915063

2002 ANNUAL REPORT

OPERATIONS, MAINTENANCE, AND MONITORING AT THE CHERRY FARM SITE (NYSDEC SITE NO. 9-15-063) RIVER ROAD SITE (NYSDEC SITE NO. 9-15-031)

Tonawanda, New York

SUBMITTED TO:

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION

SUBMITTED BY:

CHERRY FARM/RIVER ROAD SITE
Potentially Responsible Parties

PREPARED BY:

PARSONS
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March 2003

2002 Annual Report:

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EXECUTIVE SUMMARY

INTRODUCTION

This Annual Report summarizes the annual monitoring and maintenance activities conducted from January 1 through December 31, 2002 at the Cherry Farm/River Road Site (Site). The work was conducted as part of the required post-construction operations, maintenance, and monitoring (OM&M) program to monitor and evaluate groundwater and surface water quality, and determine the effectiveness of both the shallow and intermediate/deep groundwater extraction systems.

PROGRAM METHODOLOGY

Sumps in the shallow aquifer and monitoring wells in the intermediate/deep aquifer were sampled in June and December 2002, as required in the January 2000 OM&M Manual. All samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), TCL pesticides/PCBs, and target analyte list (TAL) metals. Surface water was present at only one of the surface water sampling locations during the sampling events.

Water level monitoring was conducted monthly on the monitoring wells, recovery wells, sumps, and observation wells. Water level data were utilized to construct groundwater contour maps and hydrographs.

Maintenance was performed on various components of the groundwater treatment system throughout the year. The maintenance operations were performed as part of scheduled preventive maintenance, or were required due to breakdowns or malfunctions. A Wildlife and Habitat report related to the constructed wetlands along the shore was completed, and has been included with this report.

MONITORING SUMMARY

In general, the quality of groundwater in the intermediate/deep zone beneath the Site was similar or slightly improved in the 2002 sampling events relative to the previous sampling events. The quality of shallow groundwater was similar during this reporting period as compared to previous sampling events.

The intermediate/deep groundwater samples collected form onsite monitoring wells contained a total of four VOCs at concentrations above NYSDEC Class GA groundwater standards or guidance values: benzene, toluene, ethylbenzene, and xylene (BTEX). A total of eleven SVOCs were detected above groundwater standards including benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, indeno(1,2,3 cd)pyrene, naphthalene, 2,4-dimethylphenol, 2-methylphenol, 4-methylphenol, and phenol. No polycyclic aromatic hydrocarbons (PAHs) were detected at concentrations exceeding

the groundwater standard. One pesticide, aldrin, exceeded the groundwater standard. No PCBs were detected in any of the monitoring wells in either sampling round. Concentrations for eight TAL metals exceeded standards or guidance values, including arsenic, barium, chromium, iron, lead, magnesium, manganese, and sodium.

Shallow groundwater samples collected from onsite sumps contained a total of five SVOCs, five PAHs, eleven pesticides, two PCBs, and four TAL metals which were detected at concentrations above groundwater standards. No VOCs were found above groundwater standards. The greatest concentrations and frequency of detections occurred in S-1, where a light non-aqueous phase liquid (LNAPL) was observed throughout this reporting period.

SYSTEM EFFECTIVENESS

The intermediate/deep groundwater extraction system achieved the objective of preventing offsite migration to adjoining properties, and to the Niagara River. Sufficient drawdown was maintained while the system was operating to create a barrier to offsite migration of groundwater, but the capture zones were marginal in some areas on the occasions when recovery wells were down for maintenance. In order to complete a groundwater upwelling study, the recovery wells were turned off in October 2002, and will remain off until at least February 2004 during the course of the study. The results of the upwelling study will be used to determine if the recovery wells will be permanently shut down, or will be returned to service. Results of the upwelling study are being provided in quarterly reports submitted separately from this annual report.

The shallow collection trench system is operating as planned, with flow rates very close to those predicted during the design phase. No surface overflows were observed from the trench during the reporting period.

CONCLUSIONS

- Impacts from the Site on groundwater quality in the intermediate/deep zone under the Site were relatively minor. Intermediate/deep zone groundwater quality beneath the Site showed slight improvement in the 2002 sampling events relative to the earlier events.

- The quality of shallow groundwater samples collected from onsite monitoring wells during the 2002 events showed greater impacts from the Site than the intermediate/deep zone samples. Generally, water quality was similar in the shallow groundwater beneath the Site compared to earlier sampling events. The most notable impacts were in samples collected from sump S-1, likely due to the measurable thickness of LNAPL throughout the reporting period.

- Groundwater contour maps of the intermediate/deep zone, constructed from water level data throughout the year, indicated that sufficient drawdown was maintained while the recovery system was operating (with occasional interruptions) to prevent offsite migration of groundwater. The 11 deep extraction wells were turned off in October 2002 so that a groundwater upwelling study could be conducted. The outcome of this study

will determine if the recovery system should remain off permanently, or be returned to service.

- The shallow collection trench system operated as designed, with flow rates approximating those predicted during the design phase. Due to accumulation of sediment and scale deposits in the pump and piping systems, pumping rates had gradually declined during 2002. After cleaning the piping systems and replacing pump impellers in October 2002, flow rates from the sumps increased to the appropriate rates.
- From 1997 through 2002, groundwater and surface water samples have been analyzed for a complete TCL/TAL list of parameters. More than five years of monitoring data has now been collected.

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INTRODUCTION

1.1 PURPOSE

Parsons has prepared this Annual Report to summarize the annual monitoring and maintenance activities conducted from January 1 through December 31, 2002 at the Cherry Farm/River Road Site (Site) (Figure 1.1). The work was conducted as part of the required post-construction operations, maintenance and monitoring (OM&M) program, to monitor and evaluate groundwater and surface water quality, and determine the effectiveness of both the shallow and intermediate/deep groundwater extraction systems. The field efforts and reporting tasks were prepared in accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Post-Remedial Construction OM&M Manual, dated February 1999.

The scope of services defined in the OM&M Manual can be divided into the following tasks:

- Task 1 – Groundwater treatment plant and groundwater extraction system operation and maintenance.
- Task 2 – Inspection and maintenance of the landfill and shoreline improvements, including wetlands;
- Task 3 - Groundwater quality monitoring;
- Task 4 - Surface water quality monitoring;
- Task 5 - Water level monitoring; and
- Task 6 - Evaluation of monitoring data.

1.2 BACKGROUND

As part of the Site Remedial Action Plan, a groundwater extraction system was installed. Operation of this system began on August 18, 1997. A series of 11 recovery wells extract groundwater from the intermediate/deep aquifer, and a groundwater extraction trench collects shallow groundwater and any associated light non-aqueous phase liquids (LNAPL) (Figure 1.2). Groundwater collected from the recovery wells and the extraction trench is treated onsite, and discharged to the Town of Tonawanda's Wastewater Treatment Facility. Currently (since October 2002), the recovery wells are not operating so that an upwelling study may be conducted at the Site. Based on the results of this study the recovery wells may remain off or returned to service. The upwelling study is planned to be completed in late 2003.

A series of groundwater monitoring wells was installed at upgradient and downgradient locations to provide data to evaluate the effectiveness of the groundwater extraction system. The environmental monitoring system for groundwater and surface water includes the following:

- A total of seven intermediate/deep groundwater monitoring wells (two upgradient and five downgradient) to assess groundwater quality and efficiency of the groundwater extraction system;
- Nine observation wells to measure the hydraulic gradient of shallow groundwater, as it enters the shallow interceptor trenches;
- Four sumps, located in the shallow trenches, to assess the shallow groundwater quality, and to collect LNAPL, if present; and
- Three surface water sampling points to assess surface water quality.

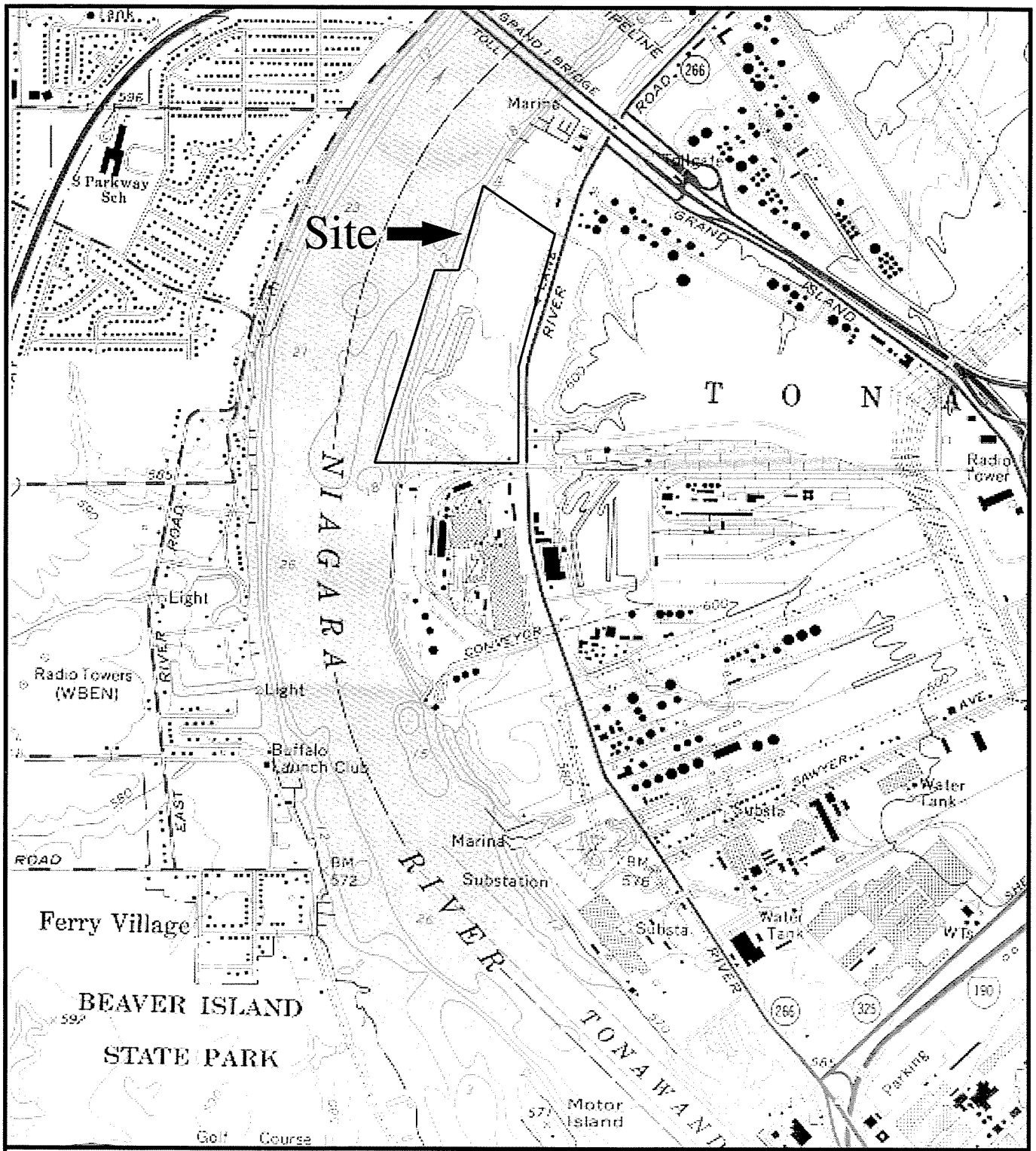
Two upgradient intermediate/deep zone monitoring wells were installed to provide representative samples of groundwater from areas expected to be outside the influence of the landfill. The five downgradient wells were designed to detect releases from the landfill during the operation of the groundwater recovery system. Sampling and analysis of groundwater from the upgradient and downgradient monitoring wells was performed quarterly for the first year of operations, but was reduced to semi-annually during the second and subsequent years, in accordance with the OM&M Manual.

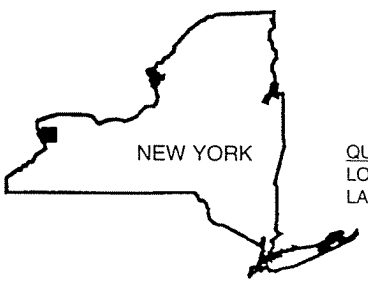
Observation wells were installed to monitor the hydraulic gradient of shallow groundwater and LNAPL as it enters the shallow collection trenches. These observation wells are hydraulically upgradient of the collection trenches, at the locations shown on Figure 1.2. They were located and constructed to provide hydraulic data needed to confirm adequate performance of the shallow collection trenches. At no time will groundwater samples for chemical analysis be collected from the shallow observation wells.

1.3 REPORT ORGANIZATION

This report has been organized into the following four sections:

- Section 1 - Introduction - Scope of work and background information.
- Section 2 - Program Methodology - contains information pertaining to the samples collected, dates collected, analyses performed, and sampling protocols followed during the sampling events. Also, this section summarizes the completion of construction activities, and annual maintenance activities performed during the year.
- Section 3 - Monitoring Summary - presents the semi-annual analytical data, monthly water level data, discussion of groundwater and surface water quality, plots of temporal changes in chemical concentrations in groundwater, and effectiveness of the recovery well and shallow extraction systems.
- Section 4 - Summary and Conclusions





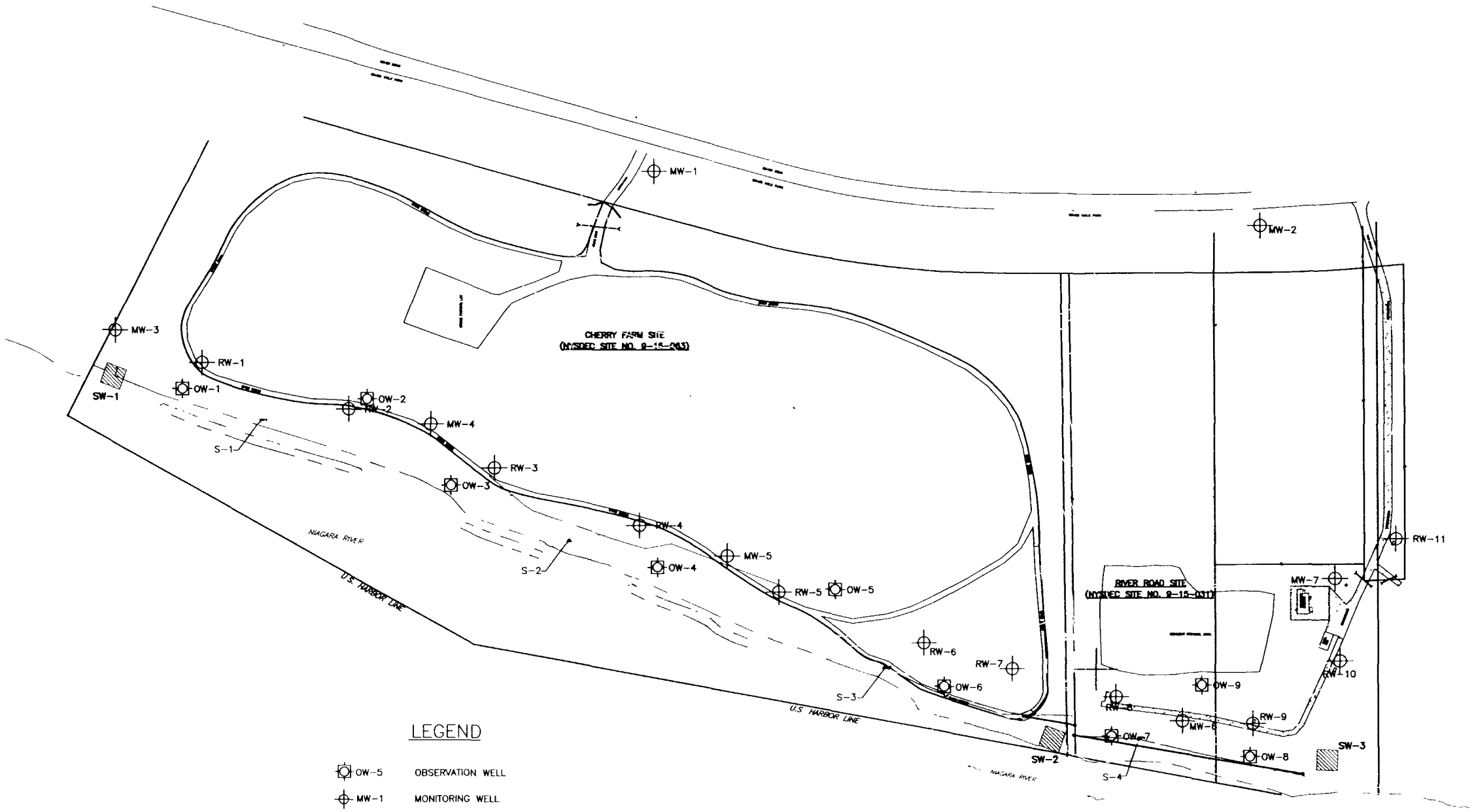
QUADRANGLE LOCATION
LONGITUDE: 78° 52' 30"
LATITUDE: 42° 52' 30"

SOURCE: U.S.G.S. 7.5 SERIES BUFFALO NW, New York-Ont (TOPOGRAPHIC), 1965

Figure 1.1

Cherry Farm/River Road Site PRP Group
Cherry Farm/River Road Site
Tonawanda, New York
SITE LOCATION MAP

PARSONS
DESIGN * RESEARCH * PLANNING
180 LAWRENCE BELL DRIVE - SUITE 104 * WILLIAMSVILLE, N.Y. 14221 * 716 / 633-7074
OFFICES IN PRINCIPAL CITIES



LEGEND

OW-5	OBSERVATION WELL
MW-1	MONITORING WELL
RW-1	RECOVERY WELL AND VAULT
	SHALLOW GROUNDWATER INTERCEPTOR TRENCH
	GROUNDWATER CONVEYANCE PIPING
575	PROPOSED FINAL GRADE INDEX CONTOUR
SW-1	SURFACE WATER SAMPLE COLLECTION AREA
	RIP-RAP

300 150 0 300 600

SCALE: 1"=300'

FIGURE 1.2

CHERRY FARM/RIVER ROAD SITE
ANNUAL GROUNDWATER MONITORING REPORT

EXTRACTION SYSTEM LOCATION MAP

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SECTION 2
PROGRAM METHODOLOGY

2.1 GROUNDWATER QUALITY MONITORING

Groundwater quality in the intermediate/deep zone was monitored at seven locations, including two upgradient and five downgradient wells. Also, four sumps located in the collection trenches were sampled to monitor shallow groundwater quality. The monitoring wells and sumps were sampled semi-annually as follows:

- First Round – June 17, 18, and 19, 2002
- Second Round – December 17, 18, and 19, 2002.

All monitoring wells and sumps were sampled during the two semi-annual monitoring events. Sample results are summarized in the analytical data tables in Section 3. Complete results, including quality assurance/quality control (QA/QC) sample results, are provided in and Appendix A. Analytical summaries of all monitoring performed to date, from 1997 through 2002, are provided in Appendix B.

The monitoring wells and sumps were sampled in accordance with the 1999 OM&M Manual. The samples were analyzed in accordance with NYSDEC Analytical Services Protocol (ASP) for TCL VOCs, TCL SVOCs, TCL pesticides/PCBs, and TAL metals. Also, associated QA/QC samples were collected during each sampling event, including one field duplicate, one matrix spike, one matrix spike duplicate, three trip blanks, and one equipment blank. All purge water and decontamination water was contained and conveyed to the onsite treatment plant.

Following collection, the samples were packed in ice and shipped via same day delivery or overnight delivery to an approved laboratory in accordance with chain-of-custody procedures. Both rounds of sample analysis were performed by O'Brien & Gere Laboratories, Inc. (OB&G) of Syracuse, New York. Sampling reports submitted by OB&G contain analytical summaries, chains-of-custody, and sampling logs.

2.2 SURFACE WATER QUALITY MONITORING

A surface water sample was collected during the current reporting period from location SW-1 during the December 2002 sampling event (Figure 1.2). SW-1 is in the northwest corner of the site, along the Niagara River. A sample was collected only if the sampling location had sufficient water. The surface water was collected directly into sample containers. When flow was minimal, surface water was collected into decontaminated glass containers and decanted into the appropriate sample containers. The surface water samples were analyzed for the same chemical parameters as the groundwater samples. Sample results are presented in Section 3 and Appendix A.

2.3 WATER LEVEL MONITORING

Monthly water level monitoring was performed to evaluate whether pumping from the extraction wells and the shallow trench was producing adequate hydraulic gradients. In addition to the water level measurements, the characteristics of LNAPL, if present, were described, and the thickness measured. An electronic water level indicator was used to measure levels, with an accuracy of approximately 0.01 feet.

Groundwater levels were collected at each of the following locations:

- Seven groundwater monitoring wells (MW-1 through MW-7);
- Nine observations wells (OW-1 through OW-9);
- Four sumps (S-1 through S-4); and
- Eleven extraction wells (RW-1 through RW-11).

The database of water level measurements collected during the year is summarized in Table 2.1.

2.4 ANNUAL SITE MAINTENANCE

Remedial construction was concluded in July 1999, and the required quarterly site inspections began in September 1999. During this reporting period, quarterly site inspections were conducted on February 19, May 21, August 1, and November 13, 2002. Any items requiring attention were addressed. These items included the following list:

- During the February 2002 site inspection, no problems were identified. No damage to the fencing, access gates, signage, roads, treatment building, or exterior lighting at the treatment building was observed. No problems with the vegetative cover, settlement, erosion, drainage controls, or dumping were observed. No damage to the monitoring, recovery, or observation wells or to the sumps was observed.
- During the May 2002 site inspection, eroded soil was noted in seven areas: the sloped area on the northeast side of the Site, on the southwestern corner of the River Road Site approximately 150 feet south of RW-9; two locations in the low drainage area between the River Road and Cherry Farm Sites; one location east of RW-7; one location just northeast of OW-6; one location approximately 125 feet north of RW-6; and one location approximately 400 feet northwest of MW-7. Soil was subsequently replaced in these areas, and the areas were re-seeded.
- Also during the May 2002 site inspection, animal burrows were noted in seven locations: one at approximately 150 feet north and one at approximately 600 feet north of the north site entrance; two locations at the northern edge of the Site, approximately centrally located; two south of the northern site entrance at distances of 450 feet and 700 feet along the access road; and one on the eastern side of the Site approximately 75 feet east of RW-5. No animal control measures, such as trapping, were used during the year.

- Additionally, during the May 2002 site inspection, the site warning signs and access roads were noted to require action. This deficiency was addressed within one month of the inspection.

- During the August 2002 site inspection, no animal burrows were noted, possibly because tall grass cover was obscuring visibility. Erosion was observed in three locations: approximately 50 feet north of OW-6; the southern edge of the Site approximately 100 feet inside the southern entrance gate to the site (near the concrete production facility); and between the River Road and Cherry Farm Sites, in the drainage swale due north of RW-6 and south of RW-7.

- In September 2002 a subcontractor repaired erosion that had taken place between the River Road and Cherry Farm Sites. Additionally, boulders were placed to prevent driving on the steeper slopes of the site and gravel was placed on the access road to level several low areas.

- The NYSDEC was present for the November 2002 site inspection. During the inspection, three animal burrows were noted. Two of the animal burrows were north and one was south of the northern site entrance. All three were near the wetland areas, but not within limits of the waste. Erosion was noted in one area, approximately 50 feet northeast of OW-6.

- Over the last approximately year and a half, slight erosion has been observed of some of the smaller gravel, on the river side, on the second barrier island from the north. The erosion has worn down to the larger rocks, used to establish the barrier islands. The degree of erosion does not appear to be progressing.

As part of the maintenance activities, the wooded upland and wetland habitats were inspected routinely. In general, the constructed shoreline vegetation is continuing to grow and propagate, and wildlife usage of the created habitats is readily apparent. A detailed wildlife and habitat report was completed in accordance with the US Army Corps of Engineers permit (Appendix C).

2.5 GROUNDWATER TREATMENT SYSTEM MAINTENANCE

Maintenance was performed on various components of the groundwater treatment system throughout the year. The maintenance operations were either scheduled preventive maintenance, or were required due to breakdowns or malfunctions. Certain maintenance operations resulted in down time for one or more components of the groundwater treatment system. The primary non-routine maintenance operations performed between January 1 and December 31, 2002 are summarized in Table 2.2. The most notable maintenance activity was the power flushing of several of the recovery wells and water conveyance lines from the wells and sumps to the treatment plant with high pressure water to remove any impedances to flow.

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	Original ELEV. TOC	8/8/1997 ELEV. (FEET)	8/19/1997 ELEV. (FEET)	8/20/1997 ELEV. (FEET)	8/21/1997 ELEV. (FEET)	8/22/1997 ELEV. (FEET)	8/25/1997 ELEV. (FEET)	9/4/1997 ELEV. (FEET)	9/12/1997 ELEV. (FEET)	10/3/1997 ELEV. (FEET)	10/13/1997 ELEV. (FEET)
MW-1	577.68	566.13	566.10	566.07	566.28	566.45	566.18	565.90	565.94	566.30	566.18
MW-2	578.76	565.99	565.85	565.82	566.10	566.32	565.93	565.56	565.67	565.99	565.78
MW-3	571.16	565.58	565.56	565.41	565.80	565.93	565.62	565.24	565.49	565.82	565.59
MW-4	583.83	566.07	565.96	565.79	565.01		565.70	565.58	565.58	565.98	565.89
MW-5	584.14	565.79	565.64	565.08	565.31	565.35	565.12	564.96	565.09	565.54	565.40
MW-6	585.70	565.75	565.63	565.02	565.31	565.41	565.09	565.02	565.00	565.58	565.01
MW-7	586.40	566.10	566.00	565.36	565.49	565.69	565.38	565.31	565.28	566.05	565.50
OW-1	573.63	565.58	565.42	565.25	565.58	565.65	565.33	565.03	565.19	565.48	565.34
OW-2	584.14	568.62	567.56	568.66	568.69	568.66	568.66	568.54	568.53	568.57	568.59
OW-3	576.25	565.66	565.60	565.53	565.46	565.57	565.55	565.37	565.14	565.55	565.45
OW-4	572.21	565.66	565.56	565.51	565.72	565.81	565.57	565.26	564.86	565.60	565.44
OW-5	584.16	568.24	568.12	568.29	568.40	568.28	568.04	567.94	567.91	567.80	567.76
OW-6	572.12	566.07	566.02	565.93	565.94	565.90	565.82	565.64	565.63	565.97	565.85
OW-7	574.84	566.10	566.05	565.92	565.96	565.87	565.74	565.54	565.56	566.03	565.79
OW-8	571.31	565.94	565.89	565.81	562.89	565.93	565.70	565.51	565.51	565.87	565.71
OW-9	588.32	566.90	566.86	566.86	566.82	566.81	566.84	566.72	566.70	566.82	566.90
S-1	571.84	563.04	565.78	564.80	564.17	563.95	563.74	563.34	564.09	565.67	565.79
S-2	571.81	561.32	565.66	565.55		565.65	565.58			565.66	565.50
S-3	571.84	561.19	565.89	565.81		565.79	565.68	565.48	565.44	565.84	565.66
S-4	571.51	562.77	566.12	565.96	565.96	564.90	565.75	565.56	565.59	566.11	565.79
RW-1	581.82	565.57	565.50	559.62							
RW-2	581.82	565.91	565.83	559.64							
RW-3	582.30	565.93	565.82	565.64							
RW-4	581.83	565.88	565.74	559.58							
RW-5	582.05		565.68	559.65							
RW-6	570.76	565.87	565.71	559.74							
RW-7	570.67	565.89	565.74	559.62							
RW-8	583.83	565.91	565.76	560.69							
RW-9	583.86	565.98	565.86	559.76							
RW-10	583.28	566.19	566.07	559.73							
RW-11	581.22	566.12	566.04	560.94							
SG	568.89										

Water levels recorded in feet NGVD

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	11/21/1997 ELEV. (FEET)	12/5/1997 ELEV. (FEET)	12/24/1997 ELEV. (FEET)	1/6/1998 ELEV. (FEET)	2/2/1998 ELEV. (FEET)	2/18/1998 ELEV. (FEET)	4/1/1998 ELEV. (FEET)	4/27/1998 ELEV. (FEET)	5/27/1998 ELEV. (FEET)	6/25/1998 ELEV. (FEET)	7/31/1998 ELEV. (FEET)
MW-1	566.36	566.20	565.89	566.20	566.06	566.15	566.58	566.34	566.31	566.18	566.10
MW-2	565.63	565.92	565.58	565.96	565.95	565.94	566.40	566.19	566.07	566.07	565.85
MW-3	565.87	565.59	565.29	565.71	565.71	565.68	566.04	565.85	565.66	565.57	565.37
MW-4	565.63	565.87	565.73	563.66		565.77	565.81	565.93	565.83	565.84	565.74
MW-5	565.67	565.03	564.95	565.23	565.32	565.10	565.45	565.36	566.10	565.49	565.41
MW-6	564.86	564.98	564.67	565.27	565.36	564.90	565.40	565.60	565.32	565.42	565.22
MW-7	565.31	565.40	565.25	565.60	565.83	565.48	565.79	565.77	565.62	565.63	565.35
OW-1	565.43	565.15	564.87	565.21	565.25	565.13	565.65	565.55	565.38	565.40	565.22
OW-2	568.69	568.52	568.57	568.37	568.34	568.52	568.26	568.15	568.21	568.33	568.10
OW-3	565.56	565.25	565.18	565.45	565.67	565.33	565.70	565.62	565.65	565.34	565.70
OW-4	565.54	565.28	565.14	565.45	565.59	565.31	565.76	565.73	565.61	565.41	565.68
OW-5	567.41	567.41	567.10	567.06	567.05	567.24	567.00	566.74	566.83	566.77	566.63
OW-6	566.03	565.82	565.76	566.15	566.42	566.09	566.30	566.11	565.90	565.56	565.87
OW-7	565.88	565.92	565.80	566.33	566.61	566.34	566.54	566.26	565.86	565.58	565.89
OW-8	565.72	565.78	565.71	566.04	566.16	566.00	566.09	565.97	565.60	565.57	565.54
OW-9	567.24	567.70	567.40	567.60	567.96	567.84	568.00	567.76	567.20	566.77	
S-1	564.87	564.04	563.77	565.44	565.39	564.16	566.00	565.85	565.84	564.28	564.52
S-2	565.61	565.30	565.20	565.53	565.74	565.43	565.80	565.71	565.67	565.41	565.73
S-3	565.88	565.56	565.51	565.96	566.21	565.81	566.09	565.90	565.74	565.37	565.83
S-4	565.86	565.94	565.83	566.41	566.95	566.72	566.59	566.23	565.68	565.72	565.88
RW-1	565.69	559.65	559.65	560.64	565.54	562.40	560.31	560.51	560.62	560.29	560.54
RW-2	565.97	559.72	560.45	559.87	559.97	560.50	560.21	559.78	559.89	560.45	560.27
RW-3	572.00	559.67	559.60	562.53	560.34	560.01	559.62	560.20	560.18	560.06	559.65
RW-4	562.77	554.06	553.38	553.37	560.32	553.53	553.36	559.88	560.71	559.88	560.02
RW-5	565.66	544.38	559.61	559.77	560.35	560.58	548.07	559.78	560.54	563.68	560.03
RW-6	565.55	560.71	559.83	560.62	559.86	560.30	560.36	560.57	560.21	562.71	560.34
RW-7	565.76	560.12	559.61	560.20	559.88	559.82	560.27	560.02	560.44	565.41	560.62
RW-8	561.44	561.32	560.74	565.36	565.43	561.57	561.15	561.20	561.23	565.43	565.38
RW-9	559.81	560.50	560.28	565.41	565.49	560.28	562.11	565.74	565.46	565.62	565.36
RW-10	559.81	559.89	559.76	559.78	560.83	560.46	560.30	560.25	560.02	565.73	559.92
RW-11	560.27	560.98	561.13	560.27	560.39	561.13	560.94	560.09	560.64	563.38	
SG											

Water levels recorded in feet NGVD

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	8/27/1998 ELEV. (FEET)	9/28/1998 ELEV. (FEET)	10/21/1998 ELEV. (FEET)	11/23/1998 ELEV. (FEET)	12/29/1998 ELEV. (FEET)	1/28/1999 ELEV. (FEET)	2/22/1999 ELEV. (FEET)	3/29/1999 ELEV. (FEET)	4/19/1999 ELEV. (FEET)	5/28/1999 ELEV. (FEET)	6/25/1999 ELEV. (FEET)
MW-1	566.03	565.93	565.73	565.27	565.05	565.35	565.03	565.36	565.51	565.60	565.20
MW-2	565.92	565.80	565.65	565.09	564.81	565.01	564.87	565.01	565.20	565.33	564.95
MW-3	565.26	565.20	565.08	564.70	564.11	564.70	564.47	564.66	565.19	565.04	564.70
MW-4	565.65	565.65	565.38	564.96	564.53	564.76	564.71	564.99	565.12	565.25	564.91
MW-5	565.66	565.54	565.22	564.78	564.40	564.43	564.35	564.53	564.64	564.87	564.63
MW-6	565.77	565.38	565.40	564.56	564.01	564.05	564.02	564.12	564.33	564.36	564.38
MW-7	565.99	565.62	565.40	564.70	564.27	564.67	564.64	564.66	564.79	564.76	564.62
OW-1	565.33	565.25	564.94	564.49	563.97	564.24	564.07	564.27	564.74	564.72	564.51
OW-2	568.14	568.20	568.20	568.20	568.14	567.93	567.79	568.11	567.71	567.81	567.72
OW-3	566.22	566.15	565.83	565.45	564.87	565.00	564.96	564.98	564.99	565.10	564.77
OW-4	566.30	566.05	565.80	565.33	564.74	564.92	564.87	564.93	564.97	565.08	564.76
OW-5	567.10	567.20	567.10	567.21	566.84	566.36	566.08	566.21	565.99	565.94	566.03
OW-6	567.84	567.67	567.09	566.48	565.35	565.61	565.49	565.45	565.35	565.34	565.06
OW-7	567.22	568.44	567.59	566.77	565.22	565.61	565.42	565.31	565.23	565.35	564.85
OW-8	566.62	567.39	566.08	565.95	564.88	565.15	565.05	564.95	564.99	565.00	564.50
OW-9		570.89	569.69	568.24					566.68	566.57	566.38
S-1	564.98	566.09	564.14	564.61	563.89	564.16	564.23	564.08	564.13	564.22	564.25
S-2	566.44	566.22	565.93	565.52	564.89	565.04	565.01	565.03	565.04	565.16	564.80
S-3	567.33	567.04	566.61	566.06	565.14	565.43	563.50	565.31	565.23	565.24	564.93
S-4	566.00	568.49	568.09	566.81	564.90	565.54	565.38	565.23	565.19	565.12	564.56
RW-1	560.74	559.97	556.47	564.59	554.67	546.27	546.91	551.42	564.97	556.02	564.58
RW-2	560.29	560.42	556.21	555.81	555.94	555.50	556.01	556.12	556.42	556.17	556.42
RW-3	560.71	560.11	555.75	555.53	543.98	555.87	555.59	555.79	555.63	555.79	555.78
RW-4	559.75	560.31	557.32	557.30	564.54	556.58	556.92	556.62	556.52	557.17	564.71
RW-5	559.77	560.30	556.63	544.43	556.44	556.37	544.21	544.48	544.37	556.02	544.20
RW-6	560.64	565.40	555.56	556.53	556.13	564.44	564.47	556.26	555.36	555.28	564.49
RW-7	560.30	550.87	555.70	564.95	548.55	555.72	555.77	556.60	555.71		555.84
RW-8	561.60	561.14	556.71	557.13	557.71	557.26	557.72	557.21	556.93	557.56	564.54
RW-9	566.15	559.93	565.55	556.63	564.23	556.21	556.08	556.69	556.31		564.54
RW-10	560.49	559.93	559.97	559.76	560.63	560.17	560.25	559.72	559.83	559.92	559.95
RW-11	560.90	560.15	560.48	560.01	558.10	558.45	558.36	557.99	558.27	558.25	558.45
SG											

