C734102

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Ms. Tara Blum, P.E.
Project Manager
NYSDEC Region 7
615 Erie Boulevard West
Syracuse, NY 13209

February 3, 2012

Re: Quarterly Monitoring for Brownfield Site #C734102

Dear Ms. Blum,

The purpose of this letter report is to submit the results of the fourth quarter groundwater monitoring at the Pass and Seymour site located at 50 Boyd Ave, Solvay NY. The monitoring was completed in conformance with the approved Site Management Plan (SMP) for this site, which was issued a Certificate of Completion on December 16, 2010.

The groundwater monitoring was conducted in accordance with the SMP and for purposes of demonstrating:

1. The effectiveness of the In-Situ Chemical Oxidation System Remedy utilized for two areas of concern, and

2. To evaluate chlorinated VOC levels in wells MW05-21 and BR 07-31 in the western portion of the site.

There are six (6) observation wells in AOC-1 overburden screened in the till/fill unit above the top of competent bedrock, to monitor ISCO effectiveness: MW05-02, MW05-03, MW05-04, MW05-05, MW05-10 and MW05-11.

There are six (6) observation wells in AOC -1 overburden screened in the upper fifteen feet of bedrock to monitor ISCO effectiveness: OW1-1, OW1-2, OW1-3, OW1-4, BR09-37 and BR09-39.

In AOC-2, there are five (5) observation wells screened in the overburden till/weathered shale unit to monitor ISCO effectiveness: IW2-1, IW2-3, OW2-2, OB09-36, and OB09-38.

In the northwest corner of the site, a pair of wells screened in overburden (MW05-21) and bedrock (BR07-31) are also monitored quarterly for VOC's.

Monitoring was conducted in accordance with the Field Sampling Plan included in the approved SMP. Sampling was completed on December 5 and 6, 2011. The Groundwater Field Sampling logs are included as Attachment A. The following were noteworthy observations or actions taken during sampling:

1. No sheen was observed in any well during fourth quarter sampling.

2. Wells MW05-05 and MW05-11 did not contain sufficient water to sample.

Groundwater Monitoring Results:

Locations of groundwater monitoring wells are shown on Figure 1. Field observations are shown on Tables 1 and 2. The analytical results are shown on Table 3. The ISCO injection appears to be causing a significant reduction in concentrations of chlorinated organics. Some variability has been observed and will be addressed in the Periodic Review Report.

Results of samples from the two western wells indicate that VOC's are still somewhat above groundwater standards.

As you requested and as required we have entered the data in the New York State Department of Environmental Conservation DER electronic database.

Please contact me if you have any questions.

Very Truly Yours,

David W. Stoner
President

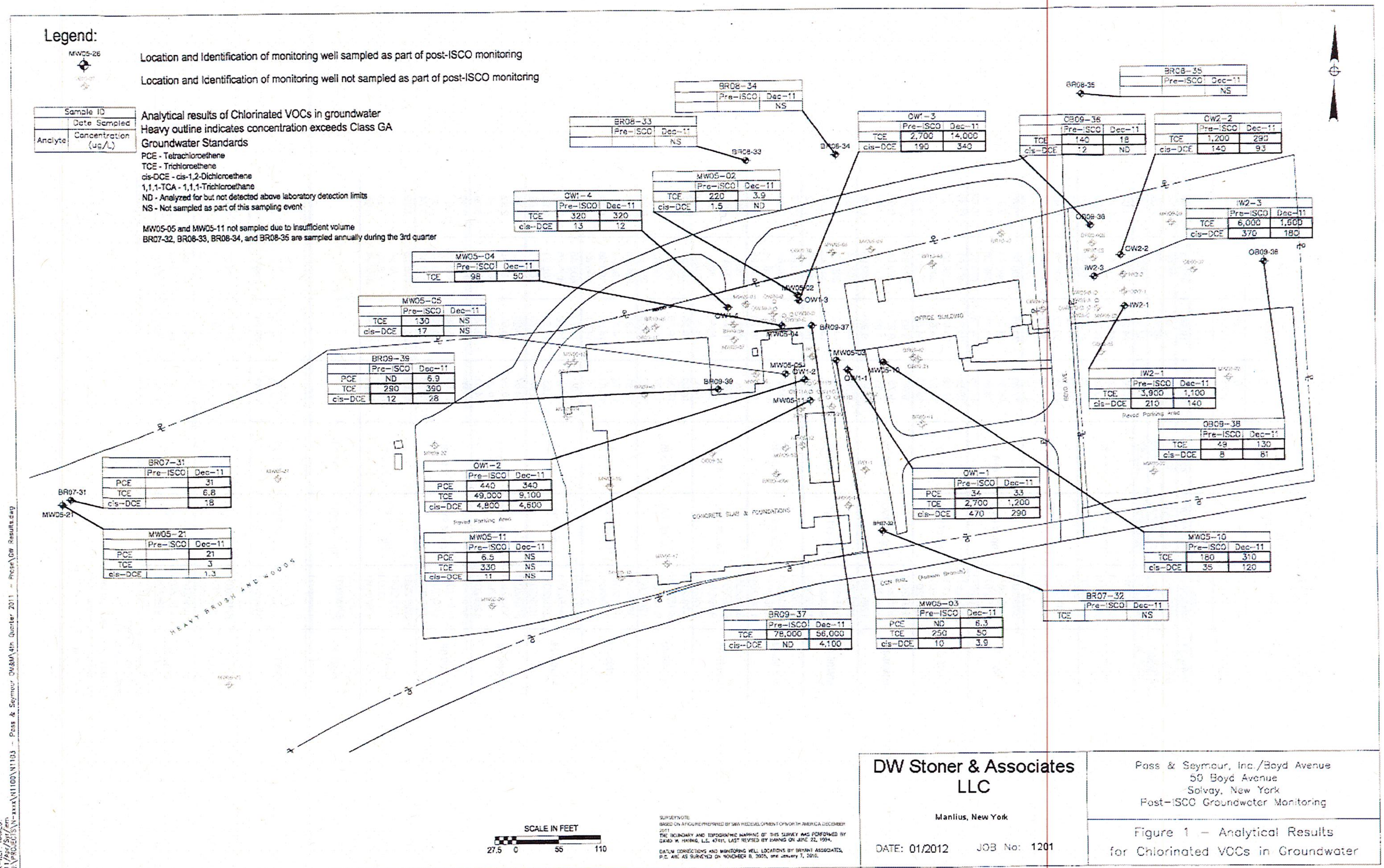

Figure 1 – Analytical Results for Chlorinated VOCs in Groundwater

Table 1: (Page 1 of 1) Groundwater Elevations, Pass & Seymour.

