PARSONS

40 La Riviere Drive, Suite 350 ● Buffalo, New York, 14202 ● (716) 541-0757 ● Fax (716) 541-0760 ● www.parsons.com

August 2, 2010

Ms. Mary E. McIntosh
New York State Department of Environmental Conservation
Division of Solid and Hazardous Materials, Region 9
270 Michigan Ave.
Buffalo, NY 14203-2999

RE: Carborundum Landfills #07N18 and 07S01
Spring 2010 Sampling

Dear Ms. McIntosh:

The data from the semi-annual sampling event, conducted in May 2010, are provided herein (Table 1). The Site has two closed landfills, which are monitored via a groundwater sampling program. Facility No. 07N18 is the "old" landfill near the road and Facility No. 07S01 is the "new" landfill in the south portion of the Site.

SAMPLING AND OBSERVATIONS

The semi-annual sampling program consists of sampling groundwater from site wells for analytical parameters listed in Table 1 in addition to oil and grease (from four wells). During the Spring 2010 event, the wells were sampled by bailing as done historically at the Site. Due to damage to background well B-32W, a groundwater sample was not able to be collected. The damage to B-32W appears to have been caused by winter conditions. The well will be repaired prior to the next sampling event.

Oil and grease was not detected in any of the samples (B-10WS, B-10WD, B28WS and B-28WD) collected during the February or May 2010 sampling events.

Analytical results for phenolics ranged from below the analytical detection limits to 0.029 mg/L, consistent with the last several rounds of sampling.

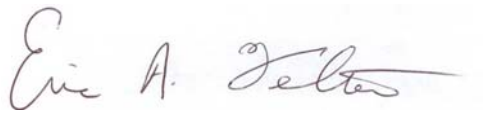
Results from the May 2010 sampling event are shown in Table 1. A copy of the entire laboratory data package is attached. In general the results are consistent with previous sampling results. Historical analytical results from November 2005 through May 2010 are provided in Table 2.

UPDATE AND ANTICIPATED SCHEDULE

Quarterly Sampling for Oil and Grease is tentatively scheduled for August 2010. The semi-annual sampling is scheduled for Fall of 2010.

If you have any comments, questions, or concerns regarding this document, please contact Bill Barber at (216) 271-8038.

Sincerely,



Eric A. Felter
Project Manager

cc: William B. Barber, CPG
Phil Mobilia, Monofrax
File - 445681

TABLE 1
SUMMARY OF SEMI-ANNUAL GROUNDWATER
SAMPLING RESULTS SPRING 2010

	Sample ID	B-10WS	B-10WD	B-12W	B-15W	B-26R	B-28WS	B-28WD
	Sample Date	5/28/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010
Compound	Units							
Aluminum - Soluble	mg/L	<0.05	<0.25	<0.01	<0.01	<0.05	<0.05	<0.25
Aluminum - Total	mg/L	0.15	0.27	<0.05	0.096	3.00	2.63	0.07
Boron - Soluble	mg/L	0.266	0.300	<0.01	0.063	0.229	0.772	0.11
Boron - Total	mg/L	0.225	0.284	0.032	0.086	0.205	0.802	0.221
Chromium - Soluble	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05
Copper - Total	mg/L	0.028	0.010	<0.01	0.016	<0.01	<0.01	<0.01
Iron - Soluble	mg/L	<0.01	<0.05	0.239	0.086	1.13	0.919	<0.05
Iron - Total	mg/L	0.098	0.636	2.07	2.230	8.32	5.45	0.659
Lead - Soluble	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	0.154	<0.05	0.401	0.073	0.672	0.132	<0.05
Manganese - Total	mg/L	0.163	0.035	0.398	0.131	0.728	0.173	0.066
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	0.250	0.29	<0.2	<0.2	0.26	<0.2	<0.2
Phenolics (wet chem) *	mg/L	<0.005	<0.005	0.011	0.029	0.017	0.006	<0.005
Sulfate (Turbidity)	mg/L	7.5	5.4	42	6.0	5.0	<5.0	<5.0
Total Dissolved Solids (TDS)	mg/L	310	198	452	152	636	776	322
pH	SU	7.5	7.7	7.5	7.8	7.2	7.1	7.3
Specific Conductance	umhos/cm	645	435	796	328	1256	2510	668
Turbidity	NTU	1.43	13.8	10.1	12.7	105	19.2	7.96
Temperature	F	54	57	54	50	48	46	46
Comments		Clear	Clear	Orange	Clear	Brown	Cloudy	Dirty

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 1
SUMMARY OF SEMI-ANNUAL GROUNDWATER
SAMPLING RESULTS SPRING 2010

	Sample ID	B-29W	B-30W	B-31W	B-31W	004	Underliner
	Sample Date	5/28/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010
Compound	Units				Duplicate		
Aluminum - Soluble	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	<0.05	0.05	0.23	<0.05	0.18	<0.05
Boron - Soluble	mg/L	0.030	0.046	<0.05	0.020	0.146	0.014
Boron - Total	mg/L	0.022	0.046	0.021	0.018	0.134	<0.01
Chromium - Soluble	mg/L	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.062
Iron - Soluble	mg/L	0.518	0.422	<0.05	0.250	0.067	0.020
Iron - Total	mg/L	2.21	2.620	1.20	2.12	34.4	1.67
Lead - Soluble	mg/L	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	0.819	0.120	0.175	0.381	0.122	0.103
Manganese - Total	mg/L	1.06	0.125	0.223	0.362	0.174	0.100
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	<0.2	<0.2	<0.2	<0.2	0.91	<0.2
Phenolics (wet chem) *	mg/L	0.005	0.014	0.006	0.005	0.007	0.015
Sulfate (Turbidity)	mg/L	290	26	44	44	60	124
Total Dissolved Solids (TDS)	mg/L	622	182	314	484	380	650
pH	SU	7.1	7.7	7.5	7.5	NA	NA
Specific Conductance	umhos/cm	974	395	560	796	827	883
Turbidity	NTU	12.6	12.2	13.5	12.2	144	0.46
Temperature	F	54	50	52	52	NA	NA
Comments		Clear	Brown	Clear	Clear		

* Applies to the sum of phenolic compounds
< X - less than method quantitaion limit
NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-10WS	B-10WS	B-10WS	B-10WS	B-10WS	B-10WS	B-10WS	B-10WS	B-10WS	B-10WS
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	0.0894	0.015	<0.01	0.097	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	1.06	0.224	0.083	0.084	0.264	0.17	0.15	<0.05	0.07	0.15
Boron - Soluble	mg/L	0.292	0.285	0.302	0.270	0.273	0.27	0.220	0.17	0.24	0.27
Boron - Total	mg/L	0.27	0.246	0.282	0.258	0.272	0.25	0.209	0.153	0.269	0.225
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	0.011	0.015	<0.01	<0.01	<0.01	0.014	0.026	<0.01	<0.01
Copper - Total	mg/L	0.0145	0.017	0.011	0.010	0.014	0.021	0.021	0.010	0.016	0.028
Iron - Soluble	mg/L	0.689	<0.01	0.013	0.020	0.032	<0.01	0.063	0.012	<0.01	<0.01
Iron - Total	mg/L	2.08	0.419	<0.01	0.462	1.15	0.482	0.551	0.069	0.203	0.098
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	0.099	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	0.166	0.108	0.164	0.176	0.015	0.149	0.211	0.123	0.158	0.154
Manganese - Total	mg/L	0.168	0.11	0.165	0.202	0.163	0.167	0.207	0.103	0.201	0.163
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	0.00043	<0.0002	0.00023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	0.239	0.267	0.36	0.36	0.22	0.3	0.267	0.27	0.24	0.250
Phenolics (wet chem) *	mg/L	0.009	<0.005	0.015	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Sulfate (as SO4)	mg/L	15	8.8	<5.0	5.2	<5.0	8.9	8.0	8	6.5	7.5
Total Dissolved Solids	mg/L	392	346	360	386	308	360	356	326	360	310
pH		7.9	7.4	7.72	7.3	7.4	7.4	6.9	7.1	6.8	7.5
Specific Conductance	umhos/cm	740	629	625	552	624	632	622	629	630	645
Turbidity	NTU	34.7	NA	42.1	1.9	220	4.44	1.98	1.5	1.91	1.43
Temperature	F	48.7	68.2	58.1	50	50	50	41	59	48	54
Comments		Clear	Clear	Clear	Clear	NA	NA	Clear	Clear	Clear	Clear