Water levels recorded in feet NGVD

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	7/25/1999 ELEV. (FEET)	8/27/1999 ELEV. (FEET)	9/27/1999 ELEV. (FEET)	9/27/1999 ELEV. (FEET)	10/25/1999 ELEV. (FEET)	11/8/1999 ELEV. (FEET)	12/22/1999 ELEV. (FEET)	1/27/2000 ELEV. (FEET)	2/25/2000 ELEV. (FEET)	3/24/2000 ELEV. (FEET)	4/26/2000 ELEV. (FEET)
MW-1	565.47	565.48	565.27	565.27	565.46	564.95	565.13	566.02	564.96	564.92	565.13
MW-2	565.36	565.31	565.05	565.05	565.21	564.54	564.77	565.85	564.56	564.44	564.71
MW-3	564.91	565.00	564.38	564.38	565.04	564.62	564.76	565.65	564.32	564.44	564.41
MW-4	565.11	565.27	565.11	565.11	565.24	564.74	564.56	564.66	565.43	564.49	564.76
MW-5	564.84	564.90	564.75	564.75	564.90	564.18	564.31	564.62	564.07	564.09	564.21
MW-6	564.80	564.68	564.45	564.45	564.46	563.75	564.17	564.60	563.69	563.66	564.18
MW-7	564.89	564.88	564.67	564.67	564.75	564.38	564.61	564.70	564.20	564.29	564.69
OW-1	565.02	564.85	564.33	564.33	564.62	564.05	564.23	565.18	563.91	563.98	563.91
OW-2	567.91	567.78	567.74	567.74	567.57	567.55	567.66	568.33	567.56	567.66	567.51
OW-3	564.96	564.91	564.90	564.90	564.92	564.88	564.92	565.05	564.72	564.91	564.99
OW-4	565.04	564.95	564.82	564.82	564.95	564.76	564.83	565.00	564.77	564.79	564.86
OW-5	565.98	565.92	565.73	565.73	565.71	565.65	565.58	565.69	565.55	565.73	565.88
OW-6	565.21	565.16	565.08	565.08	565.18	565.23	565.24	565.55	565.00	565.23	565.27
OW-7	565.11	565.03	564.94	564.94	564.88	564.91	565.06	565.23	565.06	564.81	565.13
OW-8	564.91	564.86	564.68	564.68	564.55	564.50	564.64	564.98	564.59	564.44	564.82
OW-9	566.30	566.35	566.21	566.21	566.44	566.65	566.60	566.70	566.33	566.54	566.81
S-1	564.17	564.19	564.24	564.24	564.32	564.04	564.33	564.82	563.99	564.19	564.13
S-2	565.03	564.99	564.86	564.86	565.09	564.90	564.95	565.30	564.87	564.98	565.03
S-3	565.11	565.02	565.05	565.05	565.13	565.10	565.11	565.25	565.03	565.16	565.16
S-4	565.14	565.18	565.07	565.07	564.46	564.48	564.47	564.65	564.63	564.36	564.79
RW-1	565.01	555.92	555.47	555.47		564.34	564.47	564.16	547.15	564.22	556.18
RW-2	555.42	556.31	564.74	564.74	564.72	556.31	545.50	545.52	556.55	556.30	555.91
RW-3	545.72	565.11	564.95	564.95	555.05	555.05	545.09	545.20	554.07	554.43	559.21
RW-4	560.20	559.01	559.38	559.38	558.88	564.31	559.38	558.81	559.40	559.51	559.34
RW-5	544.34	555.51	556.09	556.09	564.74	546.10	556.30	556.74	556.05	551.64	556.40
RW-6	555.50	555.45	555.82	555.82	555.57	564.09	564.27	564.17	563.88	563.92	555.59
RW-7	555.70	555.77	557.29	557.29	546.64	555.75	555.71	556.23	556.17	543.78	556.67
RW-8	557.56	557.52	564.61	564.61	557.46	556.93	557.62	557.72	557.50	557.16	557.46
RW-9	556.61	556.56	564.57	564.57	556.81	556.54	564.35	564.56	556.18	556.76	564.42
RW-10	560.21	560.08	560.24	560.24	560.43	560.40	560.20	560.08	560.03	559.90	560.45
RW-11	557.76	557.82	557.95	557.95	558.46	557.94	558.00	558.02	557.88	557.97	558.42
SG											

Water levels recorded in feet NGVD

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	5/26/2000 ELEV. (FEET)	6/26/2000 ELEV. (FEET)	7/21/2000 ELEV. (FEET)	8/28/2000 ELEV. (FEET)	9/29/2000 ELEV. (FEET)	11/1/2000 ELEV. (FEET)	11/30/2000 ELEV. (FEET)	12/11/2000 ELEV. (FEET)	1/22/2001 ELEV. (FEET)	2/27/2001 ELEV. (FEET)	3/16/2001 ELEV. (FEET)
MW-1	565.43	565.71	565.82	565.54	565.54	565.01	564.77	564.66	564.72	565.10	564.91
MW-2	565.06	565.33	565.44	565.20	565.19	564.62	564.30	564.13	564.44	564.65	564.31
MW-3	564.87	565.41	565.48	565.12	564.74	564.32	564.44	563.77	564.13	564.26	564.20
MW-4	568.78	567.31	567.60	566.41	565.03	564.48	570.33	564.96	564.14	564.51	564.44
MW-5	564.68	565.07	565.32	565.12	564.29	564.21	563.78	563.79	563.87	564.10	564.02
MW-6	564.35	564.68	565.17	564.56	564.62	564.05	563.75	563.52	563.86	563.94	563.36
MW-7	564.93	565.28	565.62	565.01	565.07	564.45	564.05	564.11	564.29	564.58	564.27
OW-1	564.48	564.95	565.11	564.79	564.49	564.21	564.03	563.50	563.66	563.85	563.88
OW-2	567.42	567.55	567.71	567.66	567.76	567.73	567.42	567.73	567.41	567.51	574.30
OW-3	565.07	565.46	565.50	565.37	565.04	564.60	564.40	564.48	564.42	564.62	564.78
OW-4	565.06	565.48	565.48	565.31	564.94	564.38	564.02	564.38	564.23	564.54	564.61
OW-5	565.95	566.25	566.45	566.46	566.48	566.18	565.89	565.85	565.58	565.68	565.63
OW-6	565.42	565.95	565.93	565.63	565.19	564.75	564.57	564.72	564.71	565.01	565.17
OW-7	565.41	566.08	565.96	565.57	564.49	564.12	564.60	564.41	564.56	564.94	565.19
OW-8	565.00	565.27	565.28	564.98	564.30	563.97	564.38	564.17	564.39	564.80	564.77
OW-9	566.84	567.12	567.11	566.67	566.44	566.21	566.10	566.12	566.29	566.62	566.59
S-1	564.05	563.99	564.37	564.06	564.23	564.21	564.29	564.22	564.25	563.89	564.27
S-2	565.21	565.64	565.66	565.46	565.02	564.46	564.12	564.50	564.32	564.72	564.85
S-3	565.29	565.85	565.81	565.57	564.99	564.32	564.06	564.43	564.31	564.74	564.94
S-4	565.37	565.90	565.90	565.55	563.70	563.60	564.48	564.18	564.51	565.00	565.19
RW-1	556.14	565.21	565.25		548.77	564.44	565.25	555.32	546.17	547.43	564.00
RW-2	555.87	556.36	565.45		555.77	556.37	556.00	556.21	555.53	555.92	555.88
RW-3	562.47	562.62	565.48		544.08	546.24	543.83	544.96	548.00	553.85	561.20
RW-4	560.05	559.92	565.37		564.95	555.98	555.23	555.56	556.38	556.36	563.86
RW-5	555.85	555.58	565.31		544.99	544.22	545.55	544.64	544.35	553.50	559.78
RW-6	561.00	564.94	565.28		555.33	555.68	551.28	547.86	554.36	557.62	559.47
RW-7	556.39	556.43	565.30		564.83	556.37	556.57	551.12	563.97	564.16	563.77
RW-8	557.51	557.20	565.28	564.98	564.88	557.51	557.53	563.65	557.75	564.47	557.74
RW-9	556.28	556.76	565.36	562.31	564.91	564.36	563.95	563.73	564.08	556.71	556.34
RW-10	560.65	560.99	561.61	561.03	560.03	560.24	560.58	560.46	559.95	560.66	560.33
RW-11	558.51	557.86	557.90	557.80	558.13	558.44	557.78	558.37	557.52	557.61	557.54
SG				564.62	564.54	563.95	564.19	564.2	563.9	563.9	563.9

Water levels recorded in feet NGVD

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	4/20/2001 ELEV. (FEET)	5/30/2001 ELEV. (FEET)	6/18/2001 ELEV. (FEET)	8/1/2001 ELEV. (FEET)	8/24/2001 ELEV. (FEET)	9/25/2001 ELEV. (FEET)	10/22/2001 ELEV. (FEET)	12/11/2001 ELEV. (FEET)	1/23/2002 ELEV. (FEET)	2/20/2002 ELEV. (FEET)	3/28/2002 ELEV. (FEET)
MW-1	565.38	565.57	565.46	565.05	564.89	565.01	565.01	564.70	565.10	565.20	565.20
MW-2	565.01	565.15	565.07	564.83	564.63	564.86	564.68	564.26	564.65	564.85	564.80
MW-3	564.95	565.14	564.95	564.15	564.13	564.11	564.40	563.85	564.12	564.41	564.27
MW-4	564.83	565.00	564.96	564.61	564.31	564.32	571.56	569.38	575.33	567.81	567.32
MW-5	564.52	564.72	564.77	564.59	564.34	564.47	564.37	563.91	564.26	564.47	564.43
MW-6	564.29	564.45	564.49	564.38	564.23	564.27	564.05	563.78	563.89	564.06	564.14
MW-7	564.80	564.96	564.93	564.64	564.59	564.51	564.48	564.34	564.66	564.97	564.80
OW-1	564.53	564.73	564.64	564.03	563.96	564.10	564.04	563.53	563.86	564.08	563.96
OW-2	567.54	567.55	567.37	567.43	569.47	567.48	569.03	568.96	568.93	567.85	567.73
OW-3	564.83	565.04	565.09	564.58	564.54	564.46	564.80	564.80	565.10	565.41	565.39
OW-4	564.70	565.01	565.06	564.48	564.53	564.49	564.71	564.68	565.00	565.23	565.27
OW-5	565.92	565.91	566.02	566.00	565.92	565.84	565.64	565.51	566.15	566.47	566.46
OW-6	565.17	565.47	565.45	564.83	564.86	564.78	565.07	565.11	565.58	565.98	565.90
OW-7	565.11	565.46	565.46	564.72	564.67	564.54	564.97	564.93	565.61	566.13	565.97
OW-8	564.82	564.91	564.86	564.50	564.40	564.33	564.52	564.39	564.85	565.29	565.13
OW-9	566.67	566.65	566.54	566.20	566.15	565.95	566.26	566.42	566.94	567.40	567.05
S-1	564.16	564.19	564.28	564.31	564.57	564.58	565.28	563.63	563.89	563.94	564.12
S-2	564.87	565.25	565.26	564.64	564.66	564.58	564.90	564.90	565.24	565.50	565.51
S-3	564.93	565.38	565.37	564.55	564.71	564.57	564.93	564.99	565.44	565.86	565.81
S-4	565.05	565.43	565.63	564.95	564.92	564.80	565.06	564.79	565.35	566.12	565.87
RW-1	564.77	565.11	564.87	548.60	554.78	549.31	548.70	545.97	547.37	555.04	547.71
RW-2	555.75	566.67	556.37	556.13	564.32	556.51	556.39	556.32	556.25	556.21	555.50
RW-3	553.16	551.74	551.72	553.69	547.17	550.11	559.65	548.19	550.35	552.05	553.28
RW-4	556.43	556.35	556.06	564.57	555.50	555.48	564.37	555.67	564.28	555.89	564.38
RW-5	560.23	561.04	561.54	561.47	559.10	558.05	557.15	556.56	564.30	564.57	558.24
RW-6	560.52	564.68	564.70	555.99	564.36	556.46	556.05	555.41	562.47	563.28	563.15
RW-7	552.32	556.12	555.79	556.24	564.38	555.68	555.75	563.92	555.92	555.77	556.17
RW-8	564.97	556.98	565.37	564.50	557.42	564.45	564.28	557.38	557.13	557.76	556.80
RW-9	556.44	555.85	556.82	564.54	564.41	556.63	556.60	564.09	556.71	556.79	556.95
RW-10	560.52	560.82	560.54	560.64	564.54	559.95	560.25	560.73	560.23	560.40	560.08
RW-11	557.57	558.32	558.46	558.15	557.69	557.86	557.73	557.67	558.00	557.63	558.10
SG	564.3	563.9	564.5	564.43	564.24	564.51	564.19	563.89	563.89	563.89	563.89

Water levels recorded in feet NGVD

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	4/24/2002 ELEV. (FEET)	5/23/2002 ELEV. (FEET)	6/17/2002 ELEV. (FEET)	7/25/2002 ELEV. (FEET)	8/20/2002 ELEV. (FEET)	9/18/2002 ELEV. (FEET)	10/18/2002 ELEV. (FEET)	11/22/2002 ELEV. (FEET)	12/16/2002 ELEV. (FEET)
MW-1	565.61	565.81	565.78	565.23	565.40	565.24	565.28	564.88	565.02
MW-2	565.28	565.51	565.50	564.96	565.19	565.14	565.11	564.46	564.51
MW-3	564.65	564.87	564.95	564.27	564.35	564.21	564.92	564.55	564.61
MW-4	565.28	565.19	565.02	564.58	564.81	564.71	565.07	564.78	564.78
MW-5	564.89	565.10	565.04	564.58	564.83	564.62	564.91	564.13	564.10
MW-6	564.74	564.83	564.89	564.48	564.68	564.48	564.68	563.89	563.85
MW-7	565.50	565.67	565.46	564.85	565.05	564.90	564.95	564.39	564.51
OW-1	564.35	564.81	564.70	566.21	564.35	564.32	564.77	564.12	564.08
OW-2	568.77	567.97	568.08	567.94	567.84	567.92	569.02	568.05	567.72
OW-3	565.78	565.88	565.67	565.42	565.38	565.17	564.99	565.00	564.56
OW-4	565.60	565.68	565.58	565.27	565.29	565.13	564.97	564.77	564.59
OW-5	566.76	567.01	566.86	566.75	566.77	566.59	566.37	566.32	566.16
OW-6	566.40	566.55	566.24	565.72	565.64	565.39	565.23	565.37	565.39
OW-7	566.53	566.77	566.37	565.82	565.63	565.36	565.31	565.02	565.22
OW-8	565.54	565.76	565.44	564.91	565.01	564.73	564.67	564.61	564.73
OW-9	567.55	567.84	567.25	566.64	566.45	566.25	566.15	566.38	566.57
S-1	566.02	565.99	565.69	565.65	565.69	565.92	565.89	563.89	564.19
S-2	565.92	565.98	565.80	565.48		565.21	565.06	564.84	564.71
S-3	566.30	566.42	566.16	565.73	565.57	565.30	565.15	565.28	565.32
S-4	566.44	566.79	566.28	565.80	565.53	565.25	565.09	564.57	564.51
RW-1	549.43	550.57	555.57	548.11	547.52	547.60	564.71	569.97	572.90
RW-2	556.35	555.42	556.47	555.83	555.32	564.47	564.92	565.76	566.86
RW-3	556.20	553.03	552.20	551.02	550.10	548.41	564.95	569.25	564.91
RW-4	565.28	565.08	555.98	555.86	564.79	555.48	564.82	564.42	564.42
RW-5	558.50	559.90	559.52	554.85	554.44	546.90	564.76	565.90	564.38
RW-6	555.96	556.64	555.95	559.69	555.81	556.15	564.65	564.51	564.41
RW-7	556.24	556.36	555.72	555.72	555.88	555.89	564.69	566.46	564.26
RW-8	564.88	557.07	564.78	564.65	564.84	564.71	564.78	564.31	564.18
RW-9	565.05	555.94	556.15	555.76	555.45	556.22	564.85	564.64	565.12
RW-10	565.39	565.43	565.35	561.93	565.13	564.79	564.82	564.47	564.60
RW-11	565.84	558.41	565.61	558.71	558.11	557.67	564.85	564.67	564.85
SG	564.29	564.54	564.54	564.54	564.54	564.69	564.54	563.89	563.89

* note that depth to water data collected from RW-1 on 10/18/02, 11/22/02, and 12/16/02 and RW-2 11/22/02 is questionable.

Water levels recorded in feet NGVD

Table 2.2

Cherry Farm/River Road O&M

Non-routine Maintenance Items for 2002

Date	Non-routine Maintenance Item
February 2002	Replaced check valve on caustic pump.
February 2002	Repaired piping above the caustic pump.
March 2002	Repaired caustic feed line elbow, clearwell jet tubing, and acid flex lines.
April 2002	Installed impellers on both clearwell pumps.
April 2002	Treated RW-6 with acid to remove blockage.
April 2002	Replaced corroded wiring in RW-5.
May 2002	Distributed siltation layer on first carbon vessel to prolong vessel life.
May 2002	Treated RW-6 with acid to improve flow.
July 2002	Replaced motor starter in RW-10.
July 2002	Repaired caustic line break; replace the line with HDPE piping.
August 2002	Installed capacitors in wells RW-1, RW-6, and RW-10.
August 2002	Repaired seal in caustic pump.
August 2002	Conducted acid cleaning on RW-6.
September 2002	Life Sciences Laboratories was selected to conduct treatment plant effluent analytical work, replacing Lozier Laboratory.
October 2002	Shut down all eleven extraction wells, adjusted pump cycle time, pH probe tolerance factor, etc., following shutdown.
October 2002	Cleaned and flushed discharge piping in shallow and deep extraction systems using a high volume pump. Removed deep extraction well pumps and piping and shut-down all deep extraction wells.
November 2002	Supervised manufacturer's calibration of Isco ultra-sonic flow meter.
December 2002	Replaced carbon in both vessels, had old carbon properly shipped and disposed.

SECTION 3
MONITORING SUMMARY

3.1 GROUNDWATER QUALITY

Semi-annual sampling included the collection of groundwater samples from monitoring wells to assess intermediate/deep groundwater quality; and from the sumps located in the shallow collection trenches, to assess shallow groundwater quality. Groundwater samples were collected from seven groundwater monitoring wells (MW-1 through MW-7) and four sumps (S-1 through S-4).

The groundwater data are summarized in Tables 3.1 and Table 3.2. Sample results were compared to NYSDEC Class GA Groundwater Standards or Guidance values. Complete sampling results for the current reporting period are presented in Appendix A. Summary tables of all samples collected to date are contained in Appendix B, and are arranged by sampling point to facilitate comparison of concentrations at each sampling point over time.

In general, impacts from the Site on groundwater quality in the intermediate/deep zone were relatively minor. Concentrations of organic compounds were low, below groundwater standards in most samples. Metals concentrations exceeded groundwater standards in some samples, but were higher in MW-2 (a background well) for most metals.

Shallow groundwater quality, as expected, showed greater impacts from the Site than the intermediate/deep zone samples. However, the most notable impacts were observed in sump S-1, likely due to the measurable thickness of LNAPL throughout the reporting period.

3.1.1 Intermediate/Deep Groundwater Quality

Fewer VOCs were detected during the January to December 2002 sampling rounds than in previous sampling events, and detected compounds were similar to slightly less in concentration. During this reporting period (January through December 2002), a total of four VOCs were detected in the intermediate/deep monitoring well samples, above groundwater standards: benzene, toluene, ethylbenzene, and xylene (BTEX). Of the seven wells monitored, VOC concentrations were above the standards only in MW-5. Concentrations of benzene (standard = 1 ug/L) varied from below the analytical detection limits to 86 ug/L (micrograms per liter). Concentrations of both toluene and ethylbenzene only exceeded the groundwater standards during the June sampling event. Concentrations of both toluene and ethylbenzene in June were estimated at 7 ug/L in MW-5 (2 ug/L higher than the groundwater standard of 5 ug/L for each compound). Toluene and ethylbenzene were estimated at 5 ug/L and 4 ug/L, respectively, in the December sampling event. Xylene exceeded the groundwater standard of 5 ug/L in the June (31 ug/L) and the December 2002 (17 ug/L) data.

Concentrations were generally similar to previous rounds, in the sampling events in this reporting period, with the exception of the December sample from MW-7. The number of

compounds exceeding groundwater standards increased by five from the last reporting period. A total of eleven SVOCs were detected above groundwater standards or guidance values during the June and December 2002 sampling rounds in MW-5 and/or MW-7. An unexpected increase in the concentration of several SVOCs in MW-7 was encountered during the December sample analysis. Past analytical data had not indicated elevated levels of SVOCs in this well. Future sampling will indicate if the increased concentrations of SVOCs is a laboratory or sampling methodology artifact or an actual increase in the groundwater SVOC concentrations. Benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3 cd)pyrene each have a guidance value of 0.002 ug/L. Each of these compounds were below the analytical detection limits in all of the samples except the December 2002 sample from MW-7 (9, 14, 4, 7, and 4 ug/L, respectively). 2,4-dimethylphenol has a groundwater standard of 1 ug/l, and was identified above the standard in MW-5 in the samples collected in June (16 ug/L) and December (13 ug/L), and in MW-7 in the sample collected in December (6 ug/L). Bis(2-ethylhexyl)phthalate was identified above the groundwater standard in the December sample from MW-7 (11 ug/L). 2-methylphenol, 4-methylphenol, and phenol each have a groundwater standard of 1 ug/L. 2-methylphenol was estimated in both the June and December 2002 sampling events at 2 ug/L in the samples from MW-5 and at 1 ug/L in the December sample from MW-7. 4-methylphenol was estimated in both the June and December at 4 ug/L in the samples from MW-5 and at 3 ug/L in the December sample from MW-7. Phenol was identified in both the June (10 ug/L) and December (4 ug/L) samples from MW-5. Naphthalene has a guidance value of 10 ug/L and was found at 13 ug/L in the December sample from MW-5.

No PCBs were detected in any monitoring wells during the two sampling events from the current reporting period.

The number of pesticides exceeding the groundwater standards decreased by one from the previous reporting period. A total of four pesticides were detected, of which one (aldrin), exceeded groundwater standards. Aldrin has a groundwater standard that is the analytical detection limit and therefore, any detection of aldrin exceeds the standard considered. Aldrin exceeded the groundwater standard in the June 2002 sampling round in MW-1 (0.0081 ug/L), MW-2 (0.0018 ug/L), MW-4 (0.024 ug/L), MW-5 (0.044 ug/L), MW-6 (0.012 ug/L), and MW-7 (0.011 ug/L). Aldrin was not identified above the detection limits in any of the groundwater samples collected in December of 2002. The concentrations of detected compounds were similar to slightly lower compared to previous sampling events.

The total number of metals with concentrations exceeding groundwater standards during this reporting period was the same as in the previous reporting period. The total number of detected metals was two less than the previous reporting period. Generally, metals concentrations were similar compared to previous analytical results.

Concentrations for eight TAL metals exceeded groundwater guidance values or standards in the intermediate/deep groundwater samples. The highest concentrations of TAL metals were generally detected in the background well, MW-2. Arsenic exceeded the groundwater standard in both of the background wells, MW-1 and MW-2 (June and December rounds), with the

highest concentrations found in MW-2. Barium exceeded the groundwater standard of 1,000 ug/L in the December sample from MW-1 (1,170 ug/L). Chromium exceeded groundwater standards only in MW-2 (both June and December rounds). All groundwater analytical results exceeded the groundwater standards for iron with the highest concentrations found in MW-2. Lead was found above the groundwater standard only in MW-2, in both rounds of sampling. Magnesium exceeded the groundwater guidance value in wells MW-1, MW-2, and MW-6 in both the June and December rounds of sampling. The highest magnesium concentrations were found in MW-2. Manganese exceeded the groundwater standard in each groundwater sample except for the June sample from MW-7, and the June and December samples from MW-5. The highest manganese concentrations were identified in MW-6 in samples from both rounds. Sodium exceeded groundwater standards in all of the wells except for MW-2 (both rounds).

3.1.2 Shallow Groundwater Quality

Detected concentrations were generally found at similar to slightly lower concentrations. In the current and previous reporting period, no VOCs exceeded standards or guidance values. A total of eight VOCs were detected in shallow groundwater from the four sumps installed in the extraction trench (see Table 3.2). Groundwater standards and guidance values were not exceeded in any of the samples. Comparing the VOC analytical results from the current reporting period with the previous period, eight compounds were detected in each reporting period.

The 2002 shallow groundwater (sump) sampling analytical results indicated that one additional SVOC (excluding PAHs) was detected above the groundwater standards compared to the analytical results of the last reporting period. Concentrations of the detected compounds were similar. The analytical results from the current reporting period indicated a total of five SVOCs (excluding PAHs) detected at concentrations exceeding groundwater standards for one or more samples. 2-methylphenol and 4-methylphenol exceeded the groundwater standard of 1 ug/L in S-2 and S-3 during the June 2002 sampling event, and 4-methylphenol exceeded the standard at S-1 during June. Detected concentrations of 2,4-dimethylphenol (standard of 1 ug/L) ranged from 1 to 26 ug/L, with the exceedences occurring in the June samples from S-1, S-2, and S-3. Bis(2-ethylhexyl)phthalate exceeded the groundwater standard (5 ug/L) in S-1 (32 ug/L) in the June sampling round. 4-chloro-3-methylphenol exceeded the standard (1 ug/L) in the December sample from S-4 (2 ug/L).

One additional PAH detection exceeding groundwater standards was identified, as compared to the previous reporting period. Similar to slightly lower concentrations than in the previous reporting period were observed. Eight PAHs were detected in concentrations above groundwater standards. Sump S-1 contained the greatest number of PAHs, and at the greatest concentrations for all detected PAHs.

The number of detections exceeding groundwater standards during the current period increased from nine during the prior sampling results to eleven during the current reporting period. A total of eleven pesticides were detected at concentrations above groundwater standards. Concentrations of detected pesticides were low, and in most cases were estimated below the detection limits. The greatest number of pesticides exceeding standards (10) occurred in S-1. Only three pesticides exceeded standards in S-2, S-3, or S-4. Aldrin exceeded standards

at S-2, S-3, and S-4 in the June sampling event. Dieldrin and gamma-chlordane exceeded standards at S-3 during the December sampling event.

The concentrations of PCBs during this reporting period were generally similar to the previous reporting period sample results, with the exception of the December 2002 results from S-3. The two PCBs that exceeded the groundwater standards in S-3 had not previously been detected in S-3. Future analytical results will determine if the December analytical results from S-3 are representative, or an analytical anomaly, as is expected. During the current reporting period, PCBs were detected at concentrations above groundwater standards in S-1 during both sampling events. PCBs also exceeded standards in S-3 during the December sampling event. PCBs were below the analytical detection limits in the groundwater samples from Sumps 2 and 4. In the past, PCBs had also been detected in Sumps 2 and 4 at concentrations exceeding the groundwater standards.

The number of metals detected above standards (4) during this reporting period was less than in the previous reporting period. During the current reporting period, a total of four metals were detected at concentrations exceeding groundwater standards. Concentrations of sodium were detected above the standard in both rounds, in all samples, except for the December sample from S-4. The groundwater standard for antimony (3 ug/L) was slightly exceeded in the June sample from S-2 (3.9 ug/L) and in the December sample from S-3 (3.8 ug/L). Iron exceeded the groundwater standard (300 ug/L) in both rounds of samples from S-1 and S-4 and in the June round of sampling from S-2. Manganese exceeded standards in both June and December at S-1 and in June at S-4.

3.1.3 Surface Water Quality

During the current reporting period, a single surface water sample was collected at SW-1 in December 2002. SW-1 is in the northeast corner of the site, on the Niagara River. Two VOCs (acetone, at 2 ug/L and methylene chloride at 0.8 ug/L) were detected above the groundwater standard. Blank contamination was present in both of these samples. No SVOCs, pesticides, or PCBs were detected during this reporting period.

Two metals (aluminum and magnesium) were detected above groundwater standards. Concentrations appear of metals appear to be similar to the previous reporting period.

Samples were not collected at SW-2 and SW-3 during the December sampling event and samples were not collected at any of the three locations during the June sampling event, due to absence of water.

3.2 EFFECTIVENESS OF THE EXTRACTION WELL SYSTEM

The intermediate/deep groundwater extraction system achieved the objective of preventing offsite migration to adjoining properties and to the Niagara River. A groundwater upwelling study is currently in progress. The study required the shut-down of the recovery system on October 14, 2002. The objective of the study is to evaluate the potential for discharge of chemicals of concern to the Niagara River with the recovery system off. This study is planned to

be completed in October of 2003. This section discusses the effectiveness of the system, and presents water level and operational field data supporting this conclusion.

3.2.1 System Description

The intermediate/deep groundwater extraction system consists of 11 extraction wells, with screens penetrating the intermediate/deep zone. The purpose of the extraction system is to prevent migration of intermediate/deep groundwater to adjoining properties and the Niagara River. Screen lengths vary from approximately 15 to 20 feet. Screen bottom elevations range from 534 to 547 National Geodetic Vertical Datum (NGVD), and screen top elevations range from 550 to 557 NGVD. Details concerning the extraction system are provided in the Parsons October 1999 Cherry Farm/River Road Construction Certification Report.

The water level in each extraction well was designed to be maintained at an elevation of approximately 560 to 561 feet NGVD by conductivity water level sensors. Following the review of the Parsons 1998 Annual Post-Construction Groundwater Monitoring Report, the NYSDEC requested that drawdown be increased in certain areas adjacent to the river. To increase drawdown and capture zone areas adjacent to the river, the water level sensors were lowered by approximately four feet in RW-1 through RW-9 on October 19, 1998.

The combined average pumping rate from the 11 wells during this reporting period was approximately 11.5 gallons per minute (gpm). This average rate includes the time periods that the pumps were not operating due to system or pump maintenance and repairs. A groundwater conveyance system transported collected groundwater from the wells to an onsite groundwater treatment plant, with final discharge to the Town of Tonawanda sewer system.

As mentioned above, the system has been shut down since October 14, 2002 and is planned to remain off through at least February 2004, pending the outcome of a river/groundwater upwelling study. The upwelling study is scheduled to be completed in October of 2003, with subsequent reporting and recommendations provided in the 2003 Annual Report. If the study provides convincing evidence that intermediate/deep groundwater is not impacting the Niagara River, the system will remain off permanently.

3.2.2 System Effectiveness

Pre-extraction water levels of all extraction and monitoring wells indicated a relatively flat hydraulic gradient, with less than a one-foot drop in water levels from the east side to the west side of the Site, over a distance of 1,000 feet. Water level contours parallel the river shoreline, indicating that groundwater flows directly to the river. A staff gauge was installed in the river in August 2000 to measure river levels concurrently with groundwater levels. Based on staff gauge data, the river elevation has varied from approximately 563.9 to 564.7 feet above sea level between August 2000 and December 2002. The flat gradient between the eastern portion of the Site and the river is conducive to creating a capture zone, because even relatively small amounts of drawdown near the river are sufficient to alter the natural gradient, preventing offsite migration of groundwater in this zone.

Water level contour maps were constructed from four representative measurement events during the reporting period to show hydraulic gradients, particularly within the western half of the Site, adjacent to the river (Figures 3.1 through 3.4). Sufficient drawdown was maintained throughout the period (prior to extraction system shutdown in October 2002) to create a barrier to offsite migration of groundwater, but the capture zones and gradients from the river towards the recovery wells were marginal in some areas at particular times due to maintenance problems with one or two recovery wells. Figure 3.4 depicts the water elevations after the recovery wells had been shut off for approximately two months.

Figures 3.5a through 3.5c show water levels of the extraction wells through time. Water level data for the extraction wells, monitoring wells, sumps, and observation wells are presented in Table 2.1. Water levels in the extraction wells, on average, were being maintained at an elevation between 556 and 557 feet NGVD, between nine to ten feet below the pre-extraction water levels measured on August 8, 1997. Occasionally, water levels deviated from these elevations due to maintenance of the pumps, lines, or groundwater treatment facility; or due to mechanical failures associated with the pumps, conductivity sensor malfunction, or electrical outages, as indicated in Table 2.2. Water levels returned to static levels after the system was shut down in October of 2002.

Monitoring well hydrographs, presented on Figures 3.6a, 3.6b, and 3.6c provide further evidence that the recovery wells were producing drawdown in the surrounding formation. Following the lowering of the water levels within the recovery wells in October 1998, water levels showed a distinct decline and generally remained below the original design water levels (until October of 2002, when the system was shut down).

3.3 EFFECTIVENESS OF THE SHALLOW COLLECTION TRENCH

3.3.1 System Description

The shallow collection trench consists of a series of four shallow trenches filled with a granular drainage material (silica filter sand), and lined with an impermeable geomembrane on the downgradient (river side) trench wall. The system was designed as a groundwater sink to capture shallow groundwater and LNAPL. Four sumps, located within the trenches, pump groundwater into a conveyance pipeline. This pipeline then conveys the water to an oil-water separator at the onsite treatment plant. The sumps were pumped at a rate of approximately 3 gpm each, or a total of 12 gpm, and are continuing to operate.

Eleven observation wells were installed to monitor groundwater elevations and hydraulic gradients in the vicinity of the trenches. Six observation wells (OW-1, OW-3, OW-4, OW-6, OW-7, and OW-8) were installed adjacent to the trench system on the upgradient side. Observation wells OW-2 and OW-5 were installed further upgradient, at 14 feet (elevation) above the trenches. OW-9 was installed 15 feet above the trenches, adjacent to the former sediment disposal area (SDA).

3.3.2 System Effectiveness

The shallow collection trench system is operating as planned, with flow rates very close to those predicted during the design phase. No surface overflows were observed from the trench during the reporting period. Hydraulic gradients from east to west were maintained between the Site and the trench, as designed, resulting in continuous groundwater flow into the collection trench.

Figures 3.7 and 3.8 provide hydrographs of the sumps and shallow observation wells, respectively. The water levels in a majority of the observation wells were within one foot of each other, and responded similarly to fluctuations in water levels from precipitation and seasonal variations. Water levels in OW-2, OW-5, and OW-9 were measurably higher than the sump levels and the observation wells adjacent to the trench, as expected, due to their higher elevations. As mentioned in the 1999 Annual Report, OW-6, OW-7, OW-8, and OW-9 were influenced by water seeping from the SDA during dredging activities from August through November 1998. Once dredging activities were concluded in November 1998, the water levels returned to normal.

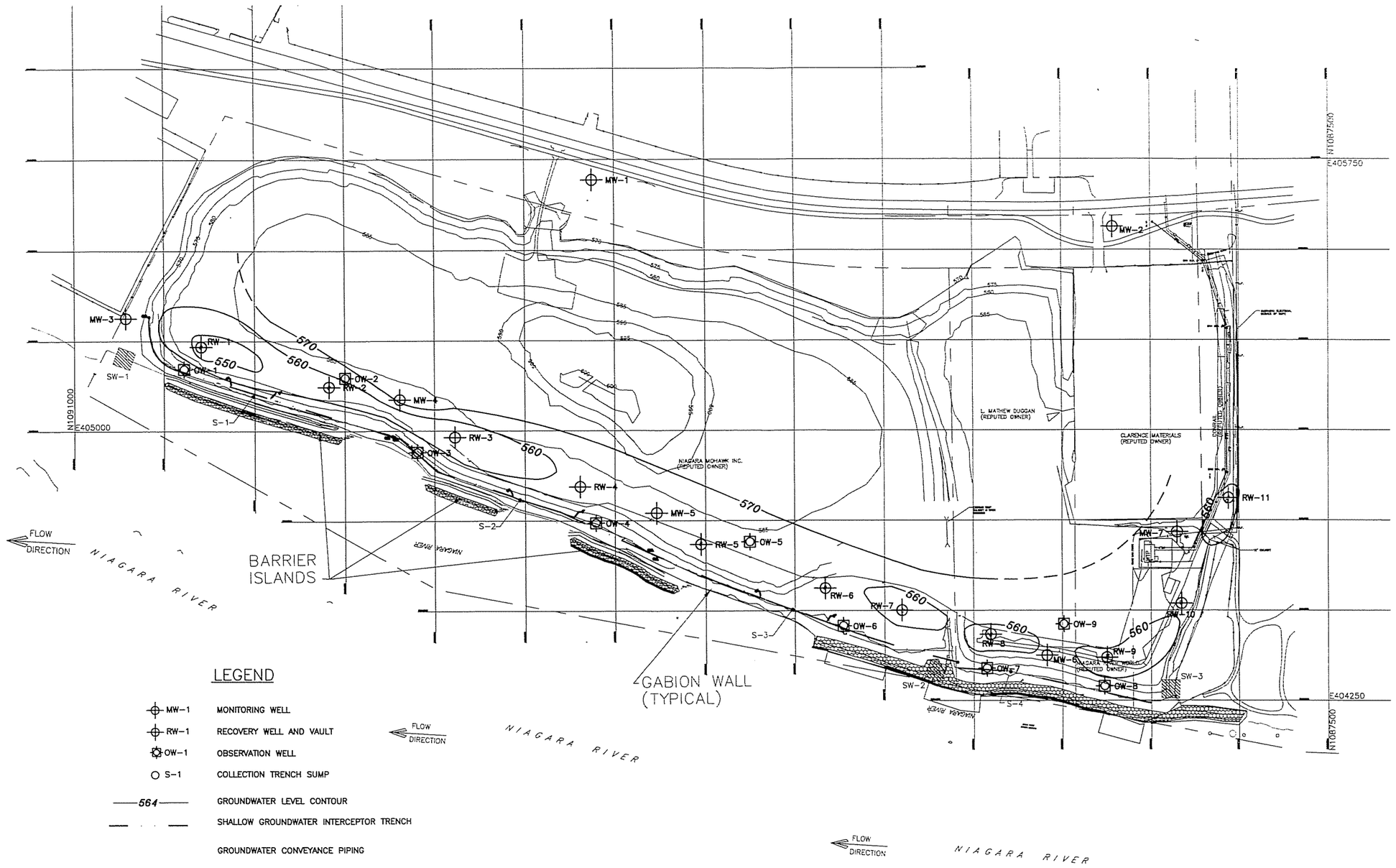
LNAPL was observed in S-1 during all monitoring events, ranging in thickness from approximately 1.0 inches to 1.5 inches. Periodically during site inspections, LNAPL is removed from S-1 using absorbent pads, bailing, or by manually running the sump pump and drawing the water level/product interface down to the bottom of the sump.

