Tables

Table 1

Dual Phase Extraction System Uptime
Emerson Power Transmission
Ithaca, New York
July through December 2010

Reporting Period	Downtime (hours)	Hours of Operation During Reporting Period	Total Operation Hours During Reporting Period	Uptime
July	64	680	744	91%
August	0	744	744	100%
September	0	670	670	100%
October	0	744	744	100%
November	252	443	694	64%
December	158	586	744	79%
Total Over Reporting Period (July through December 2010):	**474**	**3,866**	**4,340**	**89%**

a/ Total operation hours in sampling period adjusted to exclude downtime for preventative maintenance on the GAC units and quarterly groundwater sampling.

Table 2

Summary of Dual Phase Extraction System Operating Events
Emerson Power Transmission
Ithaca, New York
July through December 2010

Date	Summary of Events
7/3/2010	System automatically shutdown due to a remote emergency stop. No alarm email was sent by the system.
7/6/2010	Restarted system.
9/27/2010	System was shutdown for the quarterly groundwater sampling event.
9/29/2010	Restarted System.
11/11/2010	Completed preventative maintenance on the aqueous carbon units.
11/12/2010	Completed necessary hydration of the liquid-phase carbon. System restarted.
11/20/2010	System down due to vacuum blower direct drive coupler failure and low pressure alarm on the air compressor. No alarm email was sent by the system.
12/7/2010	Restarted system. The vacuum blower remained off.
1/10/2011	The vacuum blower was turned on after the direct drive coupler was replaced.

Table 3

Aqueous Phase VOC Mass Removed
Dual Phase Extraction System
Emerson Power Transmission
Ithaca, New York
July through December 2010 (a)

Sampling Period	Date	Total VOC Influent (µg/l)	Total VOC Effluent (µg/l)	Effluent Water Meter Reading (gallons)	Volume of Water Extracted (gallons)	VOC Mass Removed (lbs)	Cumulative Mass Removed Since 1/20/2009 (lbs)
Start Date	7/6/2010	--	--	498,960	--	**--**	**48.1** (b)
July	8/2/2010	1,928	3.0	526,270	27,310	0.4	48.5
August	9/3/2010	2,511	ND	560,237	33,967	0.7	49.3
September	10/7/2010	2,646	47.9	594,065	33,828	0.7	50.0
October	11/15/2010	3,031	3.3	639,099	45,034	1.1	51.1
November	12/9/2010	2,406	ND	647,311	8,211	0.2	51.3
December	1/13/2011	4,179	ND	672,312	25,002	0.9	52.2
Total Over Reporting Period (July through December 2010):					**173,352**	**4.1**	**52.2**

a/ Abbreviations: VOC = volatile organic compound; µg/l = micrograms per liter; lbs = pounds.

b/ Cumulative VOC mass removed from the current Dual Phase Extraction System at start of the reporting period.

Table 4

Vapor Phase VOC Mass Removed
Dual Phase Extraction System
Emerson Power Transmission
Ithaca, New York
July through December 2010 (a)

Sampling Period	Sampling Date	Total VOCs - Monthly Vapor Samples (mg/m3) (c)	Cumulative Vacuum Blower Run Time (hrs)	Sampling Period Vacuum Blower Run Time (hrs)	TCE mass flux (lbs/hr)	1,2-DCE mass flux (lbs/hr)	PCE mass flux (lbs/hr)	1,1-DCE mass flux (lbs/hr)	Total VOC mass flux (lbs/hr)	VOC Mass Removed (lbs)	Cumulative Mass Removed Since 1/20/2009 (lbs)
Start Date	7/6/2010	**--**	8,601	--	--	--	--	--	--	--	**478.4**
July	8/2/2010	107.0	9,248	647	0.068	0.028	ND	ND	0.096	62.1	540.5
August	9/3/2010	102.7	10,016	768	0.058	0.0342	ND	0.000157	0.092	70.9	611.4
September	10/7/2010	135.7	10,830	814	0.082	0.0397	ND	0.000189	0.122	99.3	710.7
October	11/15/2010	61.0	11,770	940	0.034	0.021	ND	0.000089	0.055	51.5	762.2
November	12/9/2010	122.4	11,808	38	0.072	0.037	ND	0.00014	0.110	4.2	766.4
December	1/13/2011	122.4	11,883	75	0.072	0.037	ND	0.000139	0.110	8.2	770.4
					Total Over Reporting Period (July through December 2010):					**296.2**	**774.6**

a/ Abbreviations: VOCs = volatile organic compounds; mg/m^3 = milligrams per cubic meter; lbs = pounds; lbs/hr = pounds per hour; hrs = hours; TCE = trichloroethene; 1,2-DCE = cis/trans-1,2-dichloroethene; 1,1-DCE = 1,1-dichloroethene.

b/ Vacuum blower flow = 240 standard cubic feet per minute.

c/ The vacuum blower was inoperable during the December monthly sampling. Sample results from January (1/12/2011) were used as a representative sample for December.

Table 5

Monthly Vapor Phase Sampling Results
Dual Phase Extraction System
Emerson Power Transmission
Ithaca, New York
July through December 2010 (a)

Sample ID:	Molecular	VINF - Influent Vapor											
Sample Date:	Weight	8/2/2010		9/3/2010		10/7/2010		11/15/2010		12/9/2010 (b)		1/13/2011	
Units:	(g/mol)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)
VOCs													
1,1-Dichloroethene	96.9	ND	ND	0.044	0.17	0.053	0.21	0.025	0.10	--	--	0.039	0.15
cis-1,2-Dichloroethene	96.9	7.9	31	9.5	38	11	44	5.8	23	--	--	9.3	37
trans-1,2-Dichloroethene	96.9	0.10	0.40	0.095	0.38	0.14	0.56	0.065	0.26	--	--	1.2	4.8
Tetrachloroethene	165.8	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND
Trichloroethene	131.4	14	75	12	64	17	91	7.0	38	--	--	15	81
	Total VOCs:	**22.0**	**107.0**	**21.6**	**102.7**	**28.2**	**135.7**	**12.9**	**61.0**	**--**	**--**	**25.5**	**122.4**

