rate (mL/min)
1455	19.97	0.5	8.63	0.411	31.2	0.17	20.59	-169	clear	100
1500	19.98	1.0	8.47	0.417	18.3	0.00	20.33	-144	clear	100
1505	19.98	1.5	8.27	0.422	8.2	0.00	20.10	-184	clear	100
1510	20.02	2.0	8.11	0.423	4.9	0.00	19.97	-169	clear	100
1515	20.01	2.5	7.97	0.423	3.6	0.00	19.93	-147	clear	100
1520	20.07	3.0	7.87	0.424	2.5	0.00	19.85	-145	clear	100
1525	20.08	3.5	7.90	0.424	3.0	0.00	19.87	-144	clear	100

Laboratory Analysis Information

# of Bottles	Analytes	Collection Method	Preservative	Bottle Type	Anal. Lab.	Filtered/ Unfiltered	Sample Time	Comments
2	Vocs (8260)	Low flow	HCl	VOA	TestAmerica	Unfiltered	1530	MP-5
2	Vocs (8260)	Low flow	HCl	VOA	TestAmerica	Unfiltered	1534	MP-0809 Blind dup

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Groundwater Sampling Monitoring Form

Well ID	**MP-1**	**Site:**	**EPT - Ithaca, NY**	**Purge Date:**	8/27/2009
Well Diameter	4 in	**Sampling Event**	**Fire-water Reservoir Investigation - Monitoring Point Re-development**		
Depth to Water (btoc)	19.89 ft	**Field Personel**	Erik Reinert		
Total Well Depth (btoc)	21.45 ft	**Weather Conditions:**	Partly Cloudy, mid 70's		
Height of Water Column	1.6 ft	**Notes:**	Submersible pump and dedicated HDPE tubing.		
Well Volume	1.0 gal				

Instrument Calibration Information

D.O. Meter Calibration		ORP Meter Calibration		S.C. Meter Calibration		
DO slope =		ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =	mg/L	T of stand.				
Air temp =	ºC	Standard used:				

pH Meter Calibration		
pH of Stand. 1	pH of Stand. 2	Slope

Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution.

Well Purging Information

Time	Purge Volume (gal)	T (ºC)	pH	S.C. (mS/cm)	Turb. (NTU)	Notes
1811	Initial	20.36	8.23	0.305	194	
1813	1.0	19.76	8.26	0.288	96.6	
1815	2.0	19.59	8.29	0.298	82.3	
1817	3.0	19.7	8.26	0.307	63.9	
1820	4.0	19.85	8.24	0.312	287	
1822	5.0	19.83	8.24	0.313	126	Parameter stabilized and well has drawn down to pump intake. End purge.

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Groundwater Sampling Monitoring Form

Well ID	**MP-2**	**Site:**	**EPT - Ithaca, NY**	**Purge Date:**	8/27/2009
Well Diameter	4 in	**Sampling Event**	**Fire-water Reservoir Investigation - Monitoring Point Re-development**		
Depth to Water (btoc)	19.71 ft	**Field Personel**	Erik Reinert		
Total Well Depth (btoc)	21.4 ft	**Weather Conditions:**	Partly Cloudy, mid 70's		
Height of Water Column	1.7 ft	**Notes:**	Submersible pump and dedicated HDPE tubing.		
Well Volume	1.1 gal				

Instrument Calibration Information

D.O. Meter Calibration		ORP Meter Calibration		S.C. Meter Calibration		
DO slope =		ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =	mg/L	T of stand.				
Air temp =	ºC	Standard used:				

pH Meter Calibration		
pH of Stand. 1	pH of Stand. 2	Slope

Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution.

Well Purging Information

Purge Volume (gal)	T (ºC)	pH	S.C. (mS/cm)	Turb. (NTU)	Notes
Init	22	9.96	0.282	163	
0.5	21.02	11.46	0.656	223	
1.0	20.51	11.43	0.587	196	
1.5	20.11	10.90	0.393	137	
2.0	20.03	9.94	0.355	52	
2.5	19.97	9.52	0.373	40.7	
3.0	19.85	9.27	0.38	26.6	Turned up pumping rate and well went dry. Will allow recharge and resume at slower rate.
5.0	19.97	9.00	0.391	184	
6.0	19.71	8.89	0.387	95.1	
7.0	19.6	8.76	0.383	34	
8.0	19.7	8.66	0.381	36	Well purged dry at 8 gallons. Parameter almost stabilized. Will allow recharge and check for stabilization.
9.0	19.71	8.58	0.381	16.6	
10.0	19.86	8.59	0.368	6.1	End devlopment at 10 gallons.