3.4 TIME TRENDS

Groundwater chemical data from monitoring wells for the period 1997 through 2002 were compiled and used to create time trend plots (Figures 3.9a through 3.9d). Total VOCs and total SVOCs versus time are shown in the plots provided in Figure 3.9a and 3.9b for the groundwater monitoring wells. The concentrations of total VOCs has been relatively low throughout the O&M period. MW-5 has shown a fluctuation of between approximately 25 ug/L and 200 ug/L through the project history. In each of the other wells, the sum of VOCs in a sample ranged from below the detection limits to 10 ug/l. The only exception to this was the April 1999 date where total VOCs ranged to 25 ug/L and November 1999 where MW-4 was above 40 ug/L. SVOCs followed a similar pattern; with concentrations totaling less than 10 ug/L in each well, with the exception of MW-5 and the SVOC total for MW-7 in the June 2002. SVOC Totals for MW-5 have generally been between 0 ug/L and 50 ug/L for the history of the project. The December 2002 and all prior sampling events fail to confirm the relatively high total SVOC reading in MW-7.

Figure 3.9c and 3.9d show trends for the shallow groundwater samples collected from the sumps between 1997 and 2002. Overall, the total VOC concentrations decreased between 1997 and November of 1999. Since November of 1999, total VOC concentrations have been relatively stable and below 15 ug/L at all sumps, with the exception of the June 2002 sample from S-1. Other sumps sampled in June of 2002 were relatively low, very similar to the December 2001 event. The total VOC concentrations in the December 2002 event were less than 10 ug/L at each sump and were similar to very slightly higher than the June 2002 sample event results.

Total SVOCs concentrations also decreased through time, and were generally lower in December 2001 and June and December 2002, than in previous events. The concentration of total SVOCs, particularly PAHs, in the shallow groundwater from S-1 has been consistently higher than in the other three sumps, in part due to the presence of LNAPL in the sump.



APPROXIMATE RIVER ELEVATION 564.2'

MW	ELEV IN FEET
1	565.10
2	564.65
3	564.12
4	575.33
5	564.26
6	563.89
7	564.66

RW	ELEV IN FEET
1	547.37
2	556.25
3	550.35
4	564.28
5	564.30
6	562.47
7	555.92
8	557.13
9	556.71
10	560.23
11	558.00

OW	ELEV IN FEET
1	563.86
2	568.93
3	565.10
4	565.00
5	566.15
6	565.58
7	565.61
8	564.85
9	566.94

LEGEND

- MW-1 — MONITORING WELL
- RW-1 — RECOVERY WELL AND VAULT
- OW-1 — OBSERVATION WELL
- S-1 — COLLECTION TRENCH SUMP
- 564 — GROUNDWATER LEVEL CONTOUR
- SHALLOW GROUNDWATER INTERCEPTOR TRENCH
- GROUNDWATER CONVEYANCE PIPING
- 575 — FINAL GRADE CONTOUR
- RIPRAP SHORELINE

300 150 0 300 600

SCALE: 1"=300'

FIGURE 3.1

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP JANUARY 23, 2002

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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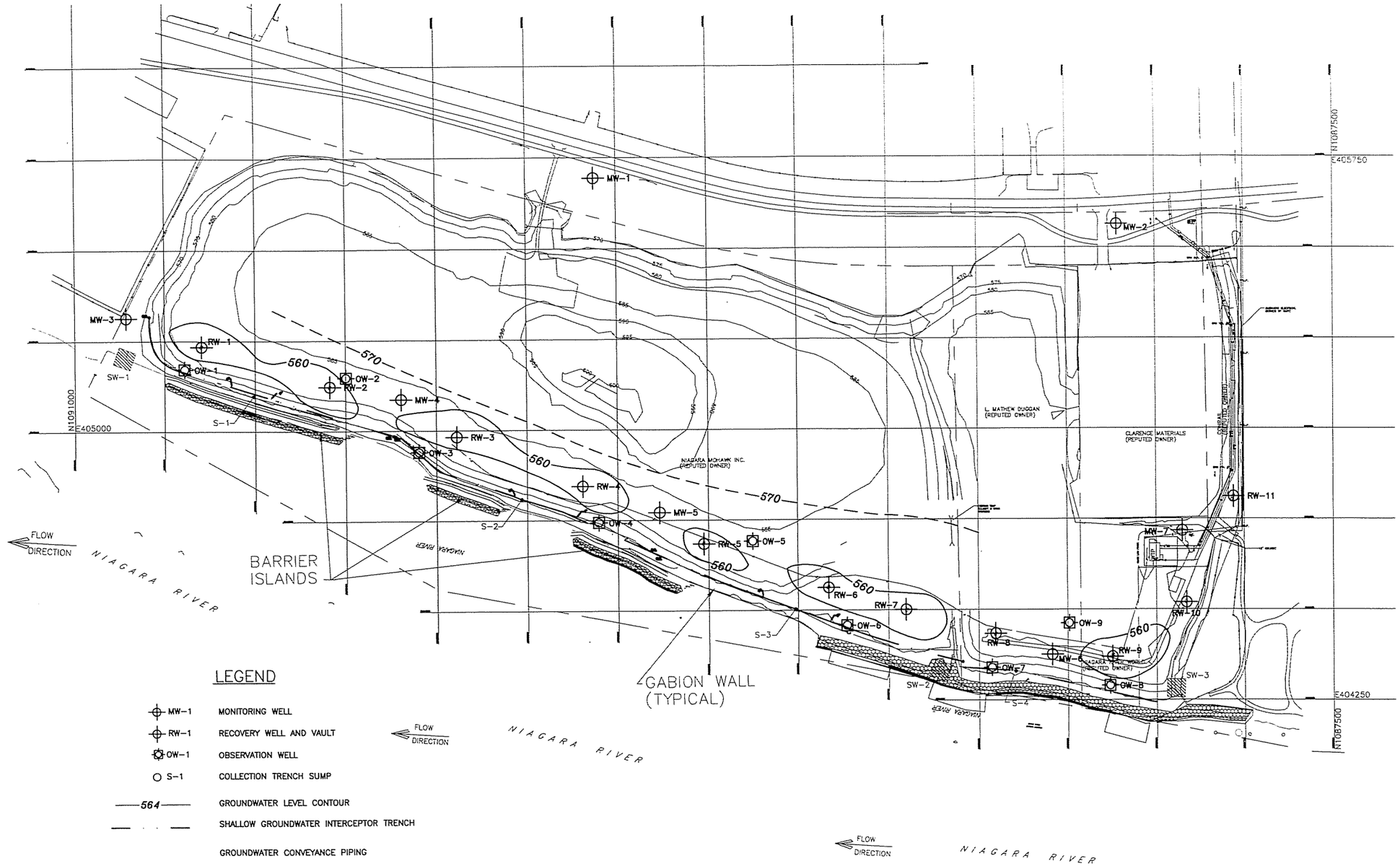

APPROXIMATE RIVER ELEVATION 564.2'

MW	ELEV IN FEET
1	565.78
2	565.50
3	564.95
4	565.02
5	565.04
6	564.89
7	565.46

RW	ELEV IN FEET
1	555.57
2	556.47
3	552.20
4	555.98
5	559.52
6	555.95
7	555.72
8	564.78
9	556.15
10	565.35
11	565.61

OW	ELEV IN FEET
1	564.70
2	568.08
3	565.67
4	565.58
5	566.86
6	566.24
7	566.37
8	565.44
9	567.25

LEGEND

- MW-1 — MONITORING WELL
- RW-1 — RECOVERY WELL AND VAULT
- OW-1 — OBSERVATION WELL
- S-1 — COLLECTION TRENCH SUMP
- 564 — GROUNDWATER LEVEL CONTOUR
- SHALLOW GROUNDWATER INTERCEPTOR TRENCH
- GROUNDWATER CONVEYANCE PIPING
- 575 — FINAL GRADE CONTOUR
- RIPRAP SHORELINE

300 150 0 300 600

SCALE: 1"=300'

FIGURE 3.2

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP JUNE 17, 2002

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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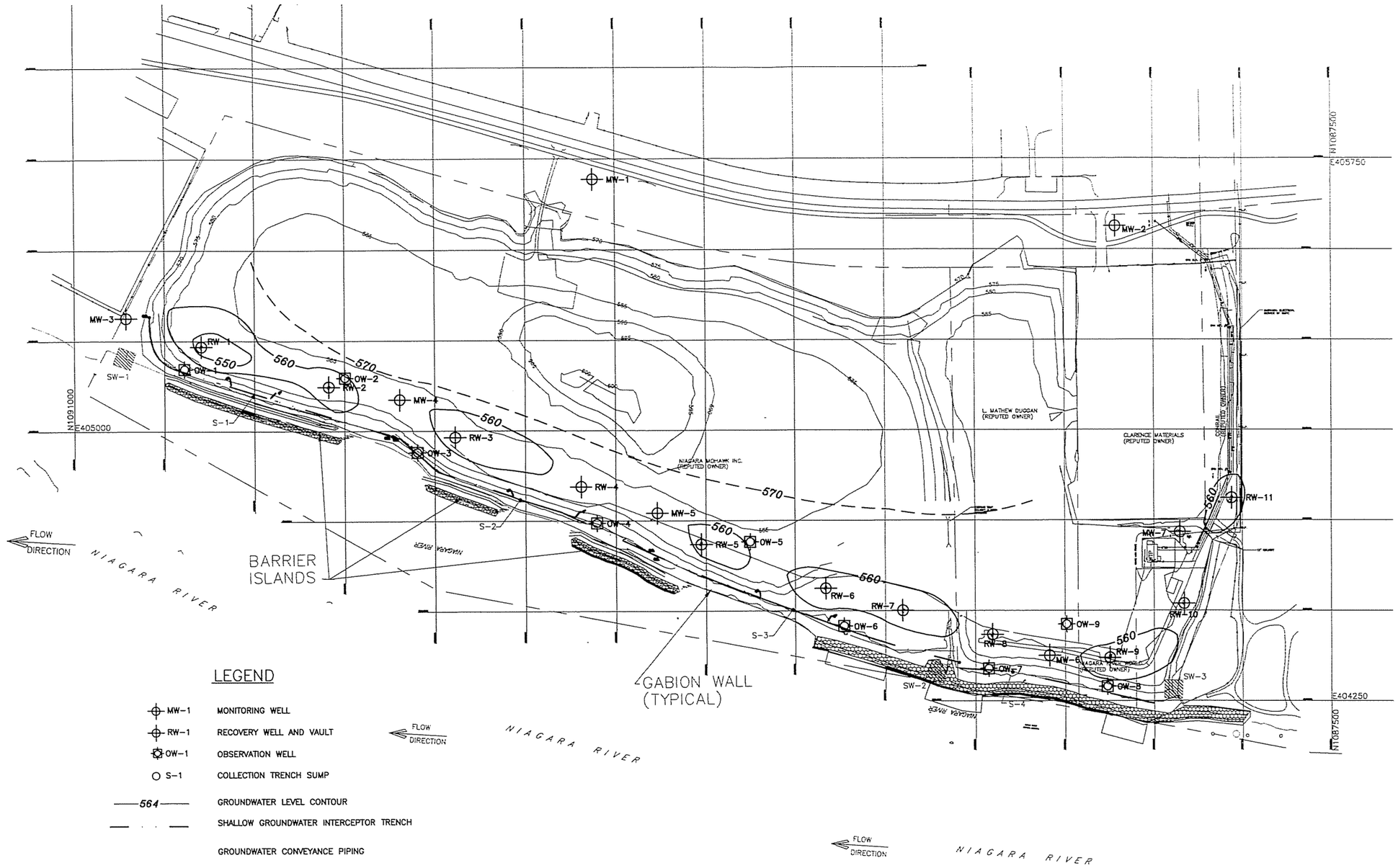

APPROXIMATE RIVER ELEVATION 564.2'

MW	ELEV IN FEET
1	565.40
2	565.19
3	564.35
4	564.81
5	564.83
6	564.68
7	565.05

RW	ELEV IN FEET
1	547.52
2	555.32
3	550.10
4	564.79
5	554.44
6	555.81
7	555.88
8	564.84
9	555.45
10	565.13
11	558.11

OW	ELEV IN FEET
1	564.35
2	567.84
3	565.38
4	565.29
5	566.77
6	565.64
7	565.63
8	565.01
9	566.45

LEGEND

- MW-1 — MONITORING WELL
- RW-1 — RECOVERY WELL AND VAULT
- OW-1 — OBSERVATION WELL
- S-1 — COLLECTION TRENCH SUMP
- 564 — GROUNDWATER LEVEL CONTOUR
- SHALLOW GROUNDWATER INTERCEPTOR TRENCH
- GROUNDWATER CONVEYANCE PIPING
- 575 — FINAL GRADE CONTOUR
- RIPRAP SHORELINE

300 150 0 300 600

SCALE: 1"=300'

FIGURE 3.3

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP AUGUST 20, 2002

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

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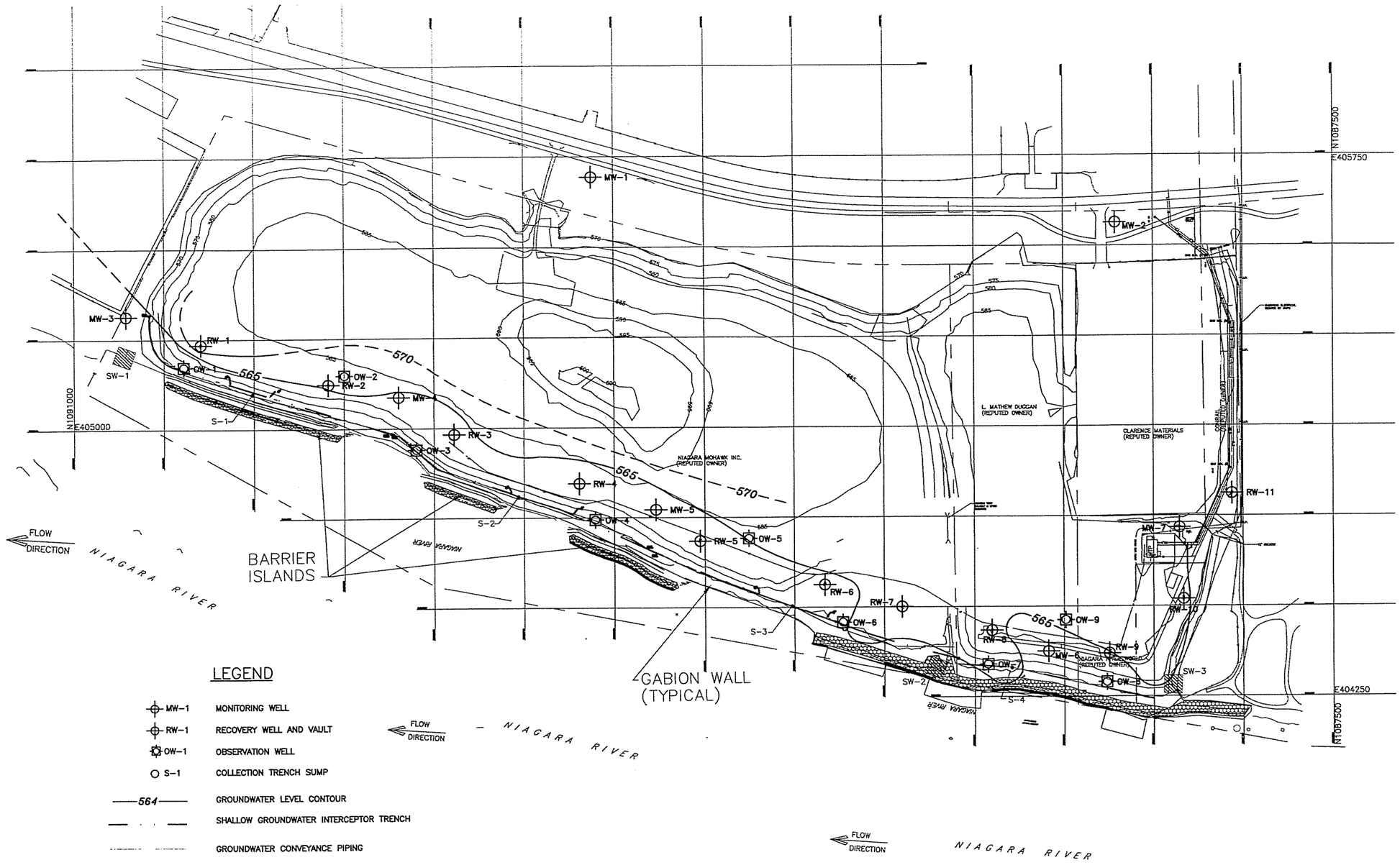


APPROXIMATE RIVER ELEVATION 564.2'

MW	ELEV IN FEET
1	565.02
2	564.51
3	564.61
4	571.78
5	564.10
6	563.85
7	564.51

RW	ELEV IN FEET
1	572.90
2	566.86
3	564.91
4	564.42
5	564.38
6	564.41
7	564.26
8	564.18
9	565.12
10	564.60
11	564.85

OW	ELEV IN FEET
1	564.08
2	567.72
3	564.56
4	564.59
5	566.16
6	565.39
7	565.22
8	564.73
9	566.57

LEGEND

- MW-1 — MONITORING WELL
- RW-1 — RECOVERY WELL AND VAULT
- OW-1 — OBSERVATION WELL
- S-1 — COLLECTION TRENCH SUMP
- 564 — GROUNDWATER LEVEL CONTOUR
- SHALLOW GROUNDWATER INTERCEPTOR TRENCH
- GROUNDWATER CONVEYANCE PIPING
- 575 — FINAL GRADE CONTOUR
- RIPRAP SHORELINE

NOTE: ALL RECOVERY WELLS WERE OFF AT TIME OF COOLLECTION.

300 150 0 300 600

SCALE: 1"=300'

FIGURE 3.4

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP DECEMBER 16, 2002

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

P:\739187\cad\39187G06.dwg, 02/05/03 at 15:16, MAB, 1=1
XREFs: X39187TOP.DWG, X39187C01.DWG

Figure 3.5a
Cherry Farm/River Road Site
Recovery Well Hydrographs (RW-1,2,3)

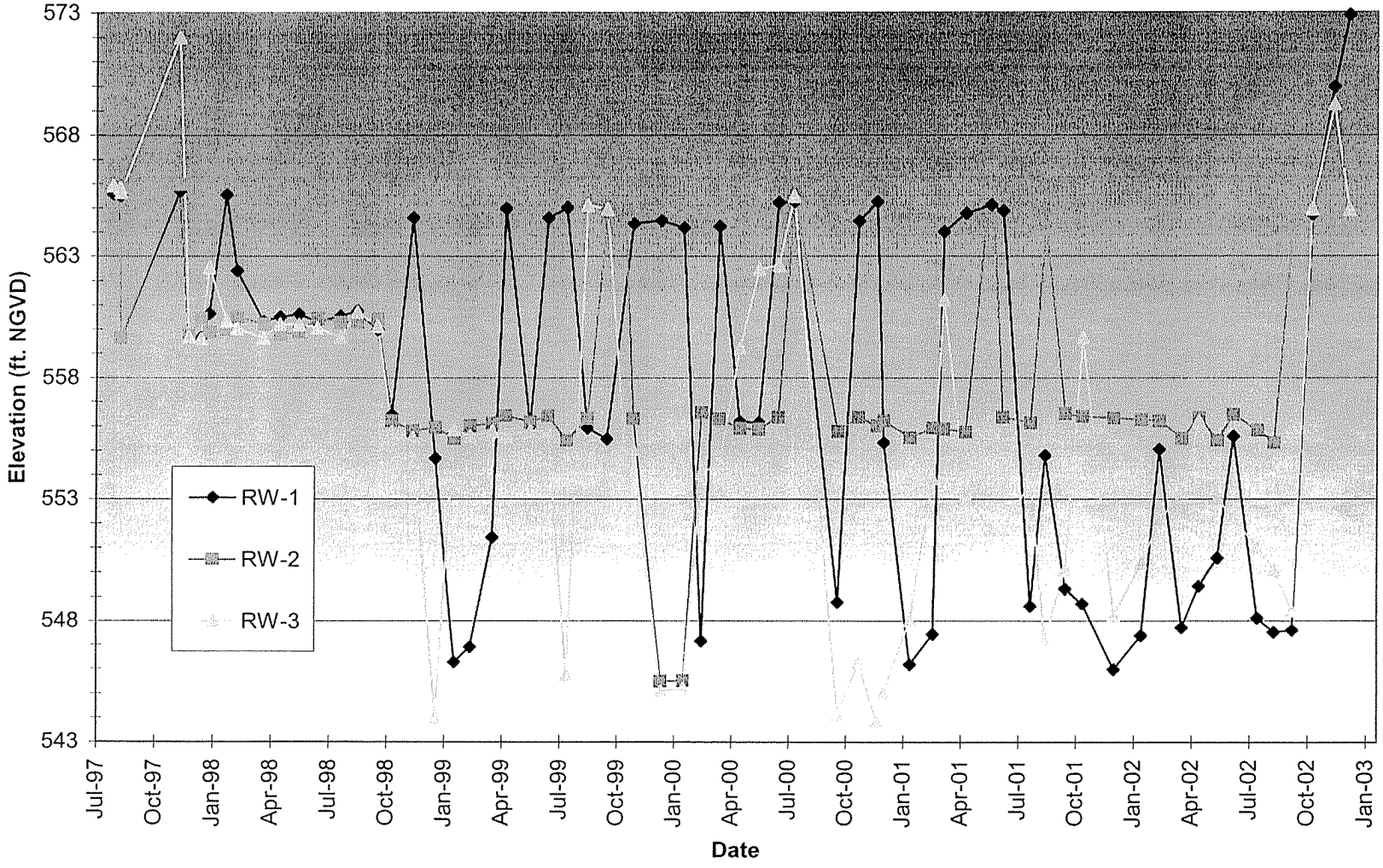


Figure 3.5b
Cherry Farm/River Road Site
Recovery Well Hydrographs (RW-4,5,6,7)

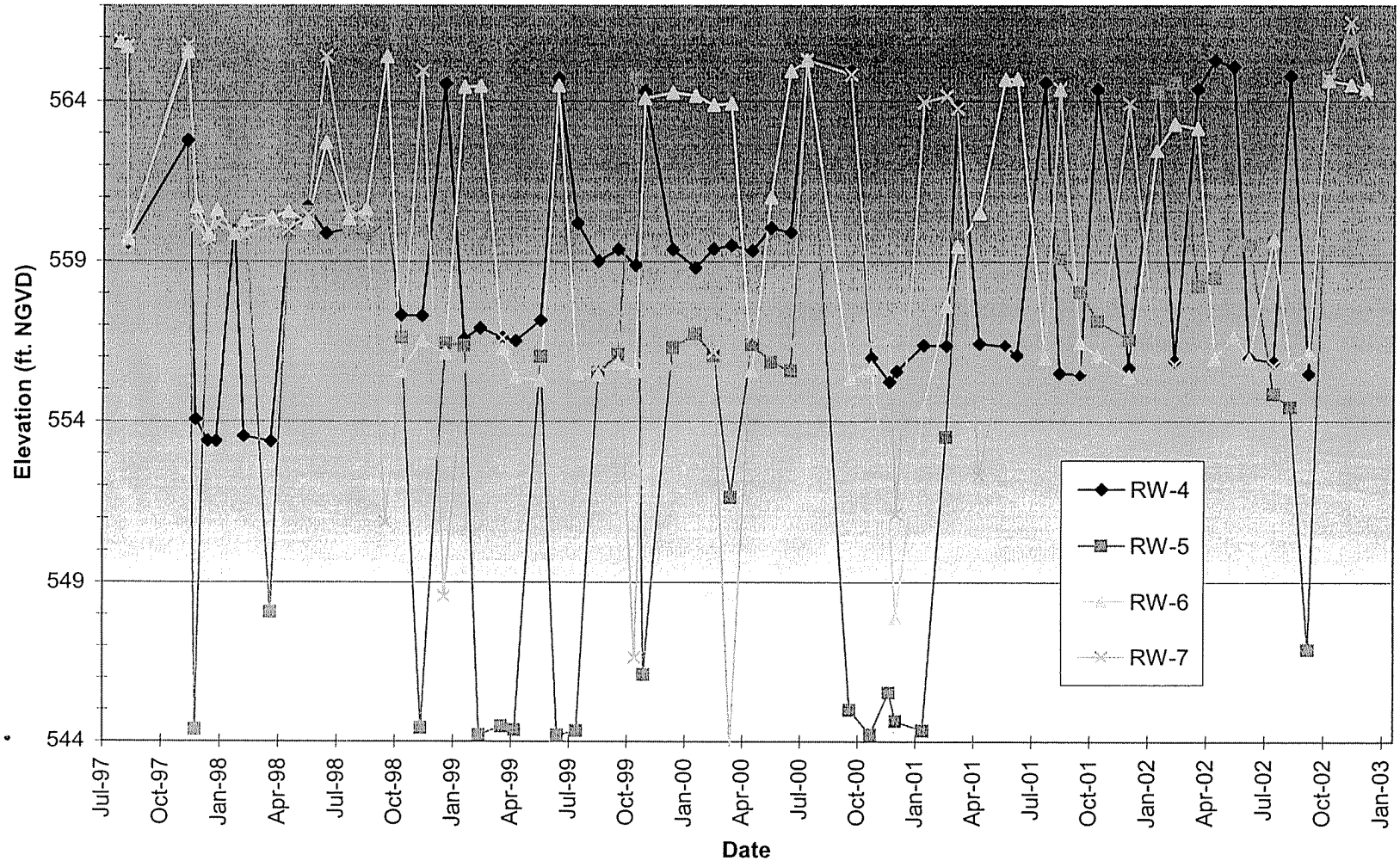


Figure 3.5c
Cherry Farm/River Road Site
Recovery Well Hydrographs (RW-8,9,10,11)