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-10WD	B-10WD	B-10WD	B-10WD	B-10WD	B-10WD	B-10WD	B-10WD	B-10WD	B-10WD	B-11WS	B-11WS
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10	11/17/05	4/19/06
Compound	Units												
Aluminum - Soluble	mg/L	<0.01	0.015	<0.01	0.101	0.098	<0.05	<0.05	<0.05	<0.05	<0.25	0.151	0.022
Aluminum - Total	mg/L	1.22	0.048	0.07	1.12	0.073	0.08	<0.05	<0.05	0.05	0.27	10.8	0.7
Boron - Soluble	mg/L	0.321	0.341	0.333	0.324	0.24	0.32	0.252	0.210	0.280	0.300	0.0754	0.068
Boron - Total	mg/L	0.317	0.272	0.319	0.277	0.36	0.31	0.230	0.176	0.310	0.284	0.0857	0.047
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.012	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.010	0.011	<0.01	<0.01	<0.05	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	0.02	0.011	0.02	0.012	<0.01	<0.01	0.012	0.010	0.0245	0.01
Iron - Soluble	mg/L	0.0235	0.07	0.012	<0.01	0.034	<0.01	0.296	<0.01	<0.01	<0.05	0.368	<0.01
Iron - Total	mg/L	3.23	0.967	1.69	2.41	0.895	0.353	1.21	0.099	0.376	0.636	16.3	0.864
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	0.034	<0.01	<0.01	<0.01	<0.01	<0.01	0.018	<0.01	0.0159	<0.01
Manganese - Soluble	mg/L	0.0924	0.092	0.087	0.073	0.063	0.097	0.174	0.011	0.118	<0.05	2.93	3.18
Manganese - Total	mg/L	0.128	0.082	0.097	0.102	0.07	0.104	0.157	0.013	0.154	0.035	3.05	3.01
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	0.00039	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	0.241	0.271	0.38	0.34	0.22	0.31	0.308	0.29	0.3	0.29	<0.2	<0.2
Phenolics (wet chem) *	mg/L	0.007	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	0.006	0.006	<0.005	0.006	<0.005
Sulfate (as SO4)	mg/L	<5	<5.0	<5.0	<5.0	<5.0	5.5	7.0	<5.0	<5.0	5.4	340	42
Total Dissolved Solids	mg/L	306	246	280	258	222	258	242	228	226	198	1870	1676
pH		8.7	7.4	7.78	7.6	7.6	7.3	6.9	7.5	7.0	7.7	7.7	6.7
Specific Conductance	umhos/cm	545	428	467	380	417	436	426	433	423	435	296	2670
Turbidity	NTU	35.8	NA	540	1.1	6.9	4.47	4.68	1.21	2.82	13.8	309	NA
Temperature	F	50.3	68.5	62.6	50	50	52	41	59	48	57	50.2	53.8
Comments		Cloudy w/ ant	Cloudy	Cloudy	Clear	NA	NA	Clear	Clear	Clear	Clear	Gray with soldis	Clear

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-11WD	B-11WD	B-12W	B-12W	B-12W	B-12W	B-12W	B-12W	B-12W	B-12W	B-12W	B-12W
	Date	11/17/05	4/19/06	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units												
Aluminum - Soluble	mg/L	0.0484	1.02	0.052	0.019	<0.01	0.113	0.180	<0.05	<0.05	<0.05	<0.05	<0.01
Aluminum - Total	mg/L	3.43	1.2	0.268	0.08	5.19	0.024	0.082	0.08	0.06	<0.05	<0.05	<0.05
Boron - Soluble	mg/L	0.0727	0.094	0.0289	0.03	0.02	0.026	<0.02	0.02	0.019	0.024	0.015	<0.01
Boron - Total	mg/L	0.0744	0.316	0.0281	<0.01	0.082	<0.025	0.024	0.02	0.017	0.021	<0.01	0.032
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	0.011	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	0.024	<0.01	0.011	<0.01	0.010	<0.01	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	<0.01	<0.01	0.034	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron - Soluble	mg/L	0.0833	0.012	0.0938	0.018	0.189	0.442	0.378	0.572	0.333	0.872	<0.01	0.239
Iron - Total	mg/L	2.5	0.184	0.807	0.258	6.35	1.02	1.37	1.56	2.44	1.38	1.61	2.07
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	0.016	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	2.92	<0.01	0.0762	0.554	0.086	0.377	0.363	0.451	0.248	0.399	0.126	0.401
Manganese - Total	mg/L	0.05	<0.01	0.0989	0.516	0.159	0.447	0.395	0.420	0.338	0.319	0.294	0.398
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	<0.2	<0.2	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phenolics (wet chem) *	mg/L	0.032	<0.005	<0.005	<0.005	0.014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.011
Sulfate (as SO4)	mg/L	12	8.2	16	40	6.9	41	40	50	48	46	46	42
Total Dissolved Solids	mg/L	296	350	206	304	166	508	448	500	486	426	434	452
pH		9.7	10	8.3	7.4	7.09	7.1	7.3	7.3	7.2	7.0	6.9	7.5
Specific Conductance	umhos/cm	507	602	335	784	272	730	810	757	783	768	780	796
Turbidity	NTU	68.3	NA	9.4	NA	20.3	0.5	101	13.5	25.8	13.6	7.8	10.1
Temperature	F	50	54.3	50.2	55.6	56.9	48	50	54	47	50	48	54
Comments		Clear	Clear	Orange	Orange	Orange	Red-brown	NA	NA	Orange	Orange	Orange	Orange

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-14W	B-14W	B-15W	B-15W	B-15W	B-15W	B-15W	B-15W	B-15W	B-15W	B-15W	B-15W
	Date	11/17/05	4/19/06	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units												
Aluminum - Soluble	mg/L	0.0131	0.043	0.0118	0.044	0.725	0.126	0.110	0.06	0.070	<0.05	<0.05	<0.01
Aluminum - Total	mg/L	0.829	0.606	1.57	1.73	2.68	0.616	0.350	0.73	0.20	0.27	0.41	0.096
Boron - Soluble	mg/L	0.11	0.099	0.0925	0.09	0.096	0.090	0.080	0.07	0.078	0.060	0.082	0.063
Boron - Total	mg/L	0.0996	0.466	0.0979	0.086	0.078	0.066	0.087	0.08	0.073	0.053	0.080	0.086
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.012	0.01	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	0.0147	0.013	0.054	0.013	0.032	0.019	0.028	<0.01	0.012	0.016
Iron - Soluble	mg/L	0.0147	<0.01	0.0146	0.02	0.670	<0.01	0.01	0.035	0.330	0.014	<0.01	0.086
Iron - Total	mg/L	1.62	0.858	2.69	2.47	9.14	1.53	0.741	1.56	0.603	0.669	0.540	2.23
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	0.078	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	0.09	0.062	0.0679	0.111	0.076	0.115	0.032	0.079	0.070	0.075	0.027	0.073
Manganese - Total	mg/L	0.105	0.078	0.1	0.098	0.334	0.150	0.049	0.153	0.085	0.097	0.045	0.131
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	0.00026	0.00026	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	0.252	<0.2	0.203	<0.2	0.23	0.21	<0.2	<0.2	<0.2	0.21	<0.2	<0.2
Phenolics (wet chem) *	mg/L	<0.005	0.009	0.026	<0.005	0.016	0.011	<0.005	<0.005	<0.005	0.013	0.023	0.029
Sulfate (as SO4)	mg/L	27	20	6.2	8.1	5.8	12	5.5	6.4	12	11	<5.0	6.0
Total Dissolved Solids	mg/L	234	194	206	204	208	232	170	162	192	182	150	152
pH		7.8	7.6	8.1	8.2	8.11	7.7	7.5	7.3	6.9	7.2	6.9	7.8
Specific Conductance	umhos/cm	405	302	376	289	300	327	289	293	328	312	274	328
Turbidity	NTU	32.7	NA	76.5	NA	46.4	34.5	268	35.7	15.9	16.4	12.3	12.7
Temperature	F	49.85	50.4	51.8	55.6	62.1	50	50	55	47	50	48	50
Comments		Clear	Clear	Cloudy with	Cloudy	Cloudy	Dirty	NA	NA	Clear	Clear	Clear	Clear

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-26W	B-26W	B-26R	B-26R	B-26R	B-26R	B-26R	B-26R	B-26R	B-26R
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	0.697	0.024	<0.01	0.149	0.068	<0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	201	0.926	5.25	9.66	0.150	0.50	0.30	0.26	0.20	3.00
Boron - Soluble	mg/L	0.28	0.264	0.444	0.316	0.295	0.24	0.228	0.170	0.238	0.229
Boron - Total	mg/L	0.297	0.221	0.506	0.262	0.338	0.27	0.221	0.147	0.244	0.205
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	0.239	<0.01	0.011	0.019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.010	<0.01	<0.01	<0.01
Copper - Total	mg/L	0.273	<0.01	0.034	0.026	<0.01	0.01	0.017	<0.01	<0.01	<0.01
Iron - Soluble	mg/L	0.717	<0.01	8.71	4.34	10.3	0.46	6.78	3.43	0.012	1.13
Iron - Total	mg/L	376	1.03	72.8	30.2	13.2	6.38	8.91	5.68	6.72	8.32
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	0.1	<0.01	0.018	<0.01	0.012	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	<0.01	0.011	2.8	0.519	0.699	0.602	0.701	0.802	0.57	0.672
Manganese - Total	mg/L	3.65	0.016	6.25	1.04	0.783	0.645	0.676	0.661	0.582	0.728
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	0.242	0.289	0.49	0.50	0.30	0.27	0.271	0.28	0.25	0.26
Phenolics (wet chem) *	mg/L	<0.005	<0.005	0.028	0.036	<0.005	<0.005	<0.005	0.015	0.016	0.017
Sulfate (as SO4)	mg/L	17	19	288	54	39	38	46	38	32	5.0
Total Dissolved Solids	mg/L	590	448	988	446	728	500	802	706	708	636
pH		7.9	7.5	7.26	6.8	6.9	7	7.1	6.9	6.7	7.2
Specific Conductance	umhos/cm	736	645	1500	1254	1350	1350	1319	1250	1240	1256
Turbidity	NTU	688	NA	232	878	99.9	75	94.1	78.1	41.4	105
Temperature	F	50.2	61	60.5	50	46.7	50	54.3	52	48	48
Comments		Brown w/ sand	Well went dry during	Cloudy	Dirty	Low-flow sampling	Low-flow sampling	Brown	Brown	Brown	Brown