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Groundwater Sampling Monitoring Form

Well ID	**MP-3**	**Site:**	**EPT - Ithaca, NY**	**Purge Date:**	8/27/2009
Well Diameter	4 in	**Sampling Event**	**Fire-water Reservoir Investigation - Monitoring Point Re-development**		
Depth to Water (btoc)	19.84 ft	**Field Personel**	Erik Reinert		
Total Well Depth (btoc)	21.75 ft	**Weather Conditions:**	Partly Cloudy, mid 70's		
Height of Water Column	1.9 ft	**Notes:**	Submersible pump and dedicated HDPE tubing.		
Well Volume	1.2 gal				

Instrument Calibration Information

D.O. Meter Calibration			ORP Meter Calibration		S.C. Meter Calibration		
DO slope =			ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =		mg/L	T of stand.				
Air temp =		ºC	Standard used:				

pH Meter Calibration		
pH of Stand. 1	pH of Stand. 2	Slope

Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution.

Well Purging Information

Time	Purge Volume (gal)	T (ºC)	pH	S.C. (mS/cm)	Turb. (NTU)	Notes
1701	Initial	20	8.45	0.281	61.2	
1704	1.25	19.74	8.25	0.327	42.5	
1707	2.50	19.5	8.05	0.35	22	
1709	3.75	19.31	7.93	0.366	10.1	
1711	5.00	19.62	7.89	0.373	4.5	Well purged dry. Will allow recharge and resume.
1717	Resume Development					
1724	6.25	19.64	7.83	0.379	17.2	
1727	7.50	19.48	7.79	0.382	13.4	
1728	Parameters Stabilized. End Purge					

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Groundwater Sampling Monitoring Form

Well ID	**MP-4**	**Site:**	**EPT - Ithaca, NY**	**Purge Date:**	8/27/2009
Well Diameter	4 in	**Sampling Event**	**Fire-water Reservoir Investigation - Monitoring Point Re-development**		
Depth to Water (btoc)	19.52 ft	**Field Personel**	Erik Reinert		
Total Well Depth (btoc)	21.35 ft	**Weather Conditions:**	Partly Cloudy, mid 70's		
Height of Water Column	1.8 ft	**Notes:**	Submersible pump and dedicated HDPE tubing.		
Well Volume	1.2 gal				

Instrument Calibration Information

D.O. Meter Calibration		ORP Meter Calibration		S.C. Meter Calibration		
DO slope =		ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =	mg/L	T of stand.				
Air temp =	ºC	Standard used:				

pH Meter Calibration		
pH of Stand. 1	pH of Stand. 2	Slope

Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution.

Well Purging Information

Time	Purge Volume (gal)	T (ºC)	pH	S.C. (mS/cm)	Turb. (NTU)	Notes
1740	0.8	19.58	8.13	0.304	510	
1742	2.0	19.23	8.07	0.349	350	
1745	3.5	19.27	7.99	0.367	254	
1747	4.5	19.08	7.93	0.374	88.1	
1750	6.5	18.98	7.89	0.382	28.9	
1752	7.5	19.91	7.86	0.385	29	
1754	8.5	18.88	7.87	0.385	17.3	Parameters stabilized. End development.

WSP Environment & Energy
5 Sullivan Street
Cazenovia, NY 13035 (315) 655-3900 • Fax (315) 655-3907

Groundwater Sampling Monitoring Form

Well ID	**MP-5**	**Site:**	**EPT - Ithaca, NY**	**Purge Date:**	8/27/2009
Well Diameter	4 in	**Sampling Event**	**Fire-water Reservoir Investigation - Monitoring Point Re-development**		
Depth to Water (btoc)	19.78 ft	**Field Personel**	Erik Reinert		
Total Well Depth (btoc)	21.45 ft	**Weather Conditions:**	Partly Cloudy, mid 70's		
Height of Water Column	1.7 ft	**Notes:**	Submersible pump and dedicated HDPE tubing.		
Well Volume	1.1 gal				

Instrument Calibration Information

D.O. Meter Calibration		ORP Meter Calibration		S.C. Meter Calibration		
DO slope =		ORP in stand.		Expected S.C.	Measured S.C.	Notes
DO in air =	mg/L	T of stand.				
Air temp =	°C	Standard used:				

pH Meter Calibration		
pH of Stand. 1	pH of Stand. 2	Slope

Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution.

Well Purging Information

Time	Purge Volume (gal)	T (°C)	pH	S.C. (mS/cm)	Turb. (NTU)	Notes
1811	Initial	20.02	8.35	0.307	124	
1813	1.0	19.76	8.36	0.33	35.5	
1815	2.0	20.1	8.04	Error	31	
1817	3.0	19.48	8.17	0.383	26.3	
1820	4.0	19.45	8.14	0.389	22.7	
1822	5.0	19.35	8.05	0.394	15.7	
1824	6.0	Well purged dry. Purge complete.				

Attachment 2 – Laboratory Data Sheets

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSH0910

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

Tuesday, September 15, 2009

Revision: 1

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

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	T10470441208-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 accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

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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.

WSP Environmental Strategies - Reston, VA
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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.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
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.