Sample ID:	Molecular	VpostGAC - Effluent Vapor											
Sample Date:	Weight	8/2/2010		9/3/2010		10/7/2010		11/15/2010		12/9/2010 (b)		1/13/2011	
Units:	(g/mol)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)	(ppmv)	(mg/m3)
VOCs													
1,1-Dichloroethene	96.9	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND
cis-1,2-Dichloroethene	96.9	0.16	0.63	0.19	0.75	0.21	1	0.15	0.6	--	--	0.18	0.71
trans-1,2-Dichloroethene	96.9	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND
Tetrachloroethene	165.8	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND
Trichloroethene	131.4	0.61	3.3	0.35	1.9	0.23	1	0.20	1.1	--	--	0.20	1.1
	Total VOCs:	**0.8**	**3.9**	**0.5**	**2.6**	**0.4**	**2.1**	**0.4**	**1.7**	**--**	**--**	**0.4**	**1.8**

a/ Abbreviations: VOCs = volatile organic compounds; g/mol = grams per mole; ppmv = parts per million by volume; mg/m^3 = milligrams per cubic meter; ND = compound not detected; "--" = data was not collected.

b/ The vacuum blower was inoperable during the Decemeber sampling due to mechanical issues, so a vapor samples were not collected.

Table 6

Monthly Aqueous Phase Sampling Results
Dual Phase Extraction System
Emerson Power Transmission
Ithaca, New York
July through December 2010

Sample ID:	**WINF - Influent Water**					
Sample Date:	8/2/2010	9/3/2010	10/7/2010	11/15/2010	12/9/2010	1/13/2011
VOCs (µg/l)						
Bromomethane	1.0 U	1.0 U	1.0 U	1.5	1.0 U	1.0 U
Carbon Disulfide	1.0 U	1.0 U	1.0 U	25	1.0 U	1.5
Chloromethane	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Cyclohexane	10 UJ	10 U	10 U	18	10 U	10 U
1,1-Dichloroethene	1.0 U	1.0 U	2.7	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1,010	1,420	1,300	1,610	1,430	2,390
trans-1,2-Dichloroethene	16	7.6	8.6	25	11	35
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-tert-butyl ether	1.0 U	1.0 U	1.0 U	31	1.0 U	1.0 U
Naphthalene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	889	1,080	1,330	1,320	960	1,750
Vinyl Chloride	1.9	3.3	4.3	2.1	4.1	2.4
Xylenes	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total VOCs (µg/l) (b)	**1,928**	**2,511**	**2,646**	**3,031**	**2,406**	**4,179**

Sample ID:	**WAS - Post Air-Stripper/Pre-Carbon**					
Sample Date:	8/2/2010	9/3/2010	10/7/2010	11/15/2010	12/9/2010	1/13/2011
VOCs (µg/l)						
Bromomethane	1.0 U	1.0 U	1.0 U	1.9	1.0 U	1.0 U
Carbon Disulfide	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Chloromethane	1.0 UJ	1.0 U	2.5	1.0 U	1.0 UJ	1.0 U
Cyclohexane	10 UJ	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1 U	1 U	1 U	1 U	4	2
trans-1,2-Dichloroethene	1 U	1.0 U	1.0 U	1 U	1 U	1 U
Ethylbenzene	1.0 U	2.3	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-tert-butyl ether	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Naphthalene	2.0 U	5.8	2.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	1 U	1 U	4	1 U	2	1 U
Vinyl Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes	3.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total VOCs (µg/l) (b)	**3**	**8**	**6**	**2**	**5**	**2**

Table 6

Monthly Aqueous Phase Sampling Results
Dual Phase Extraction System
Emerson Power Transmission
Ithaca, New York
July through December 2010

Sample ID:	WpostGAC - Post Carbon					
Sample Date:	8/2/2010	9/3/2010	10/7/2010	11/15/2010	12/9/2010	1/13/2011
VOCs (µg/l)						
Bromomethane	1.0 U	1.0 U	1.0 U	1.5 J	1.0 U	1.0 U
Carbon Disulfide	1.0 U	1.0 U	38.2 J	1 U	1.0 U	1.0 U
Chloromethane	3.0 U	1.0 U	5.4	1.8	1.0 UJ	1.0 U
Cyclohexane	10 UJ	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1.0 U	1.0 U	1 U	1 U	1 U
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl-tert-butyl ether	1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U
Naphthalene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	1 U	1 U	4 J	1 U	1 U	1 U
Vinyl Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total VOCs (µg/l) (b)	**ND**	**ND**	**48**	**3**	**ND**	**ND**

a/ Abbreviations: 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 Detection Limit; D = dilution required due to high concentration of target analytes; UJ = analyte possibly detected at a level less than the Reporting Limit and greater than or equal to the Method Detection Limit.

b/ The total includes values with a "J" qualifier.

Table 7

Quarterly Groundwater Elevation Measurements
Emerson Power Transmission
Ithaca, New York
September and December 2010 (a)