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-28WS	B-28WS	B-28WS	B-28WS	B-28WS	B-28WS	B-28WS	B-28WS	B-28WS	B-28WS
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	11/12/08	5/29/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	0.026	0.032	<0.01	0.096	0.112	NA	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	0.16	0.663	1.34	0.972	0.076	0.22	<0.05	0.38	0.44	2.63
Boron - Soluble	mg/L	0.0293	0.218	0.513	0.711	0.034	NA	0.57	0.519	0.559	0.772
Boron - Total	mg/L	0.0355	0.195	0.436	0.821	0.028	1.00	0.39	0.464	0.703	0.802
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	0.012	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
Copper - Total	mg/L	0.0109	0.011	0.013	0.020	<0.01	0.011	<0.01	<0.01	0.012	<0.01
Iron - Soluble	mg/L	0.0124	0.015	0.226	1.02	0.013	NA	0.661	0.658	0.011	0.919
Iron - Total	mg/L	0.148	1.41	2.09	2.85	0.127	3.27	0.453	1.99	1.69	5.45
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.016	<0.01
Manganese - Soluble	mg/L	<0.01	0.05	0.043	0.121	<0.01	NA	0.087	0.097	0.025	0.132
Manganese - Total	mg/L	<0.01	0.077	0.059	0.152	<0.01	0.158	0.066	0.097	0.077	0.173
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	0.215	0.273	0.35	0.40	0.20	0.344	0.30	0.30	0.24	<0.2
Phenolics (wet chem) *	mg/L	0.034	0.005	0.052	0.245	<0.005	<0.005	<0.005	0.007	0.02	0.006
Sulfate (as SO4)	mg/L	7.7	5.5	7	<5.0	11	13	<5.0	<5.0	<5.0	<5.0
Total Dissolved Solids	mg/L	244	294	364	432	192	532	336	374	430	776
pH		8.2	7.8	7.75	6.6	7.7	NA	7.2	7.0	6.4	7.1
Specific Conductance	umhos/cm	507	517	788	634	407	NA	562	683	730	2510
Turbidity	NTU	1.8	NA	388	66	2.22	NA	3.64	92.4	15.9	19.2
Temperature	F	46.5	73.6	58.5	48	48	NA	50	50	48	46
Comments		Gray w/ solids	Cloudy	Cloudy	Cloudy	Low-flow sampling	Cloudy	Low-flow sampling	Cloudy	Cloudy	Cloudy

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-28WD	B-28WD	B-28WD	B-28WD	B-28WD	B-28WD	B-28WD	B-28WD	B-28WD	B-28WD
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	<0.01	0.024	<0.01	0.132	0.073	0.05	<0.05	<0.05	<0.05	<0.25
Aluminum - Total	mg/L	0.0856	0.071	0.353	1.09	0.220	0.55	0.05	<0.05	0.11	0.07
Boron - Soluble	mg/L	0.234	0.283	0.282	0.276	0.265	0.24	0.208	0.185	0.222	0.11
Boron - Total	mg/L	0.2	0.22	0.309	0.225	0.276	0.26	0.198	0.151	0.210	0.221
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Chromium - Total	mg/L	<0.01	<0.01	<0.01	0.014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.014	<0.01	<0.05
Copper - Total	mg/L	<0.01	<0.01	0.01	0.017	<0.01	0.031	<0.01	<0.01	0.012	<0.01
Iron - Soluble	mg/L	<0.01	<0.01	0.411	<0.01	1.05	0.031	1.07	0.314	<0.01	<0.05
Iron - Total	mg/L	0.117	0.136	3.7	1.67	2.23	1.26	1.76	0.702	1.27	0.659
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.032	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	<0.01	0.133	0.15	0.028	0.200	0.072	0.155	0.542	0.079	<0.05
Manganese - Total	mg/L	<0.01	0.058	0.195	0.019	0.209	0.069	0.155	0.459	0.067	0.066
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	<0.2	0.214	0.32	0.27	<0.2	0.25	0.221	0.23	<0.2	<0.2
Phenolics (wet chem) *	mg/L	<0.005	<0.005	0.026	0.013	<0.005	0.005	<0.005	0.007	0.019	<0.005
Sulfate (as SO4)	mg/L	<5	<5.0	<5.0	<5.0	5.0	5.5	8.3	<5.0	<5.0	<5.0
Total Dissolved Solids	mg/L	352	368	352	378	354	388	388	348	368	322
pH		8	7.3	7.76	6.8	7.4	7.1	6.9	7.0	6.8	7.3
Specific Conductance	umhos/cm	760	644	662	542	650	649	661	662	656	668
Turbidity	NTU	3.3	NA	79.8	150	3.35	3.94	20.7	10.4	12.3	7.96
Temperature	F	48.5	69.8	58.7	50	50	50	41	54	48	46
Comments		Cloudy w/ solids	Cloudy	Cloudy	Dirty	NA	NA	Dirty	Dirty	Dirty	Dirty

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-29W	B-29W	B-29W	B-29W	B-29W	B-29W	B-29W	B-29W	B-29W	B-29W
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	0.0106	0.026	<0.01	0.11	0.055	0.06	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	0.73	0.07	0.437	0.888	0.102	<0.05	<0.05	<0.05	<0.05	<0.05
Boron - Soluble	mg/L	0.0537	0.067	0.065	0.052	0.032	0.01	0.027	0.030	0.038	0.030
Boron - Total	mg/L	0.0565	0.034	0.23	<0.025	0.036	0.03	0.027	0.025	0.031	0.022
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.016	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.013	<0.01	<0.01	<0.01
Iron - Soluble	mg/L	0.808	<0.01	0.269	0.576	0.415	0.071	0.055	0.318	<0.01	0.518
Iron - Total	mg/L	2.61	0.971	4.69	1.47	1.12	1.17	0.498	1.46	<0.01	2.21
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	1.29	1.92	1.69	1.36	1.58	1.93	1.38	1.36	1.15	0.819
Manganese - Total	mg/L	1.23	1.68	1.4	1.64	1.60	2.00	1.30	1.13	1.62	1.06
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0039	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phenolics (wet chem) *	mg/L	<0.005	<0.005	0.2	0.066	<0.005	0.005	0.317	0.072	0.028	0.005
Sulfate (as SO4)	mg/L	220	172	181	151	160	190	155	210	260	290
Total Dissolved Solids	mg/L	610	618	634	650	574	628	598	602	692	622
pH		7.2	7.3	7.25	7.1	7.1	6.9	6.7	6.8	6.8	7.1
Specific Conductance	umhos/cm	1110	961	937	509	911	895	886	993	1010	974
Turbidity	NTU	8.3	NA	20.6	19.1	8.12	23.6	5.15	36.4	4.1	12.6
Temperature	F	53.8	61	56.6	54	50	50	45	50	48	54
Comments		Clear w/ solids	Clear	Turbid	Clear	NA	NA	Clear	Clear	Clear	Clear

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-30W	B-30W	B-30W	B-30W	B-30W	B-30W	B-30W	B-30W	B-30W	B-30W
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	<0.01	0.027	<0.01	0.082	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	0.185	0.1	0.454	0.234	0.057	0.23	0.10	<0.05	0.06	0.05
Boron - Soluble	mg/L	0.0556	0.052	0.065	0.058	0.048	0.04	0.034	0.038	0.044	0.046
Boron - Total	mg/L	0.0562	0.034	0.046	<0.025	0.053	0.04	0.039	0.034	0.049	0.046
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	0.029	0.014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	0.018	0.015	<0.01	<0.01	0.017	<0.01	<0.01	<0.01
Iron - Soluble	mg/L	0.039	0.047	0.109	0.034	<0.01	0.021	0.109	0.011	<0.01	0.422
Iron - Total	mg/L	2.55	0.513	3.63	2.04	1.24	3.63	0.908	1.40	0.817	2.620
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	0.013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	0.125	0.111	0.163	0.090	0.131	0.092	0.127	0.087	0.098	0.120
Manganese - Total	mg/L	0.131	0.08	0.152	0.114	0.142	0.099	0.111	0.082	0.128	0.125
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	0.00043	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phenolics (wet chem) *	mg/L	0.058	<0.005	<0.005	0.098	<0.005	0.007	<0.005	<0.005	0.019	0.014
Sulfate (as SO4)	mg/L	26	27	23	24	29	26	31	29	26	26
Total Dissolved Solids	mg/L	238	232	246	250	206	258	230	206	250	182
pH		7.8	8.0	7.6	7.7	7.6	7.7	8.2	7.2	7.0	7.7
Specific Conductance	umhos/cm	481	413	400	362	393	392	392	391	383	395
Turbidity	NTU	8.2	NA	6	23.2	14	74.6	4.84	5.2	5.4	12.2
Temperature	F	48.3	56.5	56.3	50	47.3	50	50.9	59	48	50
Comments		Stained	Clear	Cloudy to clear	Red-brn/Clear	Low Flow Sampling	Low Flow Sampling	Brown	Brown	Brown	Brown