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Received: 08/29/09
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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-01 (MP-1 - Water)					**Sampled: 08/28/09 10:35**		**Recvd: 08/29/09 09:10**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**7.8**		1.0	0.29	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Carbon disulfide	**14**		1.0	0.19	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Chloroform	**8.8**		1.0	0.34	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**320**	E	1.0	0.38	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Tetrachloroethene	**3.2**		1.0	0.36	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Toluene	**2.3**		1.0	0.51	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**3.2**		1.0	0.42	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Trichloroethene	**460**	E	1.0	0.46	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Vinyl chloride	**92**		1.0	0.24	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Sample ID: RSH0910-01RE1 (MP-1 - Water)					**Sampled: 08/28/09 10:35**		**Recvd: 08/29/09 09:10**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**7.9**	D08,J	10	2.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Carbon disulfide	**8.7**	D08,J	10	1.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Chloroform	**9.6**	D08,J	10	3.4	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**380**	D08	10	3.8	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Trichloroethene	**560**	D08	10	4.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Vinyl chloride	**110**	D08	10	2.4	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Sample ID: RSH0910-02 (MP-3 - Water)					**Sampled: 08/28/09 11:50**		**Recvd: 08/29/09 09:10**			
Volatile Organic Compounds by EPA 8260B										
Bromodichloromethane	**1.7**		1.0	0.39	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Carbon disulfide	**5.0**		1.0	0.19	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Dibromochloromethane	**1.8**		1.0	0.32	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Chloroform	**35**		1.0	0.34	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**16**		1.0	0.38	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Trichloroethene	**13**		1.0	0.46	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Vinyl chloride	**5.9**		1.0	0.24	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Sample ID: RSH0910-04 (MP-4 - Water)					**Sampled: 08/28/09 12:45**		**Recvd: 08/29/09 09:10**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**1.1**		1.0	0.29	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Carbon disulfide	**6.6**		1.0	0.19	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Chloroform	**9.0**		1.0	0.34	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**140**	E	1.0	0.38	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**0.52**	J	1.0	0.42	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Trichloroethene	**35**		1.0	0.46	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Vinyl chloride	**36**		1.0	0.24	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Sample ID: RSH0910-04RE1 (MP-4 - Water)					**Sampled: 08/28/09 12:45**		**Recvd: 08/29/09 09:10**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**0.96**	D08,J	2.0	0.59	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Carbon disulfide	**4.3**	D08	2.0	0.39	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Chloroform	**9.3**	D08	2.0	0.67	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**150**	D08	2.0	0.77	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Trichloroethene	**33**	D08	2.0	0.92	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B

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Work Order: RSH0910

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Reported: 09/15/09 22:21

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-04RE1 (MP-4 - Water) - cont.						**Sampled: 08/28/09 12:45**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Vinyl chloride	**43**	D08	2.0	0.49	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Sample ID: RSH0910-05 (MP-2 - Water)						**Sampled: 08/28/09 14:45**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**0.91**	J	1.0	0.29	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Bromodichloromethane	**0.86**	J	1.0	0.39	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Carbon disulfide	**64**		1.0	0.19	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Chloroform	**22**		1.0	0.34	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**52**		1.0	0.38	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Tetrachloroethene	**0.80**	J	1.0	0.36	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Toluene	**2.6**		1.0	0.51	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**0.54**	J	1.0	0.42	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Trichloroethene	**65**		1.0	0.46	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Vinyl chloride	**16**		1.0	0.24	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Sample ID: RSH0910-08 (MP-5 - Water)						**Sampled: 08/28/09 15:30**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**3.1**		1.0	0.29	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Carbon disulfide	**17**		1.0	0.19	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Chloroform	**0.94**	J	1.0	0.34	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**260**	E	1.0	0.38	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Tetrachloroethene	**0.53**	J	1.0	0.36	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Toluene	**0.54**	J	1.0	0.51	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**1.2**		1.0	0.42	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Trichloroethene	**67**		1.0	0.46	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Vinyl chloride	**90**		1.0	0.24	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Sample ID: RSH0910-08RE1 (MP-5 - Water)						**Sampled: 08/28/09 15:30**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**3.0**	D08,J	5.0	1.5	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Carbon disulfide	**10**	D08	5.0	0.97	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**300**	D08	5.0	1.9	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Trichloroethene	**69**	D08	5.0	2.3	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Vinyl chloride	**120**	D08	5.0	1.2	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Sample ID: RSH0910-09 (MP-0809 - Water)						**Sampled: 08/28/09 15:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**3.1**		1.0	0.29	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Carbon disulfide	**17**		1.0	0.19	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Chloroform	**0.89**	J	1.0	0.34	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**260**	E	1.0	0.38	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Tetrachloroethene	**0.51**	J	1.0	0.36	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**1.3**		1.0	0.42	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Trichloroethene	**67**		1.0	0.46	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Vinyl chloride	**93**		1.0	0.24	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Sample ID: RSH0910-09RE1 (MP-0809 - Water)						**Sampled: 08/28/09 15:40**		**Recvd: 08/29/09 09:10**		