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation	Volume (gal)
BR07-31	3/30/2011	Top of PVC		7.80	19.78		1.92
	6/15/2011			9.15	19.78		1.70
	9/19/2011			9.47	19.78		1.65
	12/6/2011			8.32	19.78		1.83
BR07-32	9/19/2011	Top of PVC	427.42	16.51	19.90	410.91	0.54
BR08-33	9/19/2011	Top of PVC	408.11	22.45	42.11	385.66	3.15
BR08-34	9/19/2011	Top of PVC	408.70	8.90	42.35	399.80	5.35
BR08-35	9/19/2011	Top of PVC	408.57	8.53	32.13	400.04	3.78
BR09-37	3/29/2011	Top of PVC	417.85	17.83	24.28	400.02	1.03
	6/15/2011			19.36	24.28	398.49	0.79
	9/19/2011			19.28	24.28	398.57	0.80
	12/6/2011			18.25	24.28	399.60	0.96
BR09-39	3/29/2011	Top of PVC	424.06	20.03	30.22	404.03	1.63
	6/15/2011			24.25	30.22	399.81	0.96
	9/19/2011			24.16	30.22	399.90	0.97
	12/5/2011			23.10	30.22	400.96	1.14
IW2-1	3/29/2011	Top of PVC	418.25	17.33	34.35	400.92	10.89
	6/15/2011			18.81	34.35	399.44	9.95
	9/19/2011			18.69	34.35	399.56	10.00
	12/5/2011			17.75	34.35	400.50	10.62
IW2-3	3/29/2011	Top of PVC	416.62	15.55	34.60	401.07	12.19
	6/15/2011			17.09	34.60	399.53	11.21
	9/19/2011			16.97	34.60	399.65	11.30
	12/5/2011			16.05	34.60	400.57	11.87
MW05-02	3/29/2011	Top of PVC	408.83	9.00	9.92	399.83	0.15
	6/15/2011			9.75	9.92	399.08	0.03
	9/19/2011			9.53	9.92	399.30	0.06
	12/6/2011			6.80	9.92	402.03	0.50
MW05-03	3/29/2011	Top of PVC	408.50	12.16	14.20	396.34	0.33
	6/15/2011			12.72	14.20	395.78	0.24
	9/19/2011			12.55	14.20	395.95	0.26
	12/5/2011			12.21	14.20	396.29	0.32
MW05-04	3/30/2011	Top of PVC	408.45	9.57	10.70	398.88	0.18
	6/15/2011			9.81	10.70	398.64	0.14
	9/19/2011			9.74	10.70	398.71	0.15
	12/6/2011			9.50	10.70	398.95	0.19
MW05-05	3/30/2011	Top of PVC	410.40	N/A	N/A	N/A	N/A
	6/15/2011			N/A	N/A	N/A	N/A
	9/19/2011			N/A	N/A	N/A	N/A
	12/6/2011			N/A	N/A	N/A	N/A
MW05-10	3/29/2011	Top of PVC	403.89	16.62	19.25	387.27	0.42
	6/15/2011			17.28	19.25	386.61	0.32
	9/19/2011			17.27	19.25	386.62	0.32
	12/5/2011			16.92	19.25	386.97	0.38
MW05-11	3/30/2011	Top of PVC	410.00	13.31	14.31	396.69	0.16
	6/15/2011			13.75	14.31	396.25	0.09
	9/19/2011			13.64	14.31	396.36	0.11
	12/6/2011			13.57	14.31	396.43	0.12
MW05-21	3/30/2011	Top of PVC	411.46	5.01	11.70	406.45	1.07
	6/15/2011			5.70	11.70	405.76	0.96
	9/19/2011			5.55	11.70	405.91	0.98
	12/6/2011			4.97	11.70	406.49	1.08
OB09-36	3/29/2011	Top of PVC	414.84	13.87	33.65	400.97	3.16
	6/15/2011			15.39	33.65	399.45	2.92
	9/19/2011			15.26	33.65	399.58	2.94
	12/5/2011			14.31	33.65	400.53	3.09
OB09-38	3/29/2011	Top of PVC	416.68	15.86	33.38	400.82	2.80
	6/15/2011			17.33	33.38	399.35	2.57
	9/19/2011			17.15	33.38	399.53	2.60
	12/5/2011			16.28	33.38	400.40	2.74
OW1-1	3/29/2011	Top of PVC	421.40	15.64	23.05	405.76	1.19
	6/15/2011			17.86	23.05	403.54	0.83
	9/19/2011			18.02	23.05	403.38	0.48
	12/5/2011			16.95	23.05	404.45	0.98
OW1-2	3/29/2011	Top of PVC	421.25	-	-	-	-
	6/15/2011			-	-	-	-
	9/19/2011			-	-	-	-
	12/6/2011			-	-	-	-
OW1-3	3/29/2011	Top of PVC	417.16	17.04	25.75	400.12	1.39
	6/15/2011			18.55	25.75	398.61	1.15
	9/19/2011			18.50	25.75	398.66	1.16
	12/6/2011			17.43	25.75	399.73	1.33
OW1-4	3/29/2011	Top of PVC	419.90	18.13	27.91	401.77	1.56
	6/15/2011			19.90	27.91	400.00	1.28
	9/19/2011			19.77	27.97	400.13	1.30
	12/5/2011			18.60	27.97	401.30	1.49
OW2-2	3/29/2011	Top of PVC	416.59	15.60	34.71	400.99	3.06
	6/15/2011			17.10	34.71	399.49	2.82
	9/19/2011			17.02	34.71	399.57	2.83
	12/5/2011			16.03	34.71	400.56	2.99

DTW - depth to water

DOW - depth of well

(-) - not measured due to presence of an oil layer in well

N/A - not applicable because well was dry

Top of PVC elevation for BR07-31 is not measured

Shadowed cells indicate that well was raised due to soil cover so top of PVC elevation listed above is incorrect

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Table 2: (Page 1 of 1) Groundwater Field Parameters, Pass & Seymour.