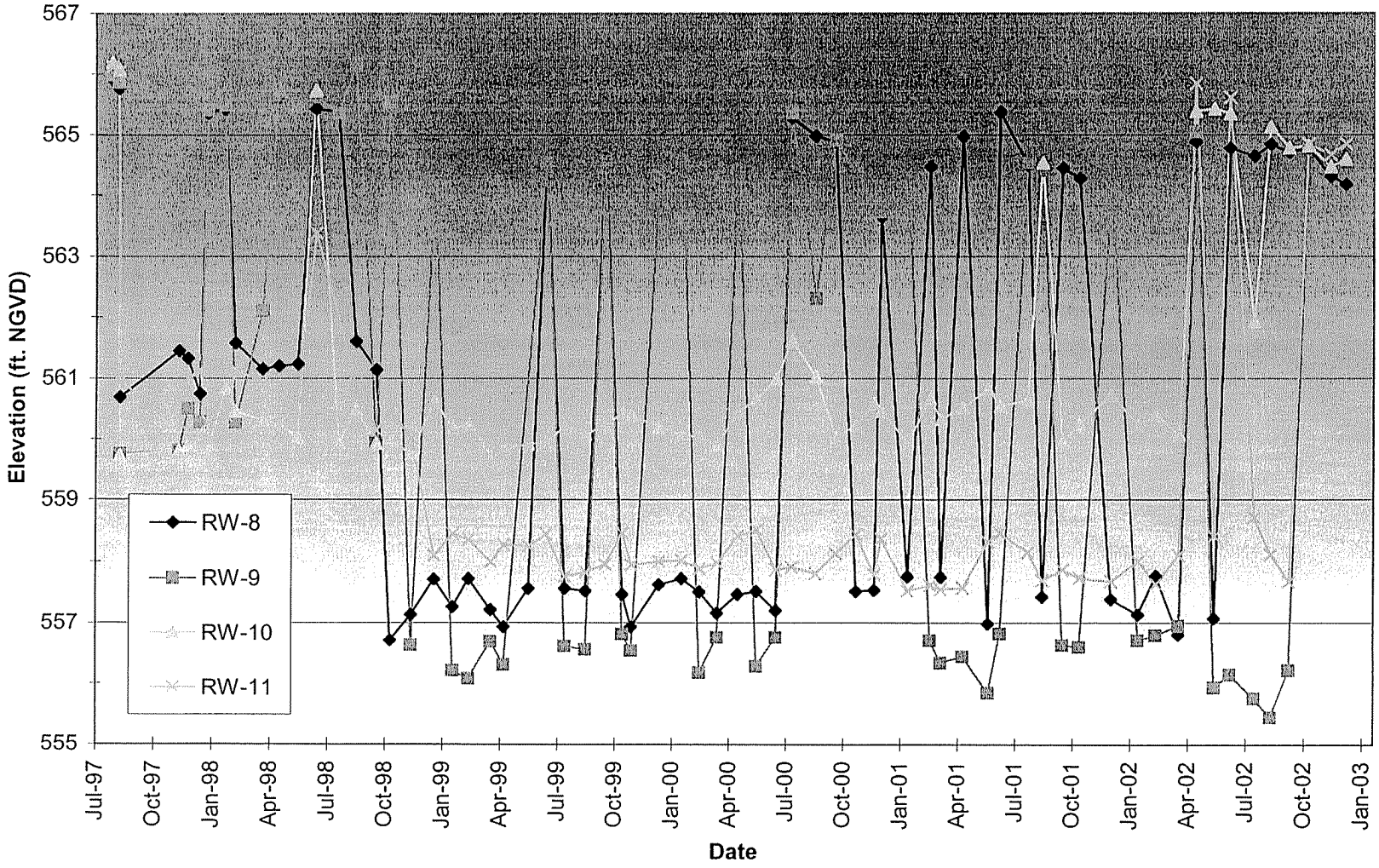


Figure 3.6a
Cherry Farm/River Road Site
Monitoring Well Hydrographs MW-1,2,3

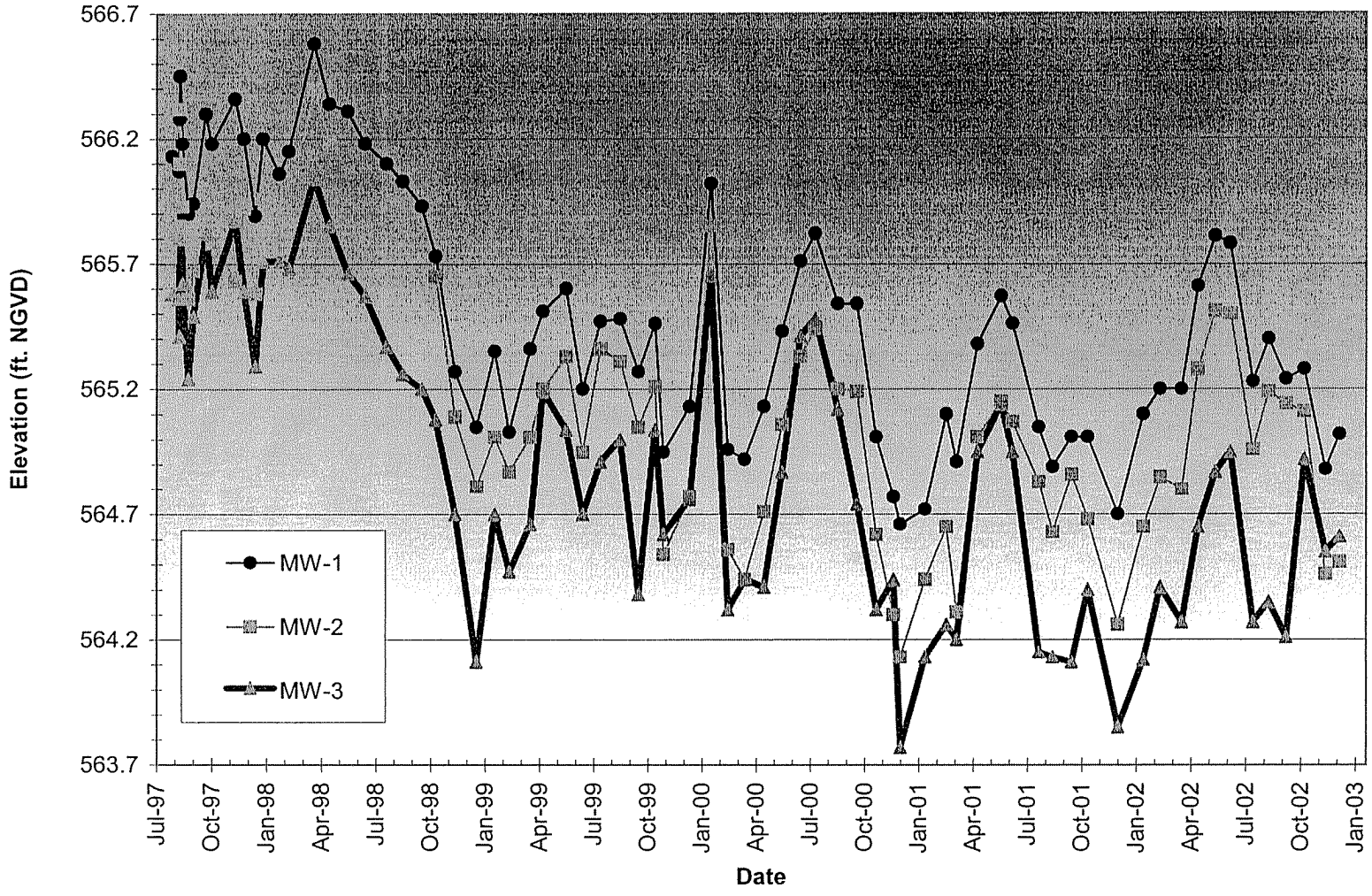


Figure 3.6b
Cherry Farm/River Road Site
Monitoring Well Hydrographs MW-4,5

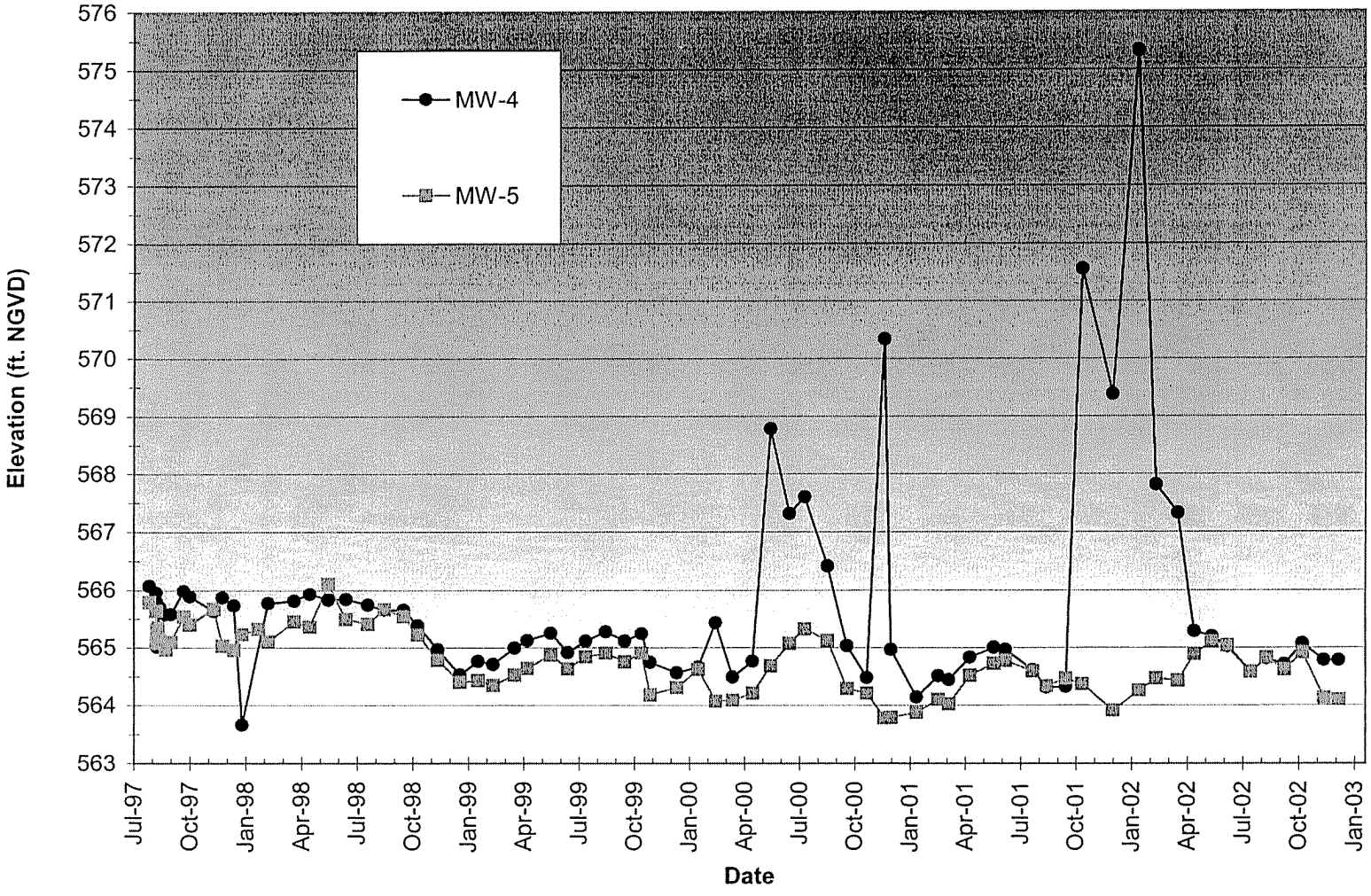


Figure 3.6c
Cherry Farm/River Road Site
Monitoring Well Hydrographs MW-6,7

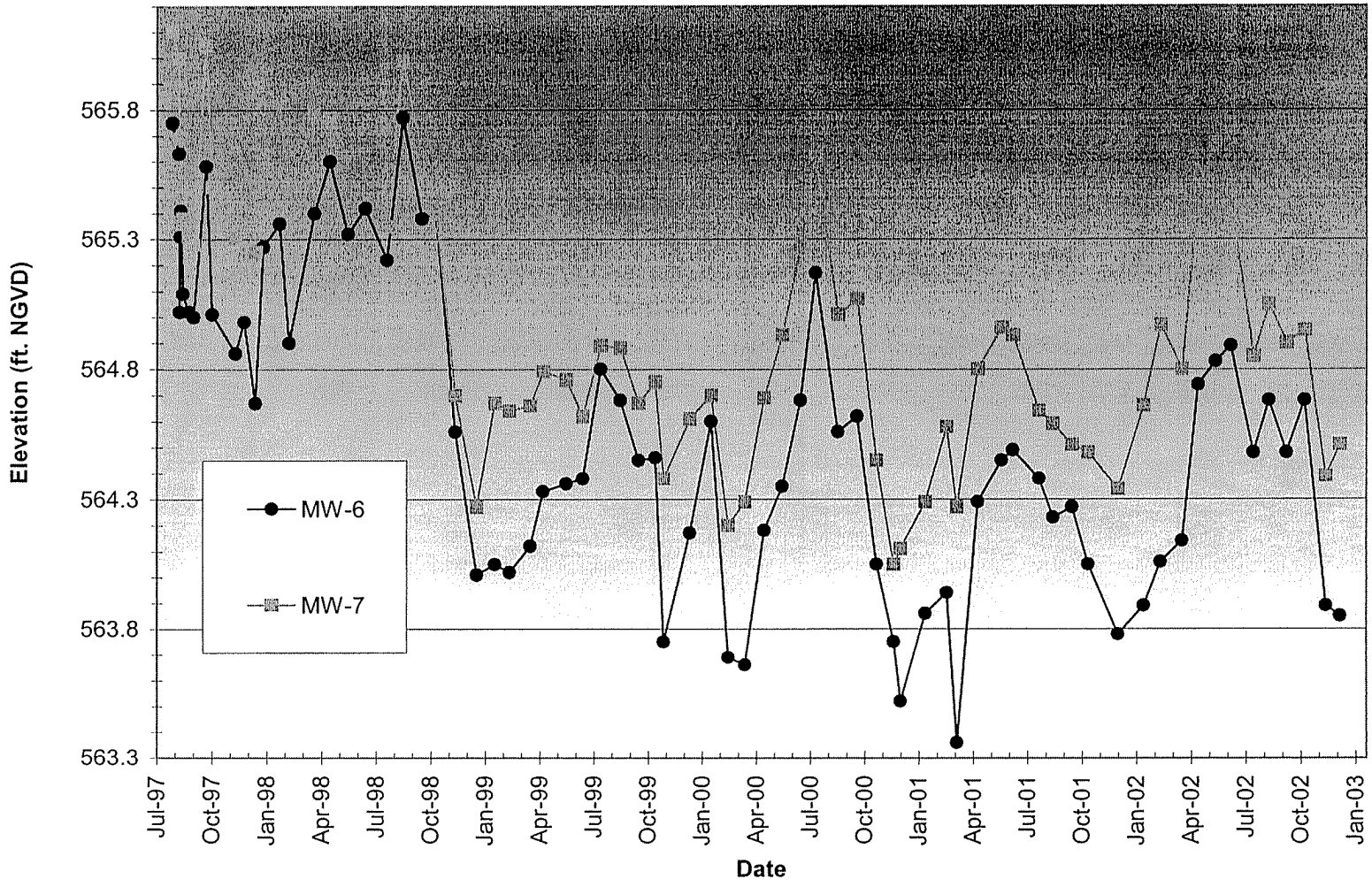


Figure 3.7
Cherry Farm/River Road Site
Sump Hydrographs (S-1,2,3,4)

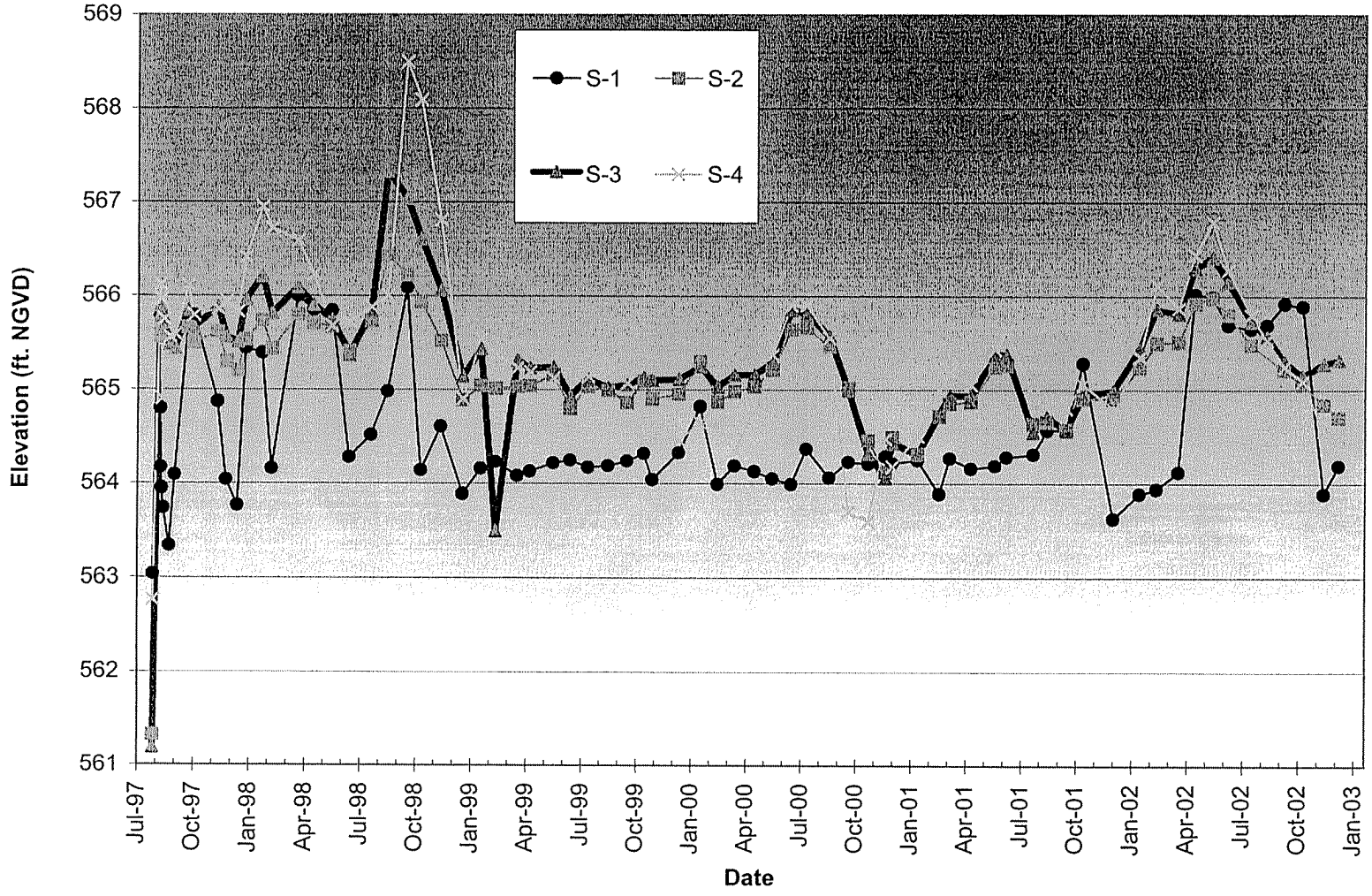


Figure 3.8a
Cherry Farm/River Road Site
Observation Well (OW-1,2,3,4) and Staff Gauge Hydrographs

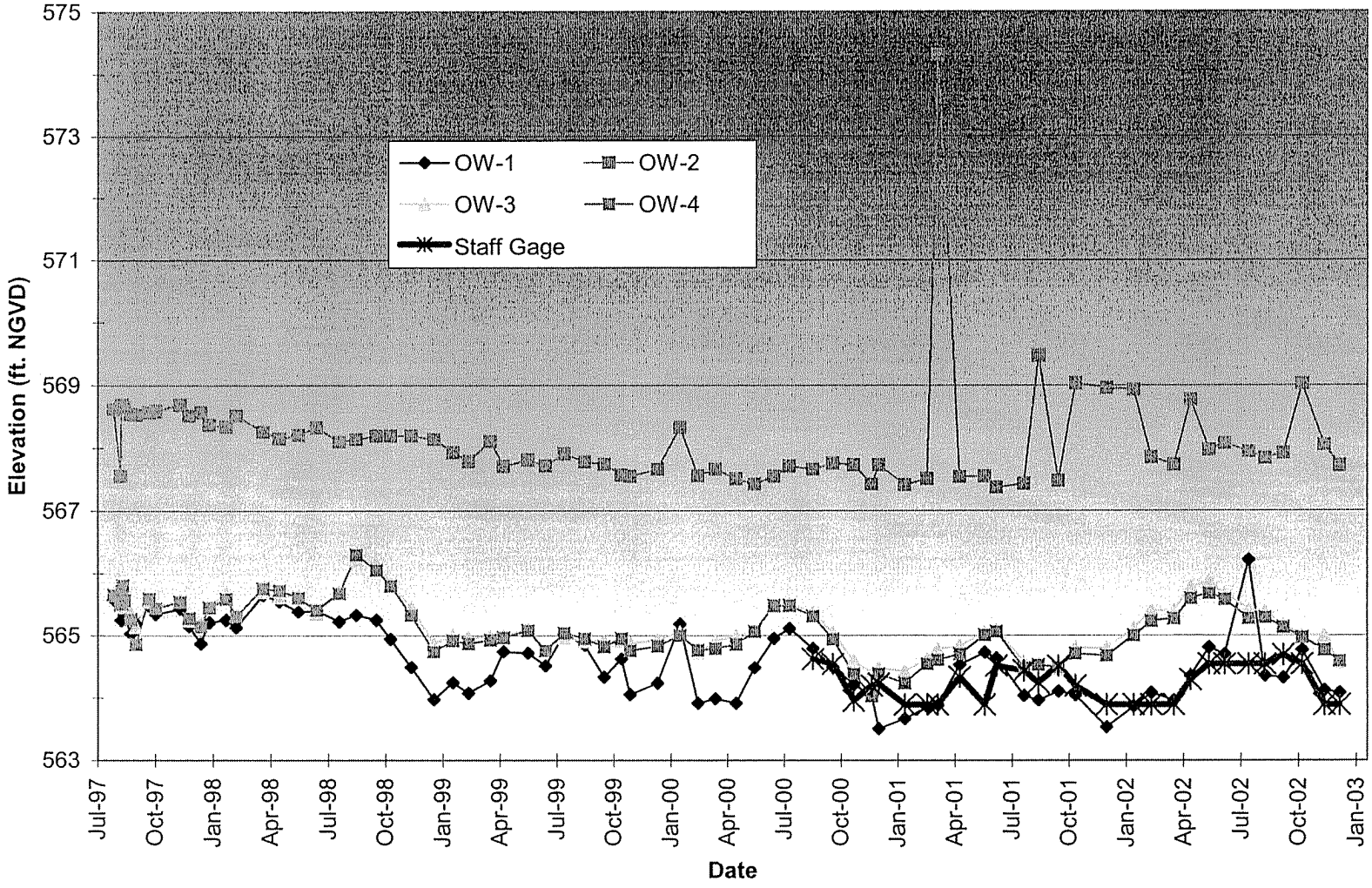


Figure 3.8b
Cherry Farm/River Road Site
Observation Well Hydrographs

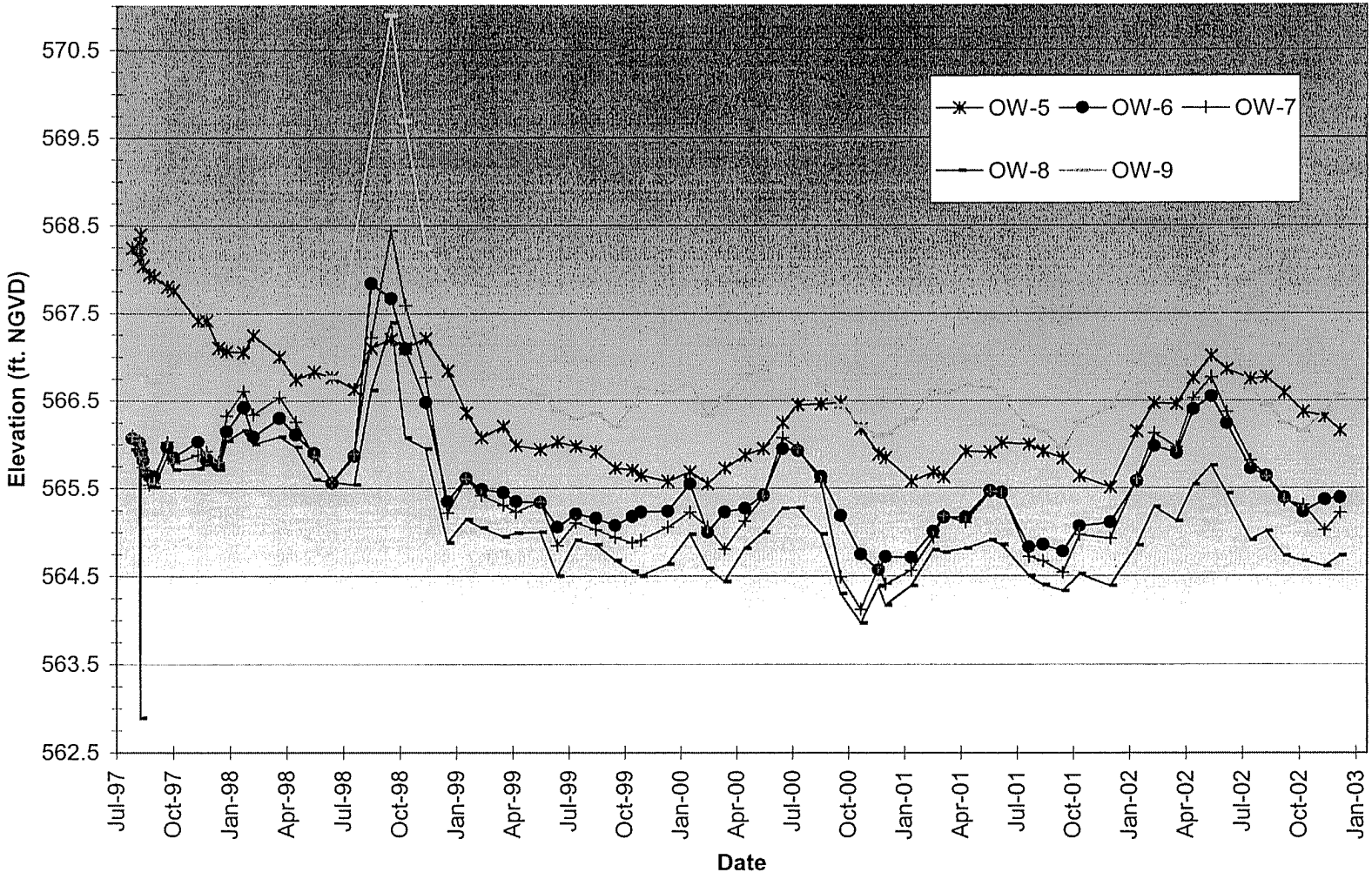


Figure 3.9a: Total VOC Concentration vs. Time in Monitoring Well Samples

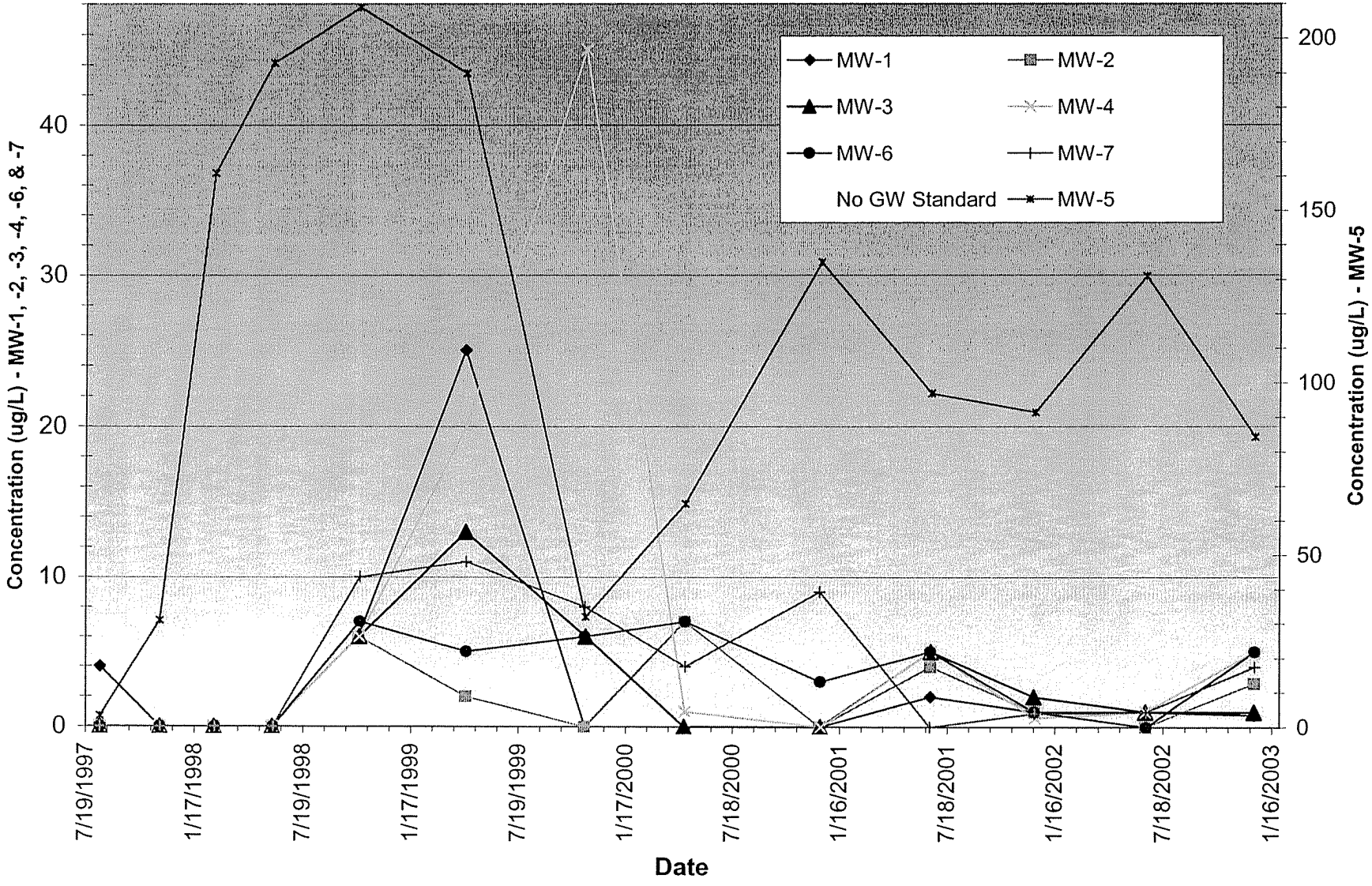


Figure 3.9b: Total SVOC Concentrations vs. Time in Monitoring Well Samples

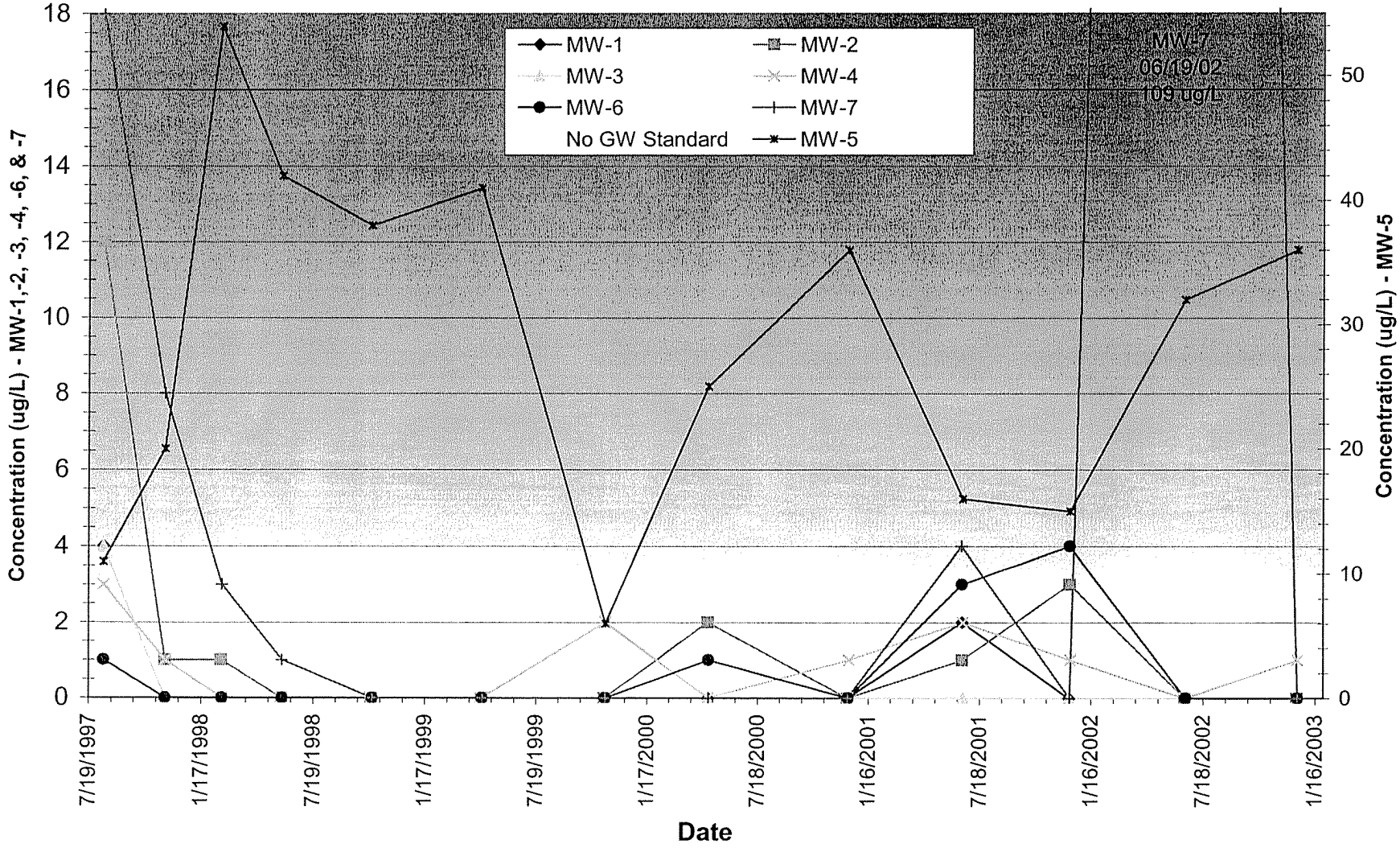


Figure 3.9c: Total VOC Concentration in Sump Samples

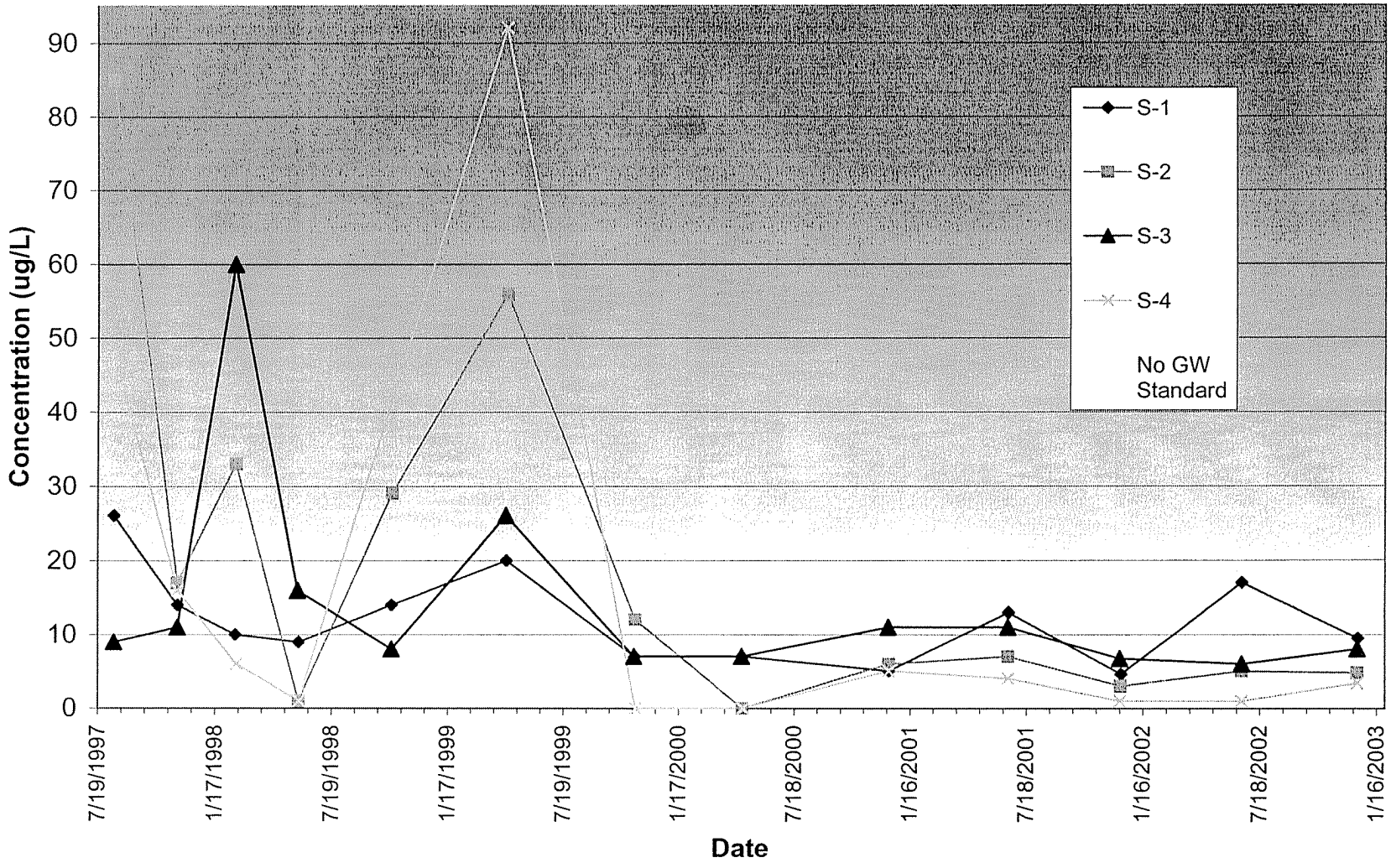


Figure 3.9d: Total SVOC Concentration in Sump Samples

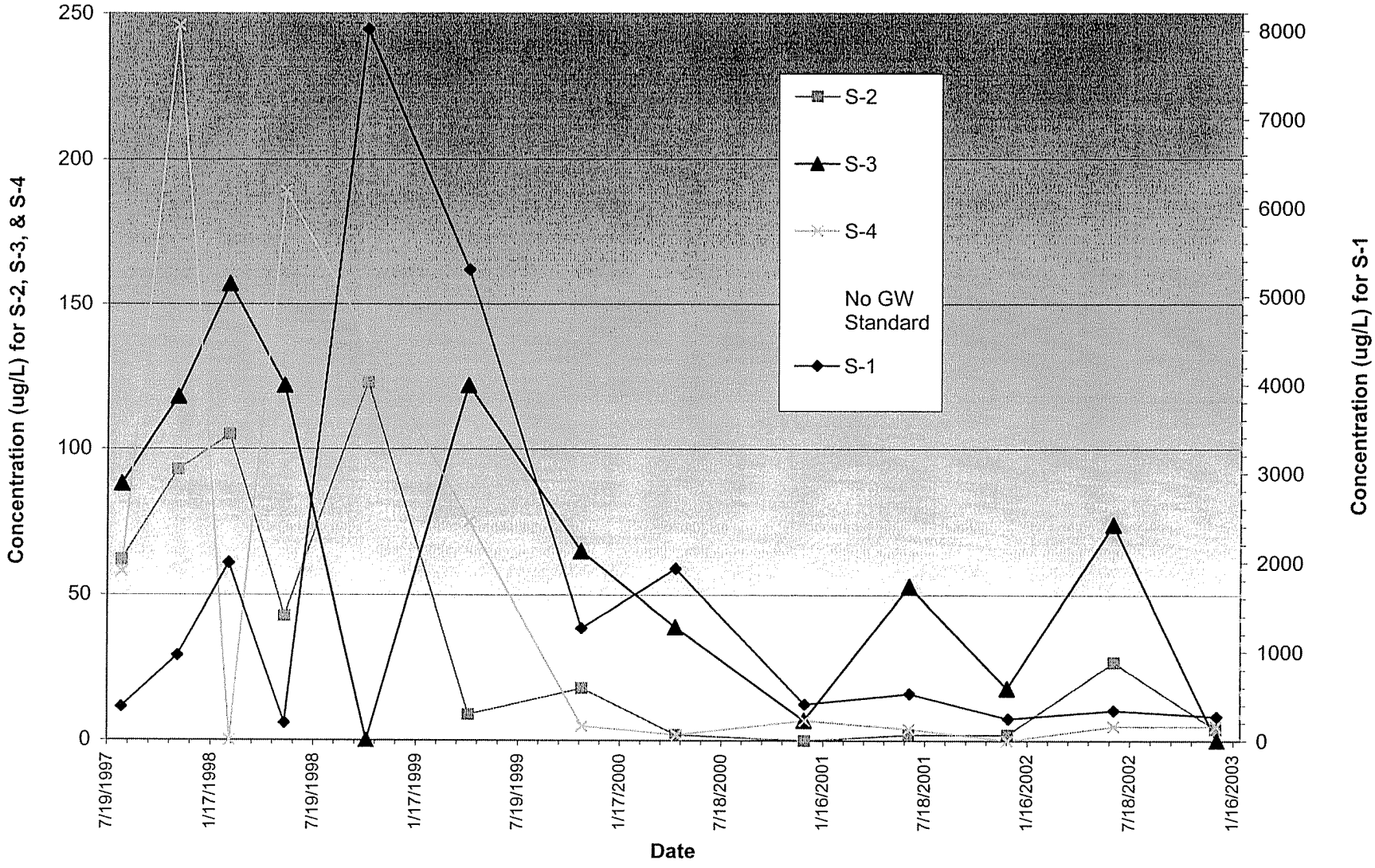


TABLE 3.1
Detected Compound Summary
Monitoring Well Samples

Cherry Farm Groundwater Analytical Data Year 2002 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	MW-1 V4308 OB 2494 Water 6/17/2002	MW-1 Z7440 OB 4203 Water 12/17/2002	MW-1 dup Z7441 OB 4203 Water 12/17/2002	MW-2 V4313 OB 2494 Water 6/18/2002	MW-2 Z7444 OB 4203 Water 12/17/2002	MW-3 dup V4309 OB 2494 Water 6/18/2002
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	2 JB	2 JB	10 U	2 JB	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	1 J	0.8 JB	0.9 JB	10 U	0.9 JB	1 J
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
	SEMIVOLATILES								
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.0081 JP	0.051 U	0.051 U	0.0018 JP	0.051 U	0.054 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
	PCBS								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	3660	11500	10300	27800	26800	567
7440-38-2	Arsenic	25	ug/L	28.7	36.8	36	48.9	50.9	2.6 B
7440-39-3	Barium	1000	ug/L	419	1170	1140	375	411	160 B
7440-41-7	Beryllium	3 (G)	ug/L	0.16 B	0.63 B	0.48 B	1.3 B	1.3 B	0.13 U
7440-43-9	Cadmium	5	ug/L	0.31 U	0.37 U	0.37 U	0.31 U	0.37 U	0.31 U
7440-70-2	Calcium	NS	ug/L	273000	279000	265000	473000	454000	106000
7440-47-8	Chromium	50	ug/L	9.2 B E	21	19.6	68.6 E	62.2	4.9 B E
7440-48-4	Cobalt	NS	ug/L	1.2 U	5.4 B	5 B	17.1 B	15.6 B	1.2 U
7440-50-8	Copper	200	ug/L	6.9 B	23 B	19.6 B	62.6	60.7	1.3 U
7439-89-6	Iron	300	ug/L	14000	30600	28300	55600	54000	14100
7439-92-1	Lead	25	ug/L	5.8 N	10.6	9.5	47.3 N	46.1	1.8 U N
7439-95-4	Magnesium	35000 (G)	ug/L	65900	71700	68000	113000	125000	28500
7439-96-5	Manganese	300	ug/L	406	563	472	1520	1510	460
7439-97-6	Mercury	0.7	ug/L	0.12 U	0.02 U	0.02 U	0.12 U	0.06 B	0.12 U
7440-02-0	Nickel	100	ug/L	2.2 B	19 B	17.4 B	53.4	47.9	10.3 B
7440-09-7	Potassium	NS	ug/L	3920 B	5210	4920 B	9800	9290	7440
7782-49-2	Selenium	10	ug/L	1.5 U	1.8 U	1.8 U	1.5 U	1.8 U	1.5 U
7440-23-5	Sodium	20000	ug/L	40800 E	42000	42000	16000 E	17300	60700 E
7440-62-2	Vanadium	NS	ug/L	8.4 B	23.1 B	21 B	52.2	52.4	3.2 B
7440-66-6	Zinc	2000 (G)	ug/L	38.8	66.4	64.2	235	181	56.6
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 3.1
Detected Compound Summary
Monitoring Well Samples