		September 27, 2010 (system on)			September 29, 2010 (system off)				December 27, 2010 (system on)		
Well ID	Top of Casing Elevation (ft aMSL)	Depth to Product (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft aMSL)	Depth to Product (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft aMSL)	September Drawdown (ft)	Depth to Product (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft aMSL)
A-zone and B-zone Wells											
EW-01B	564.54	-	12.03	552.51	-	9.73	554.81	2.30	-	10.82	553.72
EW-04-25B	562.9	NM	NM	NM	-	16.08	546.82	-	NM	NM	NM
EW-05-25B	563.37	-	14.13	549.24	NM	NM	NM	-	NM	NM	NM
EW-07-25B	561.76	-	17.7	544.06	-	8.8	552.96	8.90	NM	NM	NM
EW-10-25B	561.82	-	21.02	540.80	-	16.96	544.86	4.06	NM	NM	NM
MW-01B	566.34	-	11.61	554.73	-	10.43	555.91	1.18	-	9.21	557.13
MW-02B	564.00	-	11.16	552.84	-	9.43	554.57	1.73	-	10.39	553.61
MW-03-13	564.15	-	6.76	557.39	-	4.70	559.45	2.06	-	6.72	557.43
MW-03B	564.24	-	13.54	550.70	-	8.40	555.84	5.14	-	12.39	551.85
MW-04B	563.83	-	19.28	544.55	-	21.1	542.73	-1.82	-	19.38	544.45
MW-05-25	586.53	-	10.40	576.13	-	10.31	576.22	0.09	-	10.71	575.82
MW-05B	563.22	-	16.33	546.89	-	10.05	553.17	6.28	-	14.34	548.88
MW-06B	560.87	-	10.01	550.86	-	10.05	550.82	-0.04	-	9.54	551.33
MW-07B	587.26	Not Measured - Product Recovery in Progress						-	Not Measured - Product Recovery in Progress		
MW-08B	586.64	Not Measured - Product Recovery in Progress						-	Not Measured - Product Recovery in Progress		
MW-18A	394.96	-	8.60	386.36	NM	NM	NM	-	NM	NM	NM
MW-19A	394.35	-	6.89	387.46	NM	NM	NM	-	NM	NM	NM
MW-20B	516.09	-	12.06	504.03	-	12.00	504.09	0.06	-	37.47	478.62
MW-21B	492.17	-	14.06	478.11	NM	NM	NM	-	NM	NM	NM
MW-22B	489.46	-	13.97	475.49	NM	NM	NM	-	NM	NM	NM
MW-23B	457.66	-	14.55	443.11	NM	NM	NM	-	-	14.11	443.55
MW-24B	414.00	-	3.93	410.07	NM	NM	NM	-	NM	NM	NM
MW-25A	391.01	-	8.80	382.21	NM	NM	NM	-	NM	NM	NM
MW-26A	396.12	-	6.29	389.83	NM	NM	NM	-	NM	NM	NM
MW-30B	533.48	-	18.22	515.26	-	17.43	516.05	0.79	-	16.99	516.49
MW-31B	533.45	NM	20.12	513.33	NM	19.60	513.85	0.52	NM	19.53	513.92
MW-32B	512.78	-	4.59	508.19	NM	NM	NM	-	-	4.86	507.92
P-01	564.44	-	12.38	552.06	-	9.50	554.94	2.88	-	10.40	554.04
P-02	564.59	-	11.15	553.44	-	8.70	555.89	2.45	-	9.55	555.04
C-zone and D-zone Wells						NM		-			
EW-01-62C	565.34	NM	NM	NM	-	39.94	525.40	-	NM	NM	NM
EW-02-62C	563.93	NM	NM	NM	-	38.53	525.40	-	NM	NM	NM
EW-03-60C	563.28	NM	NM	NM	-	56.27	507.01	-	NM	NM	NM
EW-06-60C	563.84	-	46.23	517.61	NM	NM	NM	-	NM	NM	NM
EW-08-62C	561.82	-	55.61	506.21	-	34.35	527.47	21.26	NM	NM	NM
EW-09-86C	586.97	Angle Boring - water level not measured						-	Angle Boring - water level not measured		
EXB-01	587.05	-	71.8	515.25	-	71.35	515.70	0.45	-	71.81	515.24
EXB-02	586.47	-	70.76	515.71	-	70.55	515.92	0.21	-	70.75	515.72

Table 7

Quarterly Groundwater Elevation Measurements
Emerson Power Transmission
Ithaca, New York
September and December 2010 (a)

		September 27, 2010 (system on)			September 29, 2010 (system off)				December 27, 2010 (system on)		
Well ID	Top of Casing Elevation (ft aMSL)	Depth to Product (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft aMSL)	Depth to Product (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft aMSL)	September Drawdown (ft)	Depth to Product (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft aMSL)
EXB-07	529.06	-	9.05	520.01	NM	NM	NM	-	-	7.64	521.42
EXB-09	565.19	-	49.5	515.69	-	46.06	519.13	3.44	-	42.18	523.01
EXB-10	560.07	-	41.37	518.70	-	33.06	527.01	8.31	-	39.92	520.15
EXB-11	532.43	-	61.61	470.82	NM	NM	NM	-	-	66.65	465.78
MW-01	565.77	-	20.30	545.47	-	18.92	546.85	1.38	-	18.24	547.53
MW-03-100	564.15			Damaged (b)				-		Damaged (b)	
MW-03-150	564.24	-	100.52	463.72	NM	NM	NM	-	NM	NM	NM
MW-05-40	586.43	-	30.71	555.72	-	29.25	557.18	1.46	-	29.08	557.35
MW-05-100	586.21	-	94.21	492.00	NM	NM	NM	-	-	94.15	492.06
MW-07-40	533.00	-	18.06	514.94	NM	NM	NM	-	-	17.73	515.27
MW-08-40	517.98	-	120.00	397.98	NM	NM	NM	-	NM	NM	NM
MW-09-100	506.17	-	89.59	416.58	NM	NM	NM	-	NM	NM	NM
MW-16-100	533.47	-	74.98	458.49	NM	NM	NM	-	-	74.42	459.05
MW-17-40	394.21	-	3.01	391.20	NM	NM	NM	-	NM	NM	NM
MW-44T	558.22	-	26.30	531.92	-	25.80	532.42	0.50	-	25.81	532.41

a/ Abbreviations: ft = feet; aMSL = above Mean Sea Level; NM = not measured; "-" = not measured for.
b/ The 2-inch diameter steel casing at MW-03-100 was damaged during installation of the DPE system.

Table 8

Quarterly Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
September and December 2010 (a)

Well ID:	Evaluation	MW-1B (c)		MW-4B (c)		MW-5B		MW-7B		MW-8B	
Sample ID:	Criteria	MW-1B	MW-1B	MW-4B	MW-4B	MW-5B	MW-5B	NS (d)	NS (d)	NS (d)	NS (d)
Date:	(b)	9/29/10	12/29/10	9/29/10	12/29/10	9/29/10	12/29/10	Sep 2010	Dec 2010	Sep 2010	Dec 2010
VOCs (µg/l)											
Acetone	50	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NS U	NS U	NS U	NS U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NS U	NS U	NS U	NS U
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NS U	NS U	NS U	NS U
Bromomethane	5	1.0 R	1.0 U	1.0 R	1.0 U	1.0 R	1.0 UJ	NS U	NS U	NS U	NS U
Carbon disulfide	60	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	NS U	NS U	NS U	NS U
Chloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NS U	NS U	NS U	NS U
Chloroform	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NS U	NS U	NS U	NS U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	**12.4**	**17.7**	NS U	NS U	NS U	NS U
cis-1,2-Dichloroethene	5	2.2	1.9	1.0 U	1.0 U	**7,140**	**10,400**	NS U	NS U	NS U	NS U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	**123**	**81.3**	NS U	NS U	NS U	NS U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NS U	NS U	NS U	NS U
Methylcyclohexane	NVL	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NS U	NS U	NS U	NS U
Methylene Chloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	NS U	NS U	NS U	NS U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	**11.5**	**15.1**	NS U	NS U	NS U	NS U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NS U	NS U	NS U	NS U
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NS U	NS U	NS U	NS U
Trichloroethene	5	3.6	2.5	1.0 U	1.0 U	**4,450**	**6,660**	NS U	NS U	NS U	NS U
Vinyl chloride	2	1.0 U	1.0 U	**4.1**	**2.1**	**511**	**491**	NS U	NS U	NS U	NS U
Xylene (Total)	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NS U	NS U	NS U	NS U
Total VOCs: (h)		**6.8**	**4.4**	**5.1**	**2.1**	**12,249**	**17,665**	**NS**	**NS**	**ND**	**ND**
Total CVOCs: (h)		**5.8**	**4.4**	**4.1**	**2.1**	**12,248**	**17,665**	**NS**	**NS**	**ND**	**ND**