Well I.D.	Date	Time	Temp (°C)	Conductivity (mmhos/cm)	Salinity	Dissolved Oxygen (%)	pH (units)	Eh (mV)	Turbidity (NTU)	Amount Purged (gal)
BR07-31	3/30/2011	9:40	3.86	2.282	2.01	0.76	7.25	120.0	17.0	6.00
	6/15/2011	17:15	9.77	2.983	2.25	0.04	7.29	63.0	100	5.00
	9/19/2011	14:25	11.34	2.885	2.07	3.91	8.72	12.1	160	5.00
	12/6/2011	12:30	6.34	2.399	1.97	2.15	7.83	90.5	11.0	5.50
BR07-32	9/19/2011	11:15	11.02	1.342	0.93	8.19	8.94	23.7	310	2.00
BR08-33	9/19/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.00/Dry
BR08-34	9/19/2011	15:28	9.62	4.852	3.78	11.07	8.94	29.4	450	7.00/Dry
BR08-35	9/19/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.25/Dry
BR09-37	3/29/2011	16:23	8.72	2.741	2.11	0.23	6.86	160.2	120	3.25
	6/15/2011	14:33	10.81	2.710	1.97	0.47	7.55	32.1	80.0	2.75
	9/19/2011	13:07	10.36	2.424	1.78	4.44	8.51	80.4	65.0	2.50
	12/6/2011	10:05	8.44	2.388	1.84	2.13	8.52	56.8	32.0	3.00
BR09-39	3/29/2011	14:50	9.86	1.346	0.97	0.52	7.05	112.5	24.0	5.00
	6/15/2011	16:20	10.64	1.642	1.17	0.04	7.48	77.3	1.30	3.00
	9/19/2011	11:45	11.02	1.242	0.86	7.14	8.70	37.1	1.40	3.00
	12/5/2011	14:30	9.09	1.196	0.87	3.81	8.02	58.2	6.10	3.50
IW2-1	3/29/2011	11:34	9.84	3.439	2.61	0.65	7.03	110.5	110	29.00
	6/15/2011	10:57	11.13	3.720	2.73	0.03	7.43	69.7	160	30.00
	9/19/2011	8:42	9.12	3.225	2.48	6.12	8.49	23.9	75.0	30.00
	12/5/2011	12:30	8.03	3.193	2.53	2.08	7.85	43.2	50.0	32.00
IW2-3	3/29/2011	NS	NS	NS	NS	NS	NS	NS	NS	1.00
	6/15/2011	10:00	11.10	3.725	2.74	0.10	7.58	77.7	22.0	35.00
	9/19/2011	9:10	9.00	3.318	2.57	6.70	8.59	31.0	>1000	34.00
	12/5/2011	11:40	7.90	3.245	2.59	1.87	7.99	53.3	40.0	36.00
MW05-02	3/29/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.25/Dry
	6/15/2011	-	-	-	-	-	-	-	-	-
	9/19/2011	-	-	-	-	-	-	-	-	-
	12/6/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.25/Dry
MW05-03	3/29/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.00
	6/15/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75/Dry
	9/19/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.80
	12/5/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.00
MW05-04	3/30/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50
	6/15/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50
	9/19/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50
	12/6/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50
MW05-05	3/30/2011	-	-	-	-	-	-	-	-	-
	6/15/2011	-	-	-	-	-	-	-	-	-
	9/19/2011	-	-	-	-	-	-	-	-	-
	12/6/2011	-	-	-	-	-	-	-	-	-
MW05-10	3/29/2011	12:20	7.59	3.589	2.90	0.75	6.94	161.1	120	1.50
	6/15/2011	11:33	9.75	3.167	2.39	1.00	7.52	80.3	130	1.00
	9/19/2011	10:15	9.89	2.768	2.07	8.64	8.81	67.2	340	1.00
	12/5/2011	13:00	8.73	2.776	2.14	3.15	7.94	42.8	55.0	1.25
MW05-11	3/30/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50
	6/15/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25/Dry
	9/19/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25/Dry
	12/6/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.25/Dry
MW05-21	3/30/2011	10:02	3.20	1.881	1.67	0.34	6.98	117.7	>1000	3.50
	6/15/2011	16:55	11.33	2.855	2.05	0.08	7.38	54.1	>1000	3.00
	9/19/2011	14:24	12.40	2.820	1.97	6.05	8.87	8.0	>1000	3.00
	12/6/2011	12:45	5.53	1.957	1.62	2.24	8.02	81.0	>1000	3.50
OB09-36	3/29/2011	10:16	8.13	3.743	2.99	0.53	7.10	101.8	800	10.50
	6/15/2011	8:48	8.83	4.164	3.28	0.18	7.39	71.1	300	9.00
	9/19/2011	9:55	8.57	3.723	2.94	5.24	8.62	55.8	550	9.00
	12/5/2011	10:05	7.84	3.639	2.93	2.05	7.79	46.2	110	9.50
OB09-38	3/29/2011	8:00	8.52	2.378	1.83	0.43	7.58	58.3	>1000	9.00
	6/15/2011	7:05	8.31	2.477	1.92	0.64	7.34	28.6	700	8.00
	9/19/2011	8:12	8.09	2.270	1.76	3.44	8.40	-1.6	>1000	8.00
	12/5/2011	8:40	8.06	2.224	1.73	1.80	8.10	34.5	320	8.50
OW1-1	3/29/2011	13:10	7.73	2.940	2.34	0.48	7.09	113.7	120	3.50
	6/15/2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.50/Dry
	9/19/2011	10:39	10.93	2.669	1.93	9.97	8.68	47.6	400	1.50
	12/5/2011	13:35	8.90	2.548	1.95	5.23	7.83	59.1	45.0	2.50/Dry
OW1-2	3/29/2011	NM	NM	NM	NM	NM	NM	NM	NM	2.00
	6/15/2011	NM	NM	NM	NM	NM	NM	NM	NM	0.00
	9/19/2011	NM	NM	NM	NM	NM	NM	NM	NM	0.00
	12/6/2011	NM	NM	NM	NM	NM	NM	NM	NM	0.00
OW1-3	3/29/2011	15:40	7.28	1.466	1.14	0.55	7.08	108.8	23.0	4.25
	6/15/2011	15:06	10.21	1.499	1.07	0.31	7.40	61.6	6.70	4.00
	9/19/2011	12:30	12.83	1.278	0.84	7.62	8.38	86.4	3.00	3.50
	12/6/2011	11:00	9.50	0.986	0.70	4.13	8.45	50.1	2.90	4.00
OW1-4	3/29/2011	14:07	8.56	0.794	0.58	1.03	7.41	89.4	65.0	5.00
	6/15/2011	15:51	10.24	0.928	0.65	0.04	7.57	55.2	60.0	4.00
	9/19/2011	12:08	12.21	0.823	0.54	10.41	8.70	89.6	90.0	4.00
	12/5/2011	15:10	10.01	0.688	0.48	4.69	7.95	60.6	7.30	5.00
OW2-2	3/29/2011	9:24	8.55	2.958	2.31	0.46	6.75	84.2	>1000	9.75
	6/15/2011	8:03	9.86	3.235	2.43	0.30	7.33	67.8	900	9.00
	9/19/2011	9:33	8.52	2.714	2.10	5.56	8.65	56.7	>1000	9.00
	12/5/2011	9:30	9.78	2.446	1.92	2.18	7.74	43.7	370	9.00

N/A - Parameters not collected due to low volume

NM - Not measured due to presence of oil layer in well

NS - Not sampled due to presence of permanganate solution

(-) - Well dry

Field parameters collected using a YSI 6820 after sample was collected

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Table 3: (Page 1 of 7) Post-ISCO Groundwater Sample Analytical Results, Pass & Seymour.