Cherry Farm Groundwater Analytical Data Year 2002 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	MW-3 V4310 OB 2494 Water 6/18/2002	MW-3 Z7443 OB 4203 Water 12/17/2002	MW-4 V4311 OB 2494 Water 6/18/2002	MW-4 Z7814 OB 4203 Water 12/18/2002	MW-5 RE V4312RE OB 2494 Water 6/18/2002	MW-5 V4312 OB 2494 Water 6/18/2002
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	4 JB	10 U	4 JB		10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U		86
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U		10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U		7 J
75-09-2	Methylene chloride	5	ug/L	1 J	1 JB	1 J	1 JB		10 U
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U		10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U		7 J
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U		31
	SEMIVOLATILES								
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	11 U	10 U	10 U	1 J	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	11 U	10 U	10 U	11 U	16	16
206-44-0	Fluoranthene	50 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	11 U	10 U	10 U	11 U	2 J	2 J
106-44-5	4-Methylphenol	1	ug/L	11 U	10 U	10 U	11 U	4 J	4 J
91-20-3	Naphthalene	10 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
108-95-2	Phenol	1	ug/L	11 U	10 U	10 U	11 U	10 J	10
129-00-0	Pyrene	50 (G)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.052 U	0.051 U	0.024 JP	0.051 U		0.044 JP
319-85-7	beta-BHC	0.04	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.0079 JP
5103-74-2	gamma-Chlordane	0.05	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.0075 JP
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.052 U	0.051 U	0.0023 JP	0.051 U		0.0074 J
	PCBS								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	604	763	1140	324		573
7440-38-2	Arsenic	25	ug/L	2.7 B	4.2 B	18	13.8		11.5
7440-39-3	Barium	1000	ug/L	155 B	237	137 B	163 B		158 B
7440-41-7	Beryllium	3 (G)	ug/L	0.13 B	0.15 B	0.13 U	0.01 U		0.21 B
7440-43-9	Cadmium	5	ug/L	0.31 U	0.37 U	0.58 B	0.43 B		0.31 U
7440-70-2	Calcium	NS	ug/L	101000	105000	104000	119000		50300
7440-47-8	Chromium	50	ug/L	6.4 B E	14.2	7.3 B E	6 B		15.4 E
7440-48-4	Cobalt	NS	ug/L	1.2 U	1.6 U	1.2 U	1.6 U		1.2 U
7440-50-8	Copper	200	ug/L	1.3 U	2.7 B	1.6 B	0.89 U		17.2 B
7439-89-6	Iron	300	ug/L	13600	15700	14500	12400		14100
7439-92-1	Lead	25	ug/L	1.8 U N	0.78 U	2.4 B N	0.78 U		7.7 N
7439-95-4	Magnesium	35000 (G)	ug/L	27800	30400	28000	34500		13800
7439-96-5	Manganese	300	ug/L	444	485	1610	569		212
7439-97-6	Mercury	0.7	ug/L	0.12 U	0.02 U	0.12 U	0.02 U		0.12 U
7440-02-0	Nickel	100	ug/L	1.4 U	5.9 B	1.4 U	1.6 U		4 B
7440-09-7	Potassium	NS	ug/L	7350	7980	4430 B	2250 B		34000
7782-49-2	Selenium	10	ug/L	2 B	1.8 U	1.5 U	1.8 U		1.6 B
7440-23-5	Sodium	20000	ug/L	58900 E	57000	145000 E	50700		95500 E
7440-62-2	Vanadium	NS	ug/L	3.8 B	6.3 B	6.4 B	2.8 B		8.6 B
7440-66-6	Zinc	2000 (G)	ug/L	46	16.8 B	30.6	11.7 B		48.9
57-12-5	Cyanide	200	ug/L	10 U	10 U	16.3	10 U		10 U

TABLE 3.1
Detected Compound Summary
Monitoring Well Samples

Cherry Farm Groundwater Analytical Data Year 2002 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	MW-5 Z7815 OB 4203 Water 12/18/2002	MW-6 V4636 OB 2494 Water 6/19/2002	MW-6 Z7812 OB 4203 Water 12/18/2002	MW-7 V4634 OB 2494 Water 6/19/2002	MW-7 Z9833 OB 4203 Water 12/19/2002
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	4 JB	10 U	4 JB	10 U	3 JB
71-43-2	Benzene	1	ug/L	52	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	1 J	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	4 J	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	0.5 JB	10 U	1 JB	1 J	1 JB
100-42-5	Styrene	5	ug/L	1 J	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	5 J	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	17	10 U	10 U	10 U	10 U
	SEMIVOLATILES							
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	9 J
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U	7 J
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	14
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	10 U	10 U	4 J
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	4 J
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U	11
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	7 J
105-67-9	2,4-Dimethylphenol	1	ug/L	13	10 U	10 U	10 U	6 J
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U	13
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	4 J
95-48-7	2-Methylphenol	1	ug/L	2 J	10 U	10 U	10 U	1 J
106-44-5	4-Methylphenol	1	ug/L	4 J	10 U	10 U	10 U	3 J
91-20-3	Naphthalene	10 (G)	ug/L	13	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	4 J	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	26
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.051 U	0.012 JP	0.051 U	0.011 JP	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.051 U	0.051 U	0.051 U	0.052 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.051 U	0.051 U	0.052 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U	0.051 U	0.051 U	0.052 U	0.051 U
	PCBS							
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	272	357	74.6 B	582	304
7440-38-2	Arsenic	25	ug/L	10.7	2.2 U	1.9 B	19.9	21.3
7440-39-3	Barium	1000	ug/L	187 B	111 B	84 B	375	369
7440-41-7	Beryllium	3 (G)	ug/L	0.14 B	0.17 B	0.01 U	0.22 B	0.01 U
7440-43-9	Cadmium	5	ug/L	0.37 U	0.31 U	0.37 U	0.31 U	0.37 U
7440-70-2	Calcium	NS	ug/L	94500	235000	171000	112000	109000
7440-47-8	Chromium	50	ug/L	5.8 B	4.1 B E	3.4 B	4.6 B E	11.5
7440-48-4	Cobalt	NS	ug/L	1.6 U	1.2 U	1.6 U	1.2 U	1.6 U
7440-50-8	Copper	200	ug/L	11.3 B	2.3 B	0.89 U	1.3 U	0.89 U
7439-89-6	Iron	300	ug/L	19100	46700	36100	26500	26300
7439-92-1	Lead	25	ug/L	3.8	1.8 U N	0.78 U	1.8 U N	0.78 U
7439-95-4	Magnesium	35000 (G)	ug/L	25300	53600	44400	14200	13100
7439-96-5	Manganese	300	ug/L	188	2900	2000	298	302
7439-97-6	Mercury	0.7	ug/L	0.02 U	0.12 U	0.02 U	0.12 U	0.02 U
7440-02-0	Nickel	100	ug/L	1.6 U	1.4 U	1.6 U	1.4 U	4.3 B
7440-09-7	Potassium	NS	ug/L	23100	22500	17200	13000	12600
7782-49-2	Selenium	10	ug/L	1.8 U	1.5 U	1.8 U	1.5 U	1.8 U
7440-23-5	Sodium	20000	ug/L	80500	55400 E	44900	27800 E	27200
7440-62-2	Vanadium	NS	ug/L	7.9 B	1.1 U	2.1 B	1.4 B	1.8 B
7440-66-6	Zinc	2000 (G)	ug/L	8.5 B	270	1.3 B	12.2 B	20.4
57-12-5	Cyanide	200	ug/L	19.6	10 U	15.7	10 U	11.8

TABLE 3.2
Detected Compound Summary
Sump Samples

Cherry Farm Groundwater Analytical Data Year 2002 Detected Compound Summary		NYSDEC Class A Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 V4632 OB 2494 Water 6/19/2002	S-1 Z7813 OB 4203 Water 12/18/2002	S-2 V4633 OB 2494 Water 6/19/2002	S-2 Z7442 OB 4203 Water 12/17/2002
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	10 U	6 JB	10 U	3 JB
78-93-3	2-Butanone	50	ug/L	10 U	2 J	10 U	10 U
75-34-3	1,1-Dichloroethane	5	ug/L	10 U	10 U	2 J	1 J
75-15-0	Carbon disulfide	NS	ug/L	15	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	10 U	0.8 J	10 U	10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	2 J	0.7 JB	10 U	0.8 JB
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	3 J	10 U
	SEMIVOLATILES						
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	29 J D	530 U	11 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	26 J D	530 U	11 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	45 J D	57 JD	11 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	14 J D	530 U	11 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	32 J D	530 U	11 U	4 J
59-50-7	4-Chloro-3-methylphenol	1	ug/L	100 U	530 U	11 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	20 J D	530 U	11 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	26 J D	530 U	16	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	43 J D	98 JD	11 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 J D	530 U	11 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	100 U	530 U	11 U	10 U
95-48-7	2-Methylphenol	1	ug/L	100 U	530 U	3 J	10 U
106-44-5	4-Methylphenol	1	ug/L	13 J D	530 U	5 J	10 U
91-20-3	Naphthalene	10 (G)	ug/L	100 U	530 U	3 J	10 U
129-00-0	Pyrene	50 (G)	ug/L	86 J D	120 JD	11 U	10 U
	PESTICIDES						
309-00-2	Aldrin	ND	ug/L	0.28 U	0.26 U	0.046 J	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.28 U	0.26	0.052 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.28 U	0.26 U	0.0047 JP	0.051 U
72-55-9	4,4'-DDE	0.2	ug/L	6.2 PD	0.69 P	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.56 U	0.52 U	0.0018 JP	0.1 U
60-57-1	Dieldrin	0.004	ug/L	6.2 P	0.88	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	1.1 P	0.095 JP	0.0038 JP	0.026 J
33213-65-9	Endosulfan II	NS	ug/L	0.56 U	0.082 JP	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.56 U	0.52 U	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L	2.5 P	0.52 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	2.7 P	0.26 JP	0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	8.7 P	0.52 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	1.3 P		0.052 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.28 U	0.53 P	0.052 U	0.051 U
76-44-8	Heptachlor	0.04	ug/L	7.1 PD	0.26 U	0.052 U	0.051 U
72-43-5	Methoxychlor	35	ug/L	2.1 JP	2.6 U	0.52 U	0.51 U
	PCBS						
12672-29-6	Aroclor-1248	Sum PCBs	ug/L	450 PD	54 P	1 U	1 U
11096-82-5	Aroclor-1260	of 0.09	ug/L	280 D	22	1 U	1 U
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	85.4 B	3380	707	221
7440-36-0	Antimony	3	ug/L	2.3 U	2.1 U	3.9 B	2.2 B
7440-38-2	Arsenic	25	ug/L	4.9 B	13.3	5.7 B	5.7 B
7440-39-3	Barium	1000	ug/L	179 B	292	60 B	50.6 B
7440-41-7	Beryllium	3 (G)	ug/L	0.13 B	0.17 B	0.13 B	0.1 U
7440-70-2	Calcium	NS	ug/L	75800	87000	144000	104000
7440-47-8	Chromium	50	ug/L	1.7 B E	7.4 B	0.93 U E	1.2 U
7440-50-8	Copper	200	ug/L	2.3 B	21.1 B	6.2 B	2.8 B
7439-89-6	Iron	300	ug/L	6050	16600	960	96.8 B
7439-92-1	Lead	25	ug/L	2.6 B N	19.9	1.8 U N	0.78 U
7439-95-4	Magnesium	35000 (G)	ug/L	14100	14800	223 B	135 B
7439-96-5	Manganese	300	ug/L	824	1660	34.9	3.3 B
7440-02-0	Nickel	100	ug/L	2 B	14.1 B	1.4 U	1.6 U
7440-09-7	Potassium	NS	ug/L	24900	19500	42200	40400
7782-49-2	Selenium	10	ug/L	1.5 U	1.8 U	3.3 B	4.4 B
7440-23-5	Sodium	20000	ug/L	99700 E	103000	63200 E	50900
7440-62-2	Vanadium	NS	ug/L	1.1 U	10.3 B	14 B	44.8 B
7440-66-6	Zinc	2000 (G)	ug/L	13.6 B	133	28.9	3.4 B
57-12-5	Cyanide	200	ug/L	10 U	10 U	16.9	39.4

TABLE 3.2
Detected Compound Summary
Sump Samples

Cherry Farm Groundwater Analytical Data Year 2002 Detected Compound Summary		NYSDEC Class A Groundwater Standards/ Guidelines	Sample ID:	S-3	S-3	S-4	S-4
			Lab Sample	V4307	Z9835	V4635	Z7445
			Depth:				
			Source:	OB	OB	OB	OB
			SDG:	2494	4203	2494	4203
			Matrix:	Water	Water	Water	Water
			Sampled:	6/17/2002	12/19/2002	6/19/2002	12/17/2002
			Validated:				
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	10 U	4 JB	10 U	2 JB
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	5	ug/L	2 J	2 J	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U	1 J	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	1 J	1 JB	1 J	0.9 JB
1330-20-7	Xylene (total)	5	ug/L	3 J	10 U	10 U	0.5 J
	SEMIVOLATILES						
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	5 J	10 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	10 U	2 J
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	19	10 U	10 U	1 J
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	1 J	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	14	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	33	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	7 J	10 U	10 U	2 J
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U
	PESTICIDES						
309-00-2	Aldrin	ND	ug/L	0.036 JP	0.052 U	0.0091 JP	0.053 U
319-84-6	alpha-BHC	0.01	ug/L	0.051 U	0.052 U	0.053 U	0.053 U
319-85-7	beta-BHC	0.04	ug/L	0.0053 JP	0.052 U	0.053 U	0.053 U
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.29 JPD	0.11 U	0.11 U
50-29-3	4,4'-DDT	0.2	ug/L	0.0097 JP	0.1 U	0.11 U	0.11 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.21	0.11 U	0.11 U
959-98-8	Endosulfan I	NS	ug/L	0.0064 JP	0.075 JPD	0.053 U	0.053 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.11 U	0.11 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.11 U	0.11 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	0.11 U	0.11 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.12 JPD	0.11 U	0.11 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.11 U	0.11 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U		0.053 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.52 U	0.053 U	0.053 U
76-44-8	Heptachlor	0.04	ug/L	0.0046 J	0.052 U	0.053 U	0.053 U
72-43-5	Methoxychlor	35	ug/L	0.51 U	0.52 U	0.53 U	0.53 U
	PCBS						
12672-29-6	Aroclor-1248	Sum PCBs	ug/L	1 U	13	1.1 U	1.1 U
11096-82-5	Aroclor-1260	of 0.09	ug/L	1 U	6	1.1 U	1.1 U
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	388	497	249	128 B
7440-36-0	Antimony	3	ug/L	2.8 B	3.8 B	2.3 U	2.1 U
7440-38-2	Arsenic	25	ug/L	3.6 B	4.8 B	2.3 B	2.7 B
7440-39-3	Barium	1000	ug/L	32.8 B	36.6 B	117 B	17 B
7440-41-7	Beryllium	3 (G)	ug/L	0.13 U	0.01 U	0.2 B	0.01 U
7440-70-2	Calcium	NS	ug/L	106000	91800	134000	112000
7440-47-8	Chromium	50	ug/L	0.93 UE	1.2 U	3.2 BE	1.2 U
7440-50-8	Copper	200	ug/L	1.3 U	0.89 U	6.3 B	5.4 B
7439-89-6	Iron	300	ug/L	36.6 B	61.7 B	7860	456
7439-92-1	Lead	25	ug/L	1.8 UN	0.78 U	1.8 UN	0.78 U
7439-95-4	Magnesium	35000 (G)	ug/L	317 B	152 B	13600	10000
7439-96-5	Manganese	300	ug/L	6.6 B	0.92 B	660	188
7440-02-0	Nickel	100	ug/L	1.4 U	1.6 U	3.6 B	1.6 U
7440-09-7	Potassium	NS	ug/L	43100	41300	27600	21400
7782-49-2	Selenium	10	ug/L	2.5 B	2.8 B	1.5 U	3.7 B
7440-23-5	Sodium	20000	ug/L	64700 E	55900	26300 E	15000
7440-62-2	Vanadium	NS	ug/L	16.9 B	27.5 B	1.1 U	4.4 B
7440-66-6	Zinc	2000 (G)	ug/L	23.6	2.2 B	48.1	2.7 B
57-12-5	Cyanide	200	ug/L	40.6	49.9	10 U	16.8

TABLE 3.3
Detected Compound Summary
Surface Water Samples

Cherry Farm Surface Water Detected Compound Summary		NYSDEC Class A Surface Water Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	SW-1 Z7446 OB 4203 Water 12/17/2002
CAS NO.	COMPOUND		UNITS:	
	VOLATILES			
67-64-1	Acetone	50 (G)	ug/L	2 JB
75-09-2	Methylene chloride	5	ug/L	0.8 JB
	SEMIVOLATILES			ND
	PESTICIDES			ND
	PCBS			ND
	INORGANICS			
7429-90-5	Aluminum	100	ug/L	**157 B**
7440-38-2	Arsenic	50	ug/L	6.3 B
7440-39-3	Barium	1000	ug/L	34.5 B
7440-70-2	Calcium	NS	ug/L	138000
7440-47-8	Chromium	50	ug/L	6 B
7440-50-8	Copper	200	ug/L	3.2 B
7439-89-6	Iron	300	ug/L	239
7439-95-4	Magnesium	35000	ug/L	**38900**
7439-96-5	Manganese	300	ug/L	12.8 B
7440-09-7	Potassium	NS	ug/L	28800
7782-49-2	Selenium	10	ug/L	3.3 B
7440-22-4	Silver	50	ug/L	1.5 B
7440-23-5	Sodium	NS	ug/L	82700
7440-62-2	Vanadium	14	ug/L	4.3 B
7440-66-6	Zinc	200 (G)	ug/L	15.5 B

SECTION 4
SUMMARY AND CONLUSIONS

The objectives of the post-construction monitoring program were to monitor and evaluate the Site groundwater and surface water quality, and determine the effectiveness of both the shallow and intermediate/deep groundwater extraction systems. These objectives were met through field efforts, and subsequent data compilation/reporting and interpretation efforts. The primary conclusions derived from the fifth year of the monitoring program are summarized below.

- Erosion damage between the Cherry Farm and River Road Sites was repaired and boulders were also strategically placed to prevent driving on the steep slopes. Additional stone was used on the roadway on the access to fill in low areas.

- The wooded upland and wetland habitats were inspected routinely and show that the constructed shoreline vegetation is continuing to grow and propagate, and wildlife usage of the created habitats is readily apparent (Appendix C).

- Impacts from the Site on groundwater quality in the intermediate/deep zone beneath the Site were relatively minor. Concentrations of organic compounds were below groundwater standards in most samples and close to the limits in the remainder. Metals concentrations exceeded groundwater standards in some samples, but were lower than the background well (MW-2) for most of the metals. Overall frequency and concentrations of detections remained similar to, or decreased from the samples collected during the previous reporting period.

- An upwelling study was begun in 2002, with the shutdown of the intermediate/deep zone groundwater recovery wells in October of 2002. It is planned that the intermediate/deep zone groundwater recovery wells will remain off pending the results of the upwelling study, which scheduled to be completed in late-2003. If results indicate that the intermediate/deep zone groundwater is not significantly impacting the Niagara River, the pumping system will remain off. The shallow trench groundwater recovery system continues to operate during this time frame and is not scheduled to be turned off in the near future.

- Shallow groundwater samples collected from on Site sumps during the 2002 events showed greater impacts to the shallow groundwater quality beneath the Site than the intermediate/deep zone samples. Water quality generally improved in 2002 compared to earlier sampling events. The most notable impacts were in samples collected from sump S-1, likely due to the measurable thickness of LNAPL throughout the reporting period.

- In the single surface water sample collected from an onsite drainage ditch during the current reporting period, no VOCs, SVOCs, pesticides and PCBs exceeded the surface water standards. Only two TAL metals (aluminum and magnesium) exceeded the

surface water standards. Additional surface water samples were not collected due to the lack of water during sampling events.

- Groundwater contour maps of the intermediate/deep zone, constructed from water level data throughout the year, indicated that sufficient drawdown was maintained during the operation of the intermediate/deep groundwater recovery system (with occasional interruptions) to prevent offsite migration of groundwater. The recovery well pumps were shut off in October to begin the upwelling study. Between January and October, pumping rates were increased by chemical treatment and well redevelopment, which increased the overall capture zones and effectiveness of the system.

- The shallow collection trench system operated as designed, with flow rates approximating those predicted during the design phase. Due to accumulation of sediment and scale deposits in the pump and piping systems, pumping rates may gradually decline over time. Discharge line flushing during December 2001 and November 2002 appears to have greatly increased the flow rate.

- From 1997 through 2002, groundwater and surface water samples have been analyzed for a complete TCL/TAL list of parameters. More than five years of monitoring data has now been collected. Groundwater sampling and analysis provide adequate data for determining potential impacts to the river.

APPENDIX A

APPENDIX A
ANALYTICAL DATA
(JUNE AND DECEMBER 2002)

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2002		Sample ID:	equipment blank	equipment blank	MW-1	MW-1	MW-1 dup	MW-2	MW-2	MW-3 dup
		Lab Sample	V4637	Z9834	V4308	Z7440	Z7441	V4313	Z7444	V4309
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	2494	4203	2494	4203	4203	2494	4203	2494
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/2002	12/19/2002	6/17/2002	12/17/2002	12/17/2002	6/18/2002	12/17/2002	6/18/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/L	10 U	2 JB	10 U	2 JB	2 JB	10 U	2 JB	10 U
71-43-2	Benzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone,	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	ug/L	10 U	3 JB	1 J	0.8 JB	0.9 JB	10 U	0.9 JB	1 J
100-42-5	Styrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Cherry Farm Groundwater 2002		Sample ID:	equipment blank	equipment blank	MW-1	MW-1	MW-1 dup	MW-2	MW-2	MW-3 dup
		Lab Sample	V4637	Z9834	V4308	Z7440	Z7441	V4313	Z7444	V4309
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	2494	4203	2494	4203	4203	2494	4203	2494
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/2002	12/19/2002	6/17/2002	12/17/2002	12/17/2002	6/18/2002	12/17/2002	6/18/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U
51-28-5	2,4-Dinitrophenol	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U
121-14-2	2,4-Dinitrotoluene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U
99-09-2	3-Nitroaniline	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U
100-01-6	4-Nitroaniline	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U
98-95-3	Nitrobenzene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U
85-01-8	Phenanthrene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	Trichlorophenol 2,4,5	ug/L	27 U	25 U	26 U	25 U	25 U	26 U	26 U	26 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2002		Sample ID:	equipment blank	equipment blank	MW-1	MW-1	MW-1 dup	MW-2	MW-2	MW-3 dup
		Lab Sample	V4637	Z9834	V4308	Z7440	Z7441	V4313	Z7444	V4309
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	2494	4203	2494	4203	4203	2494	4203	2494
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/2002	12/19/2002	6/17/2002	12/17/2002	12/17/2002	6/18/2002	12/17/2002	6/18/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	PESTICIDES									
309-00-2	Aldrin	ug/L	0.0026 JP	0.052 U	0.0081 JP	0.051 U	0.051 U	0.0018 JP	0.051 U	0.054 U
319-84-6	alpha-BHC	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
5103-71-9	alpha-Chlordane	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
319-85-7	beta-BHC	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
72-54-8	4,4'-DDD	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
72-55-9	4,4'-DDE	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
50-29-3	4,4'-DDT	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
319-86-8	delta-BHC	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
60-57-1	Dieldrin	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
959-98-8	Endosulfan I	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
33213-65-9	Endosulfan II	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
1031-07-8	Endosulfan sulfate	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
72-20-8	Endrin	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
7421-93-4	Endrin aldehyde	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
53494-70-5	Endrin ketone	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
58-89-9	gamma-BHC	ug/L	0.055 U		0.05 U			0.053 U		0.054 U
5103-74-2	gamma-Chlordane	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
76-44-8	Heptachlor	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
1024-57-3	Heptachlor epoxide	ug/L	0.055 U	0.052 U	0.05 U	0.051 U	0.051 U	0.053 U	0.051 U	0.054 U
72-43-5	Methoxychlor	ug/L	0.55 U	0.52 U	0.5 U	0.51 U	0.51 U	0.53 U	0.51 U	0.54 U
8001-35-2	Toxaphene	ug/L	5.5 U	5.2 U	5 U	5.1 U	5.1 U	5.3 U	5.1 U	5.4 U
	PCBS									
12674-11-2	Aroclor-1016	ug/L	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1.1 U
11104-28-2	Aroclor-1221	ug/L	2.2 U	2.1 U	2 U	2 U	2 U	2.1 U	2 U	2.2 U
11141-16-5	Aroclor-1232	ug/L	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1.1 U
53469-21-9	Aroclor-1242	ug/L	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1.1 U
12672-29-6	Aroclor-1248	ug/L	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1.1 U
11097-69-1	Aroclor-1254	ug/L	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1.1 U
11096-82-5	Aroclor-1260	ug/L	1.1 U	1 U	1 U	1 U	1 U	1.1 U	1 U	1.1 U
	INORGANICS									
7429-90-5	Aluminum	ug/L	41.6 B	18.8 U	3660	11500	10300	27800	26800	567
7440-36-0	Antimony	ug/L	2.3 U	2.1 U	2.3 U	2.1 U	2.1 U	2.3 U	2.1 U	2.3 U
7440-38-2	Arsenic	ug/L	2.2 U	1.7 U	28.7	36.8	36	48.9	50.9	2.6 B
7440-39-3	Barium	ug/L	0.87 B	0.34 U	419	1170	1140	375	411	160 B
7440-41-7	Beryllium	ug/L	0.23 B	0.01 U	0.16 B	0.63 B	0.48 B	1.3 B	1.3 B	0.13 U
7440-43-9	Cadmium	ug/L	0.31 U	0.37 U	0.31 U	0.37 U	0.37 U	0.31 U	0.37 U	0.31 U
7440-70-2	Calcium	ug/L	291 B	44.4 B	273000	279000	265000	473000	454000	106000
7440-47-8	Chromium	ug/L	2.2 B E	1.2 U	9.2 B E	21	19.6	68.6 E	62.2	4.9 B E
7440-48-4	Cobalt	ug/L	2.4 B	1.6 U	1.2 U	5.4 B	5 B	17.1 B	15.6 B	1.2 U
7440-50-8	Copper	ug/L	1.3 U	0.89 U	6.9 B	23 B	19.6 B	62.6	60.7	1.3 U
7439-89-6	Iron	ug/L	21.8 B	9 B	14000	30600	28300	55600	54000	14100
7439-92-1	Lead	ug/L	1.8 U N	0.78 U	5.8 N	10.6	9.5	47.3 N	46.1	1.8 U N
7439-95-4	Magnesium	ug/L	45.2 B	12.5 U	65900	71700	68000	113000	125000	28500
7439-96-5	Manganese	ug/L	1.5 B	0.25 U	406	563	472	1520	1510	460
7439-97-6	Mercury	ug/L	0.12 U	0.02 U	0.12 U	0.02 U	0.02 U	0.12 U	0.06 B	0.12 U
7440-02-0	Nickel	ug/L	2.9 B	1.6 U	2.2 B	19 B	17.4 B	53.4	47.9	10.3 B
7440-09-7	Potassium	ug/L	83.4 U	73.6 U	3920 B	5210	4920 B	9800	9290	7440
7782-49-2	Selenium	ug/L	1.5 U	1.8 U	1.5 U	1.8 U	1.8 U	1.5 U	1.8 U	1.5 U
7440-22-4	Silver	ug/L	1.8 U	1.2 U	1.8 U	1.2 U	1.2 U	1.8 U	1.2 U	1.8 U
7440-23-5	Sodium	ug/L	28.1 B E	64 B	40800 E	42000	42000	16000 E	17300	60700 E
7440-28-0	Thallium	ug/L	4.9 B	3.6 U	4.8 U	3.6 U	3.6 U	4.8 U	3.6 U	4.8 U
7440-62-2	Vanadium	ug/L	1.1 U	0.85 U	8.4 B	23.1 B	21 B	52.2	52.4	3.2 B
7440-66-6	Zinc	ug/L	3.3 B	1.4 B	38.8	66.4	64.2	235	181	56.6
57-12-5	Cyanide	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Cherry Farm Groundwater 2002		Sample ID:	MW-3	MW-3	MW-4	MW-4	MW-5 RE	MW-5	MW-5	MW-6
		Lab Sample	V4310	Z7443	V4311	Z7814	V4312RE	V4312	Z7815	V4636
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	2494	4203	2494	4203	2494	2494	4203	2494
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/18/2002	12/17/2002	6/18/2002	12/18/2002	6/18/2002	6/18/2002	12/18/2002	6/19/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/L	10 U	4 JB	10 U	4 JB		10 U	4 JB	10 U
71-43-2	Benzene	ug/L	10 U	10 U	10 U	10 U		86	52	10 U
75-27-4	Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
75-25-2	Bromoform	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
74-83-9	Bromomethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
78-93-3	2-Butanone,	ug/L	10 U	10 U	10 U	10 U		10 U	1 J	10 U
75-15-0	Carbon disulfide	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
56-23-5	Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
75-00-3	Chloroethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
67-66-3	Chloroform	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
74-87-3	Chloromethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/L	10 U	10 U	10 U	10 U		7 J	4 J	10 U
591-78-6	2-Hexanone	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
75-09-2	Methylene chloride	ug/L	1 J	1 JB	1 J	1 JB		10 U	0.5 JB	10 U
100-42-5	Styrene	ug/L	10 U	10 U	10 U	10 U		10 U	1 J	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
108-88-3	Toluene	ug/L	10 U	10 U	10 U	10 U		7 J	5 J	10 U
156-60-5	trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
79-01-6	Trichloroethene	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
75-01-4	Vinyl chloride	ug/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U
1330-20-7	Xylene (total)	ug/L	10 U	10 U	10 U	10 U		31	17	10 U

Cherry Farm Groundwater 2002		Sample ID:	MW-3	MW-3	MW-4	MW-4	MW-5 RE	MW-5	MW-5	MW-6
		Lab Sample	V4310	Z7443	V4311	Z7814	V4312RE	V4312	Z7815	V4636
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	2494	4203	2494	4203	2494	2494	4203	2494
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/18/2002	12/17/2002	6/18/2002	12/18/2002	6/18/2002	6/18/2002	12/18/2002	6/19/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	11 U	10 U	10 U	1 J	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	11 U	10 U	10 U	11 U	16	16	13	10 U
84-74-2	Di-n-butyl phthalate	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U
51-28-5	2,4-Dinitrophenol	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U
121-14-2	2,4-Dinitrotoluene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	11 U	10 U	10 U	11 U	2 J	2 J	2 J	10 U
106-44-5	4-Methylphenol	ug/L	11 U	10 U	10 U	11 U	4 J	4 J	4 J	10 U
91-20-3	Naphthalene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	13	10 U
88-74-4	2-Nitroaniline	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U
99-09-2	3-Nitroaniline	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U
100-01-6	4-Nitroaniline	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U
98-95-3	Nitrobenzene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U
85-01-8	Phenanthrene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	11 U	10 U	10 U	11 U	10 J	10	4 J	10 U
129-00-0	Pyrene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/L	11 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U
95-95-4	Trichlorophenol 2,4,5	ug/L	26 U	26 U	26 U	26 U	26 U	26 U	26 U	26 U

Cherry Farm Groundwater 2002		Sample ID:	MW-3	MW-3	MW-4	MW-4	MW-5 RE	MW-5	MW-5	MW-6
		Lab Sample	V4310	Z7443	V4311	Z7814	V4312RE	V4312	Z7815	V4636
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	2494	4203	2494	4203	2494	2494	4203	2494
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/18/2002	12/17/2002	6/18/2002	12/18/2002	6/18/2002	6/18/2002	12/18/2002	6/19/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	PESTICIDES									
309-00-2	Aldrin	ug/L	0.052 U	0.051 U	0.024 JP	0.051 U		0.044 JP	0.051 U	0.012 JP
319-84-6	alpha-BHC	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.053 U	0.051 U	0.051 U
5103-71-9	alpha-Chlordane	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.053 U	0.051 U	0.051 U
319-85-7	beta-BHC	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.0079 JP	0.051 U	0.051 U
72-54-8	4,4'-DDD	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
319-86-8	delta-BHC	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.053 U	0.051 U	0.051 U
60-57-1	Dieldrin	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
959-98-8	Endosulfan I	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.053 U	0.051 U	0.051 U
33213-65-9	Endosulfan II	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
72-20-8	Endrin	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
53494-70-5	Endrin ketone	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U
58-89-9	gamma-BHC	ug/L	0.052 U		0.051 U			0.053 U		0.051 U
5103-74-2	gamma-Chlordane	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.0075 JP	0.051 U	0.051 U
76-44-8	Heptachlor	ug/L	0.052 U	0.051 U	0.051 U	0.051 U		0.053 U	0.051 U	0.051 U
1024-57-3	Heptachlor epoxide	ug/L	0.052 U	0.051 U	0.0023 JP	0.051 U		0.0074 J	0.051 U	0.051 U
72-43-5	Methoxychlor	ug/L	0.52 U	0.51 U	0.51 U	0.51 U		0.53 U	0.51 U	0.51 U
8001-35-2	Toxaphene	ug/L	5.2 U	5.1 U	5.1 U	5.1 U		5.3 U	5.1 U	5.1 U
	PCBS									
12674-11-2	Aroclor-1016	ug/L	1 U	1 U	1 U	1 U		1.1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/L	2.1 U	2 U	2 U	2 U		2.1 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/L	1 U	1 U	1 U	1 U		1.1 U	1 U	1 U
53469-21-9	Aroclor-1242	ug/L	1 U	1 U	1 U	1 U		1.1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/L	1 U	1 U	1 U	1 U		1.1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/L	1 U	1 U	1 U	1 U		1.1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/L	1 U	1 U	1 U	1 U		1.1 U	1 U	1 U
	INORGANICS									
7429-90-5	Aluminum	ug/L	604	763	1140	324		573	272	357
7440-36-0	Antimony	ug/L	2.3 U	2.1 U	2.3 U	2.1 U		2.3 U	2.1 U	2.3 U
7440-38-2	Arsenic	ug/L	2.7 B	4.2 B	18	13.8		11.5	10.7	2.2 U
7440-39-3	Barium	ug/L	155 B	237	137 B	163 B		158 B	187 B	111 B
7440-41-7	Beryllium	ug/L	0.13 B	0.15 B	0.13 U	0.01 U		0.21 B	0.14 B	0.17 B
7440-43-9	Cadmium	ug/L	0.31 U	0.37 U	0.58 B	0.43 B		0.31 U	0.37 U	0.31 U
7440-70-2	Calcium	ug/L	101000	105000	104000	119000		50300	94500	235000
7440-47-8	Chromium	ug/L	6.4 B E	14.2	7.3 B E	6 B		15.4 E	5.8 B	4.1 B E
7440-48-4	Cobalt	ug/L	1.2 U	1.6 U	1.2 U	1.6 U		1.2 U	1.6 U	1.2 U
7440-50-8	Copper	ug/L	1.3 U	2.7 B	1.6 B	0.89 U		17.2 B	11.3 B	2.3 B
7439-89-6	Iron	ug/L	13600	15700	14500	12400		14100	19100	46700
7439-92-1	Lead	ug/L	1.8 U N	0.78 U	2.4 B N	0.78 U		7.7 N	3.8	1.8 U N
7439-95-4	Magnesium	ug/L	27800	30400	28000	34500		13800	25300	53600
7439-96-5	Manganese	ug/L	444	485	1610	569		212	188	2900
7439-97-6	Mercury	ug/L	0.12 U	0.02 U	0.12 U	0.02 U		0.12 U	0.02 U	0.12 U
7440-02-0	Nickel	ug/L	1.4 U	5.9 B	1.4 U	1.6 U		4 B	1.6 U	1.4 U
7440-09-7	Potassium	ug/L	7350	7980	4430 B	2250 B		34000	23100	22500
7782-49-2	Selenium	ug/L	2 B	1.8 U	1.5 U	1.8 U		1.6 B	1.8 U	1.5 U
7440-22-4	Silver	ug/L	1.8 U	1.2 U	1.8 U	1.2 U		1.8 U	1.2 U	1.8 U
7440-23-5	Sodium	ug/L	58900 E	57000	145000 E	50700		95500 E	80500	55400 E
7440-28-0	Thallium	ug/L	4.8 U	3.6 U	4.8 U	3.6 U		4.8 U	3.6 U	4.8 U
7440-62-2	Vanadium	ug/L	3.8 B	6.3 B	6.4 B	2.8 B		8.6 B	7.9 B	1.1 U
7440-66-6	Zinc	ug/L	46	16.8 B	30.6	11.7 B		48.9	8.5 B	270
57-12-5	Cyanide	ug/L	10 U	10 U	16.3	10 U		10 U	19.6	10 U