Table 8

Quarterly Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
September and December 2010 (a)

Well ID:	Evaluation	MW-23B (c,e)		MW-32B (c)			EXB-1		EXB-2	
Sample ID:	Criteria	MW-23B	MW-23B	MW-32B	MW-32B	MW-1210 (f)	EXB-01	EXB-01	EXB-2	EXB-2
Date:	(b)	10/5/10	12/29/10	10/5/10	12/29/10	12/29/10	9/29/10	12/28/10	9/29/10	12/28/10
VOCs (µg/l)										
Acetone	50	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	21.9	10.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	**4.9**	**4.9**
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3
Bromomethane	5	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 R	1.0 UJ	1.0 R	1.0 UJ
Carbon disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	3.7 J	1.0 U
Chloroethane	5	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7	2.9	4.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0	6.4
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**17.2**	**6.2**	**8.3**	**6.0**
cis-1,2-Dichloroethene	5	1.0 U	1.0 U	**67.9**	**78.9**	76.7	**8,370**	**3,960**	**4,750**	**6,740**
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**109**	**21.8**	**189**	**32.7**
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U
Methylcyclohexane	NVL	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Methylene Chloride	5	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.6	1.0 UJ
Tetrachloroethene	5	1.2	1.1	1.0 U	1.0 U	1.0 U	3.0	1.0 U	1.0 U	4.1
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**12.4**	1.0 U
1,1,1-Trichloroethane	5	1.8	1.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	1.0 U	1.1	**49.1**	**46.4**	45.8	**9,580**	**359**	**1,680**	**7,550**
Vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**187**	**140**	**30.0**	**44.7**
Xylene (Total)	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	**10.1**	3.0 U
Total VOCs: (h)		**5.9**	**8.0**	**117.0**	**125.3**	**122.5**	**18,267**	**4,488**	**6,718**	**14,390**
Total CVOCs: (h)		**3.0**	**3.7**	**117.0**	**125.3**	**122.5**	**18,266**	**4,487**	**6,657**	**14,378**

Table 8

Quarterly Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
September and December 2010 (a)

Well ID:	Evaluation	EXB-7		EXB-9		EXB-10			EW-5-25B	EW-6-60C
Sample ID:	Criteria	EXB-7	EXB-7	EXB-9	EXB-9	EXB-10	EXB-0910A (f)	EXB-10	(g)	(g)
Date:	(b)	9/29/10	12/28/10	9/28/10	12/28/10	9/28/10	9/28/10	12/28/10	9/29/10	9/29/10
VOCs (µg/l)										
Acetone	50	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	1.0 R	1.0 UJ	1.0 R	1.0 UJ	1.0 R	1.0 R	1.0 U	1.0 R	1.0 R
Carbon disulfide	60	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Chloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U
Chloroform	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	**7.8**	2.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.9	**9.5**
cis-1,2-Dichloroethene	5	**4,760**	**1,560**	4.1	2.6	**16.7**	**18.5**	**37.9**	**1,290**	**6,400**
trans-1,2-Dichloroethene	5	**105**	**27.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**30.7**	**142**
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	NVL	10.0 U	10.0 U	10.0 U	10.0 U	10.5	10.0 U	10.0 U	10.0 U	10.0 U
Methylene Chloride	5	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2	**28.1**
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	**360**	**394 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**793**	**25,600**
Vinyl chloride	2	**26.0**	**3.4**	1.0 U	1.0 U	**5.9**	**6.8**	1.3	**231**	**5.9**
Xylene (Total)	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Total VOCs: (h)		**5,260**	**1,987**	**5.1**	**2.6**	**34.1**	**26.3**	**39.2**	**2,352**	**32,188**
Total CVOCs: (h)		**5,259**	**1,987**	**4.1**	**2.6**	**22.6**	**25.3**	**39.2**	**2,350**	**32,186**

Table 8

Quarterly Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
September and December 2010 (a)

a/ VOCs = volatile organic compounds; CVOCs = chlorinated volatile organic compounds; NVL = No standard or guidance value for groundwater is listed for this substance; 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 Detection Limit; D = concentration is from a secondary dilution analysis; NS = not sampled; UJ = analyte possibly detected at a level less than the Reporting Limit and greater than or equal to the Method Detection Limit; R = The quality control assoicated with the analyte indicates uncertainty with the reported limits (spike/surrogate failed the recovery limits).

b/ Concentrations highlighted in bold text exceed evaluation criteria. Evaluation criteria are the New York State Ambient Water Quality Standards or Guidance Values for Class GA groundwater provided in the New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1), dated June 1998, and the April 2000 Addendum.

c/ MW-1B, MW-4B, MW-23B, and MW-32B are also included in the semiannual sampling activities and the December sampling results are reported in duplicate in Table 10.

d/ MW-7B and MW-8B were not sampled due to the presence of floating free-product. WSP Engineering is in the process of recovering product from these wells (see text).

e/ MW-23B was replaced in October 2008 in accordance with the specifications of the original well.

f/ MW-0910A is a blind duplicate of EXB-10 collected on September 28, 2010; MW-1210 is a blind duplicate of MW-32B collected on December 29, 2010.

g/ Extraction wells sampled annually.

h/ The total includes values with a "J" qualifier.