Analyte	GW Std^ (ug/L)	Sample Identification																								
		BR07-31					BR07-32					BR08-33					BR08-34					BR08-35				
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11
VOCs by EPA Method 8260B																										
Acetone	50		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Acrolein	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Acrylonitrile	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Benzene	1		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Bromobenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Bromodichloromethane	50		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Bromoform	50		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Bromomethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
n-Butylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
sec-Butylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
tert-Butylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Carbon tetrachloride	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Chlorobenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Chlorodibromomethane			U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Chloroethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
2-Chloroethyl-vinyl-ether			U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Chloroform	7		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Chloromethane			U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
2-Chlorotoluene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
4-Chlorotoluene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2-Dibromo-3-chloropropane	0.04		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2-Dibromoethane			U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Dibromomethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2-Dichlorobenzene	3		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,3-Dichlorobenzene	3		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,4-Dichlorobenzene	3		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Dichlorodifluoromethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1-Dichloroethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2-Dichloroethane	0.6		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1-Dichloroethene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
cis-1,2-Dichloroethene	5	**14**		**23**		**18**		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
trans-1,2-Dichloroethene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2-Dichloropropane	1		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1-Dichloropropene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,3-Dichloropropane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
cis-1,3-Dichloropropene	0.4		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
trans-1,3-Dichloropropene	0.4		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
2,2-Dichloropropane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Di-isopropyl ether			U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Ethylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Hexachloro-1,3-butadiene	0.5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Isopropylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
p-Isopropyltoluene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
2-Butanone (MEK)	50		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Methylene Chloride	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
4-Methyl-2-pentanone (MIBK)			U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Methyl tert-butyl ether	10		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Naphthalene	10		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
n-Propylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Styrene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1,1,2-Tetrachloroethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1,2,2-Tetrachloroethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1,2-Trichloro-1,2,2-trifluoroethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Tetrachloroethene	5	**28**		**31**		**35**		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Toluene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2,3-Trichlorobenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2,4-Trichlorobenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1,1-Trichloroethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,1,2-Trichloroethane	1		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Trichloroethene	5	**5**		**7.8**		**8.7**		NS	NS	**5.1**	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Trichlorofluoromethane	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2,3-Trichloropropane	0.04		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2,4-Trimethylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,2,3-Trimethylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
1,3,5-Trimethylbenzene	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Vinyl chloride	2		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS
Xylenes, Total	5		U	U	U	U		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS		NS	NS	U	NS

All values reported as ug/L

U - Analyzed for but Not Detected

J - Indicates an estimated value

B - Analyte also detected in the associated laboratory blank

NS - Not sampled, Samples collected annually.

(-) - No sample collected because well was dry

Blank cells indicate that the sample was not analyzed for that analyte

Pre-ISCO data collected

Bold and boxed results indicate an exceedance of Groundwater Standards

^ - GW Std - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

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Table 3: (Page 2 of 7) Post-ISCO Groundwater Sample Analytical Results. Pass & Seymour.

Analyte	GW Std^ (ug/L)	Sample Identification																																					
		BR09-37					BR09-39					IW2-1					IW2-3					MW05-02																	
Date Sampled		Pre-ISCO		Mar-11		Jun-11		Sep-11		Dec-11	Pre-ISCO		Mar-11		Jun-11		Sep-11		Dec-11	Pre-ISCO		Mar-11		Jun-11		Sep-11		Dec-11	Pre-ISCO		Mar-11		Jun-11		Sep-11		Dec-11		
VOCs by EPA Method 8260B																																							
Acetone	50	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Acrolein	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Acrylonitrile	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Benzene	1	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Bromobenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Bromodichloromethane	50	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Bromoform	50	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Bromomethane	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
n-Butylbenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
sec-Butylbenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
tert-Butylbenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Carbon tetrachloride	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Chlorobenzene	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Chlorodibromomethane				U		U		U		U					U		U		U			*		U		U		U					-		-		U
Chloroethane	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
2-Chloroethyl-vinyl-ether				U		U		U		U					U		U		U			*		U		U		U					-		-		U
Chloroform	7	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Chloromethane		U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
2-Chlorotoluene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
4-Chlorotoluene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,2-Dibromo-3-chloropropane	0.04			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,2-Dibromoethane				U		U		U		U					U		U		U			*		U		U		U					-		-		U
Dibromomethane	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,2-Dichlorobenzene	3			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,3-Dichlorobenzene	3			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,4-Dichlorobenzene	3			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Dichlorodifluoromethane	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,1-Dichloroethane	5	U		U		36		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
1,2-Dichloroethane	0.6	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
1,1-Dichloroethene	5	U		U		70		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
cis-1,2-Dichloroethene	5	U	3,800			3,700	3,200		4,100		12		26		21		37		28	210		130		130		120		140	370		*		160		180		180	1.5	J
trans-1,2-Dichloroethene	5	U		U		20		U		U	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U	
1,2-Dichloropropane	1	U		U		U		U		U	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U	
1,1-Dichloropropene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,3-Dichloropropane	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
cis-1,3-Dichloropropene	0.4	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
trans-1,3-Dichloropropene	0.4	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
2,2-Dichloropropane	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Di-isopropyl ether				U		U		U		U					U		U		U			*		U		U		U					-		-		U
Ethylbenzene	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Hexachloro-1,3-butadiene	0.5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Isopropylbenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
p-Isopropyltoluene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
2-Butanone (MEK)	50	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Methylene Chloride	5	U		U		U		U		U	2.7	JB	U		U		U		U	39	JB	*		U		U		U	110	JB	*		U		U		U	U	
4-Methyl-2-pentanone (MIBK)		U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Methyl tert-butyl ether	10			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Naphthalene	10			U		U		U		U					U		U		U			*		U		U		U					-		-		U
n-Propylbenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
Styrene	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
1,1,1,2-Tetrachloroethane	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,1,2,2-Tetrachloroethane	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
1,1,2-Trichloro-1,2,2-trifluoroethane	5			U		32		U		U					U		U		U			*		U		U		U					-		-		U
Tetrachloroethene	5	U		U		16		U		U	U		6		U		6.9		6.9	U		*		U		U		U	U		U		-		-		U
Toluene	5	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
1,2,3-Trichlorobenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,2,4-Trichlorobenzene	5			U		U		U		U					U		U		U			*		U		U		U					-		-		U
1,1,1-Trichloroethane	5	U		U		100		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
1,1,2-Trichloroethane	1	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U		U		-		-		U
Trichloroethene	5	78,000		58,000		46,000	44,000		56,000		290		410		280		510		390	3,900		700		660		720		1,100	6,000		*		1,000		1,100		1,600	220	
Trichlorofluoromethane	5			U		U		U		U			U		U		U		U			U		U		U		U					U		U		U		
1,2,3-Trichloropropane	0.04			U		U		U		U			U		U		U		U			U		U		U		U					U		U		U		
1,2,4-Trimethylbenzene	5			U		U		U		U			U		U		U		U			U		U		U		U					U		U		U		
1,2,3-Trimethylbenzene	5			U		U		U		U			U		U		U		U			U		U		U		U					U		U		U		
1,3,5-Trimethylbenzene	5			U		U		U		U			U		U		U		U			U		U		U		U					U		U		U		
Vinyl chloride	2	U		U		U		U		U	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U	
Xylenes, Total	5	U		U		U		U		U	U		U		U		U		U	U		U		U		U		U	U		*		U		U		U	U	

All values reported as ug/L

U - Analyzed for but Not Detected

J - Indicates an estimated value

B - Analyte also detected in the associated laboratory blank

(*) - Not sampled due to presence of purple coloration (ISCO chemical)

(-) - No sample collected because well was dry

Blank cells indicate that the sample was not analyzed for that analyte

Pre-ISCO data collected

Bold and boxed results indicate an exceedance of Groundwater Standards

^ - GW Std - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

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Table 3: (Page 3 of 7) Post-ISCO Groundwater Sample Analytical Results, Pass & Seymour.