Cherry Farm Groundwater 2002		Sample ID:	MW-6	MW-7	MW-7	S-1	S-1 DL
		Lab Sample	Z7812	V4634	Z9833	V4632	V4632DL
		Depth:					
		Source:	OB	OB	OB	OB	OB
		SDG:	4203	2494	4203	2494	2494
		Matrix:	Water	Water	Water	Water	Water
		Sampled:	12/18/2002	6/19/2002	12/19/2002	6/19/2002	6/19/2002
		Validated:					
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
67-64-1	Acetone	ug/L	4 JB	10 U	3 JB	10 U	
71-43-2	Benzene	ug/L	10 U	10 U	10 U	10 U	
75-27-4	Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	
75-25-2	Bromoform	ug/L	10 U	10 U	10 U	10 U	
74-83-9	Bromomethane	ug/L	10 U	10 U	10 U	10 U	
78-93-3	2-Butanone,	ug/L	10 U	10 U	10 U	10 U	
75-15-0	Carbon disulfide	ug/L	10 U	10 U	10 U	15	
56-23-5	Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	
108-90-7	Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	
75-00-3	Chloroethane	ug/L	10 U	10 U	10 U	10 U	
67-66-3	Chloroform	ug/L	10 U	10 U	10 U	10 U	
74-87-3	Chloromethane	ug/L	10 U	10 U	10 U	10 U	
156-59-2	cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	
10061-01-5	cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	
124-48-1	Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	
75-34-3	1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	
107-06-2	1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	
75-35-4	1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	
78-87-5	1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	
100-41-4	Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	
591-78-6	2-Hexanone	ug/L	10 U	10 U	10 U	10 U	
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U	
75-09-2	Methylene chloride	ug/L	1 JB	1 J	1 JB	2 J	
100-42-5	Styrene	ug/L	10 U	10 U	10 U	10 U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	
127-18-4	Tetrachloroethene	ug/L	10 U	10 U	10 U	10 U	
108-88-3	Toluene	ug/L	10 U	10 U	10 U	10 U	
156-60-5	trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	
10061-02-6	trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	
71-55-6	1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	
79-00-5	1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	
79-01-6	Trichloroethene	ug/L	10 U	10 U	10 U	10 U	
75-01-4	Vinyl chloride	ug/L	10 U	10 U	10 U	10 U	
1330-20-7	Xylene (total)	ug/L	10 U	10 U	10 U	10 U	

Cherry Farm Groundwater 2002		Sample ID:	MW-6	MW-7	MW-7	S-1	S-1 DL
		Lab Sample	Z7812	V4634	Z9833	V4632	V4632DL
		Depth:					
		Source:	OB	OB	OB	OB	OB
		SDG:	4203	2494	4203	2494	2494
		Matrix:	Water	Water	Water	Water	Water
		Sampled:	12/18/2002	6/19/2002	12/19/2002	6/19/2002	6/19/2002
		Validated:					
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	100 U	1000 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	100 U	1000 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	100 U	1000 U
56-55-3	Benzo[a]anthracene	ug/L	10 U	10 U	9 J	29 J D	1000 U
50-32-8	Benzo[a]pyrene	ug/L	10 U	10 U	7 J	26 J D	1000 U
205-99-2	Benzo[b]fluoranthene	ug/L	10 U	10 U	14	45 J D	1000 U
191-24-2	Benzo[g,h,i]perylene	ug/L	10 U	10 U	4 J	100 U	1000 U
207-08-9	Benzo[k]fluoranthene	ug/L	10 U	10 U	4 J	14 J D	1000 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	100 U	1000 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	10 U	10 U	10 U	100 U	1000 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	10 U	10 U	11	32 J D	1000 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	100 U	1000 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	100 U	1000 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	100 U	1000 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	100 U	1000 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	100 U	1000 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	100 U	1000 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	100 U	1000 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	100 U	1000 U
218-01-9	Chrysene	ug/L	10 U	10 U	7 J	20 J D	1000 U
53-70-3	Dibenz[a,h]anthracene	ug/L	10 U	10 U	10 U	100 U	1000 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	100 U	1000 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	100 U	1000 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	100 U	1000 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	100 U	1000 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	10 U	10 U	10 U	100 U	1000 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	100 U	1000 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	100 U	1000 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	100 U	1000 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	6 J	26 J D	1000 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	100 U	1000 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	26 U	26 U	26 U	250 U	2500 U
51-28-5	2,4-Dinitrophenol	ug/L	26 U	26 U	26 U	250 U	2500 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	100 U	1000 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	100 U	1000 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	100 U	1000 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	13	43 J D	1000 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	100 U	1000 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	100 U	1000 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	100 U	1000 U
77-47-4	Hexachlorocyclopentadiene	ug/L	10 U	10 U	10 U	100 U	1000 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	100 U	1000 U
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	10 U	10 U	4 J	10 J D	1000 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	100 U	1000 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	100 U	1000 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	1 J	100 U	1000 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	3 J	13 J D	1000 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	100 U	1000 U
88-74-4	2-Nitroaniline	ug/L	26 U	26 U	26 U	250 U	2500 U
99-09-2	3-Nitroaniline	ug/L	26 U	26 U	26 U	250 U	2500 U
100-01-6	4-Nitroaniline	ug/L	26 U	26 U	26 U	250 U	2500 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	100 U	1000 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	100 U	1000 U
100-02-7	4-Nitrophenol	ug/L	26 U	26 U	26 U	250 U	2500 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	10 U	10 U	10 U	100 U	1000 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	100 U	1000 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	100 U	1000 U
87-86-5	Pentachlorophenol	ug/L	26 U	26 U	26 U	250 U	2500 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	100 U	1000 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U	100 U	1000 U
129-00-0	Pyrene	ug/L	10 U	10 U	26	86 J D	1000 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	100 U	1000 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	100 U	1000 U
95-95-4	Trichlorophenol 2,4,5	ug/L	26 U	26 U	26 U	250 U	2500 U

Cherry Farm Groundwater 2002		Sample ID:	MW-6	MW-7	MW-7	S-1	S-1 DL
		Lab Sample	Z7812	V4634	Z9833	V4632	V4632DL
		Depth:					
		Source:	OB	OB	OB	OB	OB
		SDG:	4203	2494	4203	2494	2494
		Matrix:	Water	Water	Water	Water	Water
		Sampled:	12/18/2002	6/19/2002	12/19/2002	6/19/2002	6/19/2002
		Validated:					
CAS NO.	COMPOUND	UNITS:					
	PESTICIDES						
309-00-2	Aldrin	ug/L	0.051 U	0.011 JP	0.051 U	0.28 U	2.8 U
319-84-6	alpha-BHC	ug/L	0.051 U	0.052 U	0.051 U	0.28 U	0.42 J PD
5103-71-9	alpha-Chlordane	ug/L	0.051 U	0.052 U	0.051 U	0.28 U	2.8 U
319-85-7	beta-BHC	ug/L	0.051 U	0.052 U	0.051 U	0.28 U	6.1 PD
72-54-8	4,4'-DDD	ug/L	0.1 U	0.1 U	0.1 U	0.56 U	5.6 U
72-55-9	4,4'-DDE	ug/L	0.1 U	0.1 U	0.1 U	9.3 E	6.2 PD
50-29-3	4,4'-DDT	ug/L	0.1 U	0.1 U	0.1 U	0.56 U	5.6 U
319-86-8	delta-BHC	ug/L	0.051 U	0.052 U	0.051 U	0.28 U	2.8 U
60-57-1	Dieldrin	ug/L	0.1 U	0.1 U	0.1 U	6.2 P	11 PD
959-98-8	Endosulfan I	ug/L	0.051 U	0.052 U	0.051 U	1.1 P	2.8 U
33213-65-9	Endosulfan II	ug/L	0.1 U	0.1 U	0.1 U	0.56 U	5.6 U
1031-07-8	Endosulfan sulfate	ug/L	0.1 U	0.1 U	0.1 U	0.56 U	2.3 J PD
72-20-8	Endrin	ug/L	0.1 U	0.1 U	0.1 U	2.5 P	3.7 J PD
7421-93-4	Endrin aldehyde	ug/L	0.1 U	0.1 U	0.1 U	2.7 P	9.8 PD
53494-70-5	Endrin ketone	ug/L	0.1 U	0.1 U	0.1 U	8.7 P	12 PD
58-89-9	gamma-BHC	ug/L		0.052 U		1.3 P	1.7 J PD
5103-74-2	gamma-Chlordane	ug/L	0.051 U	0.052 U	0.051 U	0.28 U	2.8 U
76-44-8	Heptachlor	ug/L	0.051 U	0.052 U	0.051 U	5.3 E P	7.1 PD
1024-57-3	Heptachlor epoxide	ug/L	0.051 U	0.052 U	0.051 U	0.28 U	2.8 U
72-43-5	Methoxychlor	ug/L	0.51 U	0.52 U	0.51 U	2.1 JP	1.9 J PD
8001-35-2	Toxaphene	ug/L	5.1 U	5.2 U	5.1 U	28 U	280 U
	PCBS						
12674-11-2	Aroclor-1016	ug/L	1 U	1 U	1 U	5.6 U	56 U
11104-28-2	Aroclor-1221	ug/L	2 U	2.1 U	2 U	11 U	110 U
11141-16-5	Aroclor-1232	ug/L	1 U	1 U	1 U	5.6 U	56 U
53469-21-9	Aroclor-1242	ug/L	1 U	1 U	1 U	5.6 U	56 U
12672-29-6	Aroclor-1248	ug/L	1 U	1 U	1 U	400 E	450 PD
11097-69-1	Aroclor-1254	ug/L	1 U	1 U	1 U	5.6 U	56 U
11096-82-5	Aroclor-1260	ug/L	1 U	1 U	1 U	200 E	280 D
	INORGANICS						
7429-90-5	Aluminum	ug/L	74.6 B	582	304	85.4 B	
7440-36-0	Antimony	ug/L	2.1 U	2.3 U	2.1 U	2.3 U	
7440-38-2	Arsenic	ug/L	1.9 B	19.9	21.3	4.9 B	
7440-39-3	Barium	ug/L	84 B	375	369	179 B	
7440-41-7	Beryllium	ug/L	0.01 U	0.22 B	0.01 U	0.13 B	
7440-43-9	Cadmium	ug/L	0.37 U	0.31 U	0.37 U	0.31 U	
7440-70-2	Calcium	ug/L	171000	112000	109000	75800	
7440-47-8	Chromium	ug/L	3.4 B	4.6 B E	11.5	1.7 B E	
7440-48-4	Cobalt	ug/L	1.6 U	1.2 U	1.6 U	1.2 U	
7440-50-8	Copper	ug/L	0.89 U	1.3 U	0.89 U	2.3 B	
7439-89-6	Iron	ug/L	36100	26500	26300	6050	
7439-92-1	Lead	ug/L	0.78 U	1.8 U N	0.78 U	2.6 B N	
7439-95-4	Magnesium	ug/L	44400	14200	13100	14100	
7439-96-5	Manganese	ug/L	2000	298	302	824	
7439-97-6	Mercury	ug/L	0.02 U	0.12 U	0.02 U	0.12 U	
7440-02-0	Nickel	ug/L	1.6 U	1.4 U	4.3 B	2 B	
7440-09-7	Potassium	ug/L	17200	13000	12600	24900	
7782-49-2	Selenium	ug/L	1.8 U	1.5 U	1.8 U	1.5 U	
7440-22-4	Silver	ug/L	1.2 U	1.8 U	1.2 U	1.8 U	
7440-23-5	Sodium	ug/L	44900	27800 E	27200	99700 E	
7440-28-0	Thallium	ug/L	3.6 U	4.8 U	3.6 U	4.8 U	
7440-62-2	Vanadium	ug/L	2.1 B	1.4 B	1.8 B	1.1 U	
7440-66-6	Zinc	ug/L	1.3 B	12.2 B	20.4	13.6 B	
57-12-5	Cyanide	ug/L	15.7	10 U	11.8	10 U	

Cherry Farm Groundwater 2002		Sample ID:	S-1	S-1 RE	S-1DL	S-2	S-2	S-3	S-3	S-3 RE
		Lab Sample	Z7813	Z7813RE	Z7813DL	V4633	Z7442	V4307	Z9835	Z9835RE
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	4203	4219	4203	2494	4203	2494	4203	4249
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/18/2002	12/18/2002	12/18/2002	6/19/2002	12/17/2002	6/17/2002	12/19/2002	12/19/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/L	6 JB	6 JB		10 U	3 JB	10 U	4 JB	4 JB
71-43-2	Benzene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone,	ug/L	2 J	2 J		10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon tetrachloride	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/L	0.8 J	0.7 J		10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/L	10 U	10 U		2 J	1 J	2 J	2 J	2 J
107-06-2	1,2-Dichloroethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U		10 U	10 U	10 U	1 J	10 U
75-09-2	Methylene chloride	ug/L	0.7 JB	1 JB		10 U	0.8 JB	1 J	1 JB	0.6 JB
100-42-5	Styrene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl chloride	ug/L	10 U	10 U		10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	ug/L	10 U	10 U		3 J	10 U	3 J	10 U	10 U

Cherry Farm Groundwater 2002		Sample ID:	S-1	S-1 RE	S-1DL	S-2	S-2	S-3	S-3	S-3 RE
		Lab Sample	Z7813	Z7813RE	Z7813DL	V4633	Z7442	V4307	Z9835	Z9835RE
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	4203	4219	4203	2494	4203	2494	4203	4249
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/18/2002	12/18/2002	12/18/2002	6/19/2002	12/17/2002	6/17/2002	12/19/2002	12/19/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/L	530 U			11 U	10 U	10 U	10 U	
208-96-8	Acenaphthylene	ug/L	530 U			11 U	10 U	10 U	10 U	
120-12-7	Anthracene	ug/L	530 U			11 U	10 U	10 U	10 U	
56-55-3	Benzo[a]anthracene	ug/L	530 U			11 U	10 U	10 U	10 U	
50-32-8	Benzo[a]pyrene	ug/L	530 U			11 U	10 U	10 U	10 U	
205-99-2	Benzo[b]fluoranthene	ug/L	57 JD			11 U	10 U	10 U	10 U	
191-24-2	Benzo[g,h,i]perylene	ug/L	530 U			11 U	10 U	10 U	10 U	
207-08-9	Benzo[k]fluoranthene	ug/L	530 U			11 U	10 U	10 U	10 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	530 U			11 U	10 U	10 U	10 U	
111-44-4	bis(2-Chloroethyl)ether	ug/L	530 U			11 U	10 U	10 U	10 U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	530 U			11 U	4 J	10 U	10 U	
101-55-3	4-Bromophenyl phenyl ether	ug/L	530 U			11 U	10 U	10 U	10 U	
85-68-7	Butyl benzyl phthalate	ug/L	530 U			11 U	10 U	10 U	10 U	
86-74-8	Carbazole	ug/L	530 U			11 U	10 U	10 U	10 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	530 U			11 U	10 U	10 U	10 U	
106-47-8	4-Chloroaniline	ug/L	530 U			11 U	10 U	10 U	10 U	
91-58-7	2-Chloronaphthalene	ug/L	530 U			11 U	10 U	10 U	10 U	
95-57-8	2-Chlorophenol	ug/L	530 U			11 U	10 U	10 U	10 U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	530 U			11 U	10 U	10 U	10 U	
218-01-9	Chrysene	ug/L	530 U			11 U	10 U	10 U	10 U	
53-70-3	Dibenz[a,h]anthracene	ug/L	530 U			11 U	10 U	10 U	10 U	
132-64-9	Dibenzofuran	ug/L	530 U			11 U	10 U	10 U	10 U	
95-50-1	1,2-Dichlorobenzene	ug/L	530 U			11 U	10 U	10 U	10 U	
541-73-1	1,3-Dichlorobenzene	ug/L	530 U			11 U	10 U	10 U	10 U	
106-46-7	1,4-Dichlorobenzene	ug/L	530 U			11 U	10 U	10 U	10 U	
91-94-1	3,3'-Dichlorobenzidine	ug/L	530 U			11 U	10 U	10 U	10 U	
120-83-2	2,4-Dichlorophenol	ug/L	530 U			11 U	10 U	10 U	10 U	
84-66-2	Diethyl phthalate	ug/L	530 U			11 U	10 U	10 U	10 U	
131-11-3	Dimethyl phthalate	ug/L	530 U			11 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	ug/L	530 U			16	10 U	19	10 U	
84-74-2	Di-n-butyl phthalate	ug/L	530 U			11 U	10 U	10 U	10 U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	1300 U			26 U	26 U	25 U	26 U	
51-28-5	2,4-Dinitrophenol	ug/L	1300 U			26 U	26 U	25 U	26 U	
121-14-2	2,4-Dinitrotoluene	ug/L	530 U			11 U	10 U	10 U	10 U	
606-20-2	2,6-Dinitrotoluene	ug/L	530 U			11 U	10 U	10 U	10 U	
117-84-0	Di-n-octyl phthalate	ug/L	530 U			11 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	ug/L	98 JD			11 U	10 U	10 U	10 U	
86-73-7	Fluorene	ug/L	530 U			11 U	10 U	10 U	10 U	
118-74-1	Hexachlorobenzene	ug/L	530 U			11 U	10 U	10 U	10 U	
87-68-3	Hexachlorobutadiene	ug/L	530 U			11 U	10 U	10 U	10 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	530 U			11 U	10 U	10 U	10 U	
67-72-1	Hexachloroethane	ug/L	530 U			11 U	10 U	10 U	10 U	
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	530 U			11 U	10 U	10 U	10 U	
78-59-1	Isophorone	ug/L	530 U			11 U	10 U	10 U	10 U	
91-57-6	2-Methylnaphthalene	ug/L	530 U			11 U	10 U	1 J	10 U	
95-48-7	2-Methylphenol	ug/L	530 U			3 J	10 U	14	10 U	
106-44-5	4-Methylphenol	ug/L	530 U			5 J	10 U	33	10 U	
91-20-3	Naphthalene	ug/L	530 U			3 J	10 U	7 J	10 U	
88-74-4	2-Nitroaniline	ug/L	1300 U			26 U	26 U	25 U	26 U	
99-09-2	3-Nitroaniline	ug/L	1300 U			26 U	26 U	25 U	26 U	
100-01-6	4-Nitroaniline	ug/L	1300 U			26 U	26 U	25 U	26 U	
98-95-3	Nitrobenzene	ug/L	530 U			11 U	10 U	10 U	10 U	
88-75-5	2-Nitrophenol	ug/L	530 U			11 U	10 U	10 U	10 U	
100-02-7	4-Nitrophenol	ug/L	1300 U			26 U	26 U	25 U	26 U	
621-64-7	N-Nitroso-di-n-propylamine	ug/L	530 U			11 U	10 U	10 U	10 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	530 U			11 U	10 U	10 U	10 U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	530 U			11 U	10 U	10 U	10 U	
87-86-5	Pentachlorophenol	ug/L	1300 U			26 U	26 U	25 U	26 U	
85-01-8	Phenanthrene	ug/L	530 U			11 U	10 U	10 U	10 U	
108-95-2	Phenol	ug/L	530 U			11 U	10 U	10 U	10 U	
129-00-0	Pyrene	ug/L	120 JD			11 U	10 U	10 U	10 U	
120-82-1	1,2,4-Trichlorobenzene	ug/L	530 U			11 U	10 U	10 U	10 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	530 U			11 U	10 U	10 U	10 U	
95-95-4	Trichlorophenol 2,4,5	ug/L	1300 U			26 U	26 U	25 U	26 U	

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2002		Sample ID:	S-1	S-1 RE	S-1DL	S-2	S-2	S-3	S-3	S-3 RE
		Lab Sample	Z7813	Z7813RE	Z7813DL	V4633	Z7442	V4307	Z9835	Z9835RE
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	4203	4219	4203	2494	4203	2494	4203	4249
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/18/2002	12/18/2002	12/18/2002	6/19/2002	12/17/2002	6/17/2002	12/19/2002	12/19/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	PESTICIDES									
309-00-2	Aldrin	ug/L	0.26 U		2.6 U	0.046 J	0.051 U	0.036 JP	0.052 U	
319-84-6	alpha-BHC	ug/L	0.26		2.6 U	0.052 U	0.051 U	0.051 U	0.052 U	
5103-71-9	alpha-Chlordane	ug/L	0.26 U		2.6 U	0.052 U	0.051 U	0.051 U	0.052 U	
319-85-7	beta-BHC	ug/L	0.26 U		2.6 U	0.0047 JP	0.051 U	0.0053 JP	0.052 U	
72-54-8	4,4'-DDD	ug/L	0.52 U		5.2 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-55-9	4,4'-DDE	ug/L	0.69 P		1.2 JPD	0.1 U	0.1 U	0.1 U	0.18 P	
50-29-3	4,4'-DDT	ug/L	0.52 U		5.2 U	0.0018 JP	0.1 U	0.0097 JP	0.1 U	
319-86-8	delta-BHC	ug/L	0.26 U		2.6 U	0.052 U	0.051 U	0.051 U	0.052 U	
60-57-1	Dieldrin	ug/L	0.88		1.8 JD	0.1 U	0.1 U	0.1 U	0.21	
959-98-8	Endosulfan I	ug/L	0.095 JP		0.23 JPD	0.0038 JP	0.026 J	0.0064 JP	0.059 P	
33213-65-9	Endosulfan II	ug/L	0.082 JP		5.2 U	0.1 U	0.1 U	0.1 U	0.1 U	
1031-07-8	Endosulfan sulfate	ug/L	0.52 U		5.2 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-20-8	Endrin	ug/L	0.52 U		5.2 U	0.1 U	0.1 U	0.1 U	0.1 U	
7421-93-4	Endrin aldehyde	ug/L	0.26 JP		0.42 JPD	0.1 U	0.1 U	0.1 U	0.07 JP	
53494-70-5	Endrin ketone	ug/L	0.52 U		5.2 U	0.1 U	0.1 U	0.1 U	0.1 U	
58-89-9	gamma-BHC	ug/L				0.052 U		0.051 U		
5103-74-2	gamma-Chlordane	ug/L	0.53 P		2.6 U	0.052 U	0.051 U	0.051 U	0.13 P	
76-44-8	Heptachlor	ug/L	0.26 U		2.6 U	0.052 U	0.051 U	0.0046 J	0.052 U	
1024-57-3	Heptachlor epoxide	ug/L	0.26 U		2.6 U	0.052 U	0.051 U	0.051 U	0.052 U	
72-43-5	Methoxychlor	ug/L	2.6 U		26 U	0.52 U	0.51 U	0.51 U	0.52 U	
8001-35-2	Toxaphene	ug/L	26 U		260 U	5.2 U	5.1 U	5.1 U	5.2 U	
	PCBS									
12674-11-2	Aroclor-1016	ug/L	5.2 U		52 U	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor-1221	ug/L	10 U		100 U	2.1 U	2 U	2 U	2.1 U	
11141-16-5	Aroclor-1232	ug/L	5.2 U		52 U	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor-1242	ug/L	5.2 U		52 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor-1248	ug/L	54 P		90 D	1 U	1 U	1 U	13	
11097-69-1	Aroclor-1254	ug/L	5.2 U		52 U	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor-1260	ug/L	22		34 JD	1 U	1 U	1 U	6	
	INORGANICS									
7429-90-5	Aluminum	ug/L	3380			707	221	388	497	
7440-36-0	Antimony	ug/L	2.1 U			3.9 B	2.2 B	2.8 B	3.8 B	
7440-38-2	Arsenic	ug/L	13.3			5.7 B	5.7 B	3.6 B	4.8 B	
7440-39-3	Barium	ug/L	292			60 B	50.6 B	32.8 B	36.6 B	
7440-41-7	Beryllium	ug/L	0.17 B			0.13 B	0.1 U	0.13 U	0.01 U	
7440-43-9	Cadmium	ug/L	0.37 U			0.31 U	0.37 U	0.31 U	0.37 U	
7440-70-2	Calcium	ug/L	87000			144000	104000	106000	91800	
7440-47-8	Chromium	ug/L	7.4 B			0.93 UE	1.2 U	0.93 UE	1.2 U	
7440-48-4	Cobalt	ug/L	1.6 U			1.2 U	1.6 U	1.2 U	1.6 U	
7440-50-8	Copper	ug/L	21.1 B			6.2 B	2.8 B	1.3 U	0.89 U	
7439-89-6	Iron	ug/L	16600			960	96.8 B	36.6 B	61.7 B	
7439-92-1	Lead	ug/L	19.9			1.8 UN	0.78 U	1.8 UN	0.78 U	
7439-95-4	Magnesium	ug/L	14800			223 B	135 B	317 B	152 B	
7439-96-5	Manganese	ug/L	1660			34.9	3.3 B	6.6 B	0.92 B	
7439-97-6	Mercury	ug/L	0.02 U			0.12 U	0.02 U	0.12 U	0.02 U	
7440-02-0	Nickel	ug/L	14.1 B			1.4 U	1.6 U	1.4 U	1.6 U	
7440-09-7	Potassium	ug/L	19500			42200	40400	43100	41300	
7782-49-2	Selenium	ug/L	1.8 U			3.3 B	4.4 B	2.5 B	2.8 B	
7440-22-4	Silver	ug/L	1.2 U			1.8 U	1.2 U	1.8 U	1.2 U	
7440-23-5	Sodium	ug/L	103000			63200 E	50900	64700 E	55900	
7440-28-0	Thallium	ug/L	3.6 U			4.8 U	3.6 U	4.8 U	3.6 U	
7440-62-2	Vanadium	ug/L	10.3 B			14 B	44.8 B	16.9 B	27.5 B	
7440-66-6	Zinc	ug/L	133			28.9	3.4 B	23.6	2.2 B	
57-12-5	Cyanide	ug/L	10 U			16.9	39.4	40.6	49.9	

Cherry Farm Groundwater 2002		Sample ID:	S-3DL	S-4	S-4	SW-1	storage blank	storage blank	trip blank	trip blank
		Lab Sample	Z9835DL	V4635	Z7445	Z7446	V4337	Z7447	V4314	Z7448
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	4203	2494	4203	4203	2494	4203	2494	4203
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/19/2002	6/19/2002	12/17/2002	12/17/2002	6/19/2002	12/18/2002	6/17/2002	12/17/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
67-64-1	Acetone	ug/L		10 U	2 JB	2 JB	10 U	2 JB	10 U	2 JB
71-43-2	Benzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone,	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon tetrachloride	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	ug/L		1 J	0.9 JB	0.8 JB	10 U	0.9 JB	10 U	1 JB
100-42-5	Styrene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl chloride	ug/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	ug/L		10 U	0.5 J	10 U	10 U	10 U	10 U	10 U

Cherry Farm Groundwater 2002		Sample ID:	S-3DL	S-4	S-4	SW-1	storage blank	storage blank	trip blank	trip blank
		Lab Sample	Z9835DL	V4635	Z7445	Z7446	V4337	Z7447	V4314	Z7448
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	4203	2494	4203	4203	2494	4203	2494	4203
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/19/2002	6/19/2002	12/17/2002	12/17/2002	6/19/2002	12/18/2002	6/17/2002	12/17/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	SEMIVOLATILES									
83-32-9	Acenaphthene	ug/L		10 U	10 U	11 U				
208-96-8	Acenaphthylene	ug/L		10 U	10 U	11 U				
120-12-7	Anthracene	ug/L		10 U	10 U	11 U				
56-55-3	Benzo[a]anthracene	ug/L		10 U	10 U	11 U				
50-32-8	Benzo[a]pyrene	ug/L		10 U	10 U	11 U				
205-99-2	Benzo[b]fluoranthene	ug/L		10 U	10 U	11 U				
191-24-2	Benzo[g,h,i]perylene	ug/L		10 U	10 U	11 U				
207-08-9	Benzo[k]fluoranthene	ug/L		10 U	10 U	11 U				
111-91-1	bis(2-Chloroethoxy)methane	ug/L		10 U	10 U	11 U				
111-44-4	bis(2-Chloroethyl)ether	ug/L		10 U	10 U	11 U				
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L		5 J	10 U	11 U				
101-55-3	4-Bromophenyl phenyl ether	ug/L		10 U	10 U	11 U				
85-68-7	Butyl benzyl phthalate	ug/L		10 U	10 U	11 U				
86-74-8	Carbazole	ug/L		10 U	10 U	11 U				
59-50-7	4-Chloro-3-methylphenol	ug/L		10 U	2 J	11 U				
106-47-8	4-Chloroaniline	ug/L		10 U	10 U	11 U				
91-58-7	2-Chloronaphthalene	ug/L		10 U	10 U	11 U				
95-57-8	2-Chlorophenol	ug/L		10 U	10 U	11 U				
7005-72-3	4-Chlorophenyl phenyl ether	ug/L		10 U	10 U	11 U				
218-01-9	Chrysene	ug/L		10 U	10 U	11 U				
53-70-3	Dibenz[a,h]anthracene	ug/L		10 U	10 U	11 U				
132-64-9	Dibenzofuran	ug/L		10 U	10 U	11 U				
95-50-1	1,2-Dichlorobenzene	ug/L		10 U	10 U	11 U				
541-73-1	1,3-Dichlorobenzene	ug/L		10 U	10 U	11 U				
106-46-7	1,4-Dichlorobenzene	ug/L		10 U	10 U	11 U				
91-94-1	3,3'-Dichlorobenzidine	ug/L		10 U	10 U	11 U				
120-83-2	2,4-Dichlorophenol	ug/L		10 U	10 U	11 U				
84-66-2	Diethyl phthalate	ug/L		10 U	10 U	11 U				
131-11-3	Dimethyl phthalate	ug/L		10 U	10 U	11 U				
105-67-9	2,4-Dimethylphenol	ug/L		10 U	1 J	11 U				
84-74-2	Di-n-butyl phthalate	ug/L		10 U	10 U	11 U				
534-52-1	4,6-Dinitro-2-methylphenol	ug/L		26 U	25 U	26 U				
51-28-5	2,4-Dinitrophenol	ug/L		26 U	25 U	26 U				
121-14-2	2,4-Dinitrotoluene	ug/L		10 U	10 U	11 U				
606-20-2	2,6-Dinitrotoluene	ug/L		10 U	10 U	11 U				
117-84-0	Di-n-octyl phthalate	ug/L		10 U	10 U	11 U				
206-44-0	Fluoranthene	ug/L		10 U	10 U	11 U				
86-73-7	Fluorene	ug/L		10 U	10 U	11 U				
118-74-1	Hexachlorobenzene	ug/L		10 U	10 U	11 U				
87-68-3	Hexachlorobutadiene	ug/L		10 U	10 U	11 U				
77-47-4	Hexachlorocyclopentadiene	ug/L		10 U	10 U	11 U				
67-72-1	Hexachloroethane	ug/L		10 U	10 U	11 U				
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L		10 U	10 U	11 U				
78-59-1	Isophorone	ug/L		10 U	10 U	11 U				
91-57-6	2-Methylnaphthalene	ug/L		10 U	10 U	11 U				
95-48-7	2-Methylphenol	ug/L		10 U	10 U	11 U				
106-44-5	4-Methylphenol	ug/L		10 U	10 U	11 U				
91-20-3	Naphthalene	ug/L		10 U	2 J	11 U				
88-74-4	2-Nitroaniline	ug/L		26 U	25 U	26 U				
99-09-2	3-Nitroaniline	ug/L		26 U	25 U	26 U				
100-01-6	4-Nitroaniline	ug/L		26 U	25 U	26 U				
98-95-3	Nitrobenzene	ug/L		10 U	10 U	11 U				
88-75-5	2-Nitrophenol	ug/L		10 U	10 U	11 U				
100-02-7	4-Nitrophenol	ug/L		26 U	25 U	26 U				
621-64-7	N-Nitroso-di-n-propylamine	ug/L		10 U	10 U	11 U				
86-30-6	N-Nitrosodiphenylamine	ug/L		10 U	10 U	11 U				
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L		10 U	10 U	11 U				
87-86-5	Pentachlorophenol	ug/L		26 U	25 U	26 U				
85-01-8	Phenanthrene	ug/L		10 U	10 U	11 U				
108-95-2	Phenol	ug/L		10 U	10 U	11 U				
129-00-0	Pyrene	ug/L		10 U	10 U	11 U				
120-82-1	1,2,4-Trichlorobenzene	ug/L		10 U	10 U	11 U				
88-06-2	2,4,6-Trichlorophenol	ug/L		10 U	10 U	11 U				
95-95-4	Trichlorophenol 2,4,5	ug/L		26 U	25 U	26 U				

Cherry Farm Groundwater 2002		Sample ID:	S-3DL	S-4	S-4	SW-1	storage blank	storage blank	trip blank	trip blank
		Lab Sample	Z9835DL	V4635	Z7445	Z7446	V4337	Z7447	V4314	Z7448
		Depth:								
		Source:	OB	OB	OB	OB	OB	OB	OB	OB
		SDG:	4203	2494	4203	4203	2494	4203	2494	4203
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/19/2002	6/19/2002	12/17/2002	12/17/2002	6/19/2002	12/18/2002	6/17/2002	12/17/2002
		Validated:								
CAS NO.	COMPOUND	UNITS:								
	PESTICIDES									
309-00-2	Aldrin	ug/L	0.52 U	0.0091 JP	0.053 U	0.052 U				
319-84-6	alpha-BHC	ug/L	0.52 U	0.053 U	0.053 U	0.052 U				
5103-71-9	alpha-Chlordane	ug/L	0.52 U	0.053 U	0.053 U	0.052 U				
319-85-7	beta-BHC	ug/L	0.52 U	0.053 U	0.053 U	0.052 U				
72-54-8	4,4'-DDD	ug/L	1 U	0.11 U	0.11 U	0.1 U				
72-55-9	4,4'-DDE	ug/L	0.29 JPD	0.11 U	0.11 U	0.1 U				
50-29-3	4,4'-DDT	ug/L	1 U	0.11 U	0.11 U	0.1 U				
319-86-8	delta-BHC	ug/L	0.52 U	0.053 U	0.053 U	0.052 U				
60-57-1	Dieldrin	ug/L	0.38 JPD	0.11 U	0.11 U	0.1 U				
959-98-8	Endosulfan I	ug/L	0.075 JPD	0.053 U	0.053 U	0.052 U				
33213-65-9	Endosulfan II	ug/L	1 U	0.11 U	0.11 U	0.1 U				
1031-07-8	Endosulfan sulfate	ug/L	1 U	0.11 U	0.11 U	0.1 U				
72-20-8	Endrin	ug/L	0.11 JPD	0.11 U	0.11 U	0.1 U				
7421-93-4	Endrin aldehyde	ug/L	0.12 JPD	0.11 U	0.11 U	0.1 U				
53494-70-5	Endrin ketone	ug/L	1 U	0.11 U	0.11 U	0.1 U				
58-89-9	gamma-BHC	ug/L		0.053 U						
5103-74-2	gamma-Chlordane	ug/L	0.52 U	0.053 U	0.053 U	0.052 U				
76-44-8	Heptachlor	ug/L	0.52 U	0.053 U	0.053 U	0.052 U				
1024-57-3	Heptachlor epoxide	ug/L	0.52 U	0.053 U	0.053 U	0.052 U				
72-43-5	Methoxychlor	ug/L	5.2 U	0.53 U	0.53 U	0.52 U				
8001-35-2	Toxaphene	ug/L	52 U	5.3 U	5.3 U	5.2 U				
	PCBS									
12674-11-2	Aroclor-1016	ug/L	10 U	1.1 U	1.1 U	1 U				
11104-28-2	Aroclor-1221	ug/L	21 U	2.1 U	2.1 U	2.1 U				
11141-16-5	Aroclor-1232	ug/L	10 U	1.1 U	1.1 U	1 U				
53469-21-9	Aroclor-1242	ug/L	10 U	1.1 U	1.1 U	1 U				
12672-29-6	Aroclor-1248	ug/L	22 D	1.1 U	1.1 U	1 U				
11097-69-1	Aroclor-1254	ug/L	10 U	1.1 U	1.1 U	1 U				
11096-82-5	Aroclor-1260	ug/L	9.5 JD	1.1 U	1.1 U	1 U				
	INORGANICS									
7429-90-5	Aluminum	ug/L		249	128 B	157 B				
7440-36-0	Antimony	ug/L		2.3 U	2.1 U	2.1 U				
7440-38-2	Arsenic	ug/L		2.3 B	2.7 B	6.3 B				
7440-39-3	Barium	ug/L		117 B	17 B	34.5 B				
7440-41-7	Beryllium	ug/L		0.2 B	0.01 U	0.01 U				
7440-43-9	Cadmium	ug/L		0.31 U	0.37 U	0.37 U				
7440-70-2	Calcium	ug/L		134000	112000	138000				
7440-47-8	Chromium	ug/L		3.2 B E	1.2 U	6 B				
7440-48-4	Cobalt	ug/L		1.2 U	1.6 U	1.6 U				
7440-50-8	Copper	ug/L		6.3 B	5.4 B	3.2 B				
7439-89-6	Iron	ug/L		7860	456	239				
7439-92-1	Lead	ug/L		1.8 U N	0.78 U	0.78 U				
7439-95-4	Magnesium	ug/L		13600	10000	38900				
7439-96-5	Manganese	ug/L		660	188	12.8 B				
7439-97-6	Mercury	ug/L		0.12 U	0.02 U	0.02 U				
7440-02-0	Nickel	ug/L		3.6 B	1.6 U	1.6 U				
7440-09-7	Potassium	ug/L		27600	21400	28800				
7782-49-2	Selenium	ug/L		1.5 U	3.7 B	3.3 B				
7440-22-4	Silver	ug/L		1.8 U	1.2 U	1.5 B				
7440-23-5	Sodium	ug/L		26300 E	15000	82700				
7440-28-0	Thallium	ug/L		4.8 U	3.6 U	3.6 U				
7440-62-2	Vanadium	ug/L		1.1 U	4.4 B	4.3 B				
7440-66-6	Zinc	ug/L		48.1	2.7 B	15.5 B				
57-12-5	Cyanide	ug/L		10 U	16.8	10 U				