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-09RE1 (MP-0809 - Water) - cont.						**Sampled: 08/28/09 15:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	**2.8**	D08,J	5.0	1.5	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Carbon disulfide	**9.8**	D08	5.0	0.97	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**290**	D08	5.0	1.9	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Trichloroethene	**67**	D08	5.0	2.3	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Vinyl chloride	**120**	D08	5.0	1.2	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Sample ID: RSH0910-10 (MP-5 - Water)						**Sampled: 08/28/09 17:30**		**Recvd: 08/29/09 09:10**		
Petroleum Fingerprint by Method 310.13										
Motor Oil	**3.0**		0.94	0.11	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13

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Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
MP-1	RSH0910-01	Water	08/28/09 10:35	08/29/09 09:10	
MP-3	RSH0910-02	Water	08/28/09 11:50	08/29/09 09:10	
EB082809	RSH0910-03	Water	08/28/09 12:40	08/29/09 09:10	
MP-4	RSH0910-04	Water	08/28/09 12:45	08/29/09 09:10	
MP-2	RSH0910-05	Water	08/28/09 14:45	08/29/09 09:10	
MP-5	RSH0910-08	Water	08/28/09 15:30	08/29/09 09:10	
MP-0809	RSH0910-09	Water	08/28/09 15:40	08/29/09 09:10	
MP-5	RSH0910-10	Water	08/28/09 17:30	08/29/09 09:10	
TB082809	RSH0910-11	Water	08/28/09	08/29/09 09:10	

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-01 (MP-1 - Water)						**Sampled: 08/28/09 10:35**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,1-Dichloroethene	**7.8**		1.0	0.29	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Carbon disulfide	**14**		1.0	0.19	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Chloroform	**8.8**		1.0	0.34	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**320**	E	1.0	0.38	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Tetrachloroethene	**3.2**		1.0	0.36	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Toluene	**2.3**		1.0	0.51	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**3.2**		1.0	0.42	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Trichloroethene	**460**	E	1.0	0.46	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
Vinyl chloride	**92**		1.0	0.24	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-01 (MP-1 - Water) - cont.						**Sampled: 08/28/09 10:35**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 03:16	NMD	9H31088	8260B
1,2-Dichloroethane-d4	*94 %*		*Surr Limits: (66-137%)*				*09/01/09 03:16*	*NMD*	*9H31088*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits: (73-120%)*				*09/01/09 03:16*	*NMD*	*9H31088*	*8260B*
Toluene-d8	*106 %*		*Surr Limits: (71-126%)*				*09/01/09 03:16*	*NMD*	*9H31088*	*8260B*

WSP Environmental Strategies - Reston, VA
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Work Order: RSH0910

Project: Emerson Power Transmission - Ithaca, NY
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Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-01RE1 (MP-1 - Water)						**Sampled: 08/28/09 10:35**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	10	2.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,1,2,2-Tetrachloroethane	ND	D08	10	2.1	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,1,2-Trichloroethane	ND	D08	10	2.3	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	10	3.1	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,1-Dichloroethane	ND	D08	10	3.8	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,1-Dichloroethene	**7.9**	D08,J	10	2.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,2,4-Trichlorobenzene	ND	D08	10	4.1	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,2-Dibromo-3-chloropropane	ND	D08	10	3.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,2-Dibromoethane	ND	D08	10	1.7	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,2-Dichlorobenzene	ND	D08	10	2.0	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,2-Dichloroethane	ND	D08	10	2.1	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,2-Dichloropropane	ND	D08	10	3.2	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,3-Dichlorobenzene	ND	D08	10	3.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,4-Dichlorobenzene	ND	D08	10	3.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
2-Butanone	ND	D08	50	13	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
2-Hexanone	ND	D08	50	12	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
4-Methyl-2-pentanone	ND	D08	50	9.1	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Acetone	ND	D08	50	13	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Benzene	ND	D08	10	4.1	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Bromodichloromethane	ND	D08	10	3.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Bromoform	ND	D08	10	2.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Bromomethane	ND	D08	10	2.8	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Carbon disulfide	**8.7**	D08,J	10	1.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Carbon Tetrachloride	ND	D08	10	2.7	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Chlorobenzene	ND	D08	10	3.2	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Dibromochloromethane	ND	D08	10	3.2	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Chloroethane	ND	D08,L	10	3.2	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Chloroform	**9.6**	D08,J	10	3.4	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Chloromethane	ND	D08	10	3.5	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**380**	D08	10	3.8	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
cis-1,3-Dichloropropene	ND	D08	10	3.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Cyclohexane	ND	D08	10	5.3	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Dichlorodifluoromethane	ND	D08	10	2.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Ethylbenzene	ND	D08	10	1.8	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Isopropylbenzene	ND	D08	10	1.9	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Methyl Acetate	ND	D08	10	5.0	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	10	1.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Methylcyclohexane	ND	D08	10	5.0	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Methylene Chloride	ND	D08	10	4.4	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Styrene	ND	D08	10	1.8	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Tetrachloroethene	ND	D08	10	3.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Toluene	ND	D08	10	5.1	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
trans-1,2-Dichloroethene	ND	D08	10	4.2	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
trans-1,3-Dichloropropene	ND	D08	10	3.7	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Trichloroethene	**560**	D08	10	4.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Trichlorofluoromethane	ND	D08	10	1.5	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
Vinyl chloride	**110**	D08	10	2.4	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-01RE1 (MP-1 - Water) - cont.						**Sampled: 08/28/09 10:35**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	20	6.6	ug/L	10.0	09/01/09 13:31	DHC	9I01003	8260B
1,2-Dichloroethane-d4	*97 %*	*D08*	*Surr Limits: (66-137%)*				*09/01/09 13:31*	*DHC*	*9I01003*	*8260B*
4-Bromofluorobenzene	*94 %*	*D08*	*Surr Limits: (73-120%)*				*09/01/09 13:31*	*DHC*	*9I01003*	*8260B*
Toluene-d8	*98 %*	*D08*	*Surr Limits: (71-126%)*				*09/01/09 13:31*	*DHC*	*9I01003*	*8260B*