Analyte	GW Std^ (ug/L)	Sample Identification																													
		MW05-03					MW05-04					MW05-05					MW05-10					MW05-11				
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11
VOCs by EPA Method 8260B																										
Acetone	50	U	U	U	U	U	UB	U	U	U	U	4.0 JB	-	-	-	-	6.3 JB	U	U	U	U	13 JB	U	-	-	-
Acrolein	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-
Acrylonitrile	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Bromobenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Bromodichloromethane	50	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Bromoform	50	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Bromomethane	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
n-Butylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
sec-Butylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
tert-Butylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Carbon tetrachloride	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Chlorobenzene	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Chlorodibromomethane		U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Chloroethane	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
2-Chloroethyl-vinyl-ether		U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Chloroform	7	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Chloromethane		U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
2-Chlorotoluene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
4-Chlorotoluene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2-Dibromo-3-chloropropane	0.04	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2-Dibromoethane		U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Dibromomethane	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2-Dichlorobenzene	3	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,3-Dichlorobenzene	3	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,4-Dichlorobenzene	3	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Dichlorodifluoromethane	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1-Dichloroethane	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2-Dichloroethane	0.6	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1-Dichloroethene	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
cis-1,2-Dichloroethene	5	**10**	U	1.3	**6.2**	3.9	U	U	U	U	U	**17**	-	-	-	-	**35**	**28**	**30**	**40**	**120**	**11 J**	U	-	-	-
trans-1,2-Dichloroethene	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2-Dichloropropane	1	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1-Dichloropropene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,3-Dichloropropane	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
cis-1,3-Dichloropropene	0.4	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
trans-1,3-Dichloropropene	0.4	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
2,2-Dichloropropane	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Di-isopropyl ether		U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Ethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Hexachloro-1,3-butadiene	0.5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Isopropylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
p-Isopropyltoluene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
2-Butanone (MEK)	50	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Methylene Chloride	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	1.4 JB	U	U	U	U	2.8 JB	U	-	-	-
4-Methyl-2-pentanone (MIBK)		U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Methyl tert-butyl ether	10	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
n-Propylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Styrene	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1,1,2-Tetrachloroethane	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1,2,2-Tetrachloroethane	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Tetrachloroethene	5	U	**6.1**	**5.8**	**5.6**	**6.3**	U	U	U	U	U	2.8 J	-	-	-	-	U	U	U	1.2	U	**6.5 J**	U	-	-	-
Toluene	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2,3-Trichlorobenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2,4-Trichlorobenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1,1-Trichloroethane	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,1,2-Trichloroethane	1	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Trichloroethene	5	**250**	**46**	**43**	**55**	**50**	**98**	**44**	**56**	**54**	**50**	**130**	-	-	-	-	**180**	**150**	**100**	**130**	**310**	**330**	**32**	-	-	-
Trichlorofluoromethane	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2,3-Trichloropropane	0.04	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2,4-Trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,2,3-Trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
1,3,5-Trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	-	-	-	-
Vinyl chloride	2	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	U	-	-	-
Xylenes, Total	5	U	U	U	U	U	U	U	U	U	U	U	-	-	-	-	U	U	U	U	U	U	U	-	-	-

All values reported as ug/L
U - Analyzed for but Not Detected
J - Indicates an estimated value
B - Analyte also detected in the associated laboratory blank
(*) - Not sampled due to presence of purple coloration (ISCO chemical)
(-) - No sample collected because well was dry
Blank cells indicate that the sample was not analyzed for that analyte
Pre-ISCO data collected
Bold and boxed results indicate an exceedance of Groundwater Standards
^ - GW Std - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

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Table 3: (Page 4 of 7) Post-ISCO Groundwater Sample Analytical Results, Pass & Seymour.

Analyte	GW Std* (ug/L)	Sample Identification: MW05-21					OB09-36					OB09-38					OW1-1					OW1-2				
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11
VOCs by EPA Method 8260B																										
Acetone	50		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Acrolein	5		U	U	U	U																				
Acrylonitrile	5		U	U	U	U																				
Benzene	1		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromobenzene	5		U	U	U	U																				
Bromodichloromethane	50		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromoform	50		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromomethane	5		U	U	U	U																				
n-Butylbenzene	5		U	U	U	U																				
sec-Butylbenzene	5		U	U	U	U																				
tert-Butylbenzene	5		U	U	U	U																				
Carbon tetrachloride	5		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chlorobenzene	5		U	U	U	U																				
Chlorodibromomethane			U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroethane	5		U	U	U	U																				
2-Chloroethyl-vinyl-ether			U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroform	7		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloromethane			U	U	U	U																				
2-Chlorotoluene	5		U	U	U	U																				
4-Chlorotoluene	5		U	U	U	U																				
1,2-Dibromo-3-chloropropane	0.04		U	U	U	U																				
1,2-Dibromoethane			U	U	U	U																				
Dibromomethane	5		U	U	U	U																				
1,2-Dichlorobenzene	3		U	U	U	U																				
1,3-Dichlorobenzene	3		U	U	U	U																				
1,4-Dichlorobenzene	3		U	U	U	U																				
Dichlorodifluoromethane	5		U	U	U	U																				
1,1-Dichloroethane	5		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	0.6		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	5		U	U	U	U																				
cis-1,2-Dichloroethene	5		U	17	18	1.3	12	U				8	89	110	93	81	470	17	140	210	290	4,800	1,800	3,500	4,900	4,600
trans-1,2-Dichloroethene	5		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloropropane	1		U	U	U	U																				
1,1-Dichloropropene	5		U	U	U	U																				
1,3-Dichloropropane	5		U	U	U	U																				
cis-1,3-Dichloropropene	0.4		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,3-Dichloropropene	0.4		U	U	U	U																				
2,2-Dichloropropane	5		U	U	U	U																				
Di-isopropyl ether			U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5		U	U	U	U																				
Hexachloro-1,3-butadiene	0.5		U	U	U	U																				
Isopropylbenzene	5		U	U	U	U																				
p-Isopropyltoluene	5		U	U	U	U																				
2-Butanone (MEK)	50		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Methylene Chloride	5		U	U	U	U	3.2	JB									170	J				1,300	JB			
4-Methyl-2-pentanone (MIBK)			U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Methyl tert-butyl ether	10		U	U	U	U																				
Naphthalene	10		U	U	U	U																				
n-Propylbenzene	5		U	U	U	U																				
Styrene	5		U	U	U	U																				
1,1,1,2-Tetrachloroethane	5		U	U	U	U																				
1,1,2,2-Tetrachloroethane	5		U	U	U	U																				
1,1,2-Trichloro-1,2,2-trifluoroethane	5		U	U	U	U																				
Tetrachloroethene	5	13	40	55	21												34	6.1	6.6		33	440	J	930	350		340
Toluene	5		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-Trichlorobenzene	5		U	U	U	U																				
1,2,4-Trichlorobenzene	5		U	U	U	U																				
1,1,1-Trichloroethane	5		U	U	U	U																				
1,1,2-Trichloroethane	1		U	U	U	U																				
Trichloroethene	5	2	8.2	10	3		140	21	17	20	18	49	160	140	160	130	2,700	190	640	890	1,200	49,000	8,200	8,300	10,000	9,100
Trichlorofluoromethane	5		U	U	U	U																				
1,2,3-Trichloropropane	0.04		U	U	U	U																				
1,2,4-Trimethylbenzene	5		U	U	U	U																				
1,2,3-Trimethylbenzene	5		U	U	U	U																				
1,3,5-Trimethylbenzene	5		U	U	U	U																				
Vinyl chloride	2		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Xylenes, Total	5		U	U	U	U																				