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-31W	B-31W	B-31W	B-31W	B-31W	B-31W	B-31W	B-31W	B-31W	B-31W
	Date	11/17/05	4/19/06	11/9/06	6/6/07	6/6/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	0.0154	0.016	<0.01	0.092	0.262	<0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	0.176	0.64	2.68	0.467	0.550	0.33	0.16	<0.05	<0.05	0.23
Boron - Soluble	mg/L	0.029	0.025	0.026	0.041	<0.02	0.01	0.017	0.036	0.025	<0.05
Boron - Total	mg/L	0.0285	0.35	<0.01	<0.025	0.036	0.02	0.021	0.033	0.018	0.021
Chromium - Soluble	mg/L	0.01	<0.01	<0.01	<0.01	0.016	<0.01	<0.01	<0.01	<0.01	<0.05
Chromium - Total	mg/L	<0.01	<0.01	<0.01	0.019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.011	<0.01	<0.05
Copper - Total	mg/L	0.0188	0.011	0.023	0.037	0.011	0.018	0.023	<0.01	0.019	<0.01
Iron - Soluble	mg/L	0.0168	0.063	<0.01	0.741	<0.01	<0.01	0.023	0.070	0.029	<0.05
Iron - Total	mg/L	0.361	0.364	5.52	1.5	1.89	3.43	0.638	1.30	0.350	1.20
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.018	<0.01
Manganese - Soluble	mg/L	0.0574	0.244	0.054	0.222	0.065	0.254	0.024	0.271	0.026	0.175
Manganese - Total	mg/L	0.101	0.227	0.21	0.321	0.114	0.378	0.071	0.266	0.066	0.223
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phenolics (wet chem) *	mg/L	0.1	<0.005	0.054	0.033	0.022	<0.005	0.403	0.017	0.020	0.006
Sulfate (as SO4)	mg/L	46	50	45	44	40	50	60	48	44	44
Total Dissolved Solids	mg/L	356	330	362	362	360	354	338	308	340	314
pH		7.9	7.9	7.67	7.6	7.3	7.2	6.8	7.2	6.8	7.5
Specific Conductance	umhos/cm	748	541	594	509	649	558	545	547	562	560
Turbidity	NTU	3.2	NA	7.2	26.3	374	3.29	4.62	21.1	1.93	13.5
Temperature	F	49.9	55.6	53.5	54	50	50	46	52	50	52
Comments		Clear	Clear	Clear	Clear	NA	NA	Clear	Clear	Clear	Clear

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	B-32W	B-32W	B-32W	B-32W	B-32W	B-32W	B-32W	B-32W	B-32W
	Date	11/17/05	4/19/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09
Compound	Units									
Aluminum - Soluble	mg/L	0.0108	0.031	0.093	0.081	<0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	0.217	0.108	0.270	1.02	0.350	0.05	0.44	<0.05	<0.05
Boron - Soluble	mg/L	0.0274	0.029	0.026	0.072	0.026	<0.01	0.014	0.023	0.024
Boron - Total	mg/L	0.0289	0.016	0.013	<0.025	0.057	0.02	0.026	0.021	0.019
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	0.019	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.013	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	0.017	0.018	<0.01	0.023	<0.01	<0.01	<0.01
Iron - Soluble	mg/L	0.328	1.01	0.277	0.741	0.399	0.465	1.62	3.35	<0.01
Iron - Total	mg/L	3	5.26	4.46	10.1	3.51	10.6	14.7	11.5	6.52
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese - Soluble	mg/L	1.03	1.29	1.16	0.732	0.686	1.13	1.02	1.11	<0.01
Manganese - Total	mg/L	0.926	0.923	1.26	0.841	0.742	1.00	0.967	1.17	0.896
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phenolics (wet chem) *	mg/L	0.015	<0.005	0.032	0.074	0.006	<0.005	<0.005	<0.005	0.016
Sulfate (as SO4)	mg/L	28	44	15	17	20	25	30	60	18
Total Dissolved Solids	mg/L	450	460	444	432	424	776	728	620	608
pH		8	7.3	7.3	7.1	7.1	7	6.6	6.7	6.9
Specific Conductance	umhos/cm	932	800	740	600	783	1044	1,097	1123	1067
Turbidity	NTU	10.5	NA	66.5	89.3	44.6	148	17.8	147	38
Temperature	F	50.4	60.1	56.6	48	50	52	49	50	48
Comments		Orange	Orange	Red-brown	Red-brown	NA	NA	Brown	Brown	Brown

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	004	004	004	004	004	004	004	004	004	004
	Date	11/17/05	4/18/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	<0.01	0.011	<0.01	0.039	0.141	0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	0.603	0.06	0.069	2.09	2.52	0.95	<0.5	0.40	0.10	0.18
Boron - Soluble	mg/L	0.208	0.245	0.192	0.161	0.161	0.19	0.175	0.109	0.152	0.146
Boron - Total	mg/L	0.206	0.188	0.152	0.125	0.197	0.17	0.180	0.112	0.165	0.134
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	0.0117	<0.01	<0.01	0.052	0.080	0.044	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.012	<0.01	<0.01
Copper - Total	mg/L	0.0327	<0.01	0.012	0.087	0.170	0.079	0.011	0.015	0.027	<0.01
Iron - Soluble	mg/L	0.174	1.63	0.314	0.432	0.111	0.123	0.100	0.392	<0.01	0.067
Iron - Total	mg/L	94.5	5.9	2.46	238	415	150	1.33	70.3	1.23	34.4
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	0.037	0.013	0.018	<0.01	<0.01	<0.01	0.024	<0.01
Manganese - Soluble	mg/L	0.266	0.131	0.217	0.172	0.591	0.129	0.221	0.094	0.088	0.122
Manganese - Total	mg/L	1.31	0.128	0.12	0.39	4.20	0.656	0.217	0.266	0.091	0.174
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	1.48	0.845	0.97	1.04	0.84	1.03	1.37	0.77	0.75	0.91
Phenolics (wet chem) *	mg/L	<0.005	<0.005	<0.005	0.007	0.043	<0.005	<0.005	<0.005	0.006	0.007
Sulfate (as SO4)	mg/L	50	46	43	42	57	40	26	44	32	60
Total Dissolved Solids	mg/L	470	470	426	520	390	546	546	464	452	380
pH		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	umhos/cm	NA	NA	NA	NA	819	NA	NA	NA	NA	827
Turbidity	NTU	NA	NA	NA	862	342	NA	NA	NA	NA	144
Temperature	F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Comments		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

TABLE 2
SUMMARY OF HISTORICAL SEMI-ANNUAL GROUNDWATER SAMPLING RESULTS

	Sample ID	Underliner	Underliner	Underliner	Underliner	Underliner	Underliner	Underliner	Underliner	Underliner	Underliner
	Date	11/17/05	4/18/06	11/9/06	6/6/07	11/7/07	5/29/08	11/12/08	5/28/09	11/10/09	5/28/10
Compound	Units										
Aluminum - Soluble	mg/L	<0.01	<0.01	0.023	<0.025	0.132	<0.05	<0.05	<0.05	<0.05	<0.05
Aluminum - Total	mg/L	0.89	0.084	0.087	1.18	1.43	0.37	1.04	0.20	0.08	<0.05
Boron - Soluble	mg/L	0.02	0.044	0.039	0.130	<0.02	0.03	0.016	0.024	0.032	0.014
Boron - Total	mg/L	0.036	0.018	0.018	0.035	<0.02	0.020	0.024	0.032	0.034	<0.01
Chromium - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium - Total	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper - Total	mg/L	<0.01	<0.01	<0.01	0.011	0.067	0.012	0.011	<0.01	0.024	0.062
Iron - Soluble	mg/L	0.0225	<0.01	0.088	0.028	<0.01	0.016	0.037	<0.01	<0.01	0.020
Iron - Total	mg/L	3.97	0.237	0.072	5.34	21.2	1.31	7.90	1.60	0.08	1.67
Lead - Soluble	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead - Total	mg/L	<0.01	<0.01	<0.01	0.016	<0.01	0.048	<0.01	<0.01	0.018	<0.01
Manganese - Soluble	mg/L	0.0823	0.027	0.034	0.037	0.417	0.086	0.286	0.06	0.175	0.103
Manganese - Total	mg/L	2.47	0.096	0.083	1.1	1.00	0.475	0.518	0.363	0.225	0.100
Mercury - Soluble	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury - Total	mg/L	<0.0002	<0.0002	<0.0002	<0.00023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Fluoride	mg/L	0.258	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phenolics (wet chem) *	mg/L	<0.005	<0.005	0.019	0.015	0.031	0.020	<0.005	<0.005	0.007	0.015
Sulfate (as SO4)	mg/L	37	84	72	78	32	68	132	96	80	124
Total Dissolved Solids	mg/L	350	462	452	472	292	422	452	438	454	650
pH		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	umhos/cm	NA	NA	NA	NA	632	NA	NA	NA	NA	883
Turbidity	NTU	NA	NA	NA	130	130	NA	NA	NA	NA	0.46
Temperature	F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Comments		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* Applies to the sum of phenolic compounds