Table 9

Semi-Annual Site-Wide Groundwater Elevation Measurements
Emerson Power Transmission
Ithaca, New York
September 27, 2010 (a)

Well ID	Top of Casing Elevation (ft aMSL)	Depth to Product (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft aMSL)
MW-01B	566.34	NM	NM	NM
MW-02B	564.00	-	10.21	553.79
MW-03B	564.24	-	12.95	551.29
MW-04B	563.83	NM	NM	NM
MW-05-100	586.21	-	94.25	491.96
MW-05-25	586.53	NM	NM	NM
MW-05-40	586.43	-	30.00	556.43
MW-05B	563.22	NM	NM	NM
MW-06B	560.87	NM	NM	NM
MW-07-40	533.00	-	17.79	515.21
MW-08-40	517.98	-	32.66	485.32
MW-09-100	506.17	NM	NM	NM
MW-16-100	533.47	-	74.75	458.72
MW-17-40	394.21	-	2.71	391.50
MW-18A	394.96	-	7.65	387.31
MW-19A	394.35	-	4.56	389.79
MW-20B	516.09	-	11.71	504.38
MW-21B	492.17	-	12.50	479.67
MW-22B	489.46	-	13.66	475.80
MW-23B	457.66	-	14.17	443.49
MW-24B	414.00	-	3.95	410.05
MW-25A	391.01	-	4.53	386.48
MW-26A	396.12	-	6.09	390.03
MW-32B	512.78	-	4.53	508.25

a/ Abbreviations: ft = feet; aMSL = above Mean Sea Level; NM = not measured; "-" = not measured for.

Table 10

Semi-Annual Site-Wide Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
September and October 2010 (a)

Well ID:	**Evaluation**	**MW-1B (c)**	**MW-2B**	**MW-3B**	**MW-4B (c)**	**MW-5-40**	**MW-5-100**	**MW-7-40**	**MW-8-40**
Sample ID:	**Criteria**	MW-1B	MW-2B	MW-3B	MW-4B	MW-5-40	MW-5-100	MW-7-40	MW-8-40
Date:	**(b)**	9/29/2010	10/5/2010	10/5/2010	9/29/2010	10/4/2010	10/4/2010	10/6/2010	10/7/2010
VOCs (µg/l)									
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	1.0 U	1.0 R	1.0 R	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5	1.0 U	4 J	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	7	1.0 U	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	1.0 U	**20**	3	1.0 U	**29**	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	2	**7,560**	**1,430**	1.0 U	**11,400**	**40**	**145**	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	**122**	**25**	1.0 U	**128**	1.0 U	1.0	1.0 U
Naphthalene	10	2.0 U	2.0 U	2.0 U	2.0 U	3	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	1.0 U	**31**	1.0 U	1.0 U	**5**	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	4	**18,100**	**752**	1.0 U	**5,550**	2	1.0 U	1.0 U
Vinyl Chloride	2	1.0 U	**50**	**143**	**4**	**314**	**13**	**11**	1.0 U
Total VOCs (e)		**5.8**	**25,888.4**	**2,354.4**	**4.1**	**17,428.5**	**54.8**	**156.7**	**ND**
Total CVOCs (e)		**5.8**	**25,882.6**	**2,353.4**	**4.1**	**17,426.0**	**54.8**	**156.7**	**ND**

Table 10

Semi-Annual Site-Wide Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
September and October 2010 (a)

Well ID:	**Evaluation**	**MW-16-100**	**MW-17-40**	**MW-18A (d)**		**MW-19A**	**MW-20B**	**MW-21B**	**MW-22B**
Sample ID:	**Criteria**	MW-16-100	MW-17-40	MW-18A	MW-1007	MW-19A	MW-20B	MW-21B	MW-22B
Date:	**(b)**	10/6/2010	10/6/2010	10/7/2010		10/5/2010	10/5/2010	10/5/2010	10/5/2010
VOCs (µg/l)									
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	1.0 R	1.0 U	1.0 R	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	**65**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	10	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3	1.0 U
Vinyl Chloride	2	**28**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3**
Total VOCs (e)		**94.6**	**ND**	**1.0**	**ND**	**ND**	**ND**	**3.1**	**3.1**
Total CVOCs (e)		**93.6**	**ND**	**ND**	**ND**	**ND**	**ND**	**3.1**	**3.1**

Table 10

Semi-Annual Site-Wide Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York
September and October 2010 (a)

Well ID:	MW-23B (c)	MW-24B	MW-25A	MW-26A	MW-32B (c)
Sample ID:	MW-23B	MW-24B	MW-25A	MW-26A	MW-32B
Date:	10/5/2010	10/6/2010	10/7/2010	10/7/2010	10/5/2010
VOCs (µg/l)					
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Chloroform	3	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	**68**
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	1	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	2	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	**49**
Vinyl Chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total VOCs (e)	**5.9**	**ND**	**ND**	**ND**	**117.0**
Total CVOCs (e)	**3.0**	**ND**	**ND**	**ND**	**117.0**

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 Detection Limit; D = concentration is from a secondary dilution analysis. UJ = analyte possibly detected at a level less than the Reporting Limit and greater than or equal to the Method Detection Limit; R = The quality control assoicated with the analyte indicates uncertainty with the reported limits (spike/surrogate failed the recovery limits).

b\ Concentrations highlighted in bold text exceed evaluation criteria. Evaluation criteria are the New York State Ambient Water Quality Standards or Guidance Values for Class GA groundwater provided in the New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1), dated June 1998, and the April 2000 Addendum.

c\ MW-1B, MW-4B, MW-23B, and MW-32B are also included in the quarterly sampling activities and the December sampling results are reported in duplicate in Table 8.

d\ MW-1007 is a blind duplicate of MW-18A collected on October 7, 2010.

e\ The total includes values with a "J" qualifier.

