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O'BRIEN & GERE
ENGINEERS, INC.

BPS MSH BFK

August 20, 2003

R. Hugh Stephens, Esq.
Stephens & Stephens, LLP
410 Main Street
Buffalo, New York 14202-3702

Re: Ground Water and Surface Water
Semiannual Monitoring Report
Cherry Farm/River Road Site
Tonawanda, NY

File: 11184/32179 #5

Dear Mr. Stephens:

The following is a summary of the semiannual ground water and surface water monitoring event performed at the Cherry Farm/River Road Site in Tonawanda, NY. The monitoring event was conducted by O'Brien & Gere during June 2003 in accordance with the Scope of Work for Post-Remedial Construction Ground Water and Surface Water Monitoring (SOW) developed by Parsons Engineering Science dated September 1997.

WATER LEVEL MONITORING
Ground water levels were measured on June 23, 2003 at each of the following locations:

- Seven ground water monitoring wells - MW-1 through MW-7
- Nine piezometers - OW-1 through OW-9
- Eleven recovery wells - RW-1 through RW-11
- Four sumps - S-1 through S-4
- One surface water gauge

Measurements were recorded to the nearest 0.01 ft from the top of each well casing using an electric water level indicator. Water level measurements are presented in Table 1.

GROUND WATER QUALITY MONITORING
Ground water monitoring wells and ground water collection trench sumps were sampled between June 23 and June 25, 2003. Samples were collected from the following locations:

Upgradient Wells	Downgradient Wells	Sumps
MW-1 (Cherry Farm)	MW-3 (North of RW-1)	S-1
MW-2 (River Road)	MW-4 (Between RW-2 & RW-3)	S-2
	MW-5 (Between RW-4 & RW-5)	S-3
	MW-6 (Between RW-8 & RW-9)	S-4
	MW-7 (Between RW-10 & RW-11)	

Monitoring wells and sumps were sampled in accordance with procedures in the SOW. Ground water sampling logs are included as Attachment 1. Purge water was contained and conveyed to the on-site

treatment plant. Ground water sampling equipment, including water level meters, bailers, pH meters, temperature meters, and conductivity meters, was decontaminated prior to using the equipment and between sampling points in accordance with the SOW. Decontamination fluids were contained and directed to the on-site treatment plant.

Ground water samples were shipped to O'Brien & Gere Laboratories, Inc. in Syracuse, NY using chain-of-custody procedures. Samples were analyzed in accordance with NYSDEC Analytical Services Protocol (ASP) for target compound list (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and target analyte list (TAL) inorganics including cyanide. Quality assurance/quality control (QA/QC) samples included a matrix spike/matrix spike duplicate (MS/MSD), a field (blind) duplicate, and trip blanks. Chain-of-custody forms are included in Attachment 1.

GROUND WATER ANALYTICAL RESULTS

Ground water analytical data for the June 2003 semiannual monitoring event are presented on tables included in Attachment 2. A summary of the detected compounds is presented in Table 2. Concentrations of detected constituents were compared to New York State Class GA Water Quality Guidance Values/Standards. Those compounds that exceed guidance values/standards are flagged with a "Y".

Inorganic

Concentrations of inorganic constituents that exceed guidance values/standards are summarized below.

Location	Inorganic Constituent
MW-1	Arsenic, Iron, Magnesium, and Sodium
MW-2	Arsenic, Chromium, Iron, Lead, Magnesium, and Manganese
MW-3	Iron, Manganese, and Sodium
MW-4	Iron, Manganese, and Sodium
MW-5	Iron, Magnesium, and Sodium
MW-6	Iron, Magnesium, Manganese, and Sodium
MW-7	Iron and Sodium
S-1	Antimony, Arsenic, Iron, Lead, Manganese, and Sodium
S-2	Iron and Sodium
S-3	Sodium
S-4	Iron, Manganese, and Sodium

Volatile organic compounds

Concentrations of VOC constituents in well MW-5 exceeded guidance values/standards as summarized below. No VOCs were detected above guidance values/standards at the remaining wells.

Location	Volatile Organic Constituent
MW-5	Benzene and Xylene

Semivolatile organic compounds

As noted in Table 2, SVOC constituents were detected at concentrations that exceed guidance values/standards at monitoring well MW- 5, and sumps S-1, S-2, S-3, and S-4.

SVOCs detected above guidance values/standards at MW-5 included 2-methylphenol and 4-methylphenol. At sumps S-1 and S-3, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, pyrene, and bis(2-Ethylhexylphthalate were detected at concentrations that exceeded guidance values/standards. At sump S-2, 2-methylphenol and 4-methylphenol were detected at concentrations that exceeded guidance values/standards. At sump S4, 2-methylphenol was detected at a concentration exceeding guidance values/standards.

Pesticide/PCBs

Pesticides/PCBs were detected at concentrations that exceeded guidance values/standards at sumps S-1 and S-3. Compounds included 4,4'-DDD, 4,4'-DDE, Aroclor 1248, Aroclor 1260, heptachlor, heptachlor epoxide, and alpha-Chlordane. No pesticides or PCBs were detected above guidance values/standards at the remaining sumps or monitoring wells.

SURFACE WATER QUALITY MONITORING

Surface water sample locations SW-1, SW-2, and SW-3 were dry during the June 2002 sampling period; therefore no samples were collected.

LABORATORY QA/QC

The QA/QC information provided by the laboratory indicates that sample holding times, surrogate recoveries, and MS/MSDs were within acceptable ranges with minor exceptions. The laboratory QA/QC narrative summary is included in Attachment 3.

SCHEDULE

Ground water elevation monitoring events are scheduled to occur on a monthly basis through October 2003 in accordance with our current Purchase Order. The next round of ground water sampling should tentatively be scheduled for December 2003.

Should you have any questions regarding this report, please contact David Carnevale or me at 315-437-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

James R. Heckathorne, P.E.
Vice President

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Attachments

cc: Mark Raybuck P.G. (Parsons Engineering Science)
Brian Sidowski (NYSDEC-Buffalo)

Table 1
Ground Water Elevations
Cherry Farm /River Road Site
Tonawanda, NY

Well	TOC Elevation	DTW	11/21/97 Elevation	DTW	12/5/97 Elevation	DTW	12/24/97 Elevation	DTW	1/6/98 Elevation	DTW	2/2/98 Elevation	DTW	2/18/98 Elevation	DTW	4/1/98 Elevation	DTW	4/27/98 Elevation	DTW	5/27/98 Elevation	DTW	6/25/98 Elevation	DTW	7/31/98 Elevation	DTW	8/27/98 Elevation	DTW	9/28/98 Elevation	DTW	10/21/98 Elevation	DTW	11/23/98 Elevation	DTW	12/29/98 Elevation
MW-1	577.68	11.32	566.36	11.48	566.20	11.79	565.89	11.48	566.20	11.62	566.06	11.53	566.15	11.10	566.58	11.34	566.34	11.37	566.31	11.5	566.18	11.58	566.10	11.65	566.03	11.75	565.93	11.95	565.73	12.41	565.27	12.63	565.05
MW-2	576.76	13.13	563.63	12.84	563.92	13.18	563.58	12.8	563.96	12.81	563.95	12.82	563.94	12.36	564.40	12.57	564.19	12.69	564.07	12.69	564.07	12.91	563.85	12.84	563.92	12.96	563.80	13.11	563.65	13.67	563.09	13.95	562.81
MW-3	571.16	5.29	565.87	5.57	565.59	5.87	565.29	5.45	565.71	5.45	565.71	5.48	565.68	5.12	566.04	5.31	565.85	5.5	565.66	5.59	565.57	5.79	565.37	5.9	565.26	5.96	565.20	6.08	565.08	6.46	564.70	7.05	564.11
MW-4	583.83	18.20	565.63	17.96	565.87	18.1	565.73	20.17	563.66	Frozen		18.06	565.77	18.02	565.81	17.90	565.93	18	565.83	17.99	565.84	18.09	565.74	18.18	565.65	18.18	565.65	18.45	565.38	18.87	564.96	19.3	564.53
MW-5	584.14	18.47	565.67	19.11	565.03	19.19	564.95	18.91	565.23	18.82	565.32	19.04	565.10	18.69	565.45	18.78	565.36	18.04	566.10	18.65	565.49	18.73	565.41	18.48	565.66	18.6	565.54	18.92	565.22	9.36	574.78	19.74	564.40
MW-6	585.70	20.84	564.86	20.72	564.98	21.03	564.67	20.43	565.27	20.34	565.36	20.8	564.90	20.30	565.40	20.10	565.60	20.38	565.32	20.28	565.42	20.48	565.22	19.93	565.77	20.32	565.38	20.3	565.40	21.14	564.56	21.69	564.01
MW-7	586.40	21.09	565.31	21.00	565.40	21.15	565.25	20.8	565.60	20.57	565.83	20.92	565.48	20.61	565.79	20.63	565.77	20.78	565.62	20.77	565.63	21.05	565.35	20.41	565.99	20.78	565.62	21	565.40	21.7	564.70	22.13	564.27
OW-1	573.83	8.20	565.63	8.48	565.35	8.76	565.07	8.42	565.41	8.38	565.45	8.5	565.33	7.98	565.85	8.08	565.75	8.25	565.58	8.23	565.60	8.41	565.42	8.3	565.53	8.38	565.45	8.69	565.14	9.14	564.69	9.66	564.17
OW-2	584.14	15.45	568.69	15.62	568.52	15.57	568.57	15.77	568.37	15.80	568.34	15.62	568.52	15.88	568.26	15.99	568.15	15.93	568.21	15.81	568.33	16.04	568.10	16	568.14	15.94	568.20	15.94	568.20	15.94	568.20	16	568.14
OW-3	576.25	10.69	565.56	11.00	565.25	11.07	565.18	10.8	565.45	10.58	565.67	10.92	565.33	10.55	565.70	10.63	565.62	10.6	565.65	10.91	565.34	10.55	565.70	10.03	566.22	10.1	566.15	10.42	565.83	10.8	565.45	11.38	564.87
OW-4	572.21	6.67	565.54	6.93	565.28	7.07	565.14	6.76	565.45	6.62	565.59	6.9	565.31	6.45	565.76	6.48	565.73	6.6	565.61	6.8	565.41	6.53	565.68	5.91	566.30	6.16	566.05	6.41	565.80	6.88	565.33	7.47	564.74
OW-5	584.16	16.75	567.41	16.75	567.41	17.06	567.10	17.1	567.06	17.11	567.05	16.92	567.24	17.16	567.00	17.42	566.74	17.33	566.83	17.39	566.77	17.53	566.63	17.06	567.10	16.96	567.20	17.06	567.10	16.95	567.21	17.32	566.84
OW-6	572.12	6.09	566.03	6.30	565.82	6.36	565.76	5.97	566.15	5.70	566.42	6.03	566.09	5.82	566.30	6.01	566.11	6.22	565.90	6.56	565.56	6.25	565.87	4.28	567.84	4.45	567.67	5.03	567.09	5.64	566.48	6.77	565.35
OW-7	574.84	8.96	565.88	8.92	565.92	9.04	565.80	8.51	566.33	8.23	566.61	8.5	566.34	8.30	566.54	8.58	566.26	8.98	565.86	9.26	565.58	8.95	565.89	7.62	567.22	8.4	566.44	7.25	567.59	8.07	566.77	9.62	565.22
OW-8	571.31	5.59	565.72	5.53	565.78	5.6	565.71	5.27	566.04	5.15	566.16	5.31	566.00	5.22	566.09	5.34	565.97	5.71	565.60	5.74	565.57	5.77	565.54	4.69	566.62	3.92	567.39	5.23	566.08	5.36	565.95	6.43	564.88
OW-9	588.32	21.08	567.24	20.62	567.70	20.92	567.40	20.72	567.60	20.36	567.96	20.48	567.84	20.32	568.00	20.56	567.76	21.12	567.20	21.55	566.77	NA	NA	NA	NA	17.43	570.89	18.63	569.69	20.08	568.24	NA	NA
RW-1	581.82	16.13	565.69	22.17	559.65	22.17	559.65	21.18	560.64	16.28	565.54	19.42	562.40	21.51	560.31	21.31	560.51	21.2	560.62	21.53	560.29	21.28	560.54	21.08	560.74	21.85	559.97	25.35	556.47	17.23	564.59	27.15	554.67
RW-2	581.82	15.85	565.97	22.10	559.72	21.37	560.45	21.95	559.87	21.85	559.97	21.32	560.50	21.61	560.21	22.04	559.78	21.93	559.89	21.37	560.45	21.55	560.27	21.53	560.29	21.4	560.42	25.61	556.21	26.01	555.81	25.88	555.94
RW-3	582.30	10.30	572.00	22.63	559.67	22.7	559.60	19.77	562.53	21.96	560.34	22.29	560.01	22.68	559.62	22.10	560.20	22.12	560.18	22.24	560.06	22.65	559.65	21.59	560.71	22.19	560.11	26.55	555.75	26.77	555.53	38.32	543.98
RW-4	581.83	19.06	562.77	27.77	554.06	28.45	553.38	28.46	553.37	21.51	560.32	28.3	553.53	28.47	553.36	21.95	559.88	21.12	560.71	21.95	559.88	21.81	560.02	22.08	559.75	21.52	560.31	24.51	557.32	24.53	557.30	17.29	564.54
RW-5	582.05	16.39	565.66	37.67	544.38	22.44	559.61	22.28	559.77	21.70	560.35	21.47	560.58	33.98	548.07	22.27	559.78	21.51	560.54	18.37	563.68	22.02	560.03	22.28	559.77	21.75	560.30	25.42	556.63	37.62	544.43	25.61	556.44
RW-6	570.76	5.21	565.55	10.05	560.71	10.93	559.83	10.14	560.62	10.90	559.86	10.46	560.30	10.40	560.36	10.19	560.57	10.55	560.21	8.05	562.71	10.42	560.34	10.12	560.64	5.36	565.40	15.2	555.56	14.23	556.53	14.63	556.13
RW-7	570.67	4.91	565.76	10.55	560.12	11.06	559.61	10.47	560.20	10.79	559.88	10.85	559.82	10.40	560.27	10.65	560.02	10.23	560.44	5.26	565.41	10.05	560.62	10.37	560.30	19.8	550.87	14.97	555.70	5.72	564.95	22.12	548.55
RW-8	583.83	22.39	561.44	22.51	561.32	23.09	560.74	18.47	565.36	18.40	565.43	22.26	561.57	22.68	561.15	22.63	561.20	22.6	561.23	18.4	565.43	18.45	565.38	22.23	561.60	22.69	561.14	27.12	556.71	26.7	557.13	26.12	557.71
RW-9	583.86	24.05	559.81	23.36	560.50	23.58	560.28	18.45	565.41	18.37	565.49	23.58	560.28	21.75	562.11	18.12	565.74	18.4	565.46	18.24	565.62	18.5	565.36	17.71	566.15	23.93	559.93	18.31	565.55	27.23	556.63	19.63	564.23
RW-10	583.28	23.47	559.81	23.39	559.89	23.52	559.76	23.5	559.78	22.45	560.83	22.82	560.46	22.98	560.30	23.03	560.25	23.26	560.02	17.55	565.73	23.36	559.92	22.79	560.49	23.35	559.93	23.31	559.97	23.52	559.76	22.65	560.63
RW-11	581.22	20.95	560.27	20.24	560.98	20.09	561.13	20.95	560.27	20.83	560.39	20.09	561.13	20.28	560.94	21.13	560.09	20.58	560.64	17.84	563.38	NA	NA	20.32	560.90	21.07	560.15	20.74	560.48	21.21	560.01	23.12	558.10
S-1		6.97	0.50 *	7.80	0.4 *	8.07	0.125 *	6.4	0.125 *	6.45	0.125 *	7.68	0.125 *	5.84	0.125 *	5.99	0.125 *	6	0.063 *	7.56	0.125 *	7.32	0.125 *	6.86	sheen	5.75	0.125 *	7.7	sheen	7.23	0.125 *	7.95	NR *
S-2		6.20		6.51		6.61		6.28		6.07		6.38		6.01		6.10		6.14		6.4		6.08		5.37		5.59		5.86		6.29		6.92	
S-3		5.96		6.28		6.33		5.88		5.63		6.03		5.75		5.94		6.1		6.47		6.01		4.51		4.8		5.23		5.78		6.7	
S-4		5.65		5.57		5.68		5.1		4.56		4.79		4.92		5.26		5.83		5.79		5.63		5.51		3.02		3.42		4.7		6.61	

