APPENDIX E

APPENDIX E

GROUNDWATER SAMPLING LOGS

B-16 / MW-16 MONITORING WELL SAMPLING FORM
LOW FLOW FIELD MEASUREMENTS

Project: Atlas Park
Initial Water Level (ft): 56.45
Desired Purge Rate (L/min): 0.1 - 0.4

Site Location: Glendale, NY
Pump Intake Depth (ft): ~ 5' from bottom
Desired Compressor Pressure (psi): N/A

Date: 8/23/2004
Well No: B16 / MW16
Purge Volume (gal):

TIME	pH *	TEMP. °C	COND.* ms/cm	Dis. O2 * mg/L	ORP mV	Turbidity NTUs	DTW ft	PURGE RATE L/min	NOTES
12:10	6.87	19.63	1.19	3.63	133	72.9	56.44	0.4	
12:15	6.88	20.95	1.20	3.32	123	43.2	56.45	0.4	
12:20	6.88	20.76	1.18	3.36	116	132	56.44	0.4	
12:25	6.88	19.94	1.15	3.27	112	36.6	56.43	0.4	
12:30	6.89	21.26	1.16	3.13	108	34.5	56.44	0.4	
12:35	6.90	22.10	1.19	3.25	106	32.7	56.44	0.4	
Stabilization	+/- 0.1 for pH		+/- 3%	+/- 10%	+/- 10 mV	+/- 10%			

*=Stabilization is achieved after all parameters have stabilized for three successive readings.

B-20 / MW-20 MONITORING WELL SAMPLING FORM
LOW FLOW FIELD MEASUREMENTS

Project: Atlas Park
Initial Water Level (ft): 55.4
Desired Purge Rate (L/min): 0.1 - 0.4

Site Location: Glendale, NY
Pump Intake Depth (ft): ~ 5' from bottom
Desired Compressor Pressure (psi): N/A

Date: 8/23/2004
Well No: B20 / MW20
Purge Volume (gal):

TIME	pH *	TEMP. °C	COND.* ms/cm	Dis. O2 * mg/L	ORP mV	Turbidity NTUs	DTW ft	PURGE RATE L/min	NOTES
14:35	6.36	19.51	0.515	5.05	117	44.6	55.40	0.4	
14:40	6.36	20.88	0.522	4.95	103	75.2	55.39	0.4	
14:45	6.35	20.61	0.494	5.03	117	36.3	55.40	0.4	
14:50	6.35	20.07	0.492	4.92	125	24.1	55.40	0.4	
14:55	6.34	20.04	0.491	4.86	129	19	55.40	0.4	
15:00	6.33	20.13	0.492	4.82	134	15	55.40	0.4	
15:05	6.33	20.22	0.495	4.80	134	14.1	55.40	0.4	
15:10	6.33	20.16	0.493	4.80	134	13.8	55.40	0.4	
Stabilization	+/- 0.1 for pH		+/- 3%	+/- 10%	+/- 10 mV	+/- 10%			

*=Stabilization is achieved after all parameters have stabilized for three successive readings.

B-38 / MW-38 MONITORING WELL SAMPLING FORM
LOW FLOW FIELD MEASUREMENTS

Project: Atlas Park
Initial Water Level (ft): 58.61
Desired Purge Rate (L/min): 0.1 - 0.4

Site Location: Glendale, NY
Pump Intake Depth (ft): ~ 5' from bottom
Desired Compressor Pressure (psi): N/A

Date: 8/20/2004
Well No: B38 / MW38
Purge Volume (gal):

TIME	pH *	TEMP. °C	COND.* ms/cm	Dis. O2 * mg/L	ORP mV	Turbidity NTUs	DTW ft	PURGE RATE L/min	NOTES
15:00	7.24	19.26	1.31	4.48	109	324	58.60	1	
15:05	7.26	19.06	4.53	4.33	106	335	58.61	0.4	
15:10	7.27	18.95	4.37	4.30	105	324	58.61	0.4	
15:15	7.27	19.20	4.31	4.27	105	323	58.61	0.5	
Stabilization	+/- 0.1 for pH		+/- 3%	+/- 10%	+/- 10 mV	+/- 10%			

*=Stabilization is achieved after all parameters have stabilized for three successive readings.

B-57 / MW-57 MONITORING WELL SAMPLING FORM
LOW FLOW FIELD MEASUREMENTS

Project: Atlas Park
Initial Water Level (ft): 69.43
Desired Purge Rate (L/min): 0.1 - 0.4

Site Location: Glendale, NY
Pump Intake Depth (ft): ~ 5' from bottom
Desired Compressor Pressure (psi): N/A

Date: 8/24/2004
Well No: B57 / MW57
Purge Volume (gal):

TIME	pH *	TEMP. °C	COND.* ms/cm	Dis. O2 * mg/L	ORP mV	Turbidity NTUs	DTW ft	PURGE RATE L/min	NOTES
16:35	6.48	16.28	0.796	8.26	202	87.2	69.44	0.4	
16:40	6.58	16.60	0.792	5.19	190	65.8	69.44	0.4	
16:45	6.63	16.65	0.789	4.06	178	47.7	69.44	0.4	
16:50	6.64	16.55	0.785	4.03	168	16.2	69.44	0.4	
16:55	6.64	16.54	0.785	4.04	164	16.9	69.44	0.4	
17:00	6.64	16.54	0.785	4.03	164	16	69.44	0.4	
Stabilization	+/- 0.1 for pH		+/- 3%	+/- 10%	+/- 10 mV	+/- 10%			

*=Stabilization is achieved after all parameters have stabilized for three successive readings.

B-58 / MW-58 MONITORING WELL SAMPLING FORM
LOW FLOW FIELD MEASUREMENTS

Project: Atlas Park
Initial Water Level (ft): 75.44
Desired Purge Rate (L/min): 0.1 - 0.4

Site Location: Glendale, NY
Pump Intake Depth (ft): ~ 5' from bottom
Desired Compressor Pressure (psi): N/A

Date: 8/24/2004
Well No: B58 / MW58
Purge Volume (gal):

TIME	pH *	TEMP. °C	COND.* ms/cm	Dis. O2 * mg/L	ORP mV	Turbidity NTUs	DTW ft	PURGE RATE L/min	NOTES
10:45	6.72	17.77	0.930	6.81	89	254	75.44	0.4	
10:50	6.69	18.27	0.942	6.04	93	248	75.44	0.4	
10:55	6.69	19.67	0.938	5.52	82	157	75.44	0.4	
11:00	6.69	20.19	0.952	5.62	78	125	75.44	0.4	
11:05	6.68	20.97	0.947	5.50	74	93.6	75.44	0.4	
11:10	6.68	21.56	0.947	5.38	75	93.6	75.44	0.4	
11:15	6.68	22.06	0.944	5.22	75	89.9	75.44	0.4	
11:20	6.68	22.13	0.944	5.21	75	81.2	75.44	0.4	
11:25	6.68	22.05	0.952	5.23	75	85.6	75.44	0.4	
11:30	6.68	22.07	0.952	5.22	75	81.3	75.44	0.4	
11:35	6.68	22.03	0.957	5.22	75	81.3	75.44	0.4	
11:40	6.67	22.04	1.110	5.52	75	85.6	75.44	0.4	
11:45	6.67	22.03	1.100	5.52	75	84.3	75.44	0.4	
Stabilization	+/- 0.1 for pH		+/- 3%	+/- 10%	+/- 10 mV	+/- 10%			

*=Stabilization is achieved after all parameters have stabilized for three successive readings.