All values reported as ug/L

U - Analyzed for but Not Detected

J - Indicates an estimated value

B - Analyte also detected in the associated laboratory blank

(") - Not sampled due to presence of purple coloration (ISCO chemical)

(-) - No sample collected because well was dry

Blank cells indicate that the sample was not analyzed for that analyte

Pre-ISCO data collected

Bold and boxed results indicate an exceedance of Groundwater Standards

* - GW Std - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

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Table 3: (Page 5 of 7) Post-ISCO Groundwater Sample Analytical Results, Pass & Seymour.

Analyte	GW Std^ (ug/L)	Sample Identification																										
		OW1-3					OW1-4					OW2-2					Duplicate				Duplicate VOCs
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Mar-11 (BR09-37)	Jun-11 (OW2-2)	Sep-11 (IW2-1)	Dec-11 (OW2-2)	Sep-11 (BR08-34)
VOCs by EPA Method 8260B																					
Acetone	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Acrolein	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Acrylonitrile	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromobenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Bromodichloromethane	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromoform	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromomethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Carbon tetrachloride	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chlorobenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chlorodibromomethane			U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Chloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Chloroethyl-vinyl-ether			U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Chloroform	7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloromethane		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Chlorotoluene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
4-Chlorotoluene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,2-Dibromo-3-chloropropane	0.04		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,2-Dibromoethane			U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Dibromomethane	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,2-Dichlorobenzene	3		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,3-Dichlorobenzene	3		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,4-Dichlorobenzene	3		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Dichlorodifluoromethane	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.6	1.3	U	U
cis-1,2-Dichloroethene	5	190 J	76	680	560	340	13 J	8.4	14	17	12	140	180	220	170	93	3,400	220	120	91	
trans-1,2-Dichloroethene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.0	1.3	U	U
1,2-Dichloropropane	1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloropropene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,3-Dichloropropane	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
cis-1,3-Dichloropropene	0.4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,3-Dichloropropene	0.4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,2-Dichloropropane	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Di-isopropyl ether			U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Ethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachloro-1,3-butadiene	0.5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Isopropylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
2-Butanone (MEK)	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Methylene Chloride	5	190 J	U	U	U	U	12 J	U	U	U	U	20 JB	U	U	U	U	U	U	U	U	U
4-Methyl-2-pentanone (MIBK)		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Methyl tert-butyl ether	10		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Naphthalene	10		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
n-Propylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Styrene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,1,2-Tetrachloroethane	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5		U	40	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Tetrachloroethene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2	U	U	U
Toluene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-Trichlorobenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,2,4-Trichlorobenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	5	U	14	190	U	140	U	U	U	U	U	U	U	U	U	U	U	1.2	1.7	U	U
1,1,2-Trichloroethane	1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	5	2,700	1,600	17,000	13,000	14,000	320	270	360	440	320	1,200	250	360	370	290	40,000	420	660	290	
Trichlorofluoromethane	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,2,3-Trichloropropane	0.04		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,2,4-Trimethylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,2,3-Trimethylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5		U	U	U	U		U	U	U	U		U	U	U	U	U	U	U	U	U
Vinyl chloride	2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Xylenes, Total	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

All values reported as ug/L

U - Analyzed for but Not Detected

J - Indicates an estimated value

B - Analyte also detected in the associated laboratory blank

(*) - Not sampled due to presence of purple coloration (ISCO chemical)

(-) - No sample collected because well was dry

Blank cells indicate that the sample was not analyzed for that analyte

Pre-ISCO data collected

Bold and boxed results indicate an exceedance of Groundwater Standards

^ - GW Std - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

Table 3: (Page 6 of 7) Post-ISCO Groundwater Sample Analytical Results, Pass & Seymour.

Analyte	GW Std^ (ug/L)	Sample Identification: BR07-31					BR07-32					BR08-33					BR08-34					BR08-35				
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11
Nitrate by EPA Method 9056																										
Nitrate	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COD by EPA Method 410.4																										
Chemical Oxygen Demand	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOC by EPA Method 9060A																										
Total Organic Carbon	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals by EPA Method 6010B																										
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Analyte	GW Std^ (ug/L)	Sample Identification: BR09-37					BR09-39					IW2-1					IW2-3					MW05-02				
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11
Nitrate by EPA Method 9056																										
Nitrate	10,000	2,100	880	1,300	1,200	510	**10,400**	7,200	5,200	5,700	4,900	440	730	560	850	760	750	NS	770	370	1,000	U	730	-	-	500
COD by EPA Method 410.4																										
Chemical Oxygen Demand	NS	9,400 J	19,000	24,000	43,000	17,000	4,300 J	U	14,000	17,000	U	5,800 J	43,000	35,000	45,000	10,000	7,100 J	NS	30,000	51,000	15,000	22,000	250,000	-	-	U
TOC by EPA Method 9060A																										
Total Organic Carbon	NS	U	2,200	2,000	2,400	2,600	U	1,400	1,100	1,700	1,800	U	2,300	2,800	1,600	1,600	U	NS	1,400	2,800	1,800	1,600	4,300	-	-	2,400
Metals by EPA Method 6010B																										
Iron	300	**17,000**	**1,600**	**830**	**710**	**850**	132	U	U	150	U	**1,610**	**1,300**	**3,200**	**950**	**970**	**4,870**	NS	**400**	**16,000**	**1,000**	**27,800**	**16,000**	-	-	**3,300**
Manganese	300	**500**	**4,100**	**1,800**	**1,400**	**1,200**	2.2	10	U	27	U	**322**	250	**300**	**1,200**	**320**	**473**	NS	**390**	**10,000**	**1,200**	193	220	-	-	37

Analyte	GW Std^ (ug/L)	Sample Identification: MW05-03					MW05-04					MW05-05					MW05-10					MW05-11				
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11
Nitrate by EPA Method 9056																										
Nitrate	10,000	1,900	**11,000**	9,800	**12,000**	**14,000**	2,700	2,200	2,800	2,500	2,100	-	-	-	-	-	3,000	2,300	2,600	3,100	3,600	U	7,700	-	-	-
COD by EPA Method 410.4																										
Chemical Oxygen Demand	NS	U	46,000	18,000	12,000	U	U	U	U	10,000	U	-	-	-	-	-	8,100 J	34,000	32,000	62,000	13,000	20,400	U	-	-	-
TOC by EPA Method 9060A																										
Total Organic Carbon	NS	1,100	3,400	2,500	3,200	3,000	1,100	1,400	1,400	1,700	2,100	-	-	-	-	-		1,800	U	1,600	2,000	6,400	4,800	-	-	-
Metals by EPA Method 6010B																										
Iron	300	**9,150**	**8,800**	**3,100**	**3,900**	**2,000**	290	**310**	230	**1,100**	210	-	-	-	-	-	**3,630**	**420**	**790**	**3,400**	**960**	**9,330**	**2,500**	-	-	-
Manganese	300	245	200	67	230	71	4.9	U	33	42	U	-	-	-	-	-	89	26	35	150	32	**8,720**	**1,900**	-	-	-