Note: NA - Not accessible
* - Product thickness (inches)
NR * - Product present but thickness not recorded

Table 1
Ground Water Elevations
Cherry Farm /River Road Site
Tonawanda, NY

Well	TOC Elevation	1/28/99 DTW	1/28/99 Elevation	2/22/99 DTW	2/22/99 Elevation	3/29/99 DTW	3/29/99 Elevation	4/19/99 DTW	4/19/99 Elevation	5/28/99 DTW	5/28/99 Elevation	6/25/99 DTW	6/25/99 Elevation	7/29/99 DTW	7/29/99 Elevation	8/27/99 DTW	8/27/99 Elevation	9/27/99 DTW	9/27/99 Elevation	10/25/99 DTW	10/25/99 Elevation	11/8/99 DTW	11/8/99 Elevation	12/22/99 DTW	12/22/99 Elevation	1/27/00 DTW	1/27/00 Elevation	2/25/00 DTW	2/25/00 Elevation	3/24/00 DTW	3/24/00 Elevation	4/26/00 DTW	4/26/00 Elevation
MW-1	577.68	12.33	565.35	12.65	565.03	12.32	565.36	12.17	565.51	12.08	565.60	12.48	565.20	12.21	565.47	12.20	565.48	12.41	565.27	12.22	565.46	12.73	564.95	12.55	565.13	11.66	566.02	12.72	564.96	12.76	564.92	12.55	565.13
MW-2	576.76	13.75	563.01	13.89	562.87	13.75	563.01	13.56	563.20	13.43	563.33	13.81	562.95	13.40	563.36	13.45	563.31	13.71	563.05	13.55	563.21	14.22	562.54	13.99	562.77	12.91	563.85	14.20	562.56	14.32	562.44	14.05	562.71
MW-3	571.16	6.46	564.70	6.69	564.47	6.50	564.66	5.97	565.19	6.12	565.04	6.46	564.70	6.25	564.91	6.16	565.00	6.78	564.38	6.12	565.04	6.54	564.62	6.40	564.76	5.51	565.65	6.84	564.32	6.72	564.44	6.75	564.41
MW-4	583.83	19.07	564.76	19.12	564.71	18.84	564.99	18.71	565.12	18.58	565.25	18.92	564.91	18.72	565.11	18.56	565.27	18.72	565.11	18.59	565.24	19.09	564.74	19.27	564.56	19.17	564.66	18.40	565.43	19.34	564.49	19.07	564.76
MW-5	584.14	19.71	564.43	19.79	564.35	19.61	564.53	19.50	564.64	19.27	564.87	19.51	564.63	19.30	564.84	19.24	564.90	19.39	564.75	19.24	564.90	19.96	564.18	19.83	564.31	19.52	564.62	20.07	564.07	20.05	564.09	19.93	564.21
MW-6	585.70	21.65	564.05	21.68	564.02	21.58	564.12	21.37	564.33	21.34	564.36	21.32	564.38	20.90	564.80	21.02	564.68	21.25	564.45	21.24	564.46	21.95	563.75	21.53	564.17	21.10	564.60	22.01	563.69	22.04	563.66	21.52	564.18
MW-7	586.40	21.73	564.67	21.76	564.64	21.74	564.66	21.61	564.79	21.64	564.76	21.78	564.62	21.51	564.89	21.52	564.88	21.73	564.67	21.65	564.75	22.02	564.38	21.79	564.61	21.70	564.70	22.20	564.20	22.11	564.29	21.71	564.69
OW-1	573.83	9.39	564.44	9.56	564.27	9.36	564.47	8.89	564.94	8.91	564.92	9.12	564.71	8.61	565.22	8.78	565.05	9.30	564.53	9.01	564.82	9.58	564.25	9.40	564.43	8.45	565.38	9.72	564.11	9.65	564.18	9.72	564.11
OW-2	584.14	16.21	567.93	16.35	567.79	16.03	568.11	16.43	567.71	16.33	567.81	16.42	567.72	16.23	567.91	16.36	567.78	16.40	567.74	16.57	567.57	16.59	567.55	16.48	567.66	15.81	568.33	16.58	567.56	16.48	567.66	16.63	567.51
OW-3	576.25	11.25	565.00	11.29	564.96	11.27	564.98	11.26	564.99	11.15	565.10	11.48	564.77	11.29	564.96	11.34	564.91	11.35	564.90	11.33	564.92	11.37	564.88	11.33	564.92	11.20	565.05	11.53	564.72	11.34	564.91	11.26	564.99
OW-4	572.21	7.29	564.92	7.34	564.87	7.28	564.93	7.24	564.97	7.13	565.08	7.45	564.76	7.17	565.04	7.26	564.95	7.39	564.82	7.26	564.95	7.45	564.76	7.38	564.83	7.21	565.00	7.44	564.77	7.42	564.79	7.35	564.86
OW-5	584.16	17.8	566.36	18.08	566.08	17.95	566.21	18.17	565.99	18.22	565.94	18.13	566.03	18.18	565.98	18.24	565.92	18.43	565.73	18.45	565.71	18.51	565.65	18.58	565.58	18.47	565.69	18.61	565.55	18.43	565.73	18.28	565.88
OW-6	572.12	6.51	565.61	6.63	565.49	6.67	565.45	6.77	565.35	6.78	565.34	7.06	565.06	6.91	565.21	6.96	565.16	7.04	565.08	6.94	565.18	6.89	565.23	6.88	565.24	6.57	565.55	7.12	565.00	6.89	565.23	6.85	565.27
OW-7	574.84	9.23	565.61	9.42	565.42	9.53	565.31	9.61	565.23	9.49	565.35	9.99	564.85	9.73	565.11	9.81	565.03	9.90	564.94	9.96	564.88	9.93	564.91	9.78	565.06	9.61	565.23	9.78	565.06	10.03	564.81	9.71	565.13
OW-8	571.31	6.16	565.15	6.26	565.05	6.36	564.95	6.32	564.99	6.31	565.00	6.81	564.50	6.40	564.91	6.45	564.86	6.63	564.68	6.76	564.55	6.81	564.50	6.67	564.64	6.33	564.98	6.72	564.59	6.87	564.44	6.49	564.82
OW-9	588.32	NA	NA	NA	NA	NA	NA	21.64	566.68	21.75	566.57	21.94	566.38	22.02	566.30	21.97	566.35	22.11	566.21	21.88	566.44	21.67	566.65	21.72	566.60	21.62	566.70	21.99	566.33	21.78	566.54	21.51	566.81
RW-1	581.82	35.55	546.27	34.91	546.91	30.40	551.42	16.85	564.97	25.80	556.02	17.24	564.58	16.81	565.01	25.90	555.92	26.35	555.47	NA	--	17.48	564.34	17.35	564.47	17.66	564.16	34.67	547.15	17.60	564.22	25.64	556.18
RW-2	581.82	26.32	555.50	25.81	556.01	25.70	556.12	25.40	556.42	25.65	556.17	25.40	556.42	26.40	555.42	25.51	556.31	17.08	564.74	17.10	564.72	25.51	556.31	30.32	545.50	30.30	545.52	25.27	556.55	25.52	556.30	25.91	555.91
RW-3	582.30	26.43	555.87	26.71	555.59	26.51	555.79	26.67	555.63	26.51	555.79	26.52	555.78	36.58	545.72	17.19	565.11	17.35	564.95	27.25	555.05	27.25	555.05	37.21	545.09	37.10	545.20	28.23	554.07	27.87	554.43	23.09	559.21
RW-4	581.83	25.25	556.58	24.91	556.92	25.21	556.62	25.31	556.52	24.66	557.17	17.12	564.71	21.63	560.20	22.82	559.01	22.45	559.38	22.95	558.88	17.52	564.31	22.45	559.38	23.02	558.81	22.43	559.40	22.32	559.51	22.49	559.34
RW-5	582.05	25.68	556.37	37.84	544.21	37.57	544.48	37.68	544.37	26.03	556.02	37.85	544.20	37.71	544.34	26.54	555.51	25.96	556.09	17.31	564.74	35.95	546.10	25.75	556.30	25.31	556.74	26.00	556.05	30.41	551.64	25.65	556.40
RW-6	570.76	6.32	564.44	6.29	564.47	14.50	556.26	15.40	555.36	15.48	555.28	6.27	564.49	15.26	555.50	15.31	555.45	14.94	555.82	15.19	555.57	6.67	564.09	6.49	564.27	6.59	564.17	6.88	563.88	6.84	563.92	15.17	555.59
RW-7	570.67	14.95	555.72	14.9	555.77	14.07	556.60	14.96	555.71	NA	NA	14.83	555.84	14.97	555.70	14.90	555.77	13.38	557.29	24.03	546.64	14.92	555.75	14.96	555.71	14.44	556.23	14.50	556.17	26.89	543.78	14.00	556.67
RW-8	583.83	26.57	557.26	26.11	557.72	26.62	557.21	26.90	556.93	26.27	557.56	19.29	564.54	26.27	557.56	26.31	557.52	19.22	564.61	26.37	557.46	26.90	556.93	26.21	557.62	26.11	557.72	26.33	557.50	26.67	557.16	26.37	557.46
RW-9	583.86	27.65	556.21	27.78	556.08	27.17	556.69	27.55	556.31	NA	NA	19.32	564.54	27.25	556.61	27.30	556.56	19.29	564.57	27.05	556.81	27.32	556.54	19.51	564.35	19.30	564.56	27.68	556.18	27.10	556.76	19.44	564.42
RW-10	583.28	23.11	560.17	23.03	560.25	23.56	559.72	23.45	559.83	23.36	559.92	23.33	559.95	23.07	560.21	23.20	560.08	23.04	560.24	22.85	560.43	22.88	560.40	23.08	560.20	23.20	560.08	23.25	560.03	23.38	559.90	22.83	560.45
RW-11	581.22	22.77	558.45	22.86	558.36	23.23	557.99	22.95	558.27	22.97	558.25	22.77	558.45	23.46	557.76	23.40	557.82	23.27	557.95	22.76	558.46	23.28	557.94	23.22	558.00	23.20	558.02	23.34	557.88	23.25	557.97	22.80	558.42
S-1		7.68	NR *	7.61	0.125 *	7.76	0.125 *	7.71	NR *	7.62	0.25 *	7.59	NR *	7.67	NR *	7.65	0.125 *	7.60	NR *	7.52	NR *	7.80	0.25 *	7.51	NR *	7.02	NR *	7.85	NR *	7.65	NR *	7.71	NR *
S-2		6.77		6.8		6.78		6.77		6.65		7.01		6.78		6.82		6.95		6.72		6.91		6.86		6.51		6.94		6.83		6.78	
S-3		6.41		6.34		6.53		6.61		6.60		6.91		6.73		6.82		6.79		6.71		6.74		6.73		6.59		6.81		6.68		6.68	
S-4		5.97		6.13		6.28		6.32		6.39		6.95		6.37		6.33		6.44		7.05		7.03		7.04		6.86		6.88		7.15		6.72	

Note: * - Product thickness (inches)
NR * - Product present but thickness not recorded