Table 11

Historical Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York (a)

Well ID	Date	Acetone	Benzene	2-Butanone	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	Xylenes (total)
Evaluation Criteria (b)		**50**	**1**	**50**	**60**	**5**	**7**	**5**	**NVL**	**5**	**0.6**	**5**	**5**	**5**	**5**	**10**	**10**	**5**	**5**	**5**	**1**	**5**	**2**	**5**
EW-5-25B	9/25/09	2.3	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.2	**1,300 DJ**	**24 J**	1 U	1 U	NA U	1.3	1 U	1 U	1 U	**1,100 DJ**	**70 J**	2 U
	9/29/10	10 U	1 U	10 U	1 U	1.4	1 U	1 U	10 U	1 U	1 U	3.9	**1,290**	**30.7**	1 U	1 U	2 U	1.2	1 U	1 U	1 U	**793**	**231**	3 U
EW-6-60C	9/25/09	5 U	0.74 J	5 U	1 U	1 U	1 U	1 U	1 U	1.2	0.51 J	**16 J**	**8,600 DJ**	**150 J**	1 U	1 U	NA U	**41 J**	2.3	1 U	1 U	**47,000 DJ**	**4.8 J**	2 U
	9/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**9.5**	**6,400**	**142**	1 U	1 U	2 U	**28.1**	1.2	1 U	1 U	**25,600**	**5.9**	3 U
EXB-01	6/10/09	3.1 J	**1.8**	5 U	0.64 J	1 U	1 U	1 U	1 U	1 U	1 U	3.2	**3,100 D**	**51**	1 U	1 U	NA U	0.78 J	2.6	1 U	1 U	**1,300 D**	**250 D**	4.4
	9/22/09	400 U	**1.4**	400 U	80 U	80 U	80 U	80 U	80 U	**7.7**	80 U	80 U	**3,400 D**	**52**	80 U	0.84 J	NA U	0.66 J	80 U	80 U	80 U	**800 D**	**430 D**	160 U
	12/17/09	10 U	**1.2**	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**6.5**	**2,920 D**	**36.5**	1 U	1 U	2 U	1.3	1 U	1 U	1 U	**2,940 D**	**176 J**	3 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**7.2**	**2,860 D**	**47.3**	1 U	1 U	2 U	1.3	1 U	1 U	1 U	**774 D**	**446 D**	3 U
	6/29/10	17.4	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**13**	**4,260**	**184 J**	1 UJ	1 U	2 U	1 U	1 U	1 U	1 U	**19.6**	**787**	3 U
	9/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**17.2**	**8,370**	**109**	1 U	1 U	2 U	3	1 U	1 U	1 U	**9,580**	**187**	3 U
	12/28/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**6.2**	**3,960**	**21.8**	1 U	1 U	2 U	3	1 U	1 U	1 U	**359**	**140**	3 U
EXB-02	1/14/09	5 U	**5.8**	1 U	1 U	1 U	0.85 J	1 U	5.5	0.8 J	1 U	2	**2,900 D**	**11**	1 U	1 U	NA U	**6.1**	**8.4**	1 U	1 U	**10,000 D**	**10**	2.7 J
	6/9/09	5 U	**5.3**	5 U	1 U	1 U	0.67 J	1 U	4.8	1 U	1 U	2	**2,100 D**	**7.3**	1 U	1 U	NA U	2.4	**5.1**	1 U	1 U	**6,200 D**	**13**	4
	9/23/09	4.4 J	**4.5**	500 U	100 U	100 U	0.57 J	100 U	3.6	0.7 J	0.41 J	2	**2,300 D**	**20**	100 U	100 U	NA U	**7.2**	**5.8**	100 U	100 U	**9,300 J**	**7.6**	200 U
	12/17/09	10 U	**4.6**	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	3	**2,870 D**	**11.7**	1.7	1 U	2 U	**6.1**	2.7	1 U	1 U	**7,270 D**	**16.8 J**	3 U
	4/6/10	10 U	**4.4**	10 U	1 U	1 U	1 U	1 U	10 U	1.6	1 U	1 U	**2,210 D**	**21.8**	1.7	1 U	2 U	4.3	4	1 U	1 U	**5,110 D**	**14.5**	3 U
	6/29/10	10	**4.3**	10 U	1 U	1 U	1.1	1 U	10 U	1 U	1 U	**12.5**	**5,650**	**212 J**	1 UJ	1 U	2 U	2.2	**6.6**	1 U	1 U	**2,560**	**21**	**5.3**
	9/29/10	21.9	**4.9**	10 U	3.7	1 U	4	1 U	10 U	1 U	1 U	**8.3**	**4,750**	**189**	1.6	1 U	2 U	1 U	**12.4**	1 U	1 U	**1,680**	**30**	**10**
	12/28/10	10 U	**4.9**	10 U	1 U	1 U	6.4	1 U	10 U	1 U	1 U	**6**	**6,740**	**32.7**	1 U	1 U	2 U	4.1	1 U	1 U	1 U	**7,550**	**44.7**	3 U
EXB-07	1/14/09	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**13**	**7,500 D**	**55 DJ**	1 U	1 U	NA U	1 U	1.2	1 U	1 U	**230 D**	**57 DJ**	3 U
	6/9/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**6.6**	**3,400 D**	**37**	1 U	1 U	NA U	1 U	0.7 J	1 U	1 U	**890 D**	**30**	2 U
	9/22/09	400 U	80 U	5 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	**9.2**	**5,000 D**	**78**	80 U	80 U	NA U	80 U	0.51 J	80 U	80 U	**560 D**	**26**	160 U
	12/17/09	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**5.1 J**	**2,790 D**	**45.3**	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**832 D**	**15.5 J**	3 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	3.2	**2,120 D**	**31.1**	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**1,430 D**	**11.8**	3 U
	6/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**6.5**	**2,880**	**99.2 J**	1 UJ	1 U	2 U	1 U	1 U	1 U	1 U	**1,190**	**18.4**	3 U
	9/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**7.8**	**4,760**	**105**	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**360**	**26**	3 U
	12/28/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	2.3	**1,560**	**27.4**	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**394**	**3.4**	3 U
EXB-09	6/10/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.46 J	1 U	2 U
	9/22/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	12/17/09	10 U	1 U	10 U	1 U	1 U	1 U	3.9	10 U	1 U	1 U	1 U	3	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	4/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**12.5**	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.2	1 U	3 U
	6/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**5.4**	1 UJ	1 UJ	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	9/28/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	4.1	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	12/28/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2.6	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U

Table 11

Historical Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York (a)