Analyte	GW Std^ (ug/L)	Sample Identification: MW05-21					OB09-36					OB09-38					OW1-1					OW1-2				
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11
Nitrate by EPA Method 9056																										
Nitrate	10,000	NA	NA	NA	NA	NA	1,300	1,200	1,200	1,300	1,400	94 J	U	U	U	U	1,900	2,600	2,500	3,400	3,700	7,400	1,300	520	540	1,400
COD by EPA Method 410.4																										
Chemical Oxygen Demand	NS	NA	NA	NA	NA	NA	35,900	91,000	60,000	U	42,000	3,900 J	79,000	50,000	39,000	17,000	5,600 J	36,000	36,000	55,000	11,000	23,000	58,000	220,000	130,000	75,000
TOC by EPA Method 9060A																										
Total Organic Carbon	NS	NA	NA	NA	NA	NA	U	2,400	1,300	1,700	2,900	U	1,800	2,100	2,000	2,000	U	1,900	1,000	1,900	2,400	U	4,100	5,300	14,000	5,800
Metals by EPA Method 6010B																										
Iron	300	NA	NA	NA	NA	NA	**23,900**	**9,900**	**5,800**	**2,100**	**2,200**	**38,700**	**7,400**	**30,000**	**34,000**	**4,600**	**751**	**1,000**	**1,400**	**9,200**	**2,900**	**1,040**	260	**4,800**	**950**	290
Manganese	300	NA	NA	NA	NA	NA	**373**	260	170	240	59	**559**	280	**340**	**400**	140	14.3 J	33	140	**1,700**	150	150	**860**	**20,000**	**4,800**	**1,900**

Analyte	GW Std^ (ug/L)	Sample Identification: OW1-3					OW1-4					OW2-2					Duplicate			
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Mar-11 (BR09-37)	Jun-11 (OW2-2)	Sep-11 (IW2-1)	Dec-11 (OW2-2)
Nitrate by EPA Method 9056																				
Nitrate	10,000	780	1,900	2,300	3,400	2,100	3,000	1,600	1,600	1,800	1,200	210	170	U	380	1,800	880	U	850	2,500
COD by EPA Method 410.4																				
Chemical Oxygen Demand	NS	3,700 J	U	38,000	33,000	11,000	U	11,000	15,000	10,000	U	193,000	61,000	39,000	53,000	27,000	33,000	70,000	39,000	41,000
TOC by EPA Method 9060A																				
Total Organic Carbon	NS	U	2,100	2,500	4,100	2,100	U	1,300	1,700	7,000	1,300	U	2,600	1,900	2,500	3,200	2,400	1,900	1,600	2,400
Metals by EPA Method 6010B																				
Iron	300	227 J	U	**600**	**3,100**	160	209 J	U	**1,500**	**580**	**350**	**239,000**	**17,000**	**14,000**	**12,000**	**9,200**	**1,500**	**12,000**	**1,200**	**3,900**
Manganese	300	6.3 J	88	**2,700**	**16,000**	**400**	6.9 J	U	190	200	72	**3,640**	**5,300**	**4,800**	**4,300**	**2,900**	**3,600**	**4,400**	**320**	**2,600**

All values reported as ug/L
U - Analyzed for but Not Detected
J - Indicates an estimated value
NA - Not analyzed for
NS - No standard
(-) - No sample collected because well was dry
Pre-ISCO data collected
Metals samples were unfiltered even if turbidity was greater than 50 NTU
Bold and boxed results indicate an exceedance of Groundwater Standards
^ - GW Std - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

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Table 3: (Page 7 of 7) Post-ISCO Groundwater Sample Analytical Results, Pass & Seymour.

Analyte	GW Std^ (ug/L)	Sample Identification								
		OW1-2					Duplicate			
Date Sampled		Pre-ISCO	Mar-11	Jun-11	Sep-11	Dec-11	Mar-11 (OW1-2)	Jun-11 (OW1-2)	Sep-11 (OW1-2)	Dec-11 (OW1-2)
SVOCs by EPA Method 8270C										
Acenaphthene	20	U	U	U	U	U	U	U	U	U
Acenaphthylene		U	U	U	U	U	U	U	U	U
Anthracene	50	460 J	U	U	U	U	U	U	U	U
Benzidine	5	U	U	U	U	U	U	U	U	U
Benzo(a)anthracene	0.002	2,200	46	24	88	230	38	30	230	170
Benzo(b)fluoranthene	0.002	3,300	86	43	190	790	70	61	540	520
Benzo(k)fluoranthene	0.002	1,300	26	U	96	U	23	25	U	U
Benzo(g,h,i)perylene		3,000	35	24	50	400	32	22	220	280
Benzo(a)pyrene	ND	2,100	52	29	110	500	41	37	340	320
Bis(2-chlorethoxy)methane	5	U	U	U	U	U	U	U	U	U
Bis(2-chloroethyl)ether	1.0	U	U	U	U	U	U	U	U	U
Bis(2-chloroisopropyl)ether		U	U	U	U	U	U	U	U	U
4-Bromophenyl-phenylether		U	U	U	U	U	U	U	U	U
2-Chloronaphthalene	10	U	U	U	U	U	U	U	U	U
4-Chlorophenyl-phenylether		U	U	U	U	U	U	U	U	U
Chrysene	0.002	2,300	43	U	64	180	30	24	230	140
Dibenz(a,h)anthracene		760	U	U	U	U	U	U	U	U
3,3-Dichlorobenzidine	5	U	U	U	U	U	U	U	U	U
2,4-Dinitrotoluene	5	U	U	U	U	U	U	U	U	U
2,6-Dinitrotoluene	5	U	U	U	U	U	U	U	U	U
Fluoranthene	50	4,100	98	43	120	410	72	59	380	280
Fluorene	50	410 J	U	U	U	U	U	U	U	U
Hexachlorobenzene	0.04	U	U	U	U	U	U	U	U	U
Hexachloro-1,3-butadiene	0.5	U	U	U	U	U	U	U	U	U
Hexachlorocyclopentadiene	5	U	U	U	U	U	U	U	U	U
Hexachloroethane	5	U	U	U	U	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	0.002	3,400	39	26	52	390	32	23	210	U
Isophorone	50	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U
Nitrobenzene	0.4	U	U	U	U	U	U	U	U	U
n-Nitrosodimethylamine		U	U	U	U	U	U	U	U	U
n-Nitrosodiphenylamine	50	U	U	U	U	U	U	U	U	U
n-Nitrosodi-n-propylamine		U	U	U	U	U	U	U	U	U
Phenanthrene	50	450 J	U	U	U	U	U	U	U	U
Benzylbutyl phthalate		U	U	U	U	U	U	U	U	U
Bis(2-ethylhexyl)phthalate	5	1,300	35	32	77	260	30	U	210	170
Di-n-butyl phthalate	50	U	U	U	U	U	U	U	U	U
Diethyl phthalate	50	U	U	U	U	U	U	U	U	U
Dimethyl phthalate	50	U	U	U	U	U	U	U	U	U
Di-n-octyl phthalate	50	U	U	U	U	U	U	U	U	U
Pyrene	50	3,600	95	40	220	880	72	54	560	810
1,2,4-Trichlorobenzene	5	U	U	U	U	U	U	U	U	U
4-Chloro-3-methylphenol		U	U	U	U	U	U	U	U	U
2-Chlorophenol		U	U	U	U	U	U	U	U	U
2,4-Dichlorophenol	5	U	U	U	U	U	U	U	U	U
2,4-Dimethylphenol	50	U	U	U	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol		U	U	U	U	U	U	U	U	U
2,4-Dinitrophenol	10	U	U	U	U	U	U	U	U	U
2-Nitrophenol		U	U	U	U	U	U	U	U	U
4-Nitrophenol		U	U	U	U	U	U	U	U	U
Pentachlorophenol	1	U	U	U	U	U	U	U	U	U
Phenol	1	U	U	U	U	U	U	U	U	U
2,4,6-Trichlorophenol		U	U	U	U	U	U	U	U	U