Table 1
Ground Water Elevations
Cherry Farm /River Road Site
Tonawanda, NY

Well	TOC Elevation	5/26/00 DTW	5/26/00 Elevation	6/26/00 DTW	6/26/00 Elevation	7/21/00 DTW	7/21/00 Elevation	8/28/00 DTW	8/28/00 Elevation	9/29/00 DTW	9/29/00 Elevation	11/1/00 DTW	11/1/00 Elevation	11/30/00 DTW	11/30/00 Elevation	12/11/00 DTW	12/11/00 Elevation	1/22/01 DTW	1/22/01 Elevation	2/27/01 DTW	2/27/01 Elevation	3/16/01 DTW	3/16/01 Elevation	4/20/01 DTW	4/20/01 Elevation	5/30/01 DTW	5/30/01 Elevation	6/18/01 DTW	6/18/01 Elevation	8/1/01 DTW	8/1/01 Elevation	8/24/01 DTW	8/24/01 Elevation
MW-1	577.68	12.25	565.43	11.97	565.71	11.86	565.82	12.14	565.54	12.14	565.54	12.67	565.01	12.91	564.77	13.02	564.66	12.96	564.72	12.58	565.10	12.77	564.91	12.30	565.38	12.11	565.57	12.22	565.46	12.63	565.05	12.79	564.89
MW-2	576.76	13.70	563.06	13.43	563.33	13.32	563.44	13.56	563.20	13.57	563.19	14.14	562.62	14.46	562.30	14.63	562.13	14.32	562.44	14.11	562.65	14.45	562.31	13.75	563.01	13.61	563.15	13.69	563.07	13.93	562.83	14.13	562.63
MW-3	571.16	6.29	564.87	5.75	565.41	5.68	565.48	6.04	565.12	6.42	564.74	6.84	564.32	6.72	564.44	7.39	563.77	7.03	564.13	6.90	564.26	6.96	564.20	6.21	564.95	6.02	565.14	6.21	564.95	7.01	564.15	7.03	564.13
MW-4	583.83	15.05	568.78	16.52	567.31	16.23	567.60	17.42	566.41	18.80	565.03	19.35	564.48	13.50	570.33	18.87	564.96	19.69	564.14	19.32	564.51	19.39	564.44	19.00	564.83	18.83	565.00	18.87	564.96	19.22	564.61	19.52	564.31
MW-5	584.14	19.46	564.68	19.07	565.07	18.82	565.32	19.02	565.12	19.85	564.29	19.93	564.21	20.36	563.78	20.35	563.79	20.27	563.87	20.04	564.10	20.12	564.02	19.62	564.52	19.42	564.72	19.37	564.77	19.55	564.59	19.80	564.34
MW-6	585.70	21.35	564.35	21.02	564.68	20.53	565.17	21.14	564.56	21.08	564.62	21.65	564.05	21.95	563.75	22.18	563.52	21.84	563.86	21.76	563.94	22.34	563.36	21.41	564.29	21.25	564.45	21.21	564.49	21.32	564.38	21.47	564.23
MW-7	586.40	21.47	564.93	21.12	565.28	20.78	565.62	21.39	565.01	21.33	565.07	21.95	564.45	22.35	564.05	22.29	564.11	22.11	564.29	21.82	564.58	22.13	564.27	21.60	564.80	21.44	564.96	21.47	564.93	21.76	564.64	21.81	564.59
OW-1	573.83	9.15	564.68	8.68	565.15	8.52	565.31	8.84	564.99	9.14	564.69	9.42	564.41	9.60	564.23	10.13	563.70	9.97	563.86	9.78	564.05	9.75	564.08	9.10	564.73	8.90	564.93	8.99	564.84	9.60	564.23	9.67	564.16
OW-2	584.14	16.72	567.42	16.59	567.55	16.43	567.71	16.48	567.66	16.38	567.76	16.41	567.73	16.72	567.42	16.41	567.73	16.73	567.41	16.63	567.51	9.84	574.30	16.60	567.54	16.59	567.55	16.77	567.37	16.71	567.43	14.67	569.47
OW-3	576.25	11.18	565.07	10.79	565.46	10.75	565.50	10.88	565.37	11.21	565.04	11.65	564.60	11.85	564.40	11.77	564.48	11.83	564.42	11.63	564.62	11.47	564.78	11.42	564.83	11.21	565.04	11.16	565.09	11.07	564.58	11.71	564.54
OW-4	572.21	7.15	565.06	6.73	565.48	6.73	565.48	6.90	565.31	7.27	564.94	7.83	564.38	8.19	564.02	7.83	564.38	7.98	564.23	7.67	564.54	7.60	564.61	7.51	564.70	7.20	565.01	7.15	565.06	7.73	564.48	7.68	564.53
OW-5	584.16	18.21	565.95	17.91	566.25	17.71	566.45	17.70	566.46	17.68	566.48	17.98	566.18	18.27	565.89	18.31	565.85	18.58	565.58	18.48	565.68	18.53	565.63	18.24	565.92	18.25	565.91	18.14	566.02	18.16	566.00	18.24	565.92
OW-6	572.12	6.70	565.42	6.17	565.95	6.19	565.93	6.49	565.63	6.93	565.19	7.37	564.75	7.55	564.57	7.40	564.72	7.41	564.71	7.11	565.01	6.95	565.17	6.95	565.17	6.95	565.17	6.95	565.17	6.95	565.17	6.67	565.45	7.29	564.83	7.26	564.86
OW-7	574.84	9.43	565.41	8.76	566.08	8.88	565.96	9.27	565.57	10.35	564.49	10.72	564.12	10.24	564.60	10.43	564.41	10.28	564.56	9.90	564.94	9.65	565.19	9.73	565.11	9.38	565.46	9.38	565.46	10.12	564.72	10.17	564.67
OW-8	571.31	6.31	565.00	6.04	565.27	6.03	565.28	6.33	564.98	7.01	564.30	7.34	563.97	6.93	564.38	7.14	564.17	6.92	564.39	6.51	564.80	6.54	564.77	6.49	564.82	6.40	564.91	6.45	564.86	6.81	564.50	6.91	564.40
OW-9	588.32	21.48	566.84	21.20	567.12	21.21	567.11	21.65	566.67	21.88	566.44	22.11	566.21	22.22	566.10	22.20	566.12	22.03	566.29	21.70	566.62	21.73	566.59	21.65	566.67	21.67	566.65	21.78	566.54	22.12	566.20	22.17	566.15
RW-1	581.82	25.68	556.14	16.61	565.21	16.57	565.25	NM	---	33.05	548.77	17.38	564.44	16.57	565.25	26.50	555.32	35.65	546.17	34.39	547.43	17.82	564.00	17.05	564.77	16.71	565.11	16.95	564.87	33.22	548.60	27.04	554.78
RW-2	581.82	25.95	555.87	25.46	556.36	16.37	565.45	NM	---	26.05	555.77	25.45	556.37	25.82	556.00	25.61	556.21	26.29	555.53	25.90	555.92	25.94	555.88	26.07	555.75	15.15	566.67	25.45	556.37	25.69	556.13	17.50	564.32
RW-3	582.30	19.83	562.47	19.68	562.62	16.82	565.48	NM	---	38.22	544.08	38.06	544.24	38.47	543.83	37.34	544.96	34.30	548.00	28.45	553.85	21.10	561.20	29.14	553.16	30.56	551.74	30.58	551.72	28.61	553.69	35.13	547.17
RW-4	581.83	21.78	560.05	21.91	559.92	16.46	565.37	NM	---	16.88	564.95	25.85	555.98	26.60	555.23	26.27	555.56	25.45	556.38	25.47	556.36	17.97	563.86	25.40	556.43	25.48	556.35	25.77	556.06	17.26	564.57	26.33	555.50
RW-5	582.05	26.20	555.85	26.47	555.58	16.74	565.31	NM	---	37.06	544.99	37.83	544.22	36.50	545.55	37.41	544.64	37.70	544.35	28.55	553.50	22.27	559.78	21.82	560.23	21.01	561.04	20.51	561.54	20.58	561.47	22.95	559.10
RW-6	570.76	9.76	561.00	5.82	564.94	5.48	565.28	NM	---	15.43	555.33	15.08	555.68	19.48	551.28	22.90	547.86	16.40	554.36	13.14	557.62	11.29	559.47	10.24	560.52	6.08	564.68	6.06	564.70	14.77	555.99	6.40	564.36
RW-7	570.67	14.28	556.39	14.24	556.43	5.37	565.30	NM	---	5.84	564.83	14.30	556.37	14.10	556.57	19.55	551.12	6.70	563.97	6.51	564.16	6.90	563.77	18.35	552.32	14.55	556.12	14.88	555.79	14.43	556.24	6.29	564.38
RW-8	583.83	26.32	557.51	26.63	557.20	18.55	565.28	18.85	564.98	18.95	564.88	26.32	557.51	26.30	557.53	20.18	563.65	26.08	557.75	19.36	564.47	26.09	557.74	18.86	564.97	26.85	556.98	18.46	565.37	19.33	564.50	26.41	557.42
RW-9	583.86	27.58	556.28	27.10	556.76	18.50	565.36	21.55	562.31	18.95	564.91	19.50	564.36	19.91	563.95	20.13	563.73	19.78	564.08	27.15	556.71	27.52	556.34	27.42	556.44	28.01	555.85	27.04	556.82	19.32	564.54	19.45	564.41
RW-10	583.28	22.63	560.65	22.29	560.99	21.67	561.61	22.25	561.03	23.25	560.03	23.04	560.24	22.70	560.58	22.82	560.46	23.33	559.95	22.62	560.66	22.95	560.33	22.76	560.52	22.46	560.82	22.74	560.54	22.64	560.64	18.74	564.54
RW-11	581.22	22.71	558.51	23.36	557.86	23.32	557.90	23.42	557.80	23.09	558.13	22.78	558.44	23.44	557.78	22.85	558.37	23.70	557.52	23.61	557.61	23.68	557.54	23.65	557.57	22.90	558.32	22.76	558.46	23.07	558.15	23.53	557.69
S-1		7.79	NR *	7.85	NR *	7.47	NR *	7.78	NR *	7.61	NR *	7.63	NR *	7.55	NR *	7.62	NR *	7.59	0.125 *	7.95	1*	7.57	0.125 *	7.68	0.063 *	7.65	0.063 *	7.56	0.125*	7.53	0.125*	7.27	0.125*
S-2		6.60		6.17		6.15		6.35		6.79		7.35		7.69		7.31		7.49		7.09		6.96		6.94		6.56		6.55		7.17		7.15	
S-3		6.55		5.99		6.03		6.27		6.85		7.52		7.78		7.41		7.53		7.1		6.9		6.91		6.46		6.47		7.29		7.13	
S-4		6.14		5.61		5.61		5.96		7.81		7.91		7.03		7.33		7.00		6.51		6.32		6.46		6.08		5.88		6.56		6.59	
SWG								0.73		0.65		0.06		DRY		DRY		DRY		DRY		DRY		0.44		0.52		0.62		0.54		0.35	

SWG - Surface water guage

* Note on 8/28/00 - RW-1 through RW-7 were turned off for force main flushing

* - Product thickness (inches)

NR * - Product present but thickness not recorded

Table 1
Ground Water Elevations
Cherry Farm /River Road Site
Tonawanda, NY

Table 1
Ground Water Elevations
Cherry Farm /River Road Site
Tonawanda, NY

	TOC		9/25/01		10/22/01		12/11/01		1/23/02		2/20/02		3/28/02		4/24/02		5/23/02		6/17/02		7/25/02		8/20/02		9/18/02		10/18/02		11/22/02		12/16/02		1/30/03	
Well	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
MW-1	577.68	12.67	565.01	12.67	565.01	12.98	564.70	12.58	565.10	12.48	565.20	12.48	565.20	12.07	565.61	11.87	565.81	11.90	565.78	12.45	565.23	12.28	565.40	12.44	565.24	12.40	565.28	12.80	564.88	12.66	565.02	12.77	564.91
MW-2	578.76	13.90	562.86	14.08	562.68	14.50	562.26	14.11	562.65	13.91	562.85	13.96	562.80	13.48	563.28	13.25	563.51	13.26	563.50	13.80	562.96	13.57	563.19	13.62	563.14	13.65	563.11	14.30	562.46	14.25	562.51	14.50	562.26
MW-3	571.16	7.05	564.11	6.76	564.40	7.31	563.85	7.04	564.12	6.75	564.41	6.89	564.27	6.51	564.65	6.29	564.87	6.21	564.95	6.89	564.27	6.81	564.35	6.95	564.21	6.24	564.92	6.61	564.55	6.55	564.61	7.09	564.07
MW-4	583.83	19.51	564.32	12.27	571.56	14.45	569.38	8.50	575.33	18.02	567.81	18.51	567.32	18.55	565.28	18.64	565.19	18.81	565.02	19.25	564.58	19.02	564.81	19.12	564.71	18.76	565.07	19.05	564.78	19.05	564.78	NA	NA
MW-5	584.14	19.67	564.47	19.77	564.37	20.23	563.91	19.88	564.26	19.67	564.47	19.71	564.43	19.25	564.89	19.04	565.10	19.10	565.04	19.58	564.58	19.31	564.83	19.52	564.62	19.23	564.91	20.01	564.13	20.04	564.10	NA	NA
MW-6	585.70	21.43	564.27	21.65	564.05	21.92	563.78	21.81	563.89	21.64	564.06	21.56	564.14	20.96	564.74	20.87	564.83	20.81	564.89	21.22	564.48	21.02	564.68	21.22	564.48	21.02	564.68	21.81	563.89	21.85	563.85	21.88	563.82
MW-7	586.40	21.89	564.51	21.92	564.48	22.06	564.34	21.74	564.66	21.43	564.97	21.60	564.80	20.90	565.50	20.73	565.67	20.94	565.46	21.55	564.85	21.35	565.05	21.50	564.90	21.45	564.95	22.01	564.39	21.89	564.51	22.00	564.40
OW-1	573.83	9.53	564.30	9.59	564.24	10.10	563.73	9.77	564.06	9.55	564.28	9.67	564.16	9.28	564.55	8.82	565.01	8.93	564.90	7.42	566.41	9.28	564.55	9.31	564.52	8.86	564.97	9.51	564.32	9.55	564.28	9.82	564.01
OW-2	584.14	16.66	567.48	15.11	569.03	15.18	568.96	15.21	568.93	16.29	567.85	16.41	567.73	15.37	568.77	16.17	567.97	16.06	568.08	16.20	567.94	16.30	567.84	16.22	567.92	15.12	569.02	16.09	568.05	16.42	567.72	NA	NA
OW-3	576.25	11.79	564.46	11.45	564.80	11.45	564.80	11.15	565.10	10.84	565.41	10.86	565.39	10.47	565.78	10.37	565.88	10.58	565.67	10.83	565.42	10.87	565.38	11.08	565.17	11.26	564.99	11.25	565.00	11.69	564.56	11.53	564.72
OW-4	572.21	7.72	564.49	7.50	564.71	7.53	564.68	7.21	565.00	6.98	565.23	6.94	565.27	6.61	565.60	6.53	565.68	6.63	565.58	6.94	565.27	6.92	565.29	7.08	565.13	7.24	564.97	7.44	564.77	7.62	564.59	7.72	564.49
OW-5	584.16	18.32	565.84	18.52	565.64	18.65	565.51	18.01	566.15	17.69	566.47	17.70	566.46	17.40	566.76	17.15	567.01	17.30	566.86	17.41	566.75	17.39	566.77	17.57	566.59	17.79	566.37	17.84	566.32	18.00	566.16	NA	NA
OW-6	572.12	7.34	564.78	7.05	565.07	7.01	565.11	6.54	565.58	6.14	565.98	6.22	565.90	5.72	566.40	5.57	566.55	5.88	566.24	6.40	565.72	6.48	565.64	6.73	565.39	6.89	565.23	6.75	565.37	6.73	565.39	6.85	565.27
OW-7	574.84	10.30	564.54	9.87	564.97	9.91	564.93	9.23	565.61	8.71	566.13	8.87	565.97	8.31	566.53	8.07	566.77	8.47	566.37	9.02	565.82	9.21	565.63	9.48	565.36	9.53	565.31	9.82	565.02	9.62	565.22	10.17	564.67
OW-8	571.31	6.98	564.33	6.79	564.52	6.92	564.39	6.46	564.85	6.02	565.29	6.18	565.13	5.77	565.54	5.55	565.76	5.87	565.44	6.40	564.91	6.30	565.01	22.07	549.24	6.64	564.67	6.70	564.61	6.58	564.73	6.95	564.36
OW-9	588.32	22.37	565.95	22.06	566.26	21.90	566.42	21.38	566.94	20.92	567.40	21.27	567.05	20.77	567.55	20.48	567.84	21.07	567.25	21.68	566.64	21.87	566.45	6.58	581.74	22.17	566.15	21.94	566.38	21.75	566.57	21.78	566.54
RW-1	581.82	32.51	549.31	33.12	548.70	35.85	545.97	34.45	547.37	26.78	555.04	34.11	547.71	32.39	549.43	31.25	550.57	26.25	555.57	33.71	548.11	34.30	547.52	34.22	547.60	17.11	564.71	11.85	569.97	8.92	572.90	17.60	564.22
RW-2	581.82	25.31	556.51	25.43	556.39	25.50	556.32	25.57	556.25	25.61	556.21	26.32	555.50	25.47	556.35	26.40	555.42	25.35	556.47	25.99	555.83	26.50	555.32	17.35	564.47	16.90	564.92	6.06	575.76	14.96	566.86	17.40	564.42
RW-3	582.30	32.19	550.11	22.65	559.65	34.11	548.19	31.95	550.35	30.25	552.05	29.02	553.28	26.10	556.20	29.27	553.03	30.10	552.20	31.28	551.02	32.20	550.10	33.89	548.41	17.35	564.95	13.05	569.25	17.39	564.91	17.90	564.40
RW-4	581.83	26.35	555.48	17.48	564.37	26.16	555.67	17.55	564.28	25.94	555.89	17.45	564.38	16.55	565.28	16.75	565.08	25.85	555.98	25.97	555.86	17.04	564.79	26.35	555.48	17.01	564.82	17.41	564.42	17.41	564.42	17.50	564.33
RW-5	582.05	24.00	558.05	24.90	557.15	25.49	556.56	17.75	564.30	17.48	564.57	23.81	558.24	23.55	558.50	22.15	559.90	22.53	559.52	27.20	554.85	27.61	554.44	35.15	546.90	17.29	564.76	16.15	565.90	17.67	564.38	17.80	564.25
RW-6	570.76	14.30	556.46	14.71	556.05	15.35	555.41	8.29	562.47	7.48	563.28	7.61	563.15	14.80	555.96	14.12	556.64	14.81	555.95	11.07	559.69	14.95	555.81	14.61	556.15	6.11	564.65	6.25	564.51	6.35	564.41	6.50	564.26
RW-7	570.67	14.99	555.68	14.92	555.75	6.75	563.92	14.75	555.92	14.90	555.77	14.50	556.17	14.43	556.24	14.31	556.36	14.95	555.72	14.95	555.72	14.79	555.88	14.78	555.89	5.98	564.69	4.21	566.46	6.41	564.26	6.40	564.27
RW-8	583.83	19.38	564.45	19.55	564.28	26.45	557.38	26.70	557.13	26.07	557.76	27.03	556.80	18.95	564.88	26.76	557.07	19.05	564.78	19.18	564.65	18.99	564.84	19.12	564.71	19.05	564.78	19.52	564.31	19.65	564.18	19.60	564.23
RW-9	583.66	27.23	556.63	27.26	556.60	19.77	564.09	27.15	556.71	27.07	556.79	26.91	556.95	18.81	565.05	27.92	555.94	27.71	556.15	28.10	555.76	28.41	555.45	27.64	556.22	19.01	564.85	19.22	564.64	18.74	565.12	NA	NA
RW-10	583.28	23.33	559.95	23.03	560.25	22.55	560.73	23.05	560.23	22.88	560.40	23.20	560.08	17.89	565.39	17.85	565.43	17.93	565.35	21.35	561.93	18.15	565.13	18.49	564.79	18.46	564.82	18.81	564.47	18.68	564.60	NA	NA
RW-11	581.22	23.36	557.86	23.49	557.73	23.55	557.67	23.22	558.00	23.59	557.63	23.12	558.10	15.38	565.84	22.81	558.41	15.61	565.61	22.51	558.71	23.11	558.11	23.55	557.67	16.37	564.85	16.55	564.67	16.37	564.85	NA	NA
S-1		7.26	0.17*	6.56	0.08*	8.21	0.125*	7.95	1 *	7.90	1 *	7.72	1.5 *	5.82	1*	5.85	1.5*	6.15	1*	6.19	1*	6.15	1*	5.92	1*	5.95	1*	7.95	1.5 *	7.65	1*	7.70	0.5*
S-2		7.23		6.91		6.91		6.57		6.31		6.30		5.89		5.83		6.01		6.33		---		6.60		6.75		6.97		7.10		NA	
S-3		7.27		6.91		6.85		6.4		5.98		6.03		5.54		5.42		5.68		6.11		6.27		6.54		6.69		6.56		6.52	3*	NA	
S-4		6.71		6.45		6.72		6.16		5.39		5.64		5.07		4.72		5.23		5.71		5.98		6.26		6.42		6.04		7.00		7.58	
SWG		0.62		0.3		DRY		DRY		DRY		DRY		0.4		0.65		0.65		0.65		0.65		0.8		0.65		DRY		DRY		Frozen	