Well ID	Date	Acetone	Benzene	2-Butanone	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	Xylenes (total)
Evaluation Criteria (b)		**50**	**1**	**50**	**60**	**5**	**7**	**5**	**NVL**	**5**	**0.6**	**5**	**5**	**5**	**5**	**10**	**10**	**5**	**5**	**5**	**1**	**5**	**2**	**5**
EXB-10	1/14/09	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**36**	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	1.4 J
	9/23/09	5 U	0.66 J	1 U	1 U	1 U	1 U	1 U	4.7	1 U	1 U	1 U	**32**	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.78 J	**2.9**	1.3 J
	12/17/09	10 U	1 U	10 U	1 U	1 U	1 U	3.9	10 U	1 U	1 U	1 U	**31.7**	1 U	1.5	1 U	2 U	1 U	1 U	1 U	1 U	1 U	**4.6**	3 U
	4/6/10	10 U	**2.2**	10 U	1 U	1 U	1 U	1.9	11.5	1 U	1 U	1 U	**13.7**	1 U	1.5	1 U	2 U	1 U	1 U	1 U	1 U	1.6	1.8	3 U
	6/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**97.7**	1 UJ	1 UJ	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.2	3 U
	9/28/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**17**	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	**5.9**	3 U
	12/28/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**38**	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.3	3 U
MW-1B	4/1/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 J	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1.8	1 U	2 U
	6/8/09	5 U	1 U	5 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.87 J	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1.6	1 U	2 U
	9/22/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.79 J	1 U	1 U	1 U	NA	1 U	1 U	1 U	1 U	1.9	1 U	2 U
	12/18/09	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.8	1 U	3 U
	4/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	4.5	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**9.9**	1 U	3 U
	6/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1.4	1 UJ	1 UJ	1 U	2 U	1 U	1 U	1 U	1 U	1.7	1 U	3 U
	9/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	3.6	1 U	3 U
	12/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1.9	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2.5	1 U	3 U
MW-2B	4/1/09	5 U	0.51 J	5 U	0.25 J	1.1	2.1	1 U	1 U	1 U	1 U	8.8	5,600 D	65	1 U	1 U	NA U	30	0.56 J	0.4 J	0.28 J	20,000 D	40	2 U
	9/22/09	1,000 U	200 U	1,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	6,400 D	200 U	200 U	200 U	NA U	200 U	200 U	200 U	200 U	21,000 D	82 D	400 U
	4/6/10	10 U	1 U	10 U	1 U	1	1	1 U	10 U	1 U	1 U	14	5,510 D	64	1 U	1 U	2 U	28	1	1 U	1 U	19,500 D	133	3 U
	10/5/10	10 U	1 U	10 U	1 U	4	1	1 U	10 U	1 U	1 U	20	7,560	122	1 U	1 U	2 U	31	1 U	1 U	1 U	18,100	50.1	3 U
MW-3B	4/3/09	2.7 J	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.4	1,900 D	35	1 U	1 U	NA U	1.3	1 U	1 U	1 U	1,300 D	210 D	2 U
	9/22/09	100 U	20 U	100 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	1,400 D	15 J	20 U	20 U	NA U	20 U	20 U	20 U	20 U	310 D	97 D	40 U
	4/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	4	1,190 D	17	1 U	1 U	2 U	1.5	1 U	1 U	1 U	1,500 D	181	3 U
	10/5/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	3.3	1,430	25.1	1 U	1 U	2 U	1 U	1 U	1 U	1 U	752	143	3 U
MW-4B	4/1/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.22 J	1 U	2 U
	6/8/09	3.1 J	1 U	5 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	9/24/09	3.3 J	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1.2	2 U
	12/18/09	10 U	1 U	10 U	1 U	1 U	1 U	4	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.5	3 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.4	1 U	3 U
	6/30/10	20	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.6	3 U
	9/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	4.1	3 U
	12/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	**2.1**	3 U
MW-5B	1/14/09	2.6 J	1 U	1 U	0.59 UJ	1 U	1 U	1 U	1 U	1 U	1 U	43	19,000 D	800 UD	1 U	1 U	NA U	89	1.9	1 U	1 U	52,000 D	700 DJ	3 U
	9/23/09	400 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	5,800 D	49 J	80 U	80 U	NA U	80 U	80 U	80 U	80 U	5,200 D	140 D	160 U
	12/21/09	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	2.3	1,210 D	24.1	1 U	1 U	2 U	1.3	1 U	1 U	1 U	657 D	52.9	3 U
	4/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	6.4	3,990 D	101	1 U	1 U	2 U	10.2	1 U	1 U	1 U	3,750 D	257	3 U
	6/30/10	10 U	1 U	10 U	1 UJ	1 U	1 U	1 U	10 U	1 U	1 U	1.4 J	1,410	20.3	1 U	1 U	2 U	1.7	1 U	1 U	1 U	781	10.3	3 U
	9/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	12.4	7,140	123	1 U	1 U	2 U	11.5	1 U	1 U	1 U	4,450	511	3 U
	12/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	**17.7**	**10,400**	**81.3**	1 U	1 U	2 U	**15.1**	1 U	1 U	1 U	**6,660**	**491**	3 U

Table 11

Historical Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York (a)

Well ID	Date	Acetone	Benzene	2-Butanone	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	Xylenes (total)
Evaluation Criteria (b)		**50**	**1**	**50**	**60**	**5**	**7**	**5**	**NVL**	**5**	**0.6**	**5**	**5**	**5**	**5**	**10**	**10**	**5**	**5**	**5**	**1**	**5**	**2**	**5**
MW-5-40	4/1/09	5 U	0.37 J	5 U	0.29 J	1 U	1 U	1 U	0.76 J	1 U	0.24 J	22	12,000 D	92 DJ	1 U	1 U	NA U	2	2.2	1 U	1 U	11,000 D	510 D	1 J
	9/22/09	1,000 U	200 U	1,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	16,000	200 U	200 U	200 U	NA U	200 U	200 U	200 U	200 U	28,000 D	270	400 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	23	13,400 D	177	1 U	1 U	2 U	4	3	1 U	1 U	6,540 D	390	3 U
	10/4/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	29	11,400	128	1 U	1 U	2.5	5	1 U	1 U	1 U	5,550	314	3 U
MW-5-100	4/1/09	3.3 J	0.22 J	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	17	0.31 J	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.98 J	5.9	2 U
	6/10/09	2.7 J	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5	1,600 D	25	1 U	1 U	NA U	0.74 J	1 U	1 U	1 U	580 D	1 U	2 U
	9/22/09	2.4 J	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	23	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	2.8	5.2	2 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	37.3	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	4.7	5.4	3 U
	10/4/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	39.9	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.8	13.1	3 U
MW-7-40	4/2/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	33	1.5	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	30	2 U
	6/11/09	25	1 U	5 U	0.88 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	140 D	2.3	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.51 J	4.1	2 U
	9/23/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	97	2	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	29	2 U
	4/8/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	227	1.6	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	8.2	3 U
	10/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	145	1	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	10.7	3 U
MW-08-40	4/3/09	5 U	1 U	5 U	0.35 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	0.61 J	1 U	1 U	0.74 J	1 U	2 U
	6/9/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	9/24/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	4/8/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-16-100	4/2/09	5 U	1 U	5 U	1 J	1 U	1 U	1 U	1 U	1 U	1 U	0.63 J	600 D	4.6	1 U	1 U	NA U	1 U	0.93 J	1 U	1 U	1.4	56	2 U
	6/9/09	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	770 D	3.6	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.91 J	93	2 U
	9/24/09	33 J	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	780	4.9 J	10 U	10 U	NA U	10 U	10 U	10 U	10 U	10 U	76	20 U
	4/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	501 D	1.6	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2.8	99.4	3 U
	10/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	65.3	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	28.3	3 U
MW-17-40	4/2/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.22 J	1 U	2 U
	6/9/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	9/22/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-18A	4/1/09	8.5	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.37 J	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.88 J	1 U	2 U
	9/24/09	11	1 U	2.6 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U