All values reported as ug/L

U - Analyzed for but Not Detected

J - Indicates an estimated value

ND - Non-detect

Pre-ISCO data collected

Bold and boxed results indicate an exceedance of Groundwater Standards

^ - GW Std - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

APPENDIX A

DW STONER & ASSOCIATES, LLC

DAILY FIELD REPORT

DATE: Dec. 5, 2011
DW STONER & ASSOC REPRESENTATIVE: (SWRNA REP Ian McNamara)

PROJECT NAME: Pass and Seymour 2011 Monitoring

PROJECT NO. N1103

TIME ON /TIME OFF SITE: 7:30 AM /1600 PM

SUBCONTRACTORS: Sampling completed by SWRNA personnel

1. Indicate the day's work objective, and summarize specific work that was actually completed today.

- o Soil Borings
- o Monitoring Wells Installed
- o Test Pits
- o Soil Excavation Removal
- o Phase I Excavation
- X Groundwater Sampling
- o Explosive Gas Survey
- o Soil Gas Survey
- o Tank Removal
- o Other

Describe (include site sketch if applicable):
Sampling completed in accordance with approved field sampling plan.

---

2. What manpower and equipment were used today? (Field personnel for each contractor, major power equipment, indicate DW STONER & ASSOCIATES-owned equipment, rental equipment, and subcontractor equipment)

Used disposable bailers, PID, Meters for temperature, conductivity, salinity, dissolved oxygen, pH, ORP turbidity and water level.

Describe any problems operating or (if applicable) calibrating field monitoring instruments (PID), air monitors, explosive gas meters, water quality meters, pumps, etc.)

NONE

3. Were samples collected for laboratory analysis (YES or NO?) If YES, indicate sample location and/or I.D. sample depth (soils borings), and analytical program

SOIL SAMPLES	GROUNDWATER SAMPLES	OTHER
	Samples taken from OB09-38, OW2-2, OB09-36,IW2-3, IW2-1,MW05-10,MW05-03, OW1-1,BR09-39,OW1-4, MW05-02 and MW05-03	

4. Were there any changes to scope of work or departures from approved work plan? If so, describe:
NONE

5. Were there any damages to property? _____YES ____X___NO
If YES, explain and locates.

6. Were photographs taken by project representative? _____YES ___X___NO If YES, then indicate specific location, description, and number of photos.

7. What were weather and site conditions?

TIME	PRECIPATION	SKIES	AIR TEMPERATURE	GROUND/PAVEMENT MOISTURE
9:00 a.m.	Overcast		45 degrees F	damp
Noon	Overcast			damp
3:00 p.m.	Overcast		55 degrees F	damp

8. Who were the visitors that came to the site? List names.
NONE

9. Additional Comments: Elevated turbidity noted in OB09-35, OW2-2, OB09-36, IW2-3, IW2-1, OW1-1. No sheen or odor observed in any wells sampled.

DW STONER & ASSOCIATES, LLC

DAILY FIELD REPORT

DATE: December 6, 2011
DW STONER & ASSOC REPRESENTATIVE: (SWRNA rep Ian McNamara)

PROJECT NAME: Pass and Seymour 2011 Monitoring

PROJECT NO. N1103

TIME ON /TIME OFF SITE: 8:00 AM / 13:15 PM

SUBCONTRACTORS: Sampling completed by SWRNA personnel

1. Indicate the day's work objective, and summarize specific work that was actually completed today.

- o Soil Borings
- o Monitoring Wells Installed
- o Test Pits
- o Soil Excavation Removal
- o Phase I Excavation
- X Groundwater Sampling
- o Explosive Gas Survey
- o Soil Gas Survey
- o Tank Removal
- o Other

Describe (include site sketch if applicable):

Sampling completed in accordance with approved field-sampling plan.

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2. What manpower and equipment were used today? (Field personnel for each contractor, major power equipment, indicate DW STONER & ASSOCIATES-owned equipment, rental equipment, and subcontractor equipment)

Used disposable bailers, PID, meters for temperature, conductivity, salinity, dissolved oxygen, pH, ORP, turbidity and water level.

Describe any problems operating or (if applicable) calibrating field monitoring instruments (PID), air monitors, explosive gas meters, water quality meters, pumps, etc.)

Insufficient volume to sample MW05-11 and MW05-05 (dry).

3. Were samples collected for laboratory analysis **(YES** or NO?) If YES, indicate sample location and/or I.D. sample depth (soils borings), and analytical program

SOIL SAMPLES	GROUNDWATER SAMPLES	OTHER
	Samples taken from OW1-2, BR09-37, MW05-04, MW05-02, OW1-3, MW05-21 and BR07-31	

4. Were there any changes to scope of work or departures from approved work plan? If so, describe:

No samples taken from MW05-05 NS MW05-11 due to insufficient volume.

5. Were there any damages to property? _____YES ___X____NO
If YES, explain and locates.

6. Were photographs taken by project representative? _____YES __X____NO If YES, then indicate specific location, description, and number of photos.

7. What were weather and site conditions?

TIME	PRECEIPATION	SKIES	AIR TEMPERATURE	GROUND/PAVEMENT MOISTURE
9:00 a.m.	Showers	O.C.	40 degrees F	Wet
Noon	Showers	O.C.	40 degrees F	Wet
3:00 p.m.				

8. Who were the visitors that came to the site? List names.

NONE

9. Additional Comments:

Elevated turbidity noted for wells BR09-37, MW05-02, 0W1-3, and MW05-21. Slight odor in BR09-37. No sheen in any wells. Appearance of floating material believed to be spent permanganate in OW1-3.