SWG - Surface water guage
* Note on 8/28/00 - RW-1 through RW-7 were turned off for force main flushing
* - Product thickness (inches)
NR * - Product present but thickness not recorded
Depth to water not collected at S-2 do to presence of beehive in cover

Table 1
Ground Water Elevations
Cherry Farm /River Road Site
Tonawanda, NY

Well	TOC Elevation	2/28/03 DTW	2/28/03 Elevation	3/11/03 DTW	3/11/03 Elevation	4/15/03 DTW	4/15/03 Elevation	5/28/03 DTW	5/28/03 Elevation	6/23/03 DTW	6/23/03 Elevation	7/18/03 DTW	7/18/03 Elevation
MW-1	577.68	12.63	565.05	12.49	565.19	11.99	565.69	11.91	565.77	11.68	566.00	12.18	565.50
MW-2	576.76	14.51	562.25	14.24	562.52	13.68	563.08	13.59	563.17	13.30	563.46	13.68	563.08
MW-3	571.16	6.96	564.20	6.68	564.48	6.16	565.00	6.08	565.08	5.82	565.34	6.29	564.87
MW-4	583.83	Frozen	NA	Frozen	NA	18.50	565.33	18.38	565.45	18.12	565.71	18.51	565.32
MW-5	584.14	20.15	563.99	19.96	564.18	19.27	564.87	19.17	564.97	18.83	565.31	19.17	564.97
MW-6	585.70	22.04	563.66	21.81	563.89	21.11	564.59	21.02	564.68	20.67	565.03	21.15	564.55
MW-7	586.40	22.09	564.31	21.85	564.55	21.11	565.29	21.27	565.13	20.93	565.47	21.28	565.12
OW-1	573.83	9.83	564.00	9.63	564.20	9.03	564.80	8.74	565.09	8.55	565.28	8.97	564.86
OW-2	584.14	16.15	567.99	16.38	567.76	16.26	567.88	16.20	567.94	16.15	567.99	16.35	567.79
OW-3	576.25	11.83	564.42	11.91	564.34	11.19	565.06	11.10	565.15	11.00	565.25	10.98	565.27
OW-4	572.21	8.10	564.11	7.80	564.41	7.26	564.95	7.22	564.99	7.03	565.18	7.08	565.13
OW-5	584.16	17.98	566.18	18.12	566.04	17.84	566.32	17.64	566.52	17.60	566.56	17.46	566.70
OW-6	572.12	7.07	565.05	6.92	565.20	6.35	565.77	6.56	565.56	6.47	565.65	6.41	565.71
OW-7	574.84	10.42	564.42	9.73	565.11	8.89	565.95	7.39	567.45	9.23	565.61	9.52	565.32
OW-8	571.31	7.20	564.11	6.75	564.56	6.06	565.25	6.36	564.95	6.21	565.10	6.45	564.86
OW-9	588.32	21.88	566.44	21.81	566.51	21.19	567.13	21.59	566.73	21.68	566.64	21.79	566.53
RW-1	581.82	17.53	564.29	17.17	564.65	16.65	565.17	16.69	565.13	16.20	565.62	16.65	565.17
RW-2	581.82	17.31	564.51	17.25	564.57	17.31	564.51	16.67	565.15	16.21	565.61	16.47	565.35
RW-3	582.30	17.86	564.44	17.68	564.62	17.07	565.23	17.18	565.12	16.60	565.70	16.39	565.91
RW-4	581.83	17.54	564.29	17.51	564.32	16.77	565.06	16.56	565.27	16.27	565.56	16.68	565.15
RW-5	582.05	17.82	564.23	17.72	564.33	17.07	564.98	17.03	565.02	16.58	565.47	16.88	565.17
RW-6	570.76	6.67	564.09	6.49	564.27	5.88	564.88	5.77	564.99	5.34	565.42	5.75	565.01
RW-7	570.67	6.52	564.15	6.15	564.52	5.65	565.02	5.77	564.90	5.22	565.45	5.67	565.00
RW-8	583.83	19.78	564.05	18.67	565.16	18.85	564.98	18.81	565.02	18.43	565.40	18.87	564.96
RW-9	583.86	17.77	566.09	19.53	564.33	NA	NA	NA	NA	NA	NA	NA	NA
RW-10	583.28	18.88	564.40	19.68	563.60	17.91	565.37	17.92	565.36	17.65	565.63	18.14	565.14
RW-11	581.22	Frozen	NA	Frozen	NA	15.58	565.64	15.85	565.37	15.43	565.79	15.82	565.40
S-1		7.52	1*	7.12	0.5*	7.52	1*	7.45	1.5*	7.75	0.125*	6.98	1*
S-2		7.54		7.06		6.62		6.64		6.40		6.38	
S-3		6.83	0.5*	6.50	0.5*	6.15	1.5*	6.35	1.5*	6.10	0.125*	6.00	0.5*
S-4		7.82		6.48		5.56		6.35		6.17		7.06	
SWG		Frozen		Frozen		0.2		0.5		0.95		0.45	

O'BRIEN & GERE
ENGINEERS, INC.

Table 2
Cherry Farm
Post Construction
Ground Water Monitoring
Inorganic Detected Compound Summary

Compound (CAS Number)	Sample ID	NYSDEC	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	S-1
	Lab ID	Class GA	A7549	A7550	A7551	A7432	A7431	A7433	A7552	A7429
	Sample Date	GW Standards	06/25/2003	06/25/2003	06/25/2003	06/24/2003	06/24/2003	06/24/2003	06/25/2003	06/24/2003
	SDG ID	ug/L	5741	5741	5741	5716	5716	5716	5741	5716
	Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix		Water	Water	Water	Water	Water	Water	Water	Water
Aluminum (7429-90-5)		NS	4090	29800	558	803	181 B	30.6 B	315	4920
Antimony (7440-36-0)		3	---	---	---	---	---	---	---	3.7 BY
Arsenic (7440-38-2)		25	35.6 Y	50.8 Y	3.1 B	14.8	9.4 B	---	15.8	33.7 Y
Barium (7440-39-3)		1000	731	501	229	96.4 B	169 B	107 B	360	441
Beryllium (7440-41-7)		3	0.1 B	1.4 B	0.1 B	0 B	0 B	---	---	0.2 B
Cadmium (7440-43-9)		5	---	---	---	---	---	---	---	0.3 B
Calcium (7440-70-2)		NS	217000	479000	111000	112000	143000	148000	109000	308000
Chromium (7440-47-8)		50	9.3 B	83.3 Y	14	5.1 B	3.7 B	2.1 B	5.7 B	13
Cobalt (7440-48-4)		NS	---	18.5 B	---	---	---	---	---	2.3 B
Copper (7440-50-8)		200	7.4 B	72.2	6 B	2.3 B	6.7 B	---	0.9 B	66.4
Cyanide (57-12-5)		200	4.4 B	6.1 B	4.9 B	---	11	8.3 B	14	5.5 B
Iron (7439-89-6)		300	14700 Y	59400 Y	15300 Y	5820 Y	25700 Y	27000 Y	22800 Y	36200 Y
Lead (7439-92-1)		25	2.7 B	52.8 Y	---	1.3 B	2.8 B	---	---	33.2 Y
Magnesium (7439-95-4)		35000	57000 Y	143000 Y	30200	31900	35100 Y	35600 Y	13600	16500
Manganese (7439-96-5)		300	210	1570 Y	495 Y	1040 Y	198	1530 Y	282	2370 Y
Mercury (7439-97-6)		0.7	---	---	---	---	---	---	---	---
Nickel (7440-02-0)		100	5.5 B	61.6	5.6 B	3.4 B	---	---	1.7 B	35.7 B
Potassium (7440-09-7)		NS	3080 B	10200	9720	4290 B	12700	14600	10700	24400
Selenium (7782-49-2)		10	---	---	---	3.3 B	---	---	---	---
Sodium (7440-23-5)		20000	40500 Y	17100	54600 Y	65200 Y	70200 Y	35300 Y	26700 Y	108000 Y
Vanadium (7440-62-2)		NS	8 B	59.8	4.4 B	6.7 B	3.7 B	1.2 B	1.4 B	43.4 B
Zinc (7440-66-6)		2000	47.5	235	28.5	23.8	18.3 B	15.4 B	31.6	270

NOTES: — - not detected, B - greater than IDL, less than CRDL, Y - exceeds NYSDEC Class GA Ground Water Quality Standards (effective 3/12/98), NS - no standard.
E - indicates a value estimated or not reported due to the presence of interference.

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File Number: 1163.114

O'BRIEN & GERE
ENGINEERS, INC.

Table 2
Cherry Farm
Post Construction
Ground Water Monitoring
Inorganic Detected Compound Summary

	Sample ID	NYSDEC	S-2	S-3	S-4	X-1(MW-4 Dup)	equipment blank
	Lab ID	Class GA	A7430	A7428	A7427	A7434	A7553
	Sample Date	GW Standards	06/24/2003	06/24/2003	06/23/2003	06/24/2003	06/25/2003
	SDG ID	ug/L	5716	5716	5716	5716	5741
	Units		ug/L	ug/L	ug/L	ug/L	ug/L
Compound (CAS Number)	Matrix		Water	Water	Water	Water	Water
Aluminum (7429-90-5)		NS	266	536	12.8 B	942	24.7 B
Antimony (7440-36-0)		3	2.6 B	2 B	---	---	---
Arsenic (7440-38-2)		25	4.7 B	3.7 B	2.4 B	14.9	---
Barium (7440-39-3)		1000	48.5 B	37.6 B	51.2 B	101 B	---
Beryllium (7440-41-7)		3	---	---	0.1 B	---	---
Cadmium (7440-43-9)		5	---	---	---	2 B	---
Calcium (7440-70-2)		NS	116000	107000	307000	111000	32.9 B
Chromium (7440-47-8)		50	---	---	---	8.2 B	---
Cobalt (7440-48-4)		NS	---	---	---	---	---
Copper (7440-50-8)		200	1.8 B	1.2 B	6.8 B	2.4 B	---
Cyanide (57-12-5)		200	49	40.2	29	---	---
Iron (7439-89-6)		300	438 Y	127	1380 Y	5860 Y	---
Lead (7439-92-1)		25	---	---	---	1.7 B	---
Magnesium (7439-95-4)		35000	175 B	131 B	3520 B	31300	---
Manganese (7439-96-5)		300	27.7	4.5 B	729 Y	1410 Y	0.4 B
Mercury (7439-97-6)		0.7	---	0.06 B	---	---	---
Nickel (7440-02-0)		100	---	---	---	5.8 B	---
Potassium (7440-09-7)		NS	44300	44600	63300	4190 B	---
Selenium (7782-49-2)		10	6.6	6	5 B	3.3 B	---
Sodium (7440-23-5)		20000	64400 Y	64800 Y	46900 Y	55700 Y	---
Vanadium (7440-62-2)		NS	14.6 B	16 B	2.2 B	6.4 B	---
Zinc (7440-66-6)		2000	5 B	17 B	11.8 B	57	9.9 B

NOTES: --- - not detected, B - greater than IDL, less than CRDL, Y - exceeds NYSDEC Class GA Ground Water Quality Standards (effective 3/12/98), NS - no standard.
E - indicates a value estimated or not reported due to the presence of interference.

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DBF File: Q:\1163_HONEYWELL\114_ALLIEDCHERRY\TEMPDATA.DBF
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File Number: 1163.114

O'BRIEN & GERE
ENGINEERS, INC.