Table 11

Historical Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York (a)

Well ID	Date	Acetone	Benzene	2-Butanone	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	Xylenes (total)
Evaluation Criteria (b)		**50**	**1**	**50**	**60**	**5**	**7**	**5**	**NVL**	**5**	**0.6**	**5**	**5**	**5**	**5**	**10**	**10**	**5**	**5**	**5**	**1**	**5**	**2**	**5**
MW-19A	4/1/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.33 J	1 U	2 U
	9/22/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/5/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-20B	4/1/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.25 J	1 U	2 U
	9/24/09	5 U	1 U	5 U	1 U	1 U	0.42 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	12/18/09	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/5/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-21B	4/2/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	0.6 J	1 U	3	1 U	2 U
	9/24/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	0.49 J	1 U	0.7 J	1 U	5.4	1 U	2 U
	4/8/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2.9	1 U	3 U
	10/5/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	3.1	1 U	3 U
MW-22B	4/2/09	5 U	1 U	5 U	0.24 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.65 J	0.71 J	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.36 J	1 U	2 U
	9/24/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	0.44 J	1 U	1 U	1.3	0.57 J	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1.1	2 U
	4/8/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1.6	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/5/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	3.1	3 U
MW-23B	1/14/09	5 U	1 U	1 U	1 U	1 U	2.3	1 U	1 U	1 U	1 U	1 U	5.8	1 U	1 U	1 U	NA U	0.5 J	1 U	1.3	1 U	0.53 J	1 U	3 U
	4/2/09	5 U	1 U	5 U	1 U	1 U	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 J	1 U	1.2	1 U	0.52 J	1 U	2 U
	6/10/09	5 U	1 U	5 U	1 UJ	1 U	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	0.68 J	1 U	1.1	1 U	1 U	1 U	2 U
	9/24/09	5 U	1 U	5 U	1 U	1 U	3.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	0.77 J	1 U	1.1	1 U	1 U	1 U	2 U
	12/18/09	10 U	1 U	10 U	1 U	1 U	2.6	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2	1 U	1.5	1 U	1.2	1 U	3 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	2.8	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	6/29/10	10 U	1 U	10 U	1 U	1 U	3.1	1 U	10 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	2 U	1 U	1 U	1.6	1 U	1 U	1 U	3 U
	10/5/10	10 U	1 U	10 U	1 U	1 U	2.9	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1.2	1 U	1.8	1 U	1 U	1 U	3 U
	12/29/10	10 U	1 U	10 U	1 U	1 U	4.3	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1.1	1 U	1.5	1 U	1.1	1 U	3 U
MW-24B	4/2/09	5 U	0.28 J	5 U	0.46 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	9/23/09	5 U	0.47 J	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-25A	4/1/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 J	1 U	1 U	0.21 J	NA U	1 U	1 U	1 U	1 U	0.57 J	1 U	2 U
	9/23/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U

Table 11

Historical Groundwater Sampling Results
Emerson Power Transmission
Ithaca, New York (a)

Well ID	Date	Acetone	Benzene	2-Butanone	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Methyl-tert-butyl-ether	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	Xylenes (total)
Evaluation Criteria (b)		**50**	**1**	**50**	**60**	**5**	**7**	**5**	**NVL**	**5**	**0.6**	**5**	**5**	**5**	**5**	**10**	**10**	**5**	**5**	**5**	**1**	**5**	**2**	**5**
MW-26A	4/1/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.33 J	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	0.56 J	1 U	2 U
	9/24/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	4/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	10/7/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-32B	1/14/09	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**200 D**	1.4	1 U	1 U	NA U	1 U	1 U	1 U	1 U	**140 D**	1 U	2 U
	4/1/09	5 U	1 U	5 U	1 U	1 U	0.42 J	1 U	1 U	1 U	1 U	1 U	**240 D**	2	1 U	1 U	NA U	1 U	1 U	0.5 J	1 U	**170 D**	1 U	2 U
	6/10/09	5 U	1 U	5 U	1 UJ	1 U	1.4	1 U	1 U	1 U	1 U	1 U	**190 D**	1.1	1 U	1 U	NA U	1 U	1 U	0.6 J	1 U	**160 D**	1 U	2 U
	9/24/09	10 U	2 U	10 U	2 U	2 U	1.9 J	2 U	2 U	2 U	2 U	2 U	**130**	0.84 J	2 U	2 U	NA U	2 U	2 U	2 U	2 U	**130**	2 U	4 U
	12/18/09	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**73**	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**95.9**	1 U	3 U
	4/6/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**132**	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**107**	1 U	3 U
	6/29/10	10 U	1 U	10 U	1 U	1 U	1.3	1 U	10 U	1 U	1 U	1 U	**94**	1 UJ	1 UJ	1 U	2 U	1 U	1 U	1 U	1 U	**80.2**	1 U	3 U
	10/5/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**67.9**	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**49.1**	1 U	3 U
	12/29/10	10 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	**78.9**	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	**46.4**	1 U	3 U

a/ All results are reported in micrograms per liter (µg/l). 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 Detection Limit; D = concentration is from a secondary dilution analysis; NVL = No standard or guidance value for groundwater is listed for this substance; NA = Analysis did not include analyte.

b/ Concentrations highlighted in bold text exceed evaluation criteria. Evaluation criteria are the New York State Ambient Water Quality Standards or Guidance Values for Class GA groundwater provided in the New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1), dated June 1998, and the April 2000 Addendum.