< X - less than method quantitaion limit

NA - Not applicable

IsleChem LLC.
2801 Long Road
Grand Island, New York 14072
(716) 773-8614

SEMI-ANNUAL GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION
May 28, 2010

Vesuvius-Monofrax
Falconer, New York

Project I.D. # NY 005162

Monitoring Well I.D.	Evacuation Date	Top of Outer Casing Elevation (Feet)	Monitoring Well Diameter	Water Level (Feet)	Water Elevation (Feet)	Bottom of Well (Feet)	Volume of Standing Water (Gallons)	Volume of Evacuated Water (Gallons)	Recharge Rate
B-10WS	5/28/2010	1252.07	2	6.25	1245.82	16.40	4.87	2.50	S
B-10WD	5/28/2010	1251.46	2	3.75	1247.71	27.90	11.40	7.00	S
B-12W	5/28/2010	1261.07	2	4.10	1256.97	22.50	8.83	7.00	C
B-15W	5/28/2010	1253.46	2	3.25	1250.21	21.24	8.64	5.00	R
B-26R	5/28/2010	1250.85	2	6.43	1244.42	16.70	4.92	4.00	S
B-28WS	5/28/2010	1254.45	2	6.30	1248.35	16.70	4.99	5.00	S
B-28WD	5/28/2010	1254.2	2	6.50	1249.53	24.80	8.79	4.89	S
B-29W	5/28/2010	1256.03	2	2.50	1253.53	15.38	6.18	6.20	C
B-30W	5/28/2010	1254.46	2	2.41	1252.05	11.30	4.27	4.30	C
B-31W	5/28/2010	1255.35	2	2.41	1252.94	11.48	4.34	4.00	R
B-32W	5/28/2010	1260.87	2	*	*	*	*	*	*

*** Samples unable to collected due to shifting of well.**

Abbreviations:

VS = Very Slow ----- Recharge Rate longer than 24 hr period.
S = Slow ---------- Recharge Rate within 24 hr period.
R = Rapid --------- Recharge Rate within 1 hr period.
C = Continuous ---- Recharge Rate immediate.

Technician Date

IsleChem LLC.
2801 Long Road
Grand Island, New York 14072
(716) 773-8614

SEMI-ANNUAL GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION

May 28, 2010

Vesuvius-Monofrax

Falconer, New York

Project I.D. # NY 005162

Monitoring Well I.D.	Sampling Date	Sampling Time	pH (Standard Units)	** Specific Conductance (umhos/cm)	** Turbidity (NTU)	Temp (F)	Comments
B-10WS	5/28/2010	10:45 AM	7.5	645	1.43	54	Clear
B-10WD	5/28/2010	10:55 AM	7.7	435	13.80	57	Clear
B-12W	5/28/2010	11:45 AM	7.5	796	10.1	54	Orange
B-15W	5/28/2010	10:30 AM	7.8	328	12.7	50	Clear
B-26R	5/28/2010	11:20 AM	7.2	1256	105	48	Brown
B-28WS	5/28/2010	11:10 AM	7.1	2,510	19.2	46	Cloudy
B-28WD	5/28/2010	11:05 AM	7.3	668	8.0	46	Dirty
B-29W	5/28/2010	10:20 AM	7.1	974	12.6	54	Clear
B-30W	5/28/2010	10:00 AM	7.7	395	12.2	50	Brown
B-31W	5/28/2010	9:45 AM	7.5	560	13.50	52	Clear
B-32W	5/28/2010	*	*	*	*	*	

*** Samples unable to collected due to shifting of well.**

Blind Duplicate site is B-31W

** Specific Conductance and Turbidity were performed in the lab by the field and Lab technicians.

Technician

6/23/10
Date

IsleChem, LLC Analysis Report

Client:	James Schuetz Parsons Commercial Technology Group, Inc. 40 La Riviere Dr. Suite 350 Buffalo, NY 14202	Project:	**Water Samples for Analysis** O/G Set Quarterly Groundwater Analysis
Report Date:	Thursday, June 17, 2010	Phase:	
Report ID:	**NY005162.0.20839**	Batch:	**Semi-Annual Analysis**
PO# / Release#	/	Contact	James Schuetz
Reference #:			
Sample Date:	**Friday, May 28, 2010**	Authorized Signature:	
Sample Time:	**11:50:00 AM**	☑	Richard V. Finn, Manager of Chemical Testing
Report Status:	**Final**	☐	Martin Ruszaj, Director of Chemical Testing

The following result table is for 13 samples received by IsleChem LLC on 05/28/2010 sampled by Jacob LaLiberty of IsleChem LLC on 05/28/2010.
Also enclosed is the paperwork submitted with the samples.

Narrative:
Analyses were performed within required holding times. All quality control results were within acceptable limits unless specifically noted in the report. Quality control analyses were performed on the samples in this report or samples of similar matrix that were analyzed in the analytical batch on the dates indicated in the report.

Notes:

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-01	B-10WS / Field Grab - Water					
Metals - Parsons, Soluble (8)		185769				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-01	B-10WS / Field Grab - Water					
Metals - Parsons, Soluble (8)		185769				
EPA 200.7 Rev 4.4	Boron, Soluble		**0.266**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.154**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-01	B-10WS / Field Grab - Water					
Metals - Parsons, Total (8)		185768				
EPA 200.7 Rev 4.4	Aluminum, Total		**0.15**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.225**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**0.028**	**mg/L**	RVF	6/11/2010
	Iron, Total		**0.098**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.163**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/3/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**1.43**	**NTU**	JL	5/28/2010
Fluoride, Total		185770				
SM 18-20 4500-F C (97)	Fluoride, Total		**0.250**	**mg/L**	MF	6/11/2010
Phenols		185771				
EPA 420.1 Rev 1978	Phenols		**<0.005**	**mg/L**	MF	6/2/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-01	B-10WS / Field Grab - Water					
Solids, Total Dissolved		185770				
SM 18-20 2540C (97)	Solids, Total Dissolved		**310**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**645**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185770				
ASTM D516-90 & 02	Sulfate (as SO4)		**7.5**	**mg/L**	MF	6/11/2010

end of Lab ID number 114108

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-02	B-10WD / Field Grab - Water					
Metals - Parsons, Soluble (8)		185773				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.25**	**mg/L**	RVF	6/8/2010
	Boron, Soluble		**0.300**	**mg/L**	RVF	6/8/2010
	Chromium, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Copper, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Iron, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Lead, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Manganese, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-02	B-10WD / Field Grab - Water					
Metals - Parsons, Total (8)		185772				
EPA 200.7 Rev 4.4	Aluminum, Total		**0.27**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.284**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**0.010**	**mg/L**	RVF	6/11/2010
	Iron, Total		**0.636**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.035**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/3/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**13.8**	**NTU**	JL	5/28/2010
Fluoride, Total		185774				
SM 18-20 4500-F C (97)	Fluoride, Total		**0.29**	**mg/L**	MF	6/11/2010
Phenols		185775				
EPA 420.1 Rev 1978	Phenols		**<0.005**	**mg/L**	MF	6/2/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-02	B-10WD / Field Grab - Water					
Solids, Total Dissolved		185774				
SM 18-20 2540C (97)	Solids, Total Dissolved		**198**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**435**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185774				
ASTM D516-90 & 02	Sulfate (as SO4)		**5.4**	**mg/L**	MF	6/11/2010

end of Lab ID number 114109

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-03	B-12W / Field Grab - Water					
Metals - Parsons, Soluble (8)		185777				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.239**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.401**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-03	B-12W / Field Grab - Water					
Metals - Parsons, Total (8)		185776				
EPA 200.7 Rev 4.4	Aluminum, Total		**<0.05**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.032**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**2.07**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.398**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/3/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**10.1**	**NTU**	JL	5/28/2010
Fluoride, Total		185778				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185779				
EPA 420.1 Rev 1978	Phenols		**0.011**	**mg/L**	MF	6/2/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-03	B-12W / Field Grab - Water					
Solids, Total Dissolved		185778				
SM 18-20 2540C (97)	Solids, Total Dissolved		**452**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**796**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185778				
ASTM D516-90 & 02	Sulfate (as SO4)		**42**	**mg/L**	MF	6/11/2010