Table 2
Cherry Farm
Post Construction
Ground Water Monitoring
Volatile Organic Detected Compound Summary

Compound (CAS Number)	Sample ID	NYSDEC	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	S-1
	Lab ID	Class GA	A7549	A7550	A7551	A7432	A7431	A7433	A7552	A7429
	Sample Date	GW Standards	06/25/2003	06/25/2003	06/25/2003	06/24/2003	06/24/2003	06/24/2003	06/25/2003	06/24/2003
	SDG ID	ug/L	5741	5741	5741	5716	5716	5716	5741	5716
	Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix		Water	Water	Water	Water	Water	Water	Water	Water
1,1-Dichloroethane (75-34-3)		5*	---	---	---	---	---	---	---	---
Acetone (67-64-1)		50	---	---	---	---	3 J	---	---	6 J
Benzene (71-43-2)		1	---	---	---	---	38 Y	---	---	---
Carbon disulfide (75-15-0)		NS	8 J	5 J	3 J	6 J	2 J	1 J	30	---
Ethylbenzene (100-41-4)		5*	---	---	---	---	2 J	---	---	---
Methylene chloride (75-09-2)		5*	---	---	---	---	---	---	0.5 JB	0.5 J
Styrene (100-42-5)		5*	---	---	---	---	0.5 J	---	---	---
Toluene (108-88-3)		5*	---	---	---	---	4 J	---	---	---
Xylene (total) (1330-20-7)		5*	---	---	---	---	7 JY	---	---	---
cis-1,2-Dichloroethene (156-59-2)		5*	---	---	---	---	---	---	---	---

NOTES: — - not detected, J - estimated, B - detected in associated blank, Y - exceeds NYSDEC Class GA Ground Water Quality Standards (effective 3/12/98), NS - no standard.
* - Principal organic contaminant standard as defined in 6 NYCRR 700.1.

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File Number: 1163.114

O'BRIEN & GERE
ENGINEERS, INC.

Table 2
Cherry Farm
Post Construction
Ground Water Monitoring
Volatile Organic Detected Compound Summary

Compound (CAS Number)	Sample ID / Lab ID / Sample Date / SDG ID / Units / Matrix	NYSDEC Class GA GW Standards ug/L	S-2 A7430 06/24/2003 5716 ug/L Water	S-3 A7428 06/24/2003 5716 ug/L Water	S-4 A7427 06/23/2003 5716 ug/L Water	X-1(MW-4 Dup) A7434 06/24/2003 5716 ug/L Water	storage blank A7435 06/25/2003 5716 ug/L Water	trip blank A7436 06/23/2003 5716 ug/L Water	trip blank A7554 06/25/2003 5741 ug/L Water
1,1-Dichloroethane (75-34-3)		5*	1 J	2 J	1 J	---	---	---	---
Acetone (67-64-1)		50	---	---	---	---	---	---	---
Benzene (71-43-2)		1	---	---	---	---	---	---	---
Carbon disulfide (75-15-0)		NS	---	---	---	7 J	---	---	---
Ethylbenzene (100-41-4)		5*	---	---	---	---	---	---	---
Methylene chloride (75-09-2)		5*	---	0.5 J	---	---	0.6 JB	0.5 JB	0.5 JB
Styrene (100-42-5)		5*	---	---	---	---	---	---	---
Toluene (108-88-3)		5*	---	0.7 J	---	---	---	---	---
Xylene (total) (1330-20-7)		5*	1 J	1 J	2 J	---	---	---	---
cis-1,2-Dichloroethene (156-59-2)		5*	---	---	1 J	---	---	---	---

NOTES: — - not detected, J - estimated, B - detected in associated blank, Y - exceeds NYSDEC Class GA Ground Water Quality Standards (effective 3/12/98), NS - no standard.
* - Principal organic contaminant standard as defined in 6 NYCRR 700.1.

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O'BRIEN & GERE ENGINEERS, INC.

Table 2
Cherry Farm
Post Construction
Ground Water Monitoring
Semivolatile Organic Detected Compound Summary

Compound (CAS Number)	Sample ID / Lab ID / Sample Date / SDG ID / Units / Matrix	NYSDEC Class GA GW Standards ug/L	MW-5 A7431 06/24/2003 5716 ug/L Water	S-1 A7429 06/24/2003 5716 ug/L Water	S-2 A7430 06/24/2003 5716 ug/L Water	S-3 A7428 06/24/2003 5716 ug/L Water	S-4 A7427 06/23/2003 5716 ug/L Water
2,4-Dimethylphenol (105-67-9)		50	7 J	---	6 J	---	3 J
2-Methylphenol (95-48-7)		1	1 JY	---	1 JY	---	1 JY
4-Chloro-3-methylphenol (59-50-7)		NS	---	---	---	---	36
4-Methylphenol (106-44-5)		1	2 JY	---	4 JY	---	---
Benzo(a)anthracene (56-55-3)		0.002	---	90 JDY	---	94 JDY	---
Benzo[a]pyrene (50-32-8)		0.002	---	72 JDY	---	79 JDY	---
Benzo(b)fluoranthene (205-99-2)		0.002	---	110 JDY	---	110 JDY	---
Benzo(k)fluoranthene (207-08-9)		0.002	---	58 JDY	---	93 JDY	---
Chrysene (218-01-9)		0.002	---	83 JDY	---	92 JDY	---
Fluoranthene (206-44-0)		50	---	230 JDY	---	210 JDY	---
Naphthalene (91-20-3)		10	5 J	---	---	---	---
Pyrene (129-00-0)		50	---	270 JDY	---	290 JDY	---
Bis(2-ethylhexyl)phthalate (BEHP) (117-81-7)		5	---	100 JDY	---	140 JDY	---

NOTES: --- - not detected, J - estimated, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis, Y - exceeds NYSDEC Class GA Ground Water Quality Standards (effective 3/12/98), NS - no standard.

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File Number: 1163.114

O'BRIEN & GERE
ENGINEERS, INC.

Table 2
Cherry Farm
Post Construction
Ground Water Monitoring
Pesticide/PCB Detected Compound Summary

Compound (CAS Number)	Sample ID / Lab ID / Sample Date / SDG ID / Units / Matrix	NYSDEC Class GA GW Standards ug/L	S-1 DL A7429DL 06/24/2003 5716 ug/L Water	S-2 A7430 06/24/2003 5716 ug/L Water	S-3 A7428 06/24/2003 5716 ug/L Water	S-3 DL A7428DL 06/24/2003 5716 ug/L Water	S-4 A7427 06/23/2003 5716 ug/L Water	X-1(MW-4 Dup) A7434 06/24/2003 5716 ug/L Water
4,4'-DDD (72-54-8)		0.3	9.4 PDY	---	8 PY	15 PDY	---	---
4,4'-DDE (72-55-9)		0.2	1.5 JPDY	---	2.8 PY	5 DY	---	---
4,4'-DDT (50-29-3)		0.2	---	---	---	---	0.0026 JP	---
Aroclor 1248 (12672-29-6)		0.09	91 PDY	---	130 PY	250 DY	---	---
Aroclor 1260 (11096-82-5)		0.09	52 PDY	---	62 PY	120 DY	---	---
Dieldrin (60-57-1)		NS	1.7 JPD	0.0045 JP	2.4 P	4.3 JPD	0.0097 J	---
Endosulfan I (959-98-8)		NS	1.3 JPD	0.015 J	2.2 P	2.7 PD	0.0099 JP	0.0031 JP
Endosulfan II (33213-65-9)		NS	---	---	1.6 P	2.9 JPD	0.0052 JP	---
Endosulfan sulfate (1031-07-8)		NS	---	---	---	---	---	---
Endrin (72-20-8)		NS	---	---	---	---	---	---
Endrin aldehyde (7421-93-4)		5*	0.68 BJD	0.0088 BJP	0.72 BP	1.3 BJPD	0.0081 BJP	0.006 BJP
Endrin ketone (53494-70-5)		5*	0.27 JPD	---	---	---	---	---
Heptachlor (76-44-8)		0.04	0.41 JPDY	---	0.85 PY	1.3 JPDY	0.0057 J	---
Heptachlor epoxide (1024-57-3)		0.03	---	0.0063 JP	0.2 JPY	---	---	---
Methoxychlor (72-43-5)		35	1.9 JPD	---	---	2.6 JPD	---	---
alpha-BHC (319-84-6)		NS	---	0.0032 JP	---	---	0.013 JP	---
alpha-Chlordane (5103-71-9)		0.05	0.11 JPDY	---	0.39 PY	0.58 JPDY	---	---
gamma-Chlordane (5103-74-2)		0.05	---	---	---	---	0.0062 JP	0.0092 JP

NOTES: --- - not detected, J - estimated, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis, B - detected in associated blank, P - greater than 25% difference between results on two GC columns, Y - exceeds NYSDEC Class GA Ground Water Quality Standards, NS - no standard. The Aroclor standards are the standards issued for Total polychlorinated biphenyls (PCBs).

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O'BRIEN & GERE
ENGINEERS, INC.

Table 2
Cherry Farm
Post Construction
Ground Water Monitoring
Pesticide/PCB Detected Compound Summary

Compound (CAS Number)	Sample ID / Lab ID / Sample Date / SDG ID / Units / Matrix	NYSDEC Class GA GW Standards ug/L	MW-1 A7549 06/25/2003 5716 ug/L Water	MW-2 A7550 06/25/2003 5716 ug/L Water	MW-3 A7551 06/25/2003 5716 ug/L Water	MW-4 A7432 06/24/2003 5716 ug/L Water	MW-5 A7431 06/24/2003 5716 ug/L Water	MW-6 A7433 06/24/2003 5716 ug/L Water	MW-7 A7552 06/25/2003 5716 ug/L Water	S-1 A7429 06/24/2003 5716 ug/L Water
4,4'-DDD (72-54-8)		0.3	---	---	---	---	---	---	---	2.3 PY
4,4'-DDE (72-55-9)		0.2	---	---	---	---	---	---	---	1 PY
4,4'-DDT (50-29-3)		0.2	---	---	---	---	---	---	---	---
Aroclor 1248 (12672-29-6)		0.09	---	---	---	---	---	---	---	62 PY
Aroclor 1260 (11096-82-5)		0.09	---	---	---	---	---	---	---	38 PY
Dieldrin (60-57-1)		NS	---	---	---	---	---	---	---	1 P
Endosulfan I (959-98-8)		NS	0.0038 JP	---	0.0045 JP	---	0.0066 JP	---	---	0.84 P
Endosulfan II (33213-65-9)		NS	---	---	---	---	---	---	---	---
Endosulfan sulfate (1031-07-8)		NS	---	---	0.0062 JP	---	---	---	---	---
Endrin (72-20-8)		NS	---	---	0.026 JP	---	---	---	---	---
Endrin aldehyde (7421-93-4)		5*	0.005 BJ	0.0046 BJP	---	---	0.015 BJP	0.0056 BJ	0.004 BJ	0.38 BJP
Endrin ketone (53494-70-5)		5*	0.0037 JP	---	---	0.0033 JP	---	---	---	0.46 JP
Heptachlor (76-44-8)		0.04	---	---	---	---	---	---	---	0.26 PY
Heptachlor epoxide (1024-57-3)		0.03	---	---	0.014 JP	---	---	---	---	---
Methoxychlor (72-43-5)		35	---	---	---	---	---	---	---	1.3 JP
alpha-BHC (319-84-6)		NS	---	---	---	0.0057 JP	---	---	---	0.072 JP
alpha-Chlordane (5103-71-9)		0.05	---	---	---	---	---	---	---	0.096 JPY
gamma-Chlordane (5103-74-2)		0.05	0.015 JP	0.0073 J	0.0054 JP	0.01 J	0.0092 J	---	---	---

NOTES: — - not detected, J - estimated, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis, B - detected in associated blank, P - greater than 25% difference between results on two GC columns, Y - exceeds NYSDEC Class GA Ground Water Quality Standards, NS - no standard. The Aroclor standards are the standards issued for Total polychlorinated biphenyls (PCBs).

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Attachment 1

Field Sampling Logs

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 6/25/02
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: DEC

Weather: 90° F +/-
Well #: MW-7
Evacuation Method: Stainless Steel Bailer
Sampling Method: Stainless Steel Bailer

Well Information:

Depth of Well *	47.42	ft.
Depth to Water *	20.93	ft.
Length of Water Column	26.49	ft.
Volume of Water in Well	4.32	gal.(s)
3X Volume of Water in Well	13.0	gal.(s)

Water Volume /ft. for:
- X 2" Diameter Well = 0.163 X LWC
- 4" Diameter Well = 0.653 X LWC
- 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: _____ gal.(s)
Did well go dry? _____

* Measurements taken from: [X] Well Casing [ ] Protective Casing [ ] (Other, Specify) _____

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard		1413 S Standard	
10.0 Standard			

Water parameters: NOT FUNCTIONING

Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	initial	initial	initial	initial

Water Sample:
Time Collected: 15:20

Physical Appearance at Start		Physical Appearance at Sampling	
Color	clear	Color	Clear
Odor	none	Odor	none
Turbidity (> 100 NTU)	< 100	Turbidity (> 100 NTU)	< 100
Sheen/Free Product	none	Sheen/Free Product	none

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 6/25/03
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: DEC

Weather: 90°F ±
Well #: MW-2
Evacuation Method: Stainless Steel Bailer
Sampling Method: Stainless Steel Bailer

Well Information:

Depth of Well *	44.81	ft.
Depth to Water *	13.30	ft.
Length of Water Column	31.51	ft.
Volume of Water in Well	5.14	gal.(s)
3X Volume of Water in Well	15.4	gal.(s)

Water Volume /ft. for:
- X 2" Diameter Well = 0.163 X LWC
- 4" Diameter Well = 0.653 X LWC
- 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: _____ gal.(s)
Did well go dry? _____

* Measurements taken from: [X] Well Casing [ ] Protective Casing [ ] (Other, Specify) _____

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard		1413 S Standard	
10.0 Standard			

Water parameters: NOT · FRACTIONING

Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	initial	initial	initial	initial

Water Sample:
Time Collected: 1400

Physical Appearance at Start		Physical Appearance at Sampling	
Color	lgt brown	Color	dark brown
Odor	none	Odor	None
Turbidity (> 100 NTU)	>100	Turbidity (> 100 NTU)	>100
Sheen/Free Product	none	Sheen/Free Product	None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Engineers, Inc.