APPENDIX B-1
MONITORING WELL CHEMICAL ANALYSIS RESULTS
(1997 TO 2002)

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	MW-1 162140 Columbia MW1 Water 8/12/1997	MWDUPE 162141 Columbia MW1 Water 8/12/1997	MW-1 G5092 OBG 5116 Water 11/20/1997	MW-1 H0915 OBG 6847 Water 2/19/1998	MW-1 H7392 OBG 7810 Water 5/27/1998	MW-1 J8338 OBG 9571 Water 10/21/1998	MW-1 M0188 OBG 1489 Water 4/19/1999
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	4 J	5 J B
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	19
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	2 J	1 J B
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	2 J	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	2 J	10 U	10 U	10 U	10 U	10 U	10 U
	Total VOCs			4	ND	ND	ND	ND	6	25
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L							
50-32-8	Benzo[a]pyrene	ND	ug/L							
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L							
191-24-2	Benzo[g,h,i]perylene	NS	ug/L							
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L							
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	2 JB	2 JB	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	11 U	1 JB	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L							
84-66-2	Diethyl phthalate	50 (G)	ug/L	11 U	11 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	2 JB	2 JB	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	11 U	11 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L							
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L							
95-48-7	2-Methylphenol	1	ug/L	11 U	11 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	11 U	11 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	11 U	12	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	11 U	11 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L							
	Total SVOCs			4	16	ND	ND	ND	ND	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.053 U	0.053 U	0.00055 JP	0.05 U	0.0012 J	0.05 U	0.01 BJP
5103-71-9	alpha-Chlordane	0.05	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U
60-57-1	Dieldrin	0.004	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.00072 JP	0.05 U	0.003 JP
33213-65-9	Endosulfan II	NS	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.0022 BJP	0.0013 JP
72-20-8	Endrin	ND	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.01 JP	0.0024 JP	0.008 BJP
76-44-8	Heptachlor	0.04	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.053 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0038 J
72-43-5	Methoxychlor	35	ug/L	0.53 U	0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51 U
	Total Pesticides			ND	ND	0.00055	ND	0.01192	0.0046	0.0261
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	273	153 B	1580	3080	1940	2730	830
7440-36-0	Antimony	3	ug/L	2.2 UE	2.2 UE	2.6 U	2.6 U	2.9 U	1.7 B	3.2 B
7440-38-2	Arsenic	25	ug/L	35.3	25.3	23.9	25	23.8	23.9	24.5
7440-39-3	Barium	1000	ug/L	733	248	353	447	340	353	353
7440-41-7	Beryllium	3 (G)	ug/L	0.46 B	1.2 B	0.1 B	0.17 B	0.12 U	0.14 B	0.38 B
7440-43-9	Cadmium	5	ug/L	1.8 B	4.2 B	0.48 B	0.3 U	0.49 U	0.43 U	0.62 B
7440-70-2	Calcium	NS	ug/L	188000	60300	203000	213000	206000	214000	222000
7440-47-3	Chromium	50	ug/L	1.7 B	1.6 B	6.5 B	7.2 B	5 B	11.5	9 B
7440-48-4	Cobalt	NS	ug/L	2.1 U	2.1 U	1.1 U	1.2 U	2.3 U	2.3 U	1.6 U
7440-50-8	Copper	200	ug/L	7.7 U	7.7 U	5.3 B	4.6 B	5.2 B	7.2 B	3.8 B
7439-89-6	Iron	300	ug/L	7410	18700	10300	11800	11600	13100	9120
7439-92-1	Lead	25	ug/L	2.7 U	2.7 U	1.1 B	1.3 B	1.8 U	4.5	3.4
7439-95-4	Magnesium	35000 (G)	ug/L	54600	7780	47400	52600	49200	53500	52700
7439-96-5	Manganese	300	ug/L	58.2	229	136	188	157	201	155
7439-97-6	Mercury	0.7	ug/L	0.2 U	0.2 U	0.14 U	0.2 U	0.09 U	0.15 U	0.11 U
7440-02-0	Nickel	100	ug/L	3.9 U	3.9 U	4.9 B	4.9 B	4.4 B	6.9 B	2.8 B
7440-09-7	Potassium	NS	ug/L	2280	8920	1320 B	1790 B	1790 B	1390 B	1780 B
7782-49-2	Selenium	10	ug/L	1.4 UW	1.4 U	4 U	4 U	4.8 U	2.3 B	3.6 U
7440-22-4	Silver	50	ug/L	1.3 B	2.6 B	0.56 U	0.6 U	1.1 U	1.2 U	1 U
7440-23-5	Sodium	20000	ug/L	35500	23100	33100	38800	34400	33400	39100
7440-28-0	Thallium	.5 (G)	ug/L	16	9.2 U	4.4 B	3.4 U	7.4 U	5.5 U	3.8 U
7440-62-2	Vanadium	NS	ug/L	4 U	4 U	3.5 B	5.9 B	4.1 B	5.5 B	2.4 B
7440-66-6	Zinc	2000 (G)	ug/L	57	58.9	29.5	19.3 B	25.3	55.7	13.6 B
57-12-5	Cyanide	200	ug/L	0.55 U	7	10 U	10 U	10 U	10 U	10 U

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	MW-1 N4875 OBG 3856 Water 11/9/1999	MW-1RE N4875RE OBG 3856 Water 11/9/1999	MW-1 Q3850 OBG 5490 Water 4/27/2000	MW-1 R7149 OBG 7645 Water 12/13/2000	MW-1 S7281 OBG 9259 Water 6/19/2001	MW-1 T6808 OBG 724 Water 12/11/2001	MW-1 V4308 OB 2494 Water 6/17/2002
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	10 U		10 U	10 U	2 J	10 U	10 U
71-43-2	Benzene	1	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U		7 J	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U		10 U	10 U	10 U	10 U	
67-66-3	Chloroform	7	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U		10 U	10 U	10 U	10 U	
100-41-4	Ethylbenzene	5	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U		10 U	1 J	10 U	1 JB	1 J
100-42-5	Styrene	5	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U		10 U	10 U	10 U	10 U	
108-88-3	Toluene	5	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
	Total VOCs			ND	NA	7	1	2	1	1
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L							10 U
50-32-8	Benzo[a]pyrene	ND	ug/L							10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L							10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L							10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L							10 U
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U		10 U	10 U	2 J	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U		10 U	10 U	10 U	10 U	
218-01-9	Chrysene	0.002 (G)	ug/L							10 U
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U		10 U	10 U	10 U	10 U	
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U		10 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U		10 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	50 (G)	ug/L							10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L							10 U
95-48-7	2-Methylphenol	1	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L							10 U
	Total SVOCs			ND	NA	ND	ND	2	ND	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.05 U	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	0.0081 JP
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.095 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.095 U	0.1 U	0.1 U	0.1 U	0.1 U	
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.095 U	0.0033 JP	0.0009 JP	0.1 U	0.1 U	
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.095 U	0.1 U	0.1 U	0.1 U	0.0011 JP	
959-98-8	Endosulfan I	NS	ug/L	0.0034 BJP	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.095 U	0.1 U	0.1 U	0.1 U	0.1 U	
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L	0.0032 JP	0.095 U	0.1 U	0.1 U	0.1 U	0.1 U	
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.095 U	0.1 U	0.1 U	0.1 U	0.0069 BJP	
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.032 J	0.048 U	0.00053 JP	0.051 U	0.05 U	0.051 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.048 U	0.003 J	0.0015 JP	0.05 U	0.051 U	0.05 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0019 J	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.48 U	0.5 U	0.0042 BJP	0.5 U	0.51 U	
	Total Pesticides			0.0405	ND	0.00683	0.0066	ND	0.008	0.0081
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	4760		7170	4880 E	4760	7810	3660
7440-36-0	Antimony	3	ug/L	2.5 U		1.9 U	1.5 U	1.4 U	2.1 U	2.3 U
7440-38-2	Arsenic	25	ug/L	29.9		29.4	29.7	29.6	40.6	28.7
7440-39-3	Barium	1000	ug/L	472		516	624	537	821	419
7440-41-7	Beryllium	3 (G)	ug/L	0.24 B		0.35 B	0.53 B	0.2 B	0.41 B	0.16 B
7440-43-9	Cadmium	5	ug/L	0.3 U		0.28 U	0.25 U	0.24 U	0.37 U	0.31 U
7440-70-2	Calcium	NS	ug/L	247000		243000	270000	232000	256000	273000
7440-47-3	Chromium	50	ug/L	12.6 E		16.9	13.7	60.7	19	9.2 B E
7440-48-4	Cobalt	NS	ug/L	2.8 B		3.5 B	3.4 B	2.8 B	5.9 B	1.2 U
7440-50-8	Copper	200	ug/L	11.3 B		13.9 B	11.7 B	10.3 B	17 B	6.9 B
7439-89-6	Iron	300	ug/L	16600		19900	14500	16500	22700	14000
7439-92-1	Lead	25	ug/L	5		5.6	8.2	4.8	8.5	5.8 N
7439-95-4	Magnesium	35000 (G)	ug/L	64300		62900	56100	55900	66000	65900
7439-96-5	Manganese	300	ug/L	297	299	309	344	208	387	406
7439-97-6	Mercury	0.7	ug/L	0.11 U		0.11 U	0.17 U	0.18 U	0.15 U	0.12 U
7440-02-0	Nickel	100	ug/L	11.1 BE		13.7 B	10.4 B	30.7 B	19 B	2.2 B
7440-09-7	Potassium	NS	ug/L	2680 B		3880 B	3320 BE	3280 B	3820 B	3920 B
7782-49-2	Selenium	10	ug/L	3.2 B		3.7 U	2.1 U	1.8 U	2.2 U	1.5 U
7440-22-4	Silver	50	ug/L	0.78 U		0.75 U	0.73 U	0.73 U	1 U	1.8 U
7440-23-5	Sodium	20000	ug/L	43600 E		43600	40900	40500	42100	40800 E
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U		4.9 U	3.7 U	3.6 U	5.1 U	4.8 U
7440-62-2	Vanadium	NS	ug/L	9.2 BE		13.2 B	8.9 B	9.1 B	15.9 B	8.4 B
7440-66-6	Zinc	2000 (G)	ug/L	46.4		49.4	34.6	26.6	46.2	38.8
57-12-5	Cyanide	200	ug/L	10 U		10 U	10 U	10 U	10 U	10 U

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-7RE M0299RE OBG 1516 Water 4/21/1999	MW-7 N4879 OBG 3856 Water 11/9/1999	MW-7RE N4879RE OBG 3856 Water 11/9/1999	MW-7 Q4029 OBG 5512 Water 4/28/2000	MW-7 R7151 OBG 7645 Water 12/13/2000
CAS NO	COMPOUND		UNITS					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L		10 U		10 U	8 J
71-43-2	Benzene	1	ug/L		10 U		10 U	10 U
78-93-3	2-Butanone	50	ug/L		10 U		10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L		8 J		4 J	10 U
75-00-3	Chloroethane	5	ug/L		10 U		10 U	10 U
67-66-3	Chloroform	7	ug/L		10 U		10 U	10 U
74-87-3	Chloromethane	5	ug/L		10 U		10 U	10 U
100-41-4	Ethylbenzene	5	ug/L		10 U		10 U	10 U
75-09-2	Methylene chloride	5	ug/L		10 U		10 U	1 J
100-42-5	Styrene	5	ug/L		10 U		10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L		10 U		10 U	1 J
108-88-3	Toluene	5	ug/L		10 U		10 U	10 U
1330-20-7	Xylene (total)	5	ug/L		10 U		10 U	10 U
	Total VOCs			NA	8	NA	4	10
	SEMIVOLATILES							
56-55-3	Benzo[a]anthracene	20 (G)	ug/L					
50-32-8	Benzo[a]pyrene	ND	ug/L					
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L					
191-24-2	Benzo[g,h,i]perylene	NS	ug/L					
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L					
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U		10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U		10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L					
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U		10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U		10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U		10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L					
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L					
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U		10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U		10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U		10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U		10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L					
	Total SVOCs			ND	ND	NA	ND	ND
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L		0.052 U	0.047 U	0.05 U	0.051 U
319-84-6	alpha-BHC	0.01	ug/L		0.052 U	0.047 U	0.05 U	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L		0.052 U	0.047 U	0.05 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L		0.052 U	0.047 U	0.05 U	0.051 U
72-54-8	4,4' DDD	0.3	ug/L		0.1 U	0.094 U	0.1 U	0.003 JP
72-55-9	4,4' DDE	0.2	ug/L		0.1 U	0.094 U	0.1 U	0.1 U
50-29-3	4,4' DDT	0.2	ug/L		0.1 U	0.094 U	0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L		0.052 U	0.047 U	0.05 U	0.00061 BJP
60-57-1	Dieldrin	0.004	ug/L		0.1 U	0.094 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L		0.052 U	0.047 U	0.05 U	0.051 U
33213-65-9	Endosulfan II	NS	ug/L		0.1 U	0.094 U	0.1 U	0.00089 JP
1031-07-8	Endosulfan sulfate	NS	ug/L		0.1 U	0.094 U	0.1 U	0.1 JP
72-20-8	Endrin	ND	ug/L		0.1 U	0.094 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L		0.1 U	0.094 U	0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L		0.1 U	0.094 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L		0.012 JP	0.047 U	0.0029 JP	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L		0.052 U	0.047 U	0.0042 JP	0.051 U
76-44-8	Heptachlor	0.04	ug/L		0.052 U	0.047 U	0.05 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.052 U	0.047 U	0.0018 BJP	0.051 U
72-43-5	Methoxychlor	35	ug/L		0.52 U	0.47 U	0.5 U	0.044 BJP
	Total Pesticides			NA	0.012	ND	0.035	0.1185
	PCBS							
	None Detected							
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L		711		1730	544 E
7440-36-0	Antimony	3	ug/L		2.5 U		1.9 U	1.5 U
7440-38-2	Arsenic	25	ug/L		2.5 U		14	6.4 E
7440-39-3	Barium	1000	ug/L		614		626	538
7440-41-7	Beryllium	3 (G)	ug/L		0.26 B		0.19 B	0.33 B
7440-43-9	Cadmium	5	ug/L		0.3 U		0.28 U	0.25 U
7440-70-2	Calcium	NS	ug/L		111000		120000	125000
7440-47-3	Chromium	50	ug/L		7.4 BE		16.8	12.2
7440-48-4	Cobalt	NS	ug/L		1.7 U		1.7 B	0.86 U
7440-50-8	Copper	200	ug/L		3.3 B		4.7 B	2.4 B
7439-89-6	Iron	300	ug/L		**14300**		**27200**	**17700**
7439-92-1	Lead	25	ug/L		1.3 U		3 B	2.6 B
7439-95-4	Magnesium	35000 (G)	ug/L		22600		190000	21000
7439-96-5	Manganese	300	ug/L		170	158	**382**	246
7439-97-6	Mercury	0.7	ug/L		0.11 U		0.11 U	0.17 U
7440-02-0	Nickel	100	ug/L		4.5 BE		8.1 B	4.4 B
7440-09-7	Potassium	NS	ug/L		2440 B		9540	5770 E
7782-49-2	Selenium	10	ug/L		3 U		3.7 U	2.1 U
7440-22-4	Silver	50	ug/L		0.78 U		0.75 U	0.73 U
7440-23-5	Sodium	20000	ug/L		**25700 E**		**27000**	**22900**
7440-28-0	Thallium	5 (G)	ug/L		5.1 U		4.9 U	3.7 U
7440-62-2	Vanadium	NS	ug/L		2.2 BE		4.3 B	1.6 B
7440-66-6	Zinc	2000 (G)	ug/L		18.3 B		45.4	13.1 B
57-12-5	Cyanide	200	ug/L		10 U		10 U	10 U

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-7 S7277 OBG 9259 Water 6/18/2001	MW-7 T6913 OBG 739 Water 12/12/2001	MW-7 V4634 OB 2494 Water 6/19/2002	MW-7 Z9833 OB 4203 Water 12/19/2002
CAS NO	COMPOUND		UNITS				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	3 JB
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U
78-93-3	2 Butanone	50	ug/L	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 J	10 U	10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U	10 U		
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U		
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	0 9 JB	1 J	1 JB
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U		
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U
	Total VOCs			ND	0 9	1	4
	SEMIVOLATILES						
56-55-3	Benzo[a]anthracene	20 (G)	ug/L			10 U	9 J
50 32-8	Benzo[a]pyrene	ND	ug/L			10 U	7 J
205-99-2	Benzo[b]fluoranthene	0 002 (G)	ug/L			10 U	**14**
191-24-2	Benzo[g,h,i]perylene	NS	ug/L			10 U	4 J
207-08-9	Benzo[k]fluoranthene	0 002 (G)	ug/L			10 U	**4 J**
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	4 J	10 U	10 U	**11**
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U		
218-01-9	Chrysene	0 002 (G)	ug/L			10 U	**7 J**
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U		
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U		
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	**6 J**
206-44-0	Fluoranthene	50 (G)	ug/L			10 U	13
193-39-5	Indeno[1,2,3-cd]pyrene	0 002 (G)	ug/L			10 U	**4 J**
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	1 J
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	**3 J**
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U
108-95 2	Phenol	1	ug/L	10 U	10 U	10 U	10 U
129-00 0	Pyrene	50 (G)	ug/L			10 U	26
	Total SVOCs			4	ND	ND	109
	PESTICIDES						
309-00 2	Aldrin	ND	ug/L	0 05 U	0 051 U	0 011 JP	0 051 U
319 84-6	alpha-BHC	0 01	ug/L	0 05 J	0 051 U		
5103-71-9	alpha-Chlordane	0 05	ug/L	0 05 J	0 051 U		
319 85-7	beta BHC	0 04	ug/L	0 05 U	0 051 U	0 052 U	0 051 U
72-54-8	4 4'-DDD	0 3	ug/L	0 1 U	0 1 U		
72 55-9	4 4'-DDE	0 2	ug/L	0 003 BJP	0 1 U		
50-29-3	4 4'-DDT	0 2	ug/L	0 1 U	0 1 U		
319-86-8	delta-BHC	0 04	ug/L	0 05 U	0 051 U		
60-57-1	Dieldrin	0 004	ug/L	0 1 U	0 0027 J		
959-98-8	Endosulfan I	NS	ug/L	0 05 U	0 051 U		
33213-65-9	Endosulfan II	NS	ug/L	0 1 U	0 1 U		
1031-07-8	Endosulfan sulfate	NS	ug/L	0 1 U	0 1 U	0 1 U	0 1 U
72-20-8	Endrin	ND	ug/L	0 1 U	0 1 U		
7421-93-4	Endrin aldehyde	5	ug/L	0 1 U	0 021 BJ		
53494-70-5	Endrin ketone	5	ug/L	0 1 U	0 1 U	0 1 U	0 1 U
58 89-9	gamma BHC	0 05	ug/L	0 05 U	0 0039 J		
5103-74 2	gamma Chlordane	0 05	ug/L	0 05 U	0 051 U	0 052 U	0 051 U
76 41 8	Heptachlor	0 04	ug/L	0 05 U	0 05 U		
1024-57 3	Heptachlor epoxide	0 03	ug/L	0 05 U	0 051 U	0 052 U	0 051 U
72 43 5	Methoxychlor	35	ug/L	0 5 U	0 51 U		
	Total Pesticides			0 003	0 0276	0 011	ND
	PCBS						
	None Detected						
	INORGANICS						
7429 90-5	Aluminum	NS	ug/L	79 1 B	265	582	304
7440-36-0	Antimony	3	ug/L	1 4 U	2 1 U	2 3 U	2 1 U
7440-38-2	Arsenic	25	ug/L	15 5	25	19 9	21 3
7440-39-3	Barium	1000	ug/L	374	388	375	369
7440-41-7	Beryllium	3 (G)	ug/L	0 08 U	0 11 B	0 22 B	0 01 U
7440-43-9	Cadmium	5	ug/L	0 24 U	0 62 B	0 31 U	0 37 U
7440-70-2	Calcium	NS	ug/L	107000	112000	112000	109000
7440-47-3	Chromium	50	ug/L	6 6 B	8 7 B	4 6 B E	11 5
7440-48-4	Cobalt	NS	ug/L	0 93 U	1 5 B	1 2 U	1 6 U
7440-50-8	Copper	200	ug/L	0 49 U	0 46 U	1 3 U	0 89 U
7439-89-6	Iron	300	ug/L	**25100**	**30700**	**26500**	**26300**
7439 92-1	Lead	25	ug/L	0 66 U	1 5 U	1 8 U N	0 78 U
7439-95-4	Magnesium	35000 (G)	ug/L	14800	13700	14200	13100
7439-96-5	Manganese	300	ug/L	292	**344**	298	**302**
7439-97-6	Mercury	0 7	ug/L	0 18 U	0 15 U	0 12 U	0 02 U
7440-02-0	Nickel	100	ug/L	2 6 B	4 B	1 4 U	4 3 B
7440-09-7	Potassium	NS	ug/L	13100	16700	13000	12600
7782-49-2	Selenium	10	ug/L	1 8 U	2 2 U	1 5 U	1 8 U
7440-22-4	Silver	50	ug/L	0 73 U	1 U	1 8 U	1 2 U
7440-23-5	Sodium	20000	ug/L	**23500**	**24800**	**27800 E**	**27200**
7440-28-0	Thallium	5 (G)	ug/L	3 6 U	5 1 U	4 8 U	3 6 U
7440-62-2	Vanadium	NS	ug/L	1 2 B	1 7 B	1 4 B	1 8 B
7440-66-6	Zinc	2000 (G)	ug/L	10 B	20 2	12 2 B	20 4
57-12-5	Cyanide	200	ug/L	10 U	10 2	10 U	11 8

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-5 J6487 OBG 9395 Water 10/22/1998	MW-5 M0195 OBG 1489 Water 4/20/1999	MW-5RE M0195RE OBG 1489 Water 4/20/1999	MW-5 N5017 OBG 3880 Water 11/10/1999	MW-5RE N5017RE OBG 3880 Water 11/10/1999	MW-5 Q4026 OBG 5512 Water 4/28/2000	MW-5 R7321 OBG 7645 Water 12/15/2000
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	19	7 J		10 U		10 U	7 J
71-43-2	Benzene	1	ug/L	**110**	**110**		10 U		**47**	**84**
78-93-3	2-Butanone	50	ug/L	10 U	10 U		10 U		10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	6 J		10 U		3 J	10 U
75-00-3	Chloroethane	5	ug/L	10 U	10 U		10 U		10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U		10 U		10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U		10 U		10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	**10 J**	**10 J**		**7 J**		3 J	**8 J**
75-09-2	Methylene chloride	5	ug/L	1 J	10 U		10 U		10 U	10 U
100-42-5	Styrene	5	ug/L	1 J	2 J		10 U		10 U	1 J
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U		10 U		10 U	10 U
108-88-3	Toluene	5	ug/L	**28**	**15**		10 U		3 J	**8 J**
1330-20-7	Xylene (total)	5	ug/L	**40**	**40**		**25**		**9 J**	**27**
	Total VOCs			208	190	NA	32	NA	65	135
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L							
50-32-8	Benzo[a]pyrene	ND	ug/L							
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L							
191-24-2	Benzo[g,h,i]perylene	NS	ug/L							
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L							
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L							
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	**23**	**18**	**17**	**3 J**	**3 J**	**8 J**	**20**
206-44-0	Fluoranthene	50 (G)	ug/L							
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L							
95-48-7	2-Methylphenol	1	ug/L	**4 J**	**3 J**	**4 J**	10 U	10 U	**2 J**	**2 J**
106-44-5	4-Methylphenol	1	ug/L	1 J	6 J	**7 J**	10 U	10 U	2 J	**4 J**
91-20-3	Naphthalene	10 (G)	ug/L	9 J	10 J	10 J	3 J	3 J	10 J	8 J
108-95-2	Phenol	1	ug/L	1 J	**4 J**	**4 J**	10 U	10 U	**3 J**	**2 J**
129-00-0	Pyrene	50 (G)	ug/L							
	Total SVOCs			38	41	42	6	6	15	36
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.051 U	0.0016 JP		0.051 U		0.0016 JP	0.0031 JP
319-84-6	alpha-BHC	0.01	ug/L	0.051 U	0.0069 BJP		0.051 U		0.051 U	0.0012 JP
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U	0.051 U		0.051 U		0.051 U	0.051 U
319-85-7	beta BHC	0.04	ug/L	0.051 U	0.051 U		0.051 U		0.051 U	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U		0.1 U		0.0033 JP	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.0011 JP	0.0014 JP		0.1 U		0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.1 U		0.0015 JP		0.1 I	0.1 U
319-86-8	delta BHC	0.04	ug/L	0.0015 J	0.051 U		0.051 U		0.051 U	0.051 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.0036 JP		0.0071 JP		0.0021 JP	0.0011 JP
959-98-8	Endosulfan I	NS	ug/L	0.051 U	0.0025 JP		0.013 BJP		0.051 U	0.0024 JP
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U		0.1 U		0.1 U	0.0021 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.0037 BJP	0.004 JP		0.0044 JP		0.1 U	0.0021 JP
72-20-8	Endrin	ND	ug/L	0.1 U	0.0055 JP		0.0029 JP		0.1 U	0.0056 JP
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.1 U		0.1 U		0.1 U	0.0017 JP
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U		0.1 U		0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U	0.0085 J		0.016 JP		0.036 JP	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.0047 JP	0.0018 BJP		0.051 U		0.0031 JP	0.051 U
76-44-8	Heptachlor	0.04	ug/L	0.0031 JP	0.00072 JP		0.0024 JP		0.00069 JP	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0015 JP	0.0017 JP		0.0058 J		0.0023 BJP	0.0017 JP
72-43-5	Methoxychlor	35	ug/L	0.51 U	0.0061 J		0.51 U		0.51 U	0.51 U
	Total Pesticides			0.0156	0.04432	NA	0.0531	NA	0.04909	0.021
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	634	499		1140		298	697 F
7440-36-0	Antimony	3	ug/L	2.9 B	2.5 B		2.5 U		1.9 U	1.5 U
7440-38-2	Arsenic	25	ug/L	10.1	8.6 B		7.9 B		9	9.8 B
7440-39-3	Barium	1000	ug/L	109 B	139 B		167 B		204	148 B
7440-41-7	Beryllium	3 (G)	ug/L	0.17 B	0.19 B		0.19 B		0.18 B	0.46 B
7440-43-9	Cadmium	5	ug/L	0.43 U	0.42 U		0.3 U		0.28 U	0.25 U
7440-70-2	Calcium	NS	ug/L	36100	44900		59300		43000	53000
7440-47-3	Chromium	50	ug/L	9.8 B	25.4		20.7 E		13.9	14.1
7440-48-4	Cobalt	NS	ug/L	2.3 U	1.6 U		1.7 U		0.96 U	0.86 U
7440-50-8	Copper	200	ug/L	14.1 B	12.9 B		15.8 B		9.1 B	15.4 B
7439-89-6	Iron	300	ug/L	**12200**	**13400**		**16800**		**24100**	**10200**
7439-92-1	Lead	25	ug/L	6.6	4.6		7.8		2.3 B	8.3
7439-95-4	Magnesium	35000 (G)	ug/L	9220	11200		15700		14700	14300
7439-96-5	Manganese	300	ug/L	197	213		249		203	162
7439-97-6	Mercury	0.7	ug/L	0.15 U	0.11 U		0.11 U		0.12 B	0.17 U
7440-02-0	Nickel	100	ug/L	4.3 B	12.4 B		9.7 BE		4.5 B	5.5 B
7440-09-7	Potassium	NS	ug/L	29300	41700		34700		7400	27800 F
7782-49-2	Selenium	10	ug/L	2 U	3.6 U		3 U		3.7 U	2.1 U
7440-22-4	Silver	50	ug/L	1.2 U	1 U		0.78 U		0.75 U	0.73 U
7440-23-5	Sodium	20000	ug/L	**97600**	**102000**		**101000 E**		**76800**	**93400**
7440-28-0	Thallium	5 (G)	ug/L	5.5 U	3.8 U		5.1 U		4.9 U	3.7 U
7440-62-2	Vanadium	NS	ug/L	8.6 B	8.9 B		9.9 BE		4.8 B	8.5 B
7440-66-6	Zinc	2000 (G)	ug/L	55.8	18.8 B		28.4		10 B	13.3 B
57-12-5	Cyanide	200	ug/L	30	36		33.5		15.8 U	36.8

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-5 S7323 OBG 9270 Water 6/20/2001	MW-5RE S7323RE OBG 9270 Water 6/20/2001	MW-5 T7108 OBG 764 Water 12/13/2001	MW-5RE T7108RE OBG 764 Water 12/13/2001	MW-5 V4312 OB 2494 Water 6/18/2002	MW-5 RE V4312RE OB 2494 Water 6/18/2002	MW-5 Z7815 OB 4203 Water 12/18/2002
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	6 J		10 U		10 U		4 JB
71-43-2	Benzene	1	ug/L	**57**		**83**		**86**		**52**
78-93-3	2-Butanone	50	ug/L	10 U		10 U		10 U		1 J
75-15-0	Carbon disulfide	NS	ug/L	10 U		10 U		10 U		10 U
75-00-3	Chloroethane	5	ug/L	2 J		10 U				
67-66-3	Chloroform	7	ug/L	10 U		10 U		10 U		10 U
74-87-3	Chloromethane	5	ug/L	2 J		10 U				
100-41-4	Ethylbenzene	5	ug/L	**6 J**		4 J		**7 J**		4 J
75-09-2	Methylene chloride	5	ug/L	10 U		0 7 JB		10 U		0 5 JB
100-42-5	Styrene	5	ug/L	10 U		0 8 J		10 U		1 J
127-18-4	Tetrachloroethene	5	ug/L	10 U		10 U				
108-88-3	Toluene	5	ug/L	**6 J**		4 J		**7 J**		5 J
1330-20-7	Xylene (total)	5	ug/L	**18**		**19**		**31**		**17**
	Total VOCs			97	NA	90 8	NA	131	NA	84 5
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L					10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L					10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0 002 (G)	ug/L					10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L					10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0 002 (G)	ug/L					10 U	10 U	10 U
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	2 JB	1 JB	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U			
218-01-9	Chrysene	0 002 (G)	ug/L					10 U	10 U	10 U
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U			
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U			
105-67-9	2,4-Dimethylphenol	1	ug/L	**9 J**	**8 J**	**9 J**	**8 J**	**16**	**16**	**13**
206-44-0	Fluoranthene	50 (G)	ug/L					10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0 002 (G)	ug/L					10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	**2 J**	**2 J**	**2 J**
106-44-5	4-Methylphenol	1	ug/L	**3 J**	**3 J**	10 U	10 U	**4 J**	**4 J**	**4 J**
91-20-3	Naphthalene	10 (G)	ug/L	1 J	2 J	1 J	1 J	10 U	10 U	**13**
108-95-2	Phenol	1	ug/L	**2 J**	**2 J**	**3 J**	10 U	10 U	**10 J**	**4 J**
129-00-0	Pyrene	50 (G)	ug/L					10 U	10 U	10 U
	Total SVOCs			15	15	15	10	22	32	36
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0 052 U		0 052 U		0 044 JP		0 051 U
319-84-6	alpha-BHC	0 01	ug/L	0 052 U		0 052 U				
5103-71-9	alpha-Chlordane	0 05	ug/L	0 052 U		0 0011 JP				
319-85-7	beta-BHC	0 04	ug/L	0 052 U		0 052 U		0 0079 JP		0 051 U
72-54-8	4,4'-DDD	0 3	ug/L	0 1 U		0 1 U				
72-55-9	4,4'-DDE	0 2	ug/L	0 1 U		0 1 U				
50-29-3	4,4'-DDT	0 2	ug/L	0 1 U		0 0037 JP				
319-86-8	delta-BHC	0 04	ug/L	0 052 U		0 052 U				
60-57-1	Dieldrin	0 004	ug/L	0 1 U		**0.012 BJ**				
959-98-8	Endosulfan I	NS	ug/L	0 052 U		0 052 U				
33213-65-9	Endosulfan II	NS	ug/L	0 1 U		0 00076 JP				
1031-07-8	Endosulfan sulfate	NS	ug/L	0 1 U		0 1 U		0 11 U		0 1 U
72-20-8	Endrin	ND	ug/L	0 1 U		0 1 U				
7421-93-4	Endrin aldehyde	5	ug/L	0 1 U		0 0088 BJP				
53494-70-5	Endrin ketone	5	ug/L	0 1 U		0 1 U		0 11 U		0 1 U
58-89-9	gamma-BHC	0 05	ug/L	0 052 U		0 052 U				
5103-74-2	gamma-Chlordane	0 05	ug/L	0 052 U		0 018 JP		0 0075 JP		0 051 U
76-44-8	Heptachlor	0 04	ug/L	0 052 U		0 0054 JP				
1024-57-3	Heptachlor epoxide	0 03	ug/L	0 052 U		0 002 JP		0 0074 J		0 051 U
72-43-5	Methoxychlor	35	ug/L	0 52 U		0 52 U				
	Total Pesticides			ND	NA	0 05716	NA	0 0668	NA	ND
	PCBS									
	None Detected									
	INORGANICS									
7429 90-5	Aluminum	NS	ug/L	346		801		573		272
7440 36-0	Antimony	3	ug/L	1 4 U		2 1 U		2 3 U		2 1 U
7440 38-2	Arsenic	25	ug/L	7 5 B		11 5		11 5		10 7
7440 39-3	Barium	1000	ug/L	172 B		193 B		158 B		187 B
7440 41-7	Beryllium	3 (G)	ug/L	0 08 U		0 24 B		0 21 B		0 14 B
7440 43-9	Cadmium	5	ug/L	0 24 U		0 4 B		0 31 U		0 37 U
7440 70-2	Calcium	NS	ug/L	68700		62400		50300		94500
7440 47-3	Chromium	50	ug/L	15 6		19		15 4 E		5 8 B
7440 48-4	Cobalt	NS	ug/L	0 93 U		1 8 B		1 2 U		1 6 U
7440-50-8	Copper	200	ug/L	10 B		16 8 B		17 2 B		11 3 B
7439-89-6	Iron	300	ug/L	**12200**		**14900**		**14100**		**19100**
7439 92-1	Lead	25	ug/L	4 2		8 2		7 7 N		3 8
7439-95-4	Magnesium	35000 (G)	ug/L	19700		13500		13800		25300
7439-96-5	Manganese	300	ug/L	178		231		212		188
7439-97-6	Mercury	0 7	ug/L	0 18 U		0 15 U		0 12 U		0 02 U
7440-02-0	Nickel	100	ug/L	6 7 B		8 6 B		4 B		1 6 U
7440-09-7	Potassium	NS	ug/L	22600		32700		34000		23100
7782-49-2	Selenium	10	ug/L	1 8 U		2 2 B		1 6 B		1 8 U
7440-22-4	Silver	50	ug/L	0 73 U		1 U		1 8 U		1 2 U
7440-23-5	Sodium	20000	ug/L	**85800**		**94700**		**95500 E**		**80500**
7440-28-0	Thallium	5 (G)	ug/L	3 6 U		5 1 U		4 8 U		3 6 U
7440-62-2	Vanadium	NS	ug/L	6 3 B		9 3 B		8 6 B		7 9 B
7440-66-6	Zinc	2000 (G)	ug/L	10 3 B		12 4 B		48 9		8 5 B
57-12-5	Cyanide	200	ug/L	23		38 7		10 U		19 6