end of Lab ID number 114110

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-04	B-15W / Field Grab - Water					
Metals - Parsons, Soluble (8)		185781				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.063**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.086**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.073**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-04	B-15W / Field Grab - Water					
Metals - Parsons, Total (8)		185780				
EPA 200.7 Rev 4.4	Aluminum, Total		**0.096**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.086**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**0.016**	**mg/L**	RVF	6/11/2010
	Iron, Total		**2.23**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.131**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/3/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**12.7**	**NTU**	JL	5/28/2010
Fluoride, Total		185782				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185783				
EPA 420.1 Rev 1978	Phenols		**0.029**	**mg/L**	MF	6/2/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-04	B-15W / Field Grab - Water					
Solids, Total Dissolved		185782				
SM 18-20 2540C (97)	Solids, Total Dissolved		**152**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**328**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185782				
ASTM D516-90 & 02	Sulfate (as SO4)		**6.0**	**mg/L**	MF	6/11/2010

end of Lab ID number 114111

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-05	B-26R / Field Grab - Water					
Metals - Parsons, Soluble (8)		185785				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.229**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**1.13**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.672**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-05	B-26R / Field Grab - Water					
Metals - Parsons, Total (8)		185784				
EPA 200.7 Rev 4.4	Aluminum, Total		**3.00**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.205**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**8.32**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.728**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**105**	**NTU**	JL	5/28/2010
Fluoride, Total		185786				
SM 18-20 4500-F C (97)	Fluoride, Total		**0.26**	**mg/L**	MF	6/11/2010
Phenols		185787				
EPA 420.1 Rev 1978	Phenols		**0.017**	**mg/L**	MF	6/2/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-05	B-26R / Field Grab - Water					
Solids, Total Dissolved		185786				
SM 18-20 2540C (97)	Solids, Total Dissolved		**636**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**1256**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185786				
ASTM D516-90 & 02	Sulfate (as SO4)		**5.0**	**mg/L**	MF	6/11/2010

end of Lab ID number 114112

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-06	B-28WS / Field Grab - Water					
Metals - Parsons, Soluble (8)		185789				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.772**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.919**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.132**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-06	B-28WS / Field Grab - Water					
Metals - Parsons, Total (8)		185788				
EPA 200.7 Rev 4.4	Aluminum, Total		**2.63**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.802**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**5.45**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.173**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**19.2**	**NTU**	JL	5/28/2010
Fluoride, Total		185790				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185791				
EPA 420.1 Rev 1978	Phenols		**0.006**	**mg/L**	MF	6/2/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-06	B-28WS / Field Grab - Water					
Solids, Total Dissolved		185790				
SM 18-20 2540C (97)	Solids, Total Dissolved		**776**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**2510**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185790				
ASTM D516-90 & 02	Sulfate (as SO4)		**<5.0**	**mg/L**	MF	6/11/2010

end of Lab ID number 114113

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-07	B-28WD / Field Grab - Water					
Metals - Parsons, Soluble (8)		185793				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.25**	**mg/L**	RVF	6/8/2010
	Boron, Soluble		**0.11**	**mg/L**	RVF	6/8/2010
	Chromium, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Copper, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Iron, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Lead, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Manganese, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-07	B-28WD / Field Grab - Water					
Metals - Parsons, Total (8)		185792				
EPA 200.7 Rev 4.4	Aluminum, Total		**0.07**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.221**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**0.659**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.066**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**7.96**	**NTU**	JL	5/28/2010
Fluoride, Total		185794				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185795				
EPA 420.1 Rev 1978	Phenols		**<0.005**	**mg/L**	MF	6/2/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-07	B-28WD / Field Grab - Water					
Solids, Total Dissolved		185794				
SM 18-20 2540C (97)	Solids, Total Dissolved		**322**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**668**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185794				
ASTM D516-90 & 02	Sulfate (as SO4)		**<5.0**	**mg/L**	MF	6/11/2010

end of Lab ID number 114114

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-08	B-29W / Field Grab - Water					
Metals - Parsons, Soluble (8)		185797				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.030**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.518**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.819**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-08	B-29W / Field Grab - Water					
Metals - Parsons, Total (8)		185796				
EPA 200.7 Rev 4.4	Aluminum, Total		**<0.05**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.022**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**2.21**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**1.06**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**12.6**	**NTU**	JL	5/28/2010
Fluoride, Total		185798				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185799				
EPA 420.1 Rev 1978	Phenols		**0.005**	**mg/L**	MF	6/15/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-08	B-29W / Field Grab - Water					
Solids, Total Dissolved		185798				
SM 18-20 2540C (97)	Solids, Total Dissolved		**622**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**974**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185798				
ASTM D516-90 & 02	Sulfate (as SO4)		**290**	**mg/L**	MF	6/11/2010

end of Lab ID number 114115

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-09	B-30W / Field Grab - Water					
Metals - Parsons, Soluble (8)		185801				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.046**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.422**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.120**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-09	B-30W / Field Grab - Water					
Metals - Parsons, Total (8)		185800				
EPA 200.7 Rev 4.4	Aluminum, Total		**0.05**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.046**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**2.62**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.125**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**12.2**	**NTU**	JL	5/28/2010
Fluoride, Total		185802				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185803				
EPA 420.1 Rev 1978	Phenols		**0.014**	**mg/L**	MF	6/15/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-09	B-30W / Field Grab - Water					
Solids, Total Dissolved		185802				
SM 18-20 2540C (97)	Solids, Total Dissolved		**182**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**395**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185802				
ASTM D516-90 & 02	Sulfate (as SO4)		**26**	**mg/L**	MF	6/11/2010

end of Lab ID number 114116

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-10	B-31W / Field Grab - Water					
Metals - Parsons, Soluble (8)		185805				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Boron, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Chromium, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Copper, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Iron, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Lead, Soluble		**<0.05**	**mg/L**	RVF	6/8/2010
	Manganese, Soluble		**0.175**	**mg/L**	RVF	6/8/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-10	B-31W / Field Grab - Water					
Metals - Parsons, Total (8)		185804				
EPA 200.7 Rev 4.4	Aluminum, Total		**0.23**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.021**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**1.20**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.223**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**13.5**	**NTU**	JL	5/28/2010
Fluoride, Total		185806				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185807				
EPA 420.1 Rev 1978	Phenols		**0.006**	**mg/L**	MF	6/15/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-10	B-31W / Field Grab - Water					
Solids, Total Dissolved		185806				
SM 18-20 2540C (97)	Solids, Total Dissolved		**314**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**560**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185806				
ASTM D516-90 & 02	Sulfate (as SO4)		**44**	**mg/L**	MF	6/11/2010

end of Lab ID number 114117

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-11	Blind Duplicate / Field Grab - Water					
Metals - Parsons, Soluble (8)		185809				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.020**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.250**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.381**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-11	Blind Duplicate / Field Grab - Water					
Metals - Parsons, Total (8)		185808				
EPA 200.7 Rev 4.4	Aluminum, Total		**<0.05**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.018**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**2.12**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.362**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**12.2**	**NTU**	JL	5/28/2010
Fluoride, Total		185810				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185811				
EPA 420.1 Rev 1978	Phenols		**0.005**	**mg/L**	MF	6/15/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-11	Blind Duplicate / Field Grab - Water					
Solids, Total Dissolved		185810				
SM 18-20 2540C (97)	Solids, Total Dissolved		**484**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**796**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185810				
ASTM D516-90 & 02	Sulfate (as SO4)		**44**	**mg/L**	MF	6/11/2010

end of Lab ID number 114118

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-12	Site 004 / Field Grab - Water					
Metals - Parsons, Soluble (8)		185813				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.146**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.067**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.122**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-12	Site 004 / Field Grab - Water					
Metals - Parsons, Total (8)		185812				
EPA 200.7 Rev 4.4	Aluminum, Total		**0.18**	**mg/L**	RVF	6/11/2010
	Boron, Total		**0.134**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Iron, Total		**34.4**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.174**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**144**	**NTU**	JL	5/28/2010
Fluoride, Total		185814				
SM 18-20 4500-F C (97)	Fluoride, Total		**0.91**	**mg/L**	MF	6/11/2010
Phenols		185815				
EPA 420.1 Rev 1978	Phenols		**0.007**	**mg/L**	MF	6/15/2010

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0528-12	Site 004 / Field Grab - Water					
Solids, Total Dissolved		185814				
SM 18-20 2540C (97)	Solids, Total Dissolved		**380**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**827**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185814				
ASTM D516-90 & 02	Sulfate (as SO4)		**60**	**mg/L**	MF	6/11/2010

end of Lab ID number 114119

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-13	Underliner / Field Grab - Water					
Metals - Parsons, Soluble (8)		185817				
EPA 200.7 Rev 4.4	Aluminum, Soluble		**<0.05**	**mg/L**	RVF	6/4/2010
	Boron, Soluble		**0.014**	**mg/L**	RVF	6/4/2010
	Chromium, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Copper, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Iron, Soluble		**0.020**	**mg/L**	RVF	6/4/2010
	Lead, Soluble		**<0.01**	**mg/L**	RVF	6/4/2010
	Manganese, Soluble		**0.103**	**mg/L**	RVF	6/4/2010
EPA 245.1 Rev 3.0	Mercury, Soluble		**<0.0002**	**mg/L**	MF	6/17/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-13	Underliner / Field Grab - Water					
Metals - Parsons, Total (8)		185816				
EPA 200.7 Rev 4.4	Aluminum, Total		**<0.05**	**mg/L**	RVF	6/11/2010
	Boron, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Chromium, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Copper, Total		**0.062**	**mg/L**	RVF	6/11/2010
	Iron, Total		**1.67**	**mg/L**	RVF	6/11/2010
	Lead, Total		**<0.01**	**mg/L**	RVF	6/11/2010
	Manganese, Total		**0.100**	**mg/L**	RVF	6/11/2010
EPA 245.1 Rev 3.0	Mercury, Total		**<0.0002**	**mg/L**	MF	6/17/2010
Turbidity						
SM 18-21 2130 B (01)	Turbidity		**0.46**	**NTU**	JL	5/28/2010
Fluoride, Total		185818				
SM 18-20 4500-F C (97)	Fluoride, Total		**<0.2**	**mg/L**	MF	6/11/2010
Phenols		185819				
EPA 420.1 Rev 1978	Phenols		**0.015**	**mg/L**	MF	6/15/2010