Standard Ground Water Sampling Log

Date 6/25/03
Site Name Cherry Farms
Location Tonawanda, New York
Project No. 32179
Personnel DEC

Weather Sunny 90°F
Well # MW-3
Evacuation Method Stainless Steel Bailer
Sampling Method Stainless Steel Bailer

Well Information:

Depth of Well *	33.27	ft.
Depth to Water *	5.82	ft.
Length of Water Column	27.45	ft.
Volume of Water in Well	4.47	gal.(s)
3X Volume of Water in Well	13.4	gal.(s)

Water Volume /ft. for:
- X 2" Diameter Well = 0.163 X LWC
- ___ 4" Diameter Well = 0.653 X LWC
- ___ 6" Diameter Well = 1.469 X LWC

Volume removed before sampling 13.4 gal.(s)
Did well go dry? NO

* Measurements taken from [X] Well Casing [ ] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings
- 4.0 Standard
- 7.0 Standard
- 10.0 Standard

Conductivity Standard Readings
- 84 S Standard
- 1413 S Standard

Water parameters: - NOT FUNCTIONING -

Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	initial	initial	initial	initial

Water Sample:
Time Collected 12:15

Physical Appearance at Start

Color	Cloudy
Odor	None
Turbidity (> 100 NTU)	7100
Sheen/Free Product	None

Physical Appearance at Sampling

Color	lgt. Brown
Odor	None
Turbidity (> 100 NTU)	7100
Sheen/Free Product	None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly			NaOH	

Notes:

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 6/25/03
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: DEC

Weather: Sunny 90° F +/-
Well #: MW-1
Evacuation Method: Ded. Teflon Bailer
Sampling Method: Ded. Teflon Bailer

Well Information:

Depth of Well *	46.39	ft.
Depth to Water *	11.68	ft.
Length of Water Column	34.71	ft.
Volume of Water in Well	5.66	gal.(s)
3X Volume of Water in Well	17	gal.(s)

Water Volume /ft. for:
- X 2" Diameter Well = 0.163 X LWC
- 4" Diameter Well = 0.653 X LWC
- 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: 17 gal.(s)
Did well go dry? NO

* Measurements taken from: [X] Well Casing [ ] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard		1413 S Standard	
10.0 Standard			

Water parameters: - NOT FUNCTIONING -

Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	initial	initial	initial	initial

Water Sample:
Time Collected: 10:15

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Clear	Color	Clear
Odor	None	Odor	None
Turbidity (> 100 NTU)	< 100	Turbidity (> 100 NTU)	< 100
Sheen/Free Product	None	Sheen/Free Product	None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes: MS/MSD Collected - 10:30

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 6/24/03
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: TPrawel

Weather: sunny, 80°+/-
Well #: MW-6
Evacuation Method: Dedicated Teflon Bailer
Sampling Method: Dedicated Teflon Bailer

Well Information:

Depth of Well *	52.72	ft.
Depth to Water *	20.67	ft.
Length of Water Column	32.05	ft.
Volume of Water in Well	5.22	gal.(s)
3X Volume of Water in Well	15.7	gal.(s)

Water Volume /ft. for:
- X 2" Diameter Well = 0.163 X LWC
- 4" Diameter Well = 0.653 X LWC
- 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: 16 gal.(s)
Did well go dry? No

* Measurements taken from: X Well Casing; Protective Casing; (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard	X	1413 S Standard	
10.0 Standard	X		

Water parameters:

	Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	0	66.4	5.79	1047	
	5	65.7	5.77	1193	
	10	65.8	6.12	1150	
	16	64.8	6.08	1130	

Water Sample:
Time Collected: 1530

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Milky White	Color	Clear
Odor	No	Odor	No
Turbidity (> 100 NTU)	>100	Turbidity (> 100 NTU)	<100
Sheen/Free Product	None	Sheen/Free Product	None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	3	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 6/24/03
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: TPrawel

Weather: Sunny 80°+/-
Well #: MW-4
Evacuation Method: Stainless Steel Bailer
Sampling Method: Stainless Steel Bailer

Well Information:

Depth of Well *	52.03	ft.
Depth to Water *	18.12	ft.
Length of Water Column	33.91	ft.
Volume of Water in Well	5.53	gal.(s)
3X Volume of Water in Well	16.6	gal.(s)

Water Volume /ft. for:
- X 2" Diameter Well = 0.163 X LWC
- 4" Diameter Well = 0.653 X LWC
- 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: 16.6 gal.(s)
Did well go dry? No

* Measurements taken from: [X] Well Casing [ ] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard	X	1413 S Standard	
10.0 Standard	X		

Water parameters:

	Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	0	65.0	6.11	805	
	6	62.4	6.48	781	
	12	62.3	6.54	7.4	
	16	102.2	6.59	894	

Water Sample:
Time Collected: 1345

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Clear	Color	clear/Lt BR.
Odor	Slight	Odor	Slight
Turbidity (> 100 NTU)	>100	Turbidity (> 100 NTU)	>100
Sheen/Free Product	None	Sheen/Free Product	None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:
* Collected X-1

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 6/24/03
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: TPrawel

Weather: Sunny 75°+/-
Well #: MW-5
Evacuation Method: Stainless Steel Bailer
Sampling Method: Stainless Steel Bailer

Well Information:

Depth of Well *	51.46	ft.
Depth to Water *	18.83	ft.
Length of Water Column	32.63	ft.
Volume of Water in Well	5.32	gal.(s)
3X Volume of Water in Well	16.0	gal.(s)

Water Volume /ft. for:
- X 2" Diameter Well = 0.163 X LWC
- 4" Diameter Well = 0.653 X LWC
- 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: 16 gal.(s)
Did well go dry? No

* Measurements taken from: [X] Well Casing [ ] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard	X	1413 S Standard	
10.0 Standard	X		

Water parameters:

	Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	0	66.4	5.12	609	
	5	63.7	6.19	1109	
	10	63.3	6.07	1151	
	16	63.4	5.98	1118	

Water Sample:
Time Collected: 11 40

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Clear	Color	Lt Tan
Odor	None	Odor	None
Turbidity (> 100 NTU)	7100	Turbidity (> 100 NTU)	7100
Sheen/Free Product	None	Sheen/Free Product	None

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 6/24/03
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: TPrawel

Weather: Sunny 75°+/-
Well #: S-2
Evacuation Method: Stainless Steel Bailer
Sampling Method: Stainless Steel Bailer

Well Information:

Depth of Well *	N/A	ft.
Depth to Water *	6.40	ft.
Length of Water Column	N/A	ft.
Volume of Water in Well	↓	gal.(s)
3X Volume of Water in Well		gal.(s)

Water Volume /ft. for:
- ___ 2" Diameter Well = 0.163 X LWC
- ___ 4" Diameter Well = 0.653 X LWC
- ___ 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: N/A gal.(s)
Did well go dry?

* Grab Sample

* Measurements taken from: [ ] Well Casing [X] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard	X	1413 S Standard	
10.0 Standard	X		

Water parameters:

	Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	0	69.2	10.59	1095	

Water Sample:
Time Collected: 1015

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Clear	Color	
Odor	None	Odor	
Turbidity (> 100 NTU)	<100	Turbidity (> 100 NTU)	
Sheen/Free Product	None	Sheen/Free Product	

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	3	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date 4/24/03
Site Name Cherry Farms
Location Tonawanda, New York
Project No. 32179
Personnel TPrawel

Weather Sunny 75° +/-
Well # S-1
Evacuation Method Dedicated Teflon Bailer
Sampling Method Dedicated Teflon Bailer

Well Information:

Depth of Well *	N/A	ft.
Depth to Water *	7.75	ft.
Length of Water Column	N/A	ft.
Volume of Water in Well	↓	gal.(s)
3X Volume of Water in Well	↓	gal.(s)

Water Volume /ft. for:
- ___ 2" Diameter Well = 0.163 X LWC
- ___ 4" Diameter Well = 0.653 X LWC
- ___ 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: N/A gal.(s)
Did well go dry?

* Grab Sample

* Measurements taken from [ ] Well Casing [X] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard		1413 S Standard	
10.0 Standard			

Water parameters:

Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	initial	initial	initial	initial
* None Taken due to Heavy Product				

Water Sample:
Time Collected 0915

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Br. Black	Color	
Odor	Yes	Odor	
Turbidity (> 100 NTU)	>100	Turbidity (> 100 NTU)	
Sheen/Free Product	Yes Heavy	Sheen/Free Product	

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date 10/24/03
Site Name Cherry Farms
Location Tonawanda, New York
Project No. 32179
Personnel TPrawel

Weather Sunny 72° am
Well # S-3
Evacuation Method Stainless Steel Bailer
Sampling Method Stainless Steel Bailer

Well Information:

Depth of Well *	N/A	ft.
Depth to Water *	6.10	ft.
Length of Water Column	N/A	ft.
Volume of Water in Well		gal.(s)
3X Volume of Water in Well		gal.(s)

Water Volume /ft. for:
- ____ 2" Diameter Well = 0.163 X LWC
- ____ 4" Diameter Well = 0.653 X LWC
- ____ 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: N/A gal.(s)
Did well go dry?

* Grab Sample

* Measurements taken from [ ] Well Casing [ ] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard		1413 S Standard	
10.0 Standard			

Water parameters:

Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial	initial	initial	initial	initial
* None taken due to Product				

Water Sample:
Time Collected 0815

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Clear w/ NaPL	Color	
Odor	Heavy Napl	Odor	
Turbidity (> 100 NTU)	>100	Turbidity (> 100 NTU)	
Sheen/Free Product	Yes Heavy	Sheen/Free Product	

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Engineers, Inc. — **Standard Ground Water Sampling Log**

Date: 8/23/03
Site Name: Cherry Farms
Location: Tonawanda, New York
Project No.: 32179
Personnel: TPP

Weather: Sunny 75°
Well #: S-4
Evacuation Method: Stainless Steel Bailer
Sampling Method: Stainless Steel Bailer

Well Information:

Depth of Well *	N/A	ft.
Depth to Water *	6.17	ft.
Length of Water Column	N/A	ft.
Volume of Water in Well	N/A	gal.(s)
3X Volume of Water in Well	N/A	gal.(s)

Water Volume /ft. for:
- ___ 2" Diameter Well = 0.163 X LWC
- ___ 4" Diameter Well = 0.653 X LWC
- ___ 6" Diameter Well = 1.469 X LWC

Volume removed before sampling: N/A gal.(s)
Did well go dry? N/A

* Grab Sample

* Measurements taken from: [ ] Well Casing [X] Protective Casing [ ] (Other, Specify)

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard		1413 S Standard	
10.0 Standard			

Water parameters:

Gallons Removed	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial 0	initial 72.2	initial ~~6~~ 6.45	initial 1554	initial

Water Sample:
Time Collected: 1430

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Clear	Color	
Odor	None	Odor	
Turbidity (> 100 NTU)	>100	Turbidity (> 100 NTU)	
Sheen/Free Product	None	Sheen/Free Product	

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	None	1:1 HCL	
Liter	Glass	2	None	None	
Liter	Glass	1	None	None	
Pint	Poly	1	None	HnO3	
Pint	Poly	1	None	NaOH	

Notes:

O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client:

Project: Cherry Farms

Sampled by: T Prawel

Client Contact: **Phone #**

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	95-1	95-2	95-3	metals	CN			Comments
S-4	6/23/03	1430	Wat.	Grab	7	2	2	1	1	1			
S-3	6/24/03	0815	Wat	Grab	7	2	2	1	1	1			
S-1	6/24/03	0915	Wat	Grab	7	2	2	1	1	1			
S-2	6/24/03	1015	Wat	Grab	7	2	2	1	1	1			
MW-5	6/24/03	1140	Wat	Grab	7	2	2	1	1	1			
MW-4	6/24/03	1345	Wat	Grab	7	2	2	1	1	1			
MW-6	6/24/03	1530	Wat	Grab	7	2	2	1	1	1			
X-1	—	—	Wat	Grab	7	2	2	1	1	1			
Trip Blank	—	—	Wat		2								

Relinquished by: [signature] **Date:** 6/24/03 **Time:** 1740

Relinquished by: **Date:** **Time:**

Relinquished by: **Date:** **Time:**

Received by: **Date:** **Time:**

Received by: **Date:** **Time:**

Received by Lab: **Date:** **Time:**

Shipment Method: UPS Overnight

Airbill Number: J154 191 7336
J154 191 7354
J154 191 7372

Turnaround Time Required:
Routine_____
Rush (Specify)_____

Comments:

Cooler Temperature:_____

Original Laboratory Copy Client

O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client:

Project: CHERRY FARMS

Sampled by: Dan Canestraci

Client Contact: **Phone #**

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	95-1	95-2	95-3	Metals	CN			Comments
MW-1	6/25/03	10:15	Water	Grab	7	2	2	1	1	1			
MW-1 MS/MSD	6/25/03	10:30	Water	Grab	14	4	4	2	2	2			
MW-3	6/25/03	12:15	Water	Grab	7	2	2	1	1	1			
MW-2	6/25/03	14:00	Water	Grab	7	2	2	1	1	1			
MW-7	6/25/03	15:20	Water	Grab	7	2	2	1	1	1			
EQUIP. BLANK	6/25/03	16:00	Water	Grab	7	2	2	1	1	1			
TRIP BLANK* (Made with laboratory provided volatile free water for equipment blanks)	6/25	—	Water	Grab	4	4							

Relinquished by: Daniel S Clifton	**Date:** 6/25/03	**Time:** 17:00	**Received by:**	**Date:**	**Time:**
Relinquished by:	**Date:**	**Time:**	**Received by:**	**Date:**	**Time:**
Relinquished by:	**Date:**	**Time:**	**Received by Lab:**	**Date:**	**Time:**
Shipment Method:			**Airbill Number:** J154 191 739 0 J154 191 7452 J154 191 7434		

Turnaround Time Required:
Routine_____
Rush (Specify)_____

Comments:

Cooler Temperature:_____

Original Laboratory Copy Client

Attachment 2

Ground Water Chemistry Data

O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Inorganic Data

Compound (CAS Number)	Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	S-1	S-2
	Lab ID	A7549	A7550	A7551	A7432	A7431	A7433	A7552	A7429	A7430
	Sample Date	06/25/2003	06/25/2003	06/25/2003	06/24/2003	06/24/2003	06/24/2003	06/25/2003	06/24/2003	06/24/2003
	SDG ID	5741	5741	5741	5716	5716	5716	5741	5716	5716
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Aluminum (7429-90-5)		4090	29800	558	803	181 B	30.6 B	315	4920	266
Antimony (7440-36-0)		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	3.7 B	2.6 B
Arsenic (7440-38-2)		35.6	50.8	3.1 B	14.8	9.4 B	1.5 U	15.8	33.7	4.7 B
Barium (7440-39-3)		731	501	229	96.4 B	169 B	107 B	360	441	48.5 B
Beryllium (7440-41-7)		0.1 B	1.4 B	0.1 B	0 B	0 B	0.05 U	0.05 U	0.2 B	0.05 U
Cadmium (7440-43-9)		0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.3 B	0.35 U
Calcium (7440-70-2)		217000	479000	111000	112000	143000	148000	109000	308000	116000
Chromium (7440-47-8)		9.3 B	83.3	14	5.1 B	3.7 B	2.1 B	5.7 B	13	1.6 U
Cobalt (7440-48-4)		1.4 U	18.5 B	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.3 B	1.4 U
Copper (7440-50-8)		7.4 B	72.2	6 B	2.3 B	6.7 B	0.76 U	0.9 B	66.4	1.8 B
Cyanide (57-12-5)		4.4 B	6.1 B	4.9 B	10 U	11	8.3 B	14	5.5 B	49
Iron (7439-89-6)		14700	59400	15300	5820	25700	27000	22800	36200	438
Lead (7439-92-1)		2.7 B	52.8	1.3 U	1.3 B	2.8 B	1.3 U	1.3 U	33.2	1.3 U
Magnesium (7439-95-4)		57000	143000	30200	31900	35100	35600	13600	16500	175 B
Manganese (7439-96-5)		210	1570	495	1040	198	1530	282	2370	27.7
Mercury (7439-97-6)		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel (7440-02-0)		5.5 B	61.6	5.6 B	3.4 B	1.2 U	1.2 U	1.7 B	35.7 B	1.2 U
Potassium (7440-09-7)		3080 B	10200	9720	4290 B	12700	14600	10700	24400	44300
Selenium (7782-49-2)		3.2 U	3.2 U	3.2 U	3.3 B	3.2 U	3.2 U	3.2 U	3.2 U	6.6
Silver (7440-22-4)		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Sodium (7440-23-5)		40500	17100	54600	65200	70200	35300	26700	108000	64400
Thallium (7440-28-0)		4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Vanadium (7440-62-2)		8 B	59.8	4.4 B	6.7 B	3.7 B	1.2 B	1.4 B	43.4 B	14.6 B
Zinc (7440-66-6)		47.5	235	28.5	23.8	18.3 B	15.4 B	31.6	270	5 B

NOTES: U - not detected, B - greater than IDL, less than CRDL.
E - indicates a value estimated or not reported due to the presence of interference.