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Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-02 (MP-3 - Water)						**Sampled: 08/28/09 11:50**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Bromodichloromethane	**1.7**		1.0	0.39	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Carbon disulfide	**5.0**		1.0	0.19	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Dibromochloromethane	**1.8**		1.0	0.32	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Chloroethane	ND	L	1.0	0.32	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Chloroform	**35**		1.0	0.34	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**16**		1.0	0.38	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Trichloroethene	**13**		1.0	0.46	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
Vinyl chloride	**5.9**		1.0	0.24	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B

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Reston, VA 20191

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-02 (MP-3 - Water) - cont.						**Sampled: 08/28/09 11:50**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 13:54	DHC	9I01003	8260B
1,2-Dichloroethane-d4	*96 %*		*Surr Limits: (66-137%)*				*09/01/09 13:54*	*DHC*	*9I01003*	*8260B*
4-Bromofluorobenzene	*93 %*		*Surr Limits: (73-120%)*				*09/01/09 13:54*	*DHC*	*9I01003*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*09/01/09 13:54*	*DHC*	*9I01003*	*8260B*

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-03 (EB082809 - Water)						**Sampled: 08/28/09 12:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
cis-1,2-Dichloroethene	ND		1.0	0.38	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-03 (EB082809 - Water) - cont.						**Sampled: 08/28/09 12:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 04:08	NMD	9H31088	8260B
1,2-Dichloroethane-d4	*94 %*		*Surr Limits: (66-137%)*				*09/01/09 04:08*	*NMD*	*9H31088*	*8260B*
4-Bromofluorobenzene	*112 %*		*Surr Limits: (73-120%)*				*09/01/09 04:08*	*NMD*	*9H31088*	*8260B*
Toluene-d8	*103 %*		*Surr Limits: (71-126%)*				*09/01/09 04:08*	*NMD*	*9H31088*	*8260B*

WSP Environmental Strategies - Reston, VA
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Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-04 (MP-4 - Water)						**Sampled: 08/28/09 12:45**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,1-Dichloroethene	**1.1**		1.0	0.29	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Carbon disulfide	**6.6**		1.0	0.19	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Chloroform	**9.0**		1.0	0.34	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**140**	E	1.0	0.38	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**0.52**	J	1.0	0.42	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Trichloroethene	**35**		1.0	0.46	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
Vinyl chloride	**36**		1.0	0.24	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-04 (MP-4 - Water) - cont.							**Sampled: 08/28/09 12:45**		**Recvd: 08/29/09 09:10**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 04:33	NMD	9H31088	8260B
1,2-Dichloroethane-d4	*92 %*		*Surr Limits: (66-137%)*				*09/01/09 04:33*	*NMD*	*9H31088*	*8260B*
4-Bromofluorobenzene	*110 %*		*Surr Limits: (73-120%)*				*09/01/09 04:33*	*NMD*	*9H31088*	*8260B*
Toluene-d8	*104 %*		*Surr Limits: (71-126%)*				*09/01/09 04:33*	*NMD*	*9H31088*	*8260B*

WSP Environmental Strategies - Reston, VA
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Work Order: RSH0910