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0528-13	Underliner / Field Grab - Water					
Solids, Total Dissolved		185818				
SM 18-20 2540C (97)	Solids, Total Dissolved		**650**	**mg/L**	MF	6/2/2010
Specific Conductance						
EPA 120.1 Rev 1982	Specific Conductance		**883**	**umhos/cm**	RVF	6/11/2010
Sulfate (as SO4)		185818				
ASTM D516-90 & 02	Sulfate (as SO4)		**124**	**mg/L**	MF	6/11/2010

end of Lab ID number 114120

General Disclaimer

•The test results are submitted pursuant to IsleChem LLC's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

•This report is issued for the benefit of and may be relied upon by the client named above. The client bears full responsibility for deciding the level of testing for sample submitted to IsleChem LLC.

•These results pertain only to the items tested.

•This report shall not be reproduced except in full.

•If the sample(s) represented by these test results were not collected by IsleChem LLC then the test results are limited to the reported values determine by the analytical testing process. IsleChem LLC makes no representation regarding the sample's collection technique, condition, volume, homogeneity or any other aspect of the sample(s) prior to IsleChem LLC taking possession of the sample(s) and the influence it may have on the results.

•Unless notified in writing to return the samples covered by this report IsleChem LLC will store what remains of the sample(s), if anything, for a period of 60 days before discarding, unless otherwise required by law. A shipping and handling fee with be charged for the return of any sample(s).

•Certain analytes may not be covered by the NYS DOH or NELAP fields of accreditation. Results for those analytes are generated by the cited method using QA/QC guidelines from IsleChem's Quality Control Manual, where applicable.

The test results in this report meet all NELAP requirements for parameters that are within IsleChem's field of accreditation. Any exceptions to NELAP requirements are noted in the comments field.

Organization Name	Project Name	# of Samples / # of Bottles
Parsons	Semi Annual Ground Water Analysis	4 Samples / 16 Bottles **Page 1 of 4**
Street Address	Client PO / Release #	Turnaround / Date Results Needed
40 La Riviere Dr., Suite 350		
City, State, ZIP	Date Sampled	IsleChem Project #
Buffalo, NY 14202		NY005162
Contact Person: James Schuetz Phone# and Fax#: 541-0757 / 541-0760 fax 523-8293 mobile	QC reporting level requested: Std Full	Are RUSH charges authorized? Yes No

Sample ID	Sample Location	Matrix	Comp	Grab	Total: Al, B, Cr, Cu, Fe, Pb, Mn,Hg	Soluble: Al, B, Cr, Cu, Fe, Pb, Mn,Hg	TDS, Fluoride, Sulfate	Tot Rec Phenol							Bottle Type
185768	B-10WS	Water		x	x										500 ml poly (HNo3)
185769	B-10WS	Water		x		x									500 ml poly (chilled)
185770	B-10WS	Water		x			x								1000 ml poly (chilled)
185771	B-10WS	Water		x				x							500 ml glass (w/H2S04)
185772	B-10WD	Water		x	x										500 ml poly (HNo3)
185773	B-10WD	Water		x		x									500 ml poly (chilled)
185774	B-10WD	Water		x			x								1000 ml poly (chilled)
185775	B-10WD	Water		x				x							500 ml glass (w/H2S04)
185776	B-12W	Water		x	x										500 ml poly (HNo3)
185777	B-12W	Water		x		x									500 ml poly (chilled)
185778	B-12W	Water		x			x								1000 ml poly (chilled)
185779	B-12W	Water		x				x							500 ml glass (w/H2S04)
185780	B-15W	Water		x	x										500 ml poly (HNo3)
185781	B-15W	Water		x		x									500 ml poly (chilled)
185782	B-15W	Water		x			x								1000 ml poly (chilled)
185783	B-15W	Water		x				x							500 ml glass (w/H2S04)
	All Sites Require:pH, Temp, Spec Cond. Turbidity														

Sampled By	Date	Time	Received by	Date	Time	
	05/28	11:50				IsleChem, LLC 2801 Long Road Grand Island, NY 14072 716-773-8401 FAX 716-773-8517
Relinquished by	Date	Time	Received by lab	Date	Time	
	05/28	13:50	Kevin A Kader	5/28/10	150 pm	

by relinquishing these sample to IsleChem, LLC. you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Chain of Custody

Organization Name	Project Name	# of Samples / # of Bottles
Parsons	Semi Annual Ground Water Analysis	4 Samples / 16 Bottles **Page 2 of 4**
Street Address	Client PO / Release #	Turnaround / Date Results Needed
40 La Riviere Dr., Suite 350		
City, State, ZIP	Date Sampled	IsleChem Project #
Buffalo, NY 14202		
Contact Person: James Schuetz	QC reporting level requested: Std Full	Are RUSH charges authorized? Yes No
Phone# and Fax#: 541-0757 / 541-0760 fax 523-8293		

Sample ID	Sample Location	Matrix	Comp	Grab	Total: Al, B, Cr, Cu, Fe, Pb, Mn, Hg	Soluble: Al, B, Cr, Cu, Fe, Pb, Mn, Hg	TDS, Fluoride, Sulfate	Tot Rec Phenol						Bottle Type
185784	B-26R	Water		X	X									500 ml poly (HNo3)
185785	B-26R	Water		X		X								500 ml poly (chilled)
185786	B-26R	Water		X			X							1000 ml poly (chilled)
185787	B-26R	Water		X				X						500 ml glass (w/H2S04)
185788	B-28WS	Water		X	X									500 ml poly (HNo3)
185789	B-28WS	Water		X		X								500 ml poly (chilled)
185790	B-28WS	Water		X			X							1000 ml poly (chilled)
185791	B-28WS	Water		X				X						500 ml glass (w/H2S04)
185792	B-28WD	Water		X	X									500 ml poly (HNo3)
185793	B-28WD	Water		X		X								500 ml poly (chilled)
185794	B-28WD	Water		X			X							1000 ml poly (chilled)
185795	B-28WD	Water		X				X						500 ml glass (w/H2S04)
185796	B-29W	Water		X	X									500 ml poly (HNo3)
185797	B-29W	Water		X		X								500 ml poly (chilled)
185798	B-29W	Water		X			X							1000 ml poly (chilled)
185799	B-29W	Water		X				X						500 ml glass (w/H2S04)
	All Sites Require:pH, Temp, Spec Cond. Turbidity													

Sampled By	Date	Time	Received by	Date	Time	
	5/28	11:50				IsleChem, LLC 2801 Long Road Grand Island, NY 14072 716-773-86401 FAX 716-773-8517
Relinquished by	**Date**	**Time**	**Received by lab**	**Date**	**Time**	
	05/28	13:50		5/28/10	1500	

by relinquishing these sample to IsleChem, LLC. you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Chain of Custody

Organization Name	Project Name	# of Samples / # of Bottles
Parsons	Semi Annual Ground Water Analysis	4 Samples / 16 Bottles **Page 3 of 4**
Street Address	Client PO / Release #	Turnaround / Date Results Needed
40 La Riviere Dr., Suite 350		
City, State, ZIP	Date Sampled	IsleChem Project #
Buffalo, NY 14202		
Contact Person: James Schuetz	QC reporting level requested: Std Full	Are RUSH charges authorized? Yes No
Phone# and Fax#: 541-0757 / 541-0760 fax 523-8293 mobile		

Sample ID	Sample Location	Matrix	Comp	Grab	Total: Al, B, Cr, Cu, Fe, Pb, Mn, Hg	Soluble: Al, B, Cr, Cu, Fe, Pb, Mn, Hg	TDS, Fluoride, Sulfate	Tot Rec Phenol							Bottle Type
185800	B-30W	Water		x	x										500 ml poly (HNo3)
185801	B-30W	Water		x		x									500 ml poly (chilled)
185802	B-30W	Water		x			x								1000 ml poly (chilled)
185803	B-30W	Water		x				x							500 ml glass (w/H2S04)
185804	B-31W	Water		x	x										500 ml poly (HNo3)
185805	B-31W	Water		x		x									500 ml poly (chilled)
185806	B-31W	Water		x			x								1000 ml poly (chilled)
185807	B-31W	Water		x				x							500 ml glass (w/H2S04)
NO SAMPLE	B-32W	Water		x	x										500 ml poly (HNo3)
"	" B-32W	Water		x		x									500 ml poly (chilled)
"	" B-32W	Water		x			x								1000 ml poly (chilled)
"	" B-32W	Water		x				x							500 ml glass (w/H2S04)
185808	Blind Duplicate	Water		x	x										500 ml poly (HNo3)
185809	Blind Duplicate	Water		x		x									500 ml poly (chilled)
185810	Blind Duplicate	Water		x			x								1000 ml poly (chilled)
185811	Blind Duplicate	Water		x				x							500 ml glass (w/H2S04)
	All Sites Require:pH, Temp, Spec Cond. Turbidity														