Date Printed: 08/15/2003 11:43:24
DBF File: Q:\1163_HONEYWELL\114_ALLIEDCHERRY\TEMPDATA.DBF
FXP File: Q:\1163_HONEYWELL\114_ALLIEDCHERRY\TABLEPR.FXP

File Number 1163.114

O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Inorganic Data

Compound (CAS Number)	Sample ID	S-3	S-4	X-1(MW-4 Dup)	equipment blank
	Lab ID	A7428	A7427	A7434	A7553
	Sample Date	06/24/2003	06/23/2003	06/24/2003	06/25/2003
	SDG ID	5716	5716	5716	5741
	Units	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water
Aluminum (7429-90-5)		536	12.8 B	942	24.7 B
Antimony (7440-36-0)		2 B	1.7 U	1.7 U	1.7 U
Arsenic (7440-38-2)		3.7 B	2.4 B	14.9	1.5 U
Barium (7440-39-3)		37.6 B	51.2 B	101 B	0.38 U
Beryllium (7440-41-7)		0.05 U	0.1 B	0.05 U	0.05 U
Cadmium (7440-43-9)		0.35 U	0.35 U	2 B	0.35 U
Calcium (7440-70-2)		107000	307000	111000	32.9 B
Chromium (7440-47-8)		1.6 U	1.6 U	8.2 B	1.6 U
Cobalt (7440-48-4)		1.4 U	1.4 U	1.4 U	1.4 U
Copper (7440-50-8)		1.2 B	6.8 B	2.4 B	0.76 U
Cyanide (57-12-5)		40.2	29	10 U	10 U
Iron (7439-89-6)		127	1380	5860	2.1 U
Lead (7439-92-1)		1.3 U	1.3 U	1.7 B	1.3 U
Magnesium (7439-95-4)		131 B	3520 B	31300	13 U
Manganese (7439-96-5)		4.5 B	729	1410	0.4 B
Mercury (7439-97-6)		0.06 B	0.05 U	0.05 U	0.05 U
Nickel (7440-02-0)		1.2 U	1.2 U	5.8 B	1.2 U
Potassium (7440-09-7)		44600	63300	4190 B	135 U
Selenium (7782-49-2)		6	5 B	3.3 B	3.2 U
Silver (7440-22-4)		1.1 U	1.1 U	1.1 U	1.1 U
Sodium (7440-23-5)		64800	46900	55700	21.5 U
Thallium (7440-28-0)		4 U	4 U	4 U	4 U
Vanadium (7440-62-2)		16 B	2.2 B	6.4 B	0.78 U
Zinc (7440-66-6)		17 B	11.8 B	57	9.9 B

NOTES: U - not detected, B - greater than IDL, less than CRDL.
E - indicates a value estimated or not reported due to the presence of interference.

Date Printed: 08/15/2003 11:43:24
DBF File: Q:\1163_HONEYWELL\114_ALLIEDCHERRY\TEMPDATA.DBF
FXP File: Q:\1163_HONEYWELL\114_ALLIEDCHERRY\TABLEPR.FXP
File Number: 1163.114

O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Volatile Organic Compound Data

Compound (CAS Number)	Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	S-1	S-2
	Lab ID	A7549	A7550	A7551	A7432	A7431	A7433	A7552	A7429	A7430
	Sample Date	06/25/2003	06/25/2003	06/25/2003	06/24/2003	06/24/2003	06/24/2003	06/25/2003	06/24/2003	06/24/2003
	SDG ID	5741	5741	5741	5716	5716	5716	5741	5716	5716
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
1,1,1-Trichloroethane (71-55-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane (79-34-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane (79-00-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane (75-34-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J
1,1-Dichloroethene (75-35-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane (107-06-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane (78-87-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (MEK) (78-93-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone (591-78-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK) (108-10-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone (67-64-1)		10 U	10 U	10 U	10 U	3 J	10 U	10 U	6 J	10 U
Benzene (71-43-2)		10 U	10 U	10 U	10 U	38	10 U	10 U	10 U	10 U
Bromodichloromethane (75-27-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform (75-25-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (74-83-9)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide (75-15-0)		8 J	5 J	3 J	6 J	2 J	1 J	30	10 U	10 U
Carbon tetrachloride (56-23-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene (108-90-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane (75-00-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (67-66-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (74-87-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane (124-48-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene (100-41-4)		10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U
Methylene chloride (75-09-2)		10 U	10 U	10 U	10 U	10 U	10 U	0.5 JB	0.5 J	10 U
Styrene (100-42-5)		10 U	10 U	10 U	10 U	0.5 J	10 U	10 U	10 U	10 U
Tetrachloroethene (127-18-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene (108-88-3)		10 U	10 U	10 U	10 U	4 J	10 U	10 U	10 U	10 U
Trichloroethene (79-01-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride (75-01-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total) (1330-20-7)		10 U	10 U	10 U	10 U	7 J	10 U	10 U	10 U	1 J
cis-1,2-Dichloroethene (156-59-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropylene (10061-01-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene (156-60-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene (10061-02-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis.

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O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Volatile Organic Compound Data

Compound (CAS Number)	Sample ID	S-3	S-4	X-1(MW-4 Dup)	equipment blank	storage blank	trip blank	trip blank
	Lab ID	A7428	A7427	A7434	A7553	A7435	A7436	A7554
	Sample Date	06/24/2003	06/23/2003	06/24/2003	06/25/2003	06/25/2003	06/23/2003	06/25/2003
	SDG ID	5716	5716	5716	5741	5716	5716	5741
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water	Water	Water	Water
1,1,1-Trichloroethane (71-55-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane (79-34-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane (79-00-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane (75-34-3)		2 J	1 J	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene (75-35-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane (107-06-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane (78-87-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (MEK) (78-93-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone (591-78-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK) (108-10-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone (67-64-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene (71-43-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane (75-27-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform (75-25-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (74-83-9)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide (75-15-0)		10 U	10 U	7 J	10 U	10 U	10 U	10 U
Carbon tetrachloride (56-23-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene (108-90-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane (75-00-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (67-66-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (74-87-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane (124-48-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene (100-41-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride (75-09-2)		0.5 J	10 U	10 U	10 U	0.6 JB	0.5 JB	0.5 JB
Styrene (100-42-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene (127-18-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene (108-88-3)		0.7 J	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene (79-01-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride (75-01-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total) (1330-20-7)		1 J	2 J	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene (156-59-2)		10 U	1 J	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropylene (10061-01-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene (156-60-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene (10061-02-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis.

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O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Semivolatile Organic Compound Data

Compound (CAS Number)	Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	S-1	S-2
	Lab ID	A7549	A7550	A7551	A7432	A7431	A7433	A7552	A7429	A7430
	Sample Date	06/25/2003	06/25/2003	06/25/2003	06/24/2003	06/24/2003	06/24/2003	06/25/2003	06/24/2003	06/24/2003
	SDG ID	5741	5741	5741	5716	5716	5716	5741	5716	5716
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
1,2,4-Trichlorobenzene (120-82-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
1,2-Dichlorobenzene (95-50-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
1,3-Dichlorobenzene (541-73-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
1,4-Dichlorobenzene (106-46-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Bis(2-chloroisopropyl) ether (108-60-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2,4,5-Trichlorophenol (95-95-4)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
2,4,6-Trichlorophenol (88-06-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2,4-Dichlorophenol (120-83-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2,4-Dimethylphenol (105-67-9)		10 U	10 U	10 U	10 U	7 J	10 U	10 U	500 U	6 J
2,4-Dinitrophenol (51-28-5)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
2,4-Dinitrotoluene (121-14-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2,6-Dinitrotoluene (606-20-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2-Chloronaphthalene (91-58-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2-Chlorophenol (95-57-8)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2-Methylnaphthalene (91-57-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
2-Methylphenol (95-48-7)		10 U	10 U	10 U	10 U	1 J	10 U	10 U	500 U	1 J
2-Nitroaniline (88-74-4)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
2-Nitrophenol (88-75-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
3,3-Dichlorobenzidine (91-94-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
3-Nitroaniline (99-09-2)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
4,6-Dinitro-2-methylphenol (534-52-1)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
4-Bromophenyl phenyl ether (101-55-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
4-Chloro-3-methylphenol (59-50-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
4-Chloroaniline (106-47-8)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
4-Chlorophenyl phenyl ether (7005-72-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
4-Methylphenol (106-44-5)		10 U	10 U	10 U	10 U	2 J	10 U	10 U	500 U	4 J
4-Nitroaniline (100-01-6)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
4-Nitrophenol (100-02-7)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
Acenaphthene (83-32-9)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Acenaphthylene (208-96-8)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Anthracene (120-12-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Benzo(a)anthracene (56-55-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	90 JD	10 U
Benzo[a]pyrene (50-32-8)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	72 JD	10 U
Benzo(b)fluoranthene (205-99-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	110 JD	10 U
Benzo(ghi)perylene (191-24-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis.

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O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Semivolatile Organic Compound Data

Compound (CAS Number)	Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	S-1	S-2
	Lab ID	A7549	A7550	A7551	A7432	A7431	A7433	A7552	A7429	A7430
	Sample Date	06/25/2003	06/25/2003	06/25/2003	06/24/2003	06/24/2003	06/24/2003	06/25/2003	06/24/2003	06/24/2003
	SDG ID	5741	5741	5741	5716	5716	5716	5741	5716	5716
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Benzo(k)fluoranthene (207-08-9)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	58 JD	10 U
Butyl benzyl phthalate (85-68-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Carbazole (86-74-8)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Chrysene (218-01-9)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	83 JD	10 U
Di-n-butyl phthalate (84-74-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Di-n-octyl phthalate (117-84-0)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Dibenzo(a,h)anthracene (53-70-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Dibenzofuran (132-64-9)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Diethyl phthalate (84-66-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Dimethyl phthalate (131-11-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Fluoranthene (206-44-0)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	230 JD	10 U
Fluorene (86-73-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Hexachlorobenzene (118-74-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Hexachlorobutadiene (87-68-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Hexachlorocyclopentadiene (77-47-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Hexachloroethane (67-72-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Indeno(1,2,3-cd)pyrene (193-39-5)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Isophorone (78-59-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
N-Nitrosodipropylamine (621-64-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
N-Nitrosodiphenylamine (86-30-6)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Naphthalene (91-20-3)		10 U	10 U	10 U	10 U	5 J	10 U	10 U	500 U	10 U
Nitrobenzene (98-95-3)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Pentachlorophenol (87-86-5)		25 U	25 U	25 U	25 U	25 U	25 U	25 U	1200 U	25 U
Phenanthrene (85-01-8)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Phenol (108-95-2)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Pyrene (129-00-0)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	270 JD	10 U
Bis(2-chloroethoxy)methane (111-91-1)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Bis(2-chloroethyl)ether (111-44-4)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U
Bis(2-ethylhexyl)phthalate (BEHP) (117-81-7)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 JD	10 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis.

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O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Semivolatile Organic Compound Data

Compound (CAS Number)	Sample ID	S-3	S-4	X-1(MW-4 Dup)	equipment blank
	Lab ID	A7428	A7427	A7434	A7553
	Sample Date	06/24/2003	06/23/2003	06/24/2003	06/25/2003
	SDG ID	5716	5716	5716	5741
	Units	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water
1,2,4-Trichlorobenzene (120-82-1)		500 U	10 U	10 U	11 U
1,2-Dichlorobenzene (95-50-1)		500 U	10 U	10 U	11 U
1,3-Dichlorobenzene (541-73-1)		500 U	10 U	10 U	11 U
1,4-Dichlorobenzene (106-46-7)		500 U	10 U	10 U	11 U
Bis(2-chloroisopropyl) ether (108-60-1)		500 U	10 U	10 U	11 U
2,4,5-Trichlorophenol (95-95-4)		1200 U	25 U	25 U	27 U
2,4,6-Trichlorophenol (88-06-2)		500 U	10 U	10 U	11 U
2,4-Dichlorophenol (120-83-2)		500 U	10 U	10 U	11 U
2,4-Dimethylphenol (105-67-9)		500 U	3 J	10 U	11 U
2,4-Dinitrophenol (51-28-5)		1200 U	25 U	25 U	27 U
2,4-Dinitrotoluene (121-14-2)		500 U	10 U	10 U	11 U
2,6-Dinitrotoluene (606-20-2)		500 U	10 U	10 U	11 U
2-Chloronaphthalene (91-58-7)		500 U	10 U	10 U	11 U
2-Chlorophenol (95-57-8)		500 U	10 U	10 U	11 U
2-Methylnaphthalene (91-57-6)		500 U	10 U	10 U	11 U
2-Methylphenol (95-48-7)		500 U	1 J	10 U	11 U
2-Nitroaniline (88-74-4)		1200 U	25 U	25 U	27 U
2-Nitrophenol (88-75-5)		500 U	10 U	10 U	11 U
3,3-Dichlorobenzidine (91-94-1)		500 U	10 U	10 U	11 U
3-Nitroaniline (99-09-2)		1200 U	25 U	25 U	27 U
4,6-Dinitro-2-methylphenol (534-52-1)		1200 U	25 U	25 U	27 U
4-Bromophenyl phenyl ether (101-55-3)		500 U	10 U	10 U	11 U
4-Chloro-3-methylphenol (59-50-7)		500 U	36	10 U	11 U
4-Chloroaniline (106-47-8)		500 U	10 U	10 U	11 U
4-Chlorophenyl phenyl ether (7005-72-3)		500 U	10 U	10 U	11 U
4-Methylphenol (106-44-5)		500 U	10 U	10 U	11 U
4-Nitroaniline (100-01-6)		1200 U	25 U	25 U	27 U
4-Nitrophenol (100-02-7)		1200 U	25 U	25 U	27 U
Acenaphthene (83-32-9)		500 U	10 U	10 U	11 U
Acenaphthylene (208-96-8)		500 U	10 U	10 U	11 U
Anthracene (120-12-7)		500 U	10 U	10 U	11 U
Benzo(a)anthracene (56-55-3)		94 JD	10 U	10 U	11 U
Benzo[a]pyrene (50-32-8)		79 JD	10 U	10 U	11 U
Benzo(b)fluoranthene (205-99-2)		110 JD	10 U	10 U	11 U
Benzo(ghi)perylene (191-24-2)		500 U	10 U	10 U	11 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis.