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

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Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-04RE1 (MP-4 - Water)						**Sampled: 08/28/09 12:45**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	2.0	0.53	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,1,2,2-Tetrachloroethane	ND	D08	2.0	0.43	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,1,2-Trichloroethane	ND	D08	2.0	0.46	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	2.0	0.62	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,1-Dichloroethane	ND	D08	2.0	0.77	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,1-Dichloroethene	**0.96**	D08,J	2.0	0.59	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,2,4-Trichlorobenzene	ND	D08	2.0	0.82	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,2-Dibromo-3-chloropropane	ND	D08	2.0	0.79	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,2-Dibromoethane	ND	D08	2.0	0.33	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,2-Dichlorobenzene	ND	D08	2.0	0.41	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,2-Dichloroethane	ND	D08	2.0	0.43	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,2-Dichloropropane	ND	D08	2.0	0.65	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,3-Dichlorobenzene	ND	D08	2.0	0.71	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,4-Dichlorobenzene	ND	D08	2.0	0.78	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
2-Butanone	ND	D08	10	2.6	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
2-Hexanone	ND	D08	10	2.5	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
4-Methyl-2-pentanone	ND	D08	10	1.8	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Acetone	ND	D08	10	2.7	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Benzene	ND	D08	2.0	0.82	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Bromodichloromethane	ND	D08	2.0	0.77	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Bromoform	ND	D08	2.0	0.51	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Bromomethane	ND	D08	2.0	0.56	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Carbon disulfide	**4.3**	D08	2.0	0.39	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Carbon Tetrachloride	ND	D08	2.0	0.53	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Chlorobenzene	ND	D08	2.0	0.63	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Dibromochloromethane	ND	D08	2.0	0.64	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Chloroethane	ND	D08,L	2.0	0.65	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Chloroform	**9.3**	D08	2.0	0.67	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Chloromethane	ND	D08	2.0	0.69	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**150**	D08	2.0	0.77	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
cis-1,3-Dichloropropene	ND	D08	2.0	0.71	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Cyclohexane	ND	D08	2.0	1.1	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Dichlorodifluoromethane	ND	D08	2.0	0.57	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Ethylbenzene	ND	D08	2.0	0.37	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Isopropylbenzene	ND	D08	2.0	0.39	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Methyl Acetate	ND	D08	2.0	1.0	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	2.0	0.32	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Methylcyclohexane	ND	D08	2.0	0.99	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Methylene Chloride	ND	D08	2.0	0.88	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Styrene	ND	D08	2.0	0.37	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Tetrachloroethene	ND	D08	2.0	0.73	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Toluene	ND	D08	2.0	1.0	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
trans-1,2-Dichloroethene	ND	D08	2.0	0.84	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
trans-1,3-Dichloropropene	ND	D08	2.0	0.74	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Trichloroethene	**33**	D08	2.0	0.92	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Trichlorofluoromethane	ND	D08	2.0	0.30	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
Vinyl chloride	**43**	D08	2.0	0.49	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-04RE1 (MP-4 - Water) - cont.						**Sampled: 08/28/09 12:45**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	4.0	1.3	ug/L	2.00	09/01/09 14:16	DHC	9I01003	8260B
1,2-Dichloroethane-d4	*97 %*	*D08*	*Surr Limits: (66-137%)*				*09/01/09 14:16*	*DHC*	*9I01003*	*8260B*
4-Bromofluorobenzene	*92 %*	*D08*	*Surr Limits: (73-120%)*				*09/01/09 14:16*	*DHC*	*9I01003*	*8260B*
Toluene-d8	*94 %*	*D08*	*Surr Limits: (71-126%)*				*09/01/09 14:16*	*DHC*	*9I01003*	*8260B*

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Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-05 (MP-2 - Water)						**Sampled: 08/28/09 14:45**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,1-Dichloroethene	**0.91**	J	1.0	0.29	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Bromodichloromethane	**0.86**	J	1.0	0.39	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Carbon disulfide	**64**		1.0	0.19	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Chloroform	**22**		1.0	0.34	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**52**		1.0	0.38	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Tetrachloroethene	**0.80**	J	1.0	0.36	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Toluene	**2.6**		1.0	0.51	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**0.54**	J	1.0	0.42	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Trichloroethene	**65**		1.0	0.46	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
Vinyl chloride	**16**		1.0	0.24	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B

WSP Environmental Strategies - Reston, VA
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Reston, VA 20191

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-05 (MP-2 - Water) - cont.						**Sampled: 08/28/09 14:45**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 04:59	NMD	9H31088	8260B
1,2-Dichloroethane-d4	*95 %*		*Surr Limits: (66-137%)*				*09/01/09 04:59*	*NMD*	*9H31088*	*8260B*
4-Bromofluorobenzene	*109 %*		*Surr Limits: (73-120%)*				*09/01/09 04:59*	*NMD*	*9H31088*	*8260B*
Toluene-d8	*103 %*		*Surr Limits: (71-126%)*				*09/01/09 04:59*	*NMD*	*9H31088*	*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: RSH0910-08 (MP-5 - Water)						**Sampled: 08/28/09 15:30**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,1-Dichloroethene	**3.1**		1.0	0.29	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Carbon disulfide	**17**		1.0	0.19	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Chloroform	**0.94**	J	1.0	0.34	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**260**	E	1.0	0.38	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Tetrachloroethene	**0.53**	J	1.0	0.36	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Toluene	**0.54**	J	1.0	0.51	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**1.2**		1.0	0.42	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Trichloroethene	**67**		1.0	0.46	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
Vinyl chloride	**90**		1.0	0.24	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B

WSP Environmental Strategies - Reston, VA
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Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-08 (MP-5 - Water) - cont.						**Sampled: 08/28/09 15:30**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 06:16	NMD	9H31088	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits: (66-137%)*				*09/01/09 06:16*	*NMD*	*9H31088*	*8260B*
4-Bromofluorobenzene	*113 %*		*Surr Limits: (73-120%)*				*09/01/09 06:16*	*NMD*	*9H31088*	*8260B*
Toluene-d8	*104 %*		*Surr Limits: (71-126%)*				*09/01/09 06:16*	*NMD*	*9H31088*	*8260B*