Sampled By	Date	Time	Received by	Date	Time	
	5/28	11:50				IsleChem, LLC 2801 Long Road Grand Island, NY 14072 716-773-8401 FAX 716-773-8517
Relinquished by	Date	Time	Received by lab	Date	Time	
	5/28	13:50	Kevin A Lader	5/28/10	1350	

by relinquishing these sample to IsleChem, LLC. you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Chain of Custody

Organization Name	Project Name	# of Samples / # of Bottles
Parsons	Semi Annual Ground Water Analysis	2 Samples / 8 Bottles
Street Address	**Client PO / Release #**	**Turnaround / Date Results Needed**
40 La Riviere Dr., Suite 350		Standard **Page 4 of 4**
City, State, ZIP	**Date Sampled**	**IsleChem Project #**
Buffalo, NY 14202		
Contact Person	**QC reporting level requested:** Std Full	Are RUSH charges authorized? Yes No
James Schuetz		
Phone# and Fax#		
541-0757 / 541-0760 fax 523-8293 mobile		

Sample ID	Sample Location	Matrix	Comp	Grab	Total: Al, B, Cr, Cu, Fe, Pb, Mn, Hg	Soluble: Al, B, Cr, Cu, Fe, Pb, Mn, Hg	TDS, Fluoride, Sulfate	Tot Rec Phenol							Bottle Type
185812	Site 004	Water		x	x										500 ml poly (HNo3)
185813	Site 004	Water		x		x									500 ml poly (chilled)
185814	Site 004	Water		x			x								1000 ml poly (chilled)
185815	Site 004	Water		x				x							500 ml glass (w/H2S04)
185816	Underliner	Water		x	x										500 ml poly (HNo3)
185817	Underliner	Water		x		x									500 ml poly (chilled)
185818	Underliner	Water		x			x								1000 ml poly (chilled)
185819	Underliner	Water		x				x							500 ml glass (w/H2S04)
	All Sites Require:														
	pH, Temp, Spec Cond. Turbidity														

Sampled By	Date	Time	Received by	Date	Time	IsleChem, LLC 2801 Long Road Grand Island, NY 14072 716-773-8401 FAX 716-773-8517
	5/28	11:50				
Relinquished by	**Date**	**Time**	**Received by lab**	**Date**	**Time**	
	5/28	13:50	Kevin A. Lader	5/28/10	1:50 PM	

by relinquishing these sample to IsleChem, LLC. you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Chain of Custody

IsleChem, LLC
Grand Island, NY

MONOFRAX GROUNDWATER DATA SUMMARY FOR OIL & GREASE ANALYSIS

WELL #	Apr-06	Jul-06	Nov-06	Mar-07	Jun-07	Jul-07	Nov-07	Mar-08	May-08	Jul-08	Nov-08	Mar-09	May-09	Aug-09	Nov-09
B - 10WS	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B - 10WD	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B - 28WS	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B - 28WD	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

WELL #	Feb-10	May-10
B - 10WS	<5	<5
B - 10WD	<5	<5
B - 28WS	<5	<5
B - 28WD	<5	<5

**All results are reported in ppm (parts per million).

IsleChem, LLC
2801 Long Road
Grand Island, NY 14072
Phone: 716-773-8401
Fax: 716-773-8517

IsleChem, LLC Analysis Report

Client: James Schuetz
Parsons Commercial Technology Group, Inc.

40 La Riviere Dr. Suite 350
Buffalo, NY 14202

Report Date: Wednesday, June 02, 2010
Report ID: **NY005162.0.20831**
PO# / Release# /
Reference #:
Sample Date: **Thursday, May 27, 2010**
Sample Time: **11:15:00 AM**
Report Status: **Final**

Project: **Water Samples for Analysis**
O/G Set
Quarterly Groundwater Analysis

Phase:
Batch: **Quarterly Analysis**
Contact James Schuetz

Authorized Signature:

☑ Richard V. Finn, Manager of Chemical Testing
☐ Martin Ruszaj, Director of Chemical Testing

The following result table is for 4 samples received by IsleChem LLC on 05/27/2010 sampled by Jacob LaLiberty of IsleChem LLC on 05/27/2010. Also enclosed is the paperwork submitted with the samples.

Narrative:
Analyses were performed within required holding times. All quality control results were within acceptable limits unless specifically noted in the report. Quality control analyses were performed on the samples in this report or samples of similar matrix that were analyzed in the analytical batch on the dates indicated in the report.

Notes:

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date
Sample ID	Location / Description					
162-0527-01	10-WS / Field Grab - Water					
Oil & Grease Total Recoverable (HEM)		185732				
EPA 1664A	Oil & Grease Total Recoverable (HEM)		**<5**	**mg/L**	TWS	6/2/2010

end of Lab ID number 114093

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
162-0527-02	10-WD / Field Grab - Water					
Oil & Grease Total Recoverable (HEM)		185733				
EPA 1664A	Oil & Grease Total Recoverable (HEM)		**<5**	**mg/L**	TWS	6/2/2010
end of Lab ID number 114094						
Sample ID	Location / Description					
162-0527-03	28-WS / Field Grab - Water					
Oil & Grease Total Recoverable (HEM)		185734				
EPA 1664A	Oil & Grease Total Recoverable (HEM)		**<5**	**mg/L**	TWS	6/2/2010
end of Lab ID number 114095						
Sample ID	Location / Description					
162-0527-04	28-WD / Field Grab - Water					
Oil & Grease Total Recoverable (HEM)		185735				
EPA 1664A	Oil & Grease Total Recoverable (HEM)		**<5**	**mg/L**	TWS	6/2/2010
end of Lab ID number 114096						

Analyte Group / Method	Analyte	Vessel ID	**Results**	**Units**	Analyst	Date

General Disclaimer

•The test results are submitted pursuant to IsleChem LLC's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

•This report is issued for the benefit of and may be relied upon by the client named above. The client bears full responsibility for deciding the level of testing for sample submitted to IsleChem LLC.

•These results pertain only to the items tested.

•This report shall not be reproduced except in full.

•If the sample(s) represented by these test results were not collected by IsleChem LLC then the test results are limited to the reported values determine by the analytical testing process. IsleChem LLC makes no representation regarding the sample's collection technique, condition, volume, homogeneity or any other aspect of the sample(s) prior to IsleChem LLC taking possession of the sample(s) and the influence it may have on the results.

•Unless notified in writing to return the samples covered by this report IsleChem LLC will store what remains of the sample(s), if anything, for a period of 60 days before discarding, unless otherwise required by law. A shipping and handling fee with be charged for the return of any sample(s).

•Certain analytes may not be covered by the NYS DOH or NELAP fields of accreditation. Results for those analytes are generated by the cited method using QA/QC guidelines from IsleChem's Quality Control Manual, where applicable.

The test results in this report meet all NELAP requirements for parameters that are within IsleChem's field of accreditation. Any exceptions to NELAP requirements are noted in the comments field.

Organization Name	Project Name	# of Samples / # of Bottles
Parsons	Quarterly Groundwater Analysis - O/G Set	4 Bottles
Street Address	**Client PO / Release #**	**Turnaround / Date Results Needed**
40 La Riviere Dr., Suite 350		
City, State, ZIP	**Date Sampled**	**IsleChem Project #**
Buffalo, NY 14202		NY005162.20831
Contact Person	QC reporting level requested: Std Full	Are RUSH charges authorized? Yes No
James Schuetz		
Phone# and Fax#		
541-0757 / 541-0760 fax 523-8293 mobile		

Sample ID	Sample Location	Matrix	Comp	Grab	Oil & Grease										Bottle Type
185732	10 - WS			X	X										1000ml glass (HCL)
185733	10 - WD			X	X										1000ml glass (HCL)
185734	28 - WS			X	X										1000ml glass (HCL)
185735	28 - WD			X	X										1000ml glass (HCL)

SITE	pH	TEMP
10 WS	7.74	10°C
10 WD	7.78	10°C
28 WS	7.22	8°C
28 WD	7.35	9°C

Sampled By	Date	Time	Received by	Date	Time
	05/27	11:15			
Relinquished by	**Date**	**Time**	**Received by lab**	**Date**	**Time**
			Kevin Haider	5/27/10	3:30 pm

IsleChem, LLC
2801 Long Road
Grand Island, NY 14072
716-773-8401
FAX 716-773-8517

by relinquishing these sample to IsleChem, LLC. you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Chain of Custody