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O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Semivolatile Organic Compound Data

Compound (CAS Number)	Sample ID	S-3	S-4	X-1(MW-4 Dup)	equipment blank
	Lab ID	A7428	A7427	A7434	A7553
	Sample Date	06/24/2003	06/23/2003	06/24/2003	06/25/2003
	SDG ID	5716	5716	5716	5741
	Units	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water
Benzo(k)fluoranthene (207-08-9)		93 JD	10 U	10 U	11 U
Butyl benzyl phthalate (85-68-7)		500 U	10 U	10 U	11 U
Carbazole (86-74-8)		500 U	10 U	10 U	11 U
Chrysene (218-01-9)		92 JD	10 U	10 U	11 U
Di-n-butyl phthalate (84-74-2)		500 U	10 U	10 U	11 U
Di-n-octyl phthalate (117-84-0)		500 U	10 U	10 U	11 U
Dibenzo(a,h)anthracene (53-70-3)		500 U	10 U	10 U	11 U
Dibenzofuran (132-64-9)		500 U	10 U	10 U	11 U
Diethyl phthalate (84-66-2)		500 U	10 U	10 U	11 U
Dimethyl phthalate (131-11-3)		500 U	10 U	10 U	11 U
Fluoranthene (206-44-0)		210 JD	10 U	10 U	11 U
Fluorene (86-73-7)		500 U	10 U	10 U	11 U
Hexachlorobenzene (118-74-1)		500 U	10 U	10 U	11 U
Hexachlorobutadiene (87-68-3)		500 U	10 U	10 U	11 U
Hexachlorocyclopentadiene (77-47-4)		500 U	10 U	10 U	11 U
Hexachloroethane (67-72-1)		500 U	10 U	10 U	11 U
Indeno(1,2,3-cd)pyrene (193-39-5)		500 U	10 U	10 U	11 U
Isophorone (78-59-1)		500 U	10 U	10 U	11 U
N-Nitrosodipropylamine (621-64-7)		500 U	10 U	10 U	11 U
N-Nitrosodiphenylamine (86-30-6)		500 U	10 U	10 U	11 U
Naphthalene (91-20-3)		500 U	10 U	10 U	11 U
Nitrobenzene (98-95-3)		500 U	10 U	10 U	11 U
Pentachlorophenol (87-86-5)		1200 U	25 U	25 U	27 U
Phenanthrene (85-01-8)		500 U	10 U	10 U	11 U
Phenol (108-95-2)		500 U	10 U	10 U	11 U
Pyrene (129-00-0)		290 JD	10 U	10 U	11 U
Bis(2-chloroethoxy)methane (111-91-1)		500 U	10 U	10 U	11 U
Bis(2-chloroethyl)ether (111-44-4)		500 U	10 U	10 U	11 U
Bis(2-ethylhexyl)phthalate (BEHP) (117-81-7)		140 JD	10 U	10 U	11 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis.

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File Number: 1163.114

O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Pesticide/PCB Data

Compound (CAS Number)	Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	S-1	S-1 DL
	Lab ID	A7549	A7550	A7551	A7432	A7431	A7433	A7552	A7429	A7429DL
	Sample Date	06/25/2003	06/25/2003	06/25/2003	06/24/2003	06/24/2003	06/24/2003	06/25/2003	06/24/2003	06/24/2003
	SDG ID	5716	5716	5716	5716	5716	5716	5716	5716	5716
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
4,4'-DDD (72-54-8)		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.3 P	9.4 PD
4,4'-DDE (72-55-9)		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 P	1.5 JPD
4,4'-DDT (50-29-3)		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U
Aldrin (309-00-2)		0.051 U	0.052 U	0.052 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	2.5 U
Aroclor 1016 (12674-11-2)		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	50 U
Aroclor 1221 (11104-28-2)		2 U	2.1 U	2.1 U	2 U	2 U	2 U	2 U	10 U	100 U
Aroclor 1232 (11141-16-5)		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	50 U
Aroclor 1242 (53469-21-9)		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	50 U
Aroclor 1248 (12672-29-6)		1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 P	91 PD
Aroclor 1254 (11097-69-1)		1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	50 U
Aroclor 1260 (11096-82-5)		1 U	1 U	1 U	1 U	1 U	1 U	1 U	38 P	52 PD
Dieldrin (60-57-1)		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 P	1.7 JPD
Endosulfan I (959-98-8)		0.0038 JP	0.052 U	0.0045 JP	0.05 U	0.0066 JP	0.05 U	0.05 U	0.84 P	1.3 JPD
Endosulfan II (33213-65-9)		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U
Endosulfan sulfate (1031-07-8)		0.1 U	0.1 U	0.0062 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U
Endrin (72-20-8)		0.1 U	0.1 U	0.026 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U
Endrin aldehyde (7421-93-4)		0.005 BJ	0.0046 BJP	0.1 U	0.1 U	0.015 BJP	0.0056 BJ	0.004 BJ	0.38 BJP	0.68 BJD
Endrin ketone (53494-70-5)		0.0037 JP	0.1 U	0.1 U	0.0033 JP	0.1 U	0.1 U	0.1 U	0.46 JP	0.27 JPD
Heptachlor (76-44-8)		0.051 U	0.052 U	0.052 U	0.05 U	0.05 U	0.05 U	0.05 U	0.26 P	0.41 JPD
Heptachlor epoxide (1024-57-3)		0.051 U	0.052 U	0.014 JP	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	2.5 U
Methoxychlor (72-43-5)		0.51 U	0.52 U	0.52 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3 JP	1.9 JPD
Toxaphene (8001-35-2)		5.1 U	5.2 U	5.2 U	5 U	5 U	5 U	5 U	25 U	250 U
alpha-BHC (319-84-6)		0.051 U	0.052 U	0.052 U	0.0057 JP	0.05 U	0.05 U	0.05 U	0.072 JP	2.5 U
alpha-Chlordane (5103-71-9)		0.051 U	0.052 U	0.052 U	0.05 U	0.05 U	0.05 U	0.05 U	0.096 JP	0.11 JPD
beta-BHC (319-85-7)		0.051 U	0.052 U	0.052 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	2.5 U
delta-BHC (319-86-8)		0.051 U	0.052 U	0.052 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	2.5 U
gamma-BHC (Lindane) (58-89-9)		0.051 U	0.052 U	0.052 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	2.5 U
gamma-Chlordane (5103-74-2)		0.015 JP	0.0073 J	0.0054 JP	0.01 J	0.0092 J	0.05 U	0.05 U	0.25 U	2.5 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis, P - greater than 25% difference between results on two GC columns.

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O'BRIEN & GERE
ENGINEERS, INC.

Attachment 2
Cherry Farm
Post Construction
Ground Water Monitoring
Pesticide/PCB Data

Compound (CAS Number)	Sample ID	S-2	S-3	S-3 DL	S-4	X-1(MW-4 Dup)	equipment blank	equipment blank
	Lab ID	A7430	A7428	A7428DL	A7427	A7434	A7553	A7553
	Sample Date	06/24/2003	06/24/2003	06/24/2003	06/23/2003	06/24/2003	06/25/2003	06/25/2003
	SDG ID	5716	5716	5716	5716	5716	5716	5716
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Matrix	Water	Water	Water	Water	Water	Water	Water
4,4'-DDD (72-54-8)		0.1 U	8 P	15 PD	0.1 U	0.1 U	---	0.11 U
4,4'-DDE (72-55-9)		0.1 U	2.8 P	5 D	0.1 U	0.1 U	---	0.11 U
4,4'-DDT (50-29-3)		0.1 U	0.5 U	5 U	0.0026 JP	0.1 U	---	0.11 U
Aldrin (309-00-2)		0.052 U	0.25 U	2.5 U	0.05 U	0.05 U	---	0.057 U
Aroclor 1016 (12674-11-2)		1 U	5 U	50 U	1 U	1 U	---	1.1 U
Aroclor 1221 (11104-28-2)		2.1 U	10 U	100 U	2 U	2 U	---	2.3 U
Aroclor 1232 (11141-16-5)		1 U	5 U	50 U	1 U	1 U	---	1.1 U
Aroclor 1242 (53469-21-9)		1 U	5 U	50 U	1 U	1 U	---	1.1 U
Aroclor 1248 (12672-29-6)		1 U	130 P	250 D	1 U	1 U	---	1.1 U
Aroclor 1254 (11097-69-1)		1 U	5 U	50 U	1 U	1 U	---	1.1 U
Aroclor 1260 (11096-82-5)		1 U	62 P	120 D	1 U	1 U	---	1.1 U
Dieldrin (60-57-1)		0.0045 JP	2.4 P	4.3 JPD	0.0097 J	0.1 U	---	0.11 U
Endosulfan I (959-98-8)		0.015 J	2.2 P	2.7 PD	0.0099 JP	0.0031 JP	---	0.057 U
Endosulfan II (33213-65-9)		0.1 U	1.6 P	2.9 JPD	0.0052 JP	0.1 U	---	0.11 U
Endosulfan sulfate (1031-07-8)		0.1 U	0.5 U	5 U	0.1 U	0.1 U	---	0.11 U
Endrin (72-20-8)		0.1 U	0.5 U	5 U	0.1 U	0.1 U	---	0.11 U
Endrin aldehyde (7421-93-4)		0.0088 BJP	0.72 BP	1.3 BJPD	0.0081 BJP	0.006 BJP	---	0.11 U
Endrin ketone (53494-70-5)		0.1 U	0.5 U	5 U	0.1 U	0.1 U	---	0.11 U
Heptachlor (76-44-8)		0.052 U	0.85 P	1.3 JPD	0.0057 J	0.05 U	---	0.057 U
Heptachlor epoxide (1024-57-3)		0.0063 JP	0.2 JP	2.5 U	0.05 U	0.05 U	---	0.057 U
Methoxychlor (72-43-5)		0.52 U	2.5 U	2.6 JPD	0.5 U	0.5 U	---	0.57 U
Toxaphene (8001-35-2)		5.2 U	25 U	250 U	5 U	5 U	---	5.7 U
alpha-BHC (319-84-6)		0.0032 JP	0.25 U	2.5 U	0.013 JP	0.05 U	0.057 U	---
alpha-Chlordane (5103-71-9)		0.052 U	0.39 P	0.58 JPD	0.05 U	0.05 U	---	0.057 U
beta-BHC (319-85-7)		0.052 U	0.25 U	2.5 U	0.05 U	0.05 U	---	0.057 U
delta-BHC (319-86-8)		0.052 U	0.25 U	2.5 U	0.05 U	0.05 U	---	0.057 U
gamma-BHC (Lindane) (58-89-9)		0.052 U	0.25 U	2.5 U	0.05 U	0.05 U	---	0.057 U
gamma-Chlordane (5103-74-2)		0.052 U	0.25 U	2.5 U	0.0062 JP	0.0092 JP	---	0.057 U

NOTES: U- not detected, J - estimated, B - detected in associated blank, E - outside instrument linear range, use result from diluted analysis, D - diluted analysis, P - greater than 25% difference between results on two GC columns.

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Attachment 3

Laboratory Narrative

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Honeywell, Cherry Farms located in Williamsville, NY. New York State Department of Environmental Conservation forms are included in the Sample Data Summary Package and in the Sample Data Package.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage, custody inconsistencies and proper preservation. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

Discrepancies noted upon receipt are located on the case file form located in the chain of custody section. Cooler temperatures were 6°C, and 8°C to 11°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	95-1	1
Semivolatile Organics	95-2	1
Pesticides/PCBs	95-3	1
ICP Metals	200.7 CLP-M*	1
Mercury	245.1 CLP-M*	1
Cyanide	335.2 CLP-M*	1

1) New York State Department of Environmental Conservation Analytical Services Protocol, October 1995.

QUALITY CONTROL

QA/QC results are summarized in the Sample Data Summary Package and are also included in the raw data.

RAW DATA

The raw data is organized in the New York State Department of Environmental Conservation Analytical Services Protocol Superfund order of data requirements.

GC/MS Volatile Organics Case Narrative

Client:	O'Brien & Gere Engineers, Inc.
Job Number:	3435.043.72891
Package #:	5716, 5741
Methodology:	ASP 95-1

Analyzed/Reviewed by (Initials/Date): SG 7-9-03

Supervisor/Reviewed by (Initials/Date): 7-13-03

QA/QC Review (Initials/Date): 7/15/3

File Name: C:\Documents MS2\narratives\5716vnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-502.2, 105 m x 0.53 mm ID capillary column and a Vocarb 3000 trap.

There were no excursions to note. All QC results were within established control limits.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD/MSB
All spike recovery and RPD data met method and/or project specific QC criteria.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
All initial calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

GC/MS Semi-Volatile Organics Case Narrative

Client:	O'Brien & Gere Engineers, Inc.
Job Number:	3435.043.72891
Package #:	5716,5741
Methodology:	ASP 95-2

Analyzed/Reviewed by (Initials/Date): MA 7-15-03

Supervisor/Reviewed by (Initials/Date): @ 7-15-03

QA/QC Review (Initials/Date): MB 7/18/3

File Name: C:\Documents MS6\Narratives\5716svnar.doc

GC/MS Semi-Volatile Organics
The GC/MS Semi-volatile instruments used a J & W DB-5MS, 30 m x 0.25 mm ID capillary column.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD/MSB
The following compound(s) did not meet matrix spike/matrix spike duplicate percent recovery and/or RPD criteria:

Sample Description	Sample #	Compound	% REC	RPD	Corrective Action
MSB01	PS062603W1	4-Nitrophenol	X		1
MW-1	A7549	4-Nitrophenol	X		1

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
All initial calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Client: O'Brien & Gere Engineers, Inc.
Job Number: 3435.043.72891
Package: 5716,5741
Methodology: ASP

Miscellaneous

Samples S-3[A7428] and S-1[A7429] were diluted for matrix interference.

GC Semivolatile Organics Case Narrative

Client: O'BRIEN & GERE ENG
Job Number: 3435.043.72891
Package #: 5716,5741
Methodology 95-3

Analyzed/Reviewed by (Initials/Date): 7/16/03

Supervisor/Reviewed by (Initials/Date): 7-16-03

QA/QC Review (Initials/Date): 7/18/3

File Name : A:\5716PEST.NAR

Pesticide/PCBs

The GC Semivolatile instruments use a 30m x .53mm ID RTXCLP and a RTXCLP2 capillary column.

Holding Times

All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Samples

All spike recoveries met method and/or project specific QC criteria.

MS/MSD/MSB

All spike recovery and RPD data met method and/or project specific QC criteria.

Surrogates

The following samples did not meet criteria for surrogate recoveries for Tetrachloro-m-xylene (TCMX):

Sample Description	Sample #	Column	Corrective Action
MSBLK01	PS063003W2	RTXCLP	1
MW-2	A7550	RTXCLP	1

1. One of the two surrogates met criteria. The high recovery is attributed to matrix interference. The control limits are advisory only, no corrective action was required.

Calibrations

The following continuing calibration compound(s) exceeded method percent difference criteria:

Calibration Date	Time	Column	Compound	Corrective Action
07/15/03	10:15	RTXCLP2	4,4' DDT	1
07/15/03	10:42	RTXCLP2	a-Chlordane, g-Chlordane	1

1. The CCV failure is attributed to matrix intereference/carryover from a sample . The CCV was reanalyzed within the 12 hour criteria and passed. No further corrective action was taken.

Client: O'BRIEN & GERE ENG
Job Number: 3435.043.72891
Package: 5716,5741
Methodology: 95-3

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Trace Metals Case Narrative

Client:	O'Brien & Gere Engineers, Inc.
Job Number:	3435.043.72891
Package #:	5716,5741
Methodology:	ICP metals – 200.7 CLP-M* Mercury – 245.1CLP-M* Total cyanide – 335.2 CLP-M*

Analyzed/Reviewed by (Date/Initials): 7-16-03 WT

Supervisor/Reviewed by (Date/Initials): 7-16-03 [illegible]

QA/QC Review (Date/Initials): 7/24/3

Trace Metals

There were no excursions to note. All QC results were within established control limits.

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