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Work Order: RSH0910

Project: Emerson Power Transmission - Ithaca, NY
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-08RE1 (MP-5 - Water)						**Sampled: 08/28/09 15:30**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	5.0	1.3	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,1,2,2-Tetrachloroethane	ND	D08	5.0	1.1	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,1,2-Trichloroethane	ND	D08	5.0	1.2	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	5.0	1.5	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,1-Dichloroethane	ND	D08	5.0	1.9	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,1-Dichloroethene	**3.0**	D08,J	5.0	1.5	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,2,4-Trichlorobenzene	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,2-Dibromo-3-chloropropane	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,2-Dibromoethane	ND	D08	5.0	0.83	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,2-Dichlorobenzene	ND	D08	5.0	1.0	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,2-Dichloroethane	ND	D08	5.0	1.1	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,2-Dichloropropane	ND	D08	5.0	1.6	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,3-Dichlorobenzene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,4-Dichlorobenzene	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
2-Butanone	ND	D08	25	6.6	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
2-Hexanone	ND	D08	25	6.2	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
4-Methyl-2-pentanone	ND	D08	25	4.5	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Acetone	ND	D08	25	6.7	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Benzene	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Bromodichloromethane	ND	D08	5.0	1.9	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Bromoform	ND	D08	5.0	1.3	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Bromomethane	ND	D08	5.0	1.4	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Carbon disulfide	**10**	D08	5.0	0.97	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Carbon Tetrachloride	ND	D08	5.0	1.3	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Chlorobenzene	ND	D08	5.0	1.6	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Dibromochloromethane	ND	D08	5.0	1.6	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Chloroethane	ND	D08,L	5.0	1.6	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Chloroform	ND	D08	5.0	1.7	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Chloromethane	ND	D08	5.0	1.7	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**300**	D08	5.0	1.9	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
cis-1,3-Dichloropropene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Cyclohexane	ND	D08	5.0	2.7	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Dichlorodifluoromethane	ND	D08	5.0	1.4	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Ethylbenzene	ND	D08	5.0	0.92	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Isopropylbenzene	ND	D08	5.0	0.96	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Methyl Acetate	ND	D08	5.0	2.5	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	5.0	0.80	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Methylcyclohexane	ND	D08	5.0	2.5	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Methylene Chloride	ND	D08	5.0	2.2	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Styrene	ND	D08	5.0	0.92	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Tetrachloroethene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Toluene	ND	D08	5.0	2.6	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
trans-1,2-Dichloroethene	ND	D08	5.0	2.1	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
trans-1,3-Dichloropropene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Trichloroethene	**69**	D08	5.0	2.3	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Trichlorofluoromethane	ND	D08	5.0	0.76	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
Vinyl chloride	**120**	D08	5.0	1.2	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-08RE1 (MP-5 - Water) - cont.						**Sampled: 08/28/09 15:30**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	10	3.3	ug/L	5.00	09/01/09 14:39	DHC	9I01003	8260B
1,2-Dichloroethane-d4	*97 %*	*D08*	*Surr Limits: (66-137%)*				*09/01/09 14:39*	*DHC*	*9I01003*	*8260B*
4-Bromofluorobenzene	*95 %*	*D08*	*Surr Limits: (73-120%)*				*09/01/09 14:39*	*DHC*	*9I01003*	*8260B*
Toluene-d8	*95 %*	*D08*	*Surr Limits: (71-126%)*				*09/01/09 14:39*	*DHC*	*9I01003*	*8260B*

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Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-09 (MP-0809 - Water)						**Sampled: 08/28/09 15:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,1-Dichloroethene	**3.1**		1.0	0.29	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Carbon disulfide	**17**		1.0	0.19	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Chloroform	**0.89**	J	1.0	0.34	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
cis-1,2-Dichloroethene	**260**	E	1.0	0.38	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Tetrachloroethene	**0.51**	J	1.0	0.36	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
trans-1,2-Dichloroethene	**1.3**		1.0	0.42	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Trichloroethene	**67**		1.0	0.46	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
Vinyl chloride	**93**		1.0	0.24	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B

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Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-09 (MP-0809 - Water) - cont.						**Sampled: 08/28/09 15:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 06:41	NMD	9H31088	8260B
1,2-Dichloroethane-d4	*93 %*		*Surr Limits: (66-137%)*				*09/01/09 06:41*	*NMD*	*9H31088*	*8260B*
4-Bromofluorobenzene	*114 %*		*Surr Limits: (73-120%)*				*09/01/09 06:41*	*NMD*	*9H31088*	*8260B*
Toluene-d8	*106 %*		*Surr Limits: (71-126%)*				*09/01/09 06:41*	*NMD*	*9H31088*	*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: RSH0910-09RE1 (MP-0809 - Water)						**Sampled: 08/28/09 15:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D08	5.0	1.3	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,1,2,2-Tetrachloroethane	ND	D08	5.0	1.1	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,1,2-Trichloroethane	ND	D08	5.0	1.2	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	5.0	1.5	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,1-Dichloroethane	ND	D08	5.0	1.9	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,1-Dichloroethene	**2.8**	D08,J	5.0	1.5	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,2,4-Trichlorobenzene	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,2-Dibromo-3-chloropropane	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,2-Dibromoethane	ND	D08	5.0	0.83	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,2-Dichlorobenzene	ND	D08	5.0	1.0	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,2-Dichloroethane	ND	D08	5.0	1.1	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,2-Dichloropropane	ND	D08	5.0	1.6	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,3-Dichlorobenzene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,4-Dichlorobenzene	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
2-Butanone	ND	D08	25	6.6	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
2-Hexanone	ND	D08	25	6.2	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
4-Methyl-2-pentanone	ND	D08	25	4.5	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Acetone	ND	D08	25	6.7	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Benzene	ND	D08	5.0	2.0	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Bromodichloromethane	ND	D08	5.0	1.9	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Bromoform	ND	D08	5.0	1.3	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Bromomethane	ND	D08	5.0	1.4	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Carbon disulfide	**9.8**	D08	5.0	0.97	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Carbon Tetrachloride	ND	D08	5.0	1.3	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Chlorobenzene	ND	D08	5.0	1.6	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Dibromochloromethane	ND	D08	5.0	1.6	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Chloroethane	ND	D08,L	5.0	1.6	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Chloroform	ND	D08	5.0	1.7	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Chloromethane	ND	D08	5.0	1.7	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
cis-1,2-Dichloroethene	**290**	D08	5.0	1.9	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
cis-1,3-Dichloropropene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Cyclohexane	ND	D08	5.0	2.7	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Dichlorodifluoromethane	ND	D08	5.0	1.4	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Ethylbenzene	ND	D08	5.0	0.92	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Isopropylbenzene	ND	D08	5.0	0.96	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Methyl Acetate	ND	D08	5.0	2.5	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	5.0	0.80	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Methylcyclohexane	ND	D08	5.0	2.5	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Methylene Chloride	ND	D08	5.0	2.2	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Styrene	ND	D08	5.0	0.92	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Tetrachloroethene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Toluene	ND	D08	5.0	2.6	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
trans-1,2-Dichloroethene	ND	D08	5.0	2.1	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
trans-1,3-Dichloropropene	ND	D08	5.0	1.8	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Trichloroethene	**67**	D08	5.0	2.3	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Trichlorofluoromethane	ND	D08	5.0	0.76	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
Vinyl chloride	**120**	D08	5.0	1.2	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B

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Work Order: RSH0910

Project: Emerson Power Transmission - Ithaca, NY
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Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-09RE1 (MP-0809 - Water) - cont.						**Sampled: 08/28/09 15:40**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	10	3.3	ug/L	5.00	09/01/09 15:01	DHC	9I01003	8260B
1,2-Dichloroethane-d4	*96 %*	*D08*	*Surr Limits: (66-137%)*				*09/01/09 15:01*	*DHC*	*9I01003*	*8260B*
4-Bromofluorobenzene	*92 %*	*D08*	*Surr Limits: (73-120%)*				*09/01/09 15:01*	*DHC*	*9I01003*	*8260B*
Toluene-d8	*94 %*	*D08*	*Surr Limits: (71-126%)*				*09/01/09 15:01*	*DHC*	*9I01003*	*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: RSH0910-10 (MP-5 - Water)						**Sampled: 08/28/09 17:30**		**Recvd: 08/29/09 09:10**		
Petroleum Fingerprint by Method 310.13										
Fuel Oil #2	ND		0.094	0.038	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13
Fuel Oil #4	ND		0.19	0.11	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13
Fuel Oil #6	ND		0.47	0.093	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13
Gasoline	ND		0.19	0.023	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13
Kerosene	ND		0.19	0.15	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13
Motor Oil	**3.0**		0.94	0.11	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13
Other-1	ND		0.94	0.94	mg/L	1.00	09/03/09 09:41	MAN	9I02011	310.13

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

Work Order: RSH0910

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

Received: 08/29/09
Reported: 09/15/09 22:21

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-11 (TB082809 - Water)						**Sampled: 08/28/09**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,3-Dichlorobenzene	ND		1.0	0.36	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,4-Dichlorobenzene	ND		1.0	0.39	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
cis-1,2-Dichloroethene	ND		1.0	0.38	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B

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Work Order: RSH0910

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0910-11 (TB082809 - Water) - cont.						**Sampled: 08/28/09**		**Recvd: 08/29/09 09:10**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/01/09 07:07	NMD	9H31088	8260B
1,2-Dichloroethane-d4	*96 %*		*Surr Limits: (66-137%)*				*09/01/09 07:07*	*NMD*	*9H31088*	*8260B*
4-Bromofluorobenzene	*111 %*		*Surr Limits: (73-120%)*				*09/01/09 07:07*	*NMD*	*9H31088*	*8260B*
Toluene-d8	*105 %*		*Surr Limits: (71-126%)*				*09/01/09 07:07*	*NMD*	*9H31088*	*8260B*