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-6 162137 Columbia MW1 Water 8/12/1997	MW-6 G5189 OBG 511b Water 11/20/1997	MW-6 H1023 OBG 6857 Water 2/20/1998	MW-6 H7533 OBG 7830 Water 5/29/1998	MW-6 J8491 OBG 9596 Water 10/23/1998	MW-6 M0298 OBG 1516 Water 4/21/1999	MW-6RE M0298RE OBG 1516 Water 4/21/1999
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	10 U	7 J B	10 U	
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	4 J	
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	1 J B	
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
	Total VOCs			ND	ND	ND	ND	7	5	NA
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L							
50-32-8	Benzo[a]pyrene	ND	ug/L							
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L							
191-24-2	Benzo[g,h,i]perylene	NS	ug/L							
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L							
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L							
84-66-2	Diethyl phthalate	50 (G)	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	1 JB	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L							
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L							
95-48-7	2-Methylphenol	1	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L							
	Total SVOCs			1	ND	ND	ND	ND	ND	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-84-6	alpha-BHC	0.01	ug/L	0.053 U	0.05 U	0.05 U	0.00061 BJP	0.05 U	0.05 U	
5103-71-9	alpha-Chlordane	0.05	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	0.04	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-54-8	4,4'-DDD	0.3	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-55-9	4,4'-DDE	0.2	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.00066 JP	0.1 U	
50-29-3	4,4'-DDT	0.2	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
319-86-8	delta-BHC	0.04	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	0.004	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.0021 J	0.1 U	
959-98-8	Endosulfan I	NS	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0014 JP	
33213-65-9	Endosulfan II	NS	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
1031-07-8	Endosulfan sulfate	NS	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.0023 JP	0.1 U	
72-20-8	Endrin	ND	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
7421-93-4	Endrin aldehyde	5	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
53494-70-5	Endrin ketone	5	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
58-89-9	gamma-BHC	0.05	ug/L	0.053 U	0.05 U	0.0032 JP	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.053 U	0.05 U	0.05 U	0.0027 BJP	0.0021 JP	0.0083 JP	
76-44-8	Heptachlor	0.04	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.053 U	0.05 U	0.05 U	0.00052 BJP	0.05 U	0.0027 JP	
72-43-5	Methoxychlor	35	ug/L	0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
	Total Pesticides			ND	ND	0.0032	0.00383	0.00716	0.0124	NA
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	35.2 B	51.5 B	84.4 B	35.5 B	56.3 B	53.4 B	
7440-36-0	Antimony	3	ug/L	2.2 UE	2.7 B	2.6 U	2.9 U	1.9 B	1.6 U	
7440-38-2	Arsenic	25	ug/L	8 B	4.2 U	4.2 U	4.2 U	3.1 U	1.9 U	
7440-39-3	Barium	1000	ug/L	109 B	157 B	134 B	126 B	131 B	137 B	
7440-41-7	Beryllium	3 (G)	ug/L	0.95 B	0.06 U	0.07 B	0.12 U	0.07 U	0.13 U	
7440-43-9	Cadmium	5	ug/L	3 B	0.24 U	0.3 U	0.49 U	0.53 B	0.42 U	
7440-70-2	Calcium	NS	ug/L	123000	168000	165000	166000	161000	159000	
7440-47-3	Chromium	50	ug/L	1.5 U	2.9 B	2.8 B	1.6 U	4.9 B	3 B	
7440-48-4	Cobalt	NS	ug/L	2.1 U	1.1 U	1.2 U	2.3 U	2.3 U	1.6 U	
7440-50-8	Copper	200	ug/L	7.7 U	0.97 B	1.1 B	0.84 U	1.3 B	0.49 U	
7439-89-6	Iron	300	ug/L	**14800**	**20700**	**22400**	**21600**	**18100**	**17500**	
7439-92-1	Lead	25	ug/L	2.7 U	1 U	1.1 U	1.8 U	2.1 U	1.1 U	
7439-95-4	Magnesium	35000 (G)	ug/L	24900	25600	25700	24400	19500	16400	
7439-96-5	Manganese	300	ug/L	**1010**	**1420**	**1590**	**1610**	**1150**	**1220**	
7439-97-6	Mercury	0.7	ug/L	0.2 U	0.14 U	0.2 U	0.09 U	0.15 U	0.11 U	
7440-02-0	Nickel	100	ug/L	3.9 U	0.71 B	0.8 U	1.4 U	0.9 U	1.3 U	
7440-09-7	Potassium	NS	ug/L	12300	22900	23100	25600	36900	34100	
7782-49-2	Selenium	10	ug/L	1.4 UW	4 U	4 U	4.8 U	2 U	3.6 U	
7440-22-4	Silver	50	ug/L	1.5 B	0.64 B	0.75 B	1.1 U	1.2 U	1 U	
7440-23-5	Sodium	20000	ug/L	**28700**	**35900**	**36300**	**33600**	**32800**	**36500**	
7440-28-0	Thallium	5 (G)	ug/L	9.2 U	**6 B**	**0.2 B**	7.4 U	5.5 U	3.8 U	
7440-62-2	Vanadium	NS	ug/L	4 U	1.1 B	1.3 B	1.4 B	1.2 U	1.4 B	
7440-66-6	Zinc	2000 (G)	ug/L	48.8	4.8 B	11.7 B	1.9 B	7.4 B	7.5 B	
57-12-5	Cyanide	200	ug/L	5.5	20.7	10 U	10 U	10 U	10 U	

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-6 N4878 OBG 3856 Water 11/9/1999	MW-6 Q4027 OBG 5512 Water 4/28/2000	MW-6 R7179 OBG 7645 Water 12/14/2000	MW-6 S7280 OBG 9259 Water 6/19/2001	MW-6 T6911 OBG 739 Water 12/12/2001	MW-6DUP T6912 OBG 739 Water 12/12/2001	MW-6 V4636 OB 2494 Water 6/19/2002
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	3 J	5 J	10 U	10 U	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	6 J	7 J	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	10 U	1 JB	1 JB	10 U
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Total VOCs			6	7	3	5	1	1	ND
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L							10 U
50-32-8	Benzo[a]pyrene	ND	ug/L							10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L							10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L							10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L							10 U
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	1 J	10 U	3 J	1 JB	4 JB	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
218-01-9	Chrysene	0.002 (G)	ug/L							10 U
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L							10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L							10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L							10 U
	Total SVOCs			ND	1	ND	3	1	4	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.05 U	0.012 J	0.0017 JP	0.052 U	0.051 U	0.051 U	0.012 JP
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.0043 J	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.1 U	0.1 U	0.0027 BJ	0.1 U	0.1 U	
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.1 U	0.1 U	0.0033 JP	0.1 U	0.1 U	
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.0032 JP	0.1 U	0.1 U	0.1 U	0.1 U	
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	0.00069 JP	0.1 U	0.1 U	0.1 U	
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.01 BJP	0.011 BJP	
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.0035 JP	0.05 U	0.052 U	0.051 U	0.0029 JP	0.051 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.0017 JP	0.05 U	0.052 U	0.051 U	0.051 U	
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.00066 BJP	0.00057 JP	0.052 U	0.051 U	0.051 U	0.051 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.051 U	0.5 U	0.52 U	0.51 U	0.51 U	
	Total Pesticides			ND	0.02106	0.00296	0.006	0.01	0.0183	0.012
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	253	56.8 B	95.5 BE	263	160 B	153 B	357
7440-36-0	Antimony	3	ug/L	2.5 U	1.9 J	1.5 U	1.4 U	2.1 U	2.1 U	2.3 U
7440-38-2	Arsenic	25	ug/L	2.5 U	2.2 J	2 U	1.6 U	2.1 U	2.1 U	2.2 U
7440-39-3	Barium	1000	ug/L	158 B	165 B	158 B	154 B	149 B	147 B	111 B
7440-41-7	Beryllium	3 (G)	ug/L	0.07 B	0.14 J	0.29 B	0.08 U	0.11 B	0.13 B	0.17 B
7440-43-9	Cadmium	5	ug/L	0.3 U	0.28 J	0.25 U	0.24 U	0.37 U	0.37 U	0.31 U
7440-70-2	Calcium	NS	ug/L	167000	252000	247000	254000	235000	233000	235000
7440-47-3	Chromium	50	ug/L	3.9 BE	7.6 B	6.8 B	6.1 B	6.8 B	6.7 B	4.1 BE
7440-48-4	Cobalt	NS	ug/L	1.7 U	0.96 U	0.86 U	0.93 U	0.72 U	0.72 U	1.2 U
7440-50-8	Copper	200	ug/L	0.83 B	0.53 U	0.52 U	1.8 B	0.46 U	0.46 U	2.3 B
7439-89-6	Iron	300	ug/L	**19600**	**33100**	**46900**	**66600**	**54000**	**52500**	**48700**
7439-92-1	Lead	25	ug/L	1.3 U	1.1 U	2.9 B	0.66 U	1.6 B	1.5 U	1.8 UN
7439-95-4	Magnesium	35000 (G)	ug/L	17800	**36000**	**49200**	**61500**	**49500**	**48700**	**53600**
7439-96-5	Manganese	300	ug/L	**1470**	**2100**	**3310**	**4620**	**4190**	**4100**	**2900**
7439-97-6	Mercury	0.7	ug/L	0.11 U	0.11 U	0.17 U	0.18 U	0.15 U	0.15 U	0.12 U
7440-02-0	Nickel	100	ug/L	1.3 BE	3.1 U	0.72 U	0.71 U	1.4 B	1.3 U	1.4 U
7440-09-7	Potassium	NS	ug/L	57900	56600	32800 E	31300	51800	50700	22500
7782-49-2	Selenium	10	ug/L	3 U	3.7 U	2.1 U	2.7 B	2.2 U	2.5 B	1.5 U
7440-22-4	Silver	50	ug/L	0.78 U	0.75 U	0.73 U	0.73 U	1 U	1 U	1.8 U
7440-23-5	Sodium	20000	ug/L	**43500 E**	**58300**	**62400**	**70000**	**66400**	**65100**	**55400 E**
7440-28-0	Thallium	5 (G)	ug/L	5.1 U	4.9 U	3.7 U	3.6 U	5.1 U	5.1 U	4.8 U
7440-62-2	Vanadium	NS	ug/L	1.4 BE	0.66 BJP	1 B	1.6 B	1.8 B	1.2 B	1.1 U
7440-66-6	Zinc	2000 (G)	ug/L	41.6	3.3 BJP	2.2 B	8.6 B	5.6 B	1.4 U	270
57-12-5	Cyanide	200	ug/L	10 U	23	11.7	12	10 U	10.2	10 U

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-6 Z7812 OB 4233 Water 12/18/2002	MW-7 162138 Columbia MW1 Water 8/12/1997	MW-7 G5190 OBG 5116 Water 11/20/1997	MW-7 H1024 OBG 6857 Water 2/20/1998	MW-7 H7534 OBG 7830 Water 5/29/1998	MW-7 J8492 OBG 9596 Water 10/23/1998	MW-7 M0299 OBG 1516 Water 4/21/1999
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	4 JB	10 U	10 U	10 U	10 U	8 J B	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	11 U
75-00-3	Chloroethane	5	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	1 JB	10 U	10 U	10 U	10 U	1 J	10 U
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U	10 U	1 J	10 U
	Total VOCs			5	ND	ND	ND	ND	10	ND
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U						
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U						
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U						
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U						
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U						
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	2 JB	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L		1 JB	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U						
84-66-2	Diethyl phthalate	50 (G)	ug/L		11 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L		3 JB	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	11 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U						
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U						
95-48-7	2-Methylphenol	1	ug/L	10 U	11 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	11 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 J	8 J	3 J	1 J	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	**2 JB**	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	10 U						
	Total SVOCs			ND	28	8	3	1	ND	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.051 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L		0.053 U	0.05 U	0.05 U	0.00044 BJP	0.05 U	0.0061 BJ
5103-71-9	alpha-Chlordane	0.05	ug/L		0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.051 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L		0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L		0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L		0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L		0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	0.004	ug/L		0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L		0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0012 JP
33213-65-9	Endosulfan II	NS	ug/L		0.11 U	0.1 U	0.1 U	0.00072 BJP	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.11 U	0.1 U	0.0033 JP	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L		0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L		0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.0013 JP	0.1 U
58-89-9	gamma-BHC	0.05	ug/L		0.053 U	0.05 U	0.0055 J	0.00091 JP	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.053 U	0.05 U	0.05 U	0.0042 BJP	0.0037 JP	0.008 JP
76-44-8	Heptachlor	0.04	ug/L		0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0048 J
72-43-5	Methoxychlor	35	ug/L		0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Total Pesticides			ND	ND	ND	0.0088	0.00627	0.005	0.0201
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	74.6 B	122	24900	1540	398	189 B	[illegible]
7440-36-0	Antimony	3	ug/L	2.1 U	2.2 UE	8.6 B	2.6 U	2.9 U	1.3 U	1.6 U
7440-38-2	Arsenic	25	ug/L	1.9 B	24.2	52.2	4.2 U	4.2 U	3.1 U	1.9 U
7440-39-3	Barium	1000	ug/L	84 B	246	637	543	612	616	575
7440-41-7	Beryllium	3 (G)	ug/L	0.31 U	1.2 B	1.8 B	0.13 B	0.12 U	0.07 U	0.13 U
7440-43-9	Cadmium	5	ug/L	0.37 U	4 B	1.1 B	0.3 U	0.49 U	0.43 U	0.42 U
7440-70-2	Calcium	NS	ug/L	171000	60800	214000	104000	106000	103000	110000
7440-47-3	Chromium	50	ug/L	5.4 B	1.5 U	77.2	7.4 B	1.6 U	6.3 B	8.5 B
7440-48-4	Cobalt	NS	ug/L	1.6 U	2.1 U	17.6 B	1.2 U	2.3 U	2.3 U	1.6 U
7440-50-8	Copper	200	ug/L	0.89 U	7.7 U	56	3.2 B	1.3 B	2.2 B	2.7 B
7439-89-6	Iron	300	ug/L	**36100**	**17900**	**75100**	**13100**	**11200**	**11200**	**12300**
7439-92-1	Lead	25	ug/L	0.78 U	2.7 U	**53.2**	1.1 U	1.8 U	2.1 U	1.1 U
7439-95-4	Magnesium	35000 (G	ug/L	**44400**	7880	**41900**	21100	20800	21400	22000
7439-96-5	Manganese	300	ug/L	**2000**	226	**1790**	177	126	121	149
7439-97-6	Mercury	0.7	ug/L	0.02 U	0.2 U	0.14 U	0.2 U	0.09 U	0.15 U	0.11 U
7440-02-0	Nickel	100	ug/L	1.6 U	3.9 U	54.8	2.7 B	2 B	1.4 B	3.5 B
7440-09-7	Potassium	NS	ug/L	1220	8780	6220	2170 B	2310 B	1200 B	2170 B
7782-49-2	Selenium	10	ug/L	1.8 U	1.4 UW	5	4 U	4.8 U	2 U	3.6 U
7440-22-4	Silver	50	ug/L	1.2 U	1.4 B	0.56 U	0.6 U	1.1 U	1.2 U	1 U
7440-23-5	Sodium	20000	ug/L	**44900**	**22800**	**28100**	**22300**	**20900**	**22100**	**23700**
7440-28-0	Thallium	5 (G)	ug/L	3.6 U	9.2 U	**6.9 B**	**3.6 B**	7.4 U	5.5 U	3.6 U
7440-62-2	Vanadium	NS	ug/L	2.1 B	4 U	42.5 B	3.4 B	1.8 B	1.2 U	1.4 B
7440-66-6	Zinc	2000 (G)	ug/L	1.3 B	62.7	307	15.1 B	13.4 B	23.2	18.2 B
57-12-5	Cyanide	200	ug/L	15.7	7.4	31	13	10 U	10 U	10 U

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-2 V4313 OB 2494 Water 6/18/2002	MW-2 Z7444 OB Water 12/17/2002	MW-3 162134 Columbia MW1 Water 8/12/1997	MW-3 G5115 OBG 5116 Water 11/20/1997	MW-3 H0917 OBG 6847 Water 2/19/1998	MW-3 H7395 OBG 7810 Water 5/28/1998	MW-3 J8484 OBG 9595 Water 10/22/1998
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	10 U	2 JB	10 U	10 U	10 U	10 U	4 J
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5	ug/L			10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L			10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	0.9 JB	10 U	10 U	10 U	10 U	2 J
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L			10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Total VOCs			ND	2.9	ND	ND	ND	ND	6
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U	10 U					
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U					
205-99-2	Benzo[b]fluoranthene	0.002 (C)	ug/L	10 U	10 U					
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U					
207-08-9	Benzo[k]fluoranthene	0.002 (C)	ug/L	10 U	10 U					
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	1 JB	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L			1 JB	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (C)	ug/L	10 U	10 U					
84-66-2	Diethyl phthalate	50 (G)	ug/L			11 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L			2 JB	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	11 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U					
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (C)	ug/L	10 U	10 U					
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	11 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	11 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	11 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U	11 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U					
	Total SVOCs			ND	ND	4	ND	ND	ND	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.0018 JP	0.051 U	0.053 U	0.05 U	0.05 U	0.051 U	0.051 U
319-84-6	alpha-BHC	0.01	ug/L			0.053 U	0.05 U	0.05 U	0.0024 J	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L			0.053 U	0.05 U	0.05 U	0.051 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.053 U	0.051 J	0.053 U	0.05 U	0.05 U	0.051 U	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L			0.053 U	0.05 U	0.05 U	0.051 U	0.051 U
60-57-1	Dieldrin	0.004	ug/L			0.11 U	0.1 U	0.002 JP	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L			0.053 U	0.05 U	0.05 U	0.051 U	0.051 U
33213-65-9	Endosulfan II	NS	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.11 U	0.1 U	0.11 U	0.1 U	0.0029 JP	0.0048 JP	0.011 BJP
72-20-8	Endrin	ND	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L			0.053 U	0.05 U	0.05 U	0.051 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.053 U	0.051 U	0.053 U	0.05 U	0.05 U	0.00073 JP	0.001 JP
76-44-8	Heptachlor	0.04	ug/L			0.053 U	0.05 U	0.05 U	0.051 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.053 U	0.051 U	0.053 U	0.05 U	0.05 U	0.00067 JP	0.051 U
72-43-5	Methoxychlor	35	ug/L			0.53 U	0.5 U	0.5 U	0.51 U	0.51 U
	Total Pesticides			0.0018	ND	ND	ND	0.0049	0.0086	0.012
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	27300	26800	197 B	3510	2060	1510	789
7440-36-0	Antimony	3	ug/L	2.3 U	2.1 U	2.2 UE	2.6 U	2.6 U	2.9 U	1.3 U
7440-38-2	Arsenic	25	ug/L	**48.9**	**50.9**	24.2	7.9 B	4.2 U	9 B	6.2 B
7440-39-3	Barium	1000	ug/L	375	411	188 B	254	245	187 B	157 B
7440-41-7	Beryllium	3 (G)	ug/L	1.3 B	1.3 B	1.8 B	0.29 B	0.24 B	0.12 U	0.15 B
7440-43-9	Cadmium	5	ug/L	0.31 U	0.37 U	**5.9**	0.32 B	0.3 U	0.49 U	0.43 U
7440-70-2	Calcium	NS	ug/L	173000	454000	257000	235000	216000	188000	172000
7440-47-3	Chromium	50	ug/L	**68.6 E**	**62.2**	2.6 B	30.5	19.5	10.8	12.7
7440-48-4	Cobalt	NS	ug/L	17.1 B	15.6 B	2.4 B	3.1 B	1.2 U	2.3 U	2.3 U
7440-50-8	Copper	200	ug/L	62.6	60.7	7.7 U	12.5 B	8.3 B	5.9 B	5 B
7439-89-6	Iron	300	ug/L	**55600**	**54000**	**30300**	**32900**	**25400**	**21300**	**20800**
7439-92-1	Lead	25	ug/L	**47.3 N**	**48.1**	2.7 U	6.7	2.5 B	1.8 U	2.1 B
7439-95-4	Magnesium	35000 (G)	ug/L	**113000**	**125000**	**70600**	**57600**	**54400**	**45500**	**43500**
7439-96-5	Manganese	300	ug/L	**1520**	**1510**	**831**	**1000**	**934**	**835**	**734**
7439-97-6	Mercury	0.7	ug/L	0.12 U	0.06 B	0.2 U	0.14 U	0.2 U	0.09 U	0.15 U
7440-02-0	Nickel	100	ug/L	53.1	47.9	3.9 U	18.4 B	11.2 B	8.7 B	5.8 B
7440-09-7	Potassium	NS	ug/L	9800	9290	13600	17400	17500	15800	13100
7782-49-2	Selenium	10	ug/L	1.5 U	1.8 U	1.4 UW	4.1 B	4 U	4.8 U	2 U
7440-22-4	Silver	50	ug/L	1.8 U	1.2 U	1.7 B	0.67 B	0.6 U	1.1 U	1.2 U
7440-23-5	Sodium	20000	ug/L	16000 E	17300	**129000**	**118000**	**117000**	**104000**	**104000**
7440-28-0	Thallium	5 (G)	ug/L	4.8 U	3.6 U	9.2 U	**4.5 B**	**7.3 B**	7.4 U	5.5 U
7440-62-2	Vanadium	NS	ug/L	5.2	52.4	4 U	9.6 B	6 B	6 B	4.2 B
7440-66-6	Zinc	2000 (G)	ug/L	235	181	59.1	59.9	37.7	27.4	34.6
57-12-5	Cyanide	200	ug/L	10 U	10 U	0.55 U	10 U	10 U	10 U	10 U

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-3 M0191 OBG 1489 Water 4/20/1999	MW-3RE M0191RE OBG 1489 Water 4/20/1999	MW-3 N5015 OBG 3880 Water 11/10/1999	MW-3DUP N4880 OBG 3856 Water 11/10/1999	MW-3RE N5015RE OBG 3880 Water 11/10/1999	MW-3 Q3846 OBG 5490 Water 4/26/2000	MW-3 R7156 OBG 7645 Water 12/14/2000
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	6 J B		10 U	10 U		10 U	10 U
71-43-2	Benzene	1	ug/L	10 U		10 U	10 U		10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U		10 U	10 U		10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	5 J		6 J	10 U		10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U		10 U	10 U		10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U		10 U	10 U		10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U		10 U	10 U		10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U		10 U	10 U		10 U	10 U
75-09-2	Methylene chloride	5	ug/L	2 J B		10 U	10 U		10 U	10 U
100-42-5	Styrene	5	ug/L	10 U		10 U	10 U		10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U		10 U	10 U		10 U	10 U
108-88-3	Toluene	5	ug/L	10 U		10 U	10 U		10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U		10 U	10 J		10 U	10 U
	Total VOCs			13	NA	6	ND	NA	ND	ND
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L							
50-32-8	Benzo(a)pyrene	ND	ug/L							
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L							
191-24-2	Benzo[g,h,i]perylene	NS	ug/L							
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L							
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L							
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L							
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L							
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L							
	Total SVOCs			ND	ND	ND	ND	ND	ND	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.051 U		0.051 U	0.051 U		0.05 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L	0.00093 BJP		0.051 U	0.051 U		0.05 U	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U		0.051 U	0.051 U		0.05 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.051 U		0.051 U	0.051 U		0.05 U	0.05 U
72-54-8	4,4' DDD	0.3	ug/L	0.1 U		0.1 U	0.1 U		0.1 U	0.1 U
72-55-9	4,4' DDE	0.2	ug/L	0.1 U		0.1 U	0.1 U		0.1 U	0.1 U
50-29-3	4,4' DDT	0.2	ug/L	0.1 U		0.1 U	0.1 U		0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U		0.051 U	0.051 U		0.05 U	0.05 U
60-57-1	Dieldrin	0.004	ug/L	0.0024 JP		0.1 U	0.1 U		0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.0013 JP		0.051 U	0.051 U		0.05 U	0.05 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U		0.1 U	0.1 U		0.1 U	0.00082 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.0015 JP		0.0018 JP	0.1 U		0.1 U	0.0035 JP
72-20-8	Endrin	ND	ug/L	0.1 U		0.1 U	0.1 U		0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U		0.1 U	0.1 U		0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U		0.1 U	0.1 U		0.1 U	0.0024 JP
58-89-9	gamma-BHC	0.05	ug/L	0.051 U		0.012 JP	0.051 U		0.002 JP	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.014 BJP		0.051 U	0.00078 JP		0.0027 JP	0.05 U
76-44-8	Heptachlor	0.04	ug/L	0.051 U		0.051 U	0.051 U		0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0052 JP		0.051 U	0.051 U		0.05 U	0.05 U
72-43-5	Methoxychlor	35	ug/L	0.51 U		0.51 U	0.51 U		0 U	0.5 U
	Total Pesticides			0.02533	NA	0.0138	0.00078	NA	0.0047	0.00672
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	665		512	256		712	816 E
7440-36-0	Antimony	3	ug/L	2.1 B		2.5 U	2.5 U		1.9 U	1.5 U
7440-38-2	Arsenic	25	ug/L	2.6 B		2.6 B	2.5 U		3.9 B	3.9 B
7440-39-3	Barium	1000	ug/L	153 B		164 B	155 B		152 B	150 B
7440-41-7	Beryllium	3 (G)	ug/L	0.15 B		0.24 B	0.15 B		0.37 B	0.39 B
7440-43-9	Cadmium	5	ug/L	0.42 U		0.3 U	0.3 U		0.28 UU	0.25 U
7440-70-2	Calcium	NS	ug/L	149000		151000	164000		141000	139000
7440-47-3	Chromium	50	ug/L	9.4 B		14.2 E	4.3 BE		15	10.5
7440-48-4	Cobalt	NS	ug/L	1.6 U		1.7 U	1.7 U		0.96 U	0.86 U
7440-50-8	Copper	200	ug/L	2.1 B		2 B	0.77 B		2.3 B	2.2 B
7439-89-6	Iron	300	ug/L	**15900**		**16100**	**19600**		**16100**	**14600**
7439-92-1	Lead	25	ug/L	1.1 U		1.3 U	1.3 U		1.3 B	2.9 B
7439-95-4	Magnesium	35000 (G)	ug/L	34700		**38400**	17800		**35600**	34500
7439-96-5	Manganese	300	ug/L	**654**		**631**	**1470**		**582**	**581**
7439-97-6	Mercury	0.7	ug/L	0.11 U		0.11 U	0.11 U		0.11 U	0.17 U
7440-02-0	Nickel	100	ug/L	6.4 B		9.3 BE	1.6 BE		9.6 B	5.8 B
7440-09-7	Potassium	NS	ug/L	9730		10200	57500		9780	9790 E
7782-49-2	Selenium	10	ug/L	3.6 U		3 U	3 U		3.7 U	2.1 U
7440-22-4	Silver	50	ug/L	1 U		0.78 U	0.78 U		0.75 U	0.73 U
7440-23-5	Sodium	20000	ug/L	**83100**		**89200 E**	**42000 E**		**81700**	**69500**
7440-28-0	Thallium	5 (G)	ug/L	3.8 U		5.1 U	5.1 U		4.9 U	3.7 U
7440-62-2	Vanadium	NS	ug/L	4.2 B		3.7 BE	1.5 BE		4.4 B	4.4 B
7440-66-6	Zinc	2000 (G)	ug/L	9.1 B		26.3	10.5 B		13.3 B	18.7 B
57-12-5	Cyanide	200	ug/L	10 U		10 U	10 U		10 U	10 U

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-3 S7325 OBG 9270 Water 6/20/2001	MW-3RE S7325RE OBG 9270 Water 6/20/2001	MW-3 T6809 OBG 724 Water 12/11/2001	MW-3 V4310 OB 2494 Water 6/18/2002	MW-3 dup V4309 OB 2494 Water 6/18/2002	MW-3 Z7443 OB 4203 Water 12/17/2002	MW 4 162135 Columbia MW1 Water 8/12/1997
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	5 J		10 U	10 U	10 U	4 JB	10 U
71-43-2	Benzene	1	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U		10 U				10 U
67-66-3	Chloroform	7	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U		10 U				10 U
100-41-4	Ethylbenzene	5	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U		2 JB	1 J	1 J	1 JB	10 U
100-42-5	Styrene	5	ug/L	10 U		10 U	10 J	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U		10 U				10 U
108-88-3	Toluene	5	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U		10 U	10 U	10 U	10 U	10 U
	Total VOCs			5	NA	2	1	1	5	ND
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G	ug/L				11 U	10 U	10 U	
50-32-8	Benzo[a]pyrene	ND	ug/L				11 U	10 U	10 U	
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L				11 U	10 U	10 U	
191-24-2	Benzo[g,h,i]perylene	NS	ug/L				11 U	10 U	10 U	
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L				11 U	10 U	10 U	
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	2 JB
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U				11 U
218-01-9	Chrysene	0.002 (G)	ug/L				11 U	10 U	10 U	
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U				11 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U				1 JB
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	11 U
206-44-0	Fluoranthene	50 (G,	ug/L				11 U	10 U	10 U	
193-39-5	Indeno(1,2,3-cd)pyrene	0.002 (G)	ug/L				11 U	10 U	10 U	
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	11 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	11 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	11 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	11 U
129-00-0	Pyrene	50 (G)	ug/L				11 U	10 U	10 U	
	Total SVOCs			ND	ND	ND	ND	ND	ND	3
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.052 U		0.051 U	0.052 U	0.054 U	0.051 U	0.053 U
319-84-6	alpha BHC	0.01	ug/L	0.052 U		0.051 U				0.053 U
5103-71-9	alpha Chlordane	0.05	ug/L	0.052 U		0.051 U				0.053 U
319-85-7	beta BHC	0.04	ug/L	0.052 U		0.051 U	0.052 U	0.054 U	0.051 U	0.053 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U		0.1 U				0.11 U
72-55-9	4,4'-DDE	0.2	ug/L	0.0055 BJP		0.1 U				0.11 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U		0.1 U				0.11 U
319-86-8	delta-BHC	0.04	ug/L	0.052 U		0.051 U				0.053 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U		0.1 U				0.11 U
959-98-8	Endosulfan I	NS	ug/L	0.052 U		0.051 U				0.053 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U		0.1 U				0.11 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U		0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
72-20-8	Endrin	ND	ug/L	**0.017 BJP**		0.1 U				0.11 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U		0.012 BJP				0.11 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U		0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
58-89-9	gamma-BHC	0.05	ug/L	0.052 U		0.051 U				0.053 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.052 U		0.051 U	0.052 U	0.054 U	0.051 U	0.053 U
76-44-8	Heptachlor	0.04	ug/L	0.052 U		0.051 U				0.053 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.052 U		0.051 U	0.052 U	0.054 U	0.051 U	0.053 U
72-43-5	Methoxychlor	35	ug/L	0.52 U		0.51 U				0.53 U
	Total Pesticides			0.0225	NA	0.012	ND	ND	ND	ND
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	458		1390	604	567	763	89.7 B
7440-36-0	Antimony	3	ug/L	1.4 U		2.1 U	2.3 U	2.3 U	2.1 U	2.2 UJE
7440-38-2	Arsenic	25	ug/L	2.1 B		4.5 B	2.7 B	2.6 B	4.2 B	17.9
7440-39-3	Barium	1000	ug/L	151 B		142 B	155 B	160 B	237	308
7440-41-7	Beryllium	3 (G)	ug/L	0.08 U		0.21 B	0.13 B	0.13 U	0.15 B	1.1 B
7440-43-9	Cadmium	5	ug/L	0.24 U		0.37 U	0.31 U	0.31 U	0.37 U	**5.1**
7440-70-2	Calcium	NS	ug/L	127000		116000	101000	106000	105000	140000
7440-47-3	Chromium	50	ug/L	11.2		26.6	6.4 B E	4.9 B E	14.2	1.5 U
7440-48-4	Cobalt	NS	ug/L	0.93 U		2.2 B	1.2 U	1.2 U	1.6 U	2.1 U
7440-50-8	Copper	200	ug/L	0.92 B		3.9 B	1.3 U	1.3 U	2.7 B	7.7 U
7439-89-6	Iron	300	ug/L	**15000**		**16700**	**13600**	**14100**	**15700**	**19300**
7439-92-1	Lead	25	ug/L	0.66 U		3.2	1.8 U N	1.8 U N	0.78 U	2.7 U
7439-95-4	Magnesium	35000 (G)	ug/L	32900		31200	27800	28500	30400	**42700**
7439-96-5	Manganese	300	ug/L	**512**		**520**	**444**	**460**	**485**	200
7439-97-6	Mercury	0.7	ug/L	0.18 U		0.15 U	0.12 U	0.12 U	0.02 U	0.2 U
7440-02-0	Nickel	100	ug/L	3 B		14.2 B	1.4 U	10.3 B	5.9 B	39.0
7440-09-7	Potassium	NS	ug/L	13500		7790	7350	7440	7980	1830 B
7782-49-2	Selenium	10	ug/L	1.8 U		2.2 U	2 B	1.5 U	1.8 U	1.4 UW
7440-22-4	Silver	50	ug/L	0.73 U		1 U	1.8 U	1.8 U	1.2 U	0.8 U
7440-23-5	Sodium	20000	ug/L	**66500**		**62800**	**58900 E**	**60700 E**	**57000**	**70700**
7440-28-0	Thallium	5 (G)	ug/L	3.6 U		5.1 U	4.8 U	4.8 U	3.6 U	9.2 U
7440-62-2	Vanadium	NS	ug/L	4.4 B		6.2 B	3.8 B	3.2 B	6.3 B	4 U
7440-66-6	Zinc	2000 (G)	ug/L	7 B		28.1	46	56.6	16.8 B	87.5
57-12-5	Cyanide	200	ug/L	10 U		12.5	10 U	10 U	10 U	0.55 U

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID Lab Sample Depth Source SDG Matrix Sampled Validated	MW-4 G5191 OBG 5116 Water 11/20/1997	MW-4 H1021 OBG 6857 Water 2/20/1998	MW-4 H7396 OBG 7810 Water 5/28/1998	MW-4DUP H7399 OBG 7810 Water 5/28/1998	MW-4 J8485 OBG 9595 Water 10/22/1998	MW-4 M0194 OBG 1489 Water 4/20/1999	MW-4 N5015 OBG 3880 Water 11/10/1999
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	2 J	3 J	2 J	10 U	4 J	9 J	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	11	45
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	10 U	2 J	10 U	10 U
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Total VOCs			2	3	2	ND	6	20	45
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L							
50-32-8	Benzo[a]pyrene	ND	ug/L							
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L							
191-24-2	Benzo[g,h,i]perylene	NS	ug/L							
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L							
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	1 J	10 U	10 U	10 U	10 U	10 U	2 J
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L							
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L							
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L							
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L							
	Total SVOCs			1	ND	ND	ND	ND	ND	2
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L		0.051 U	0.05 U	0.0017 JP	0.05 U	0.0089 BJP	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.00093 JP	0.05 U
319-85-7	beta-BHC	0.04	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.0007 JP	0.0012 JP
50-29-3	4,4'-DDT	0.2	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	0.004	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.0043 JP	0.0014 BJP
33213-65-9	Endosulfan II	NS	ug/L		0.1 U	0.1 U	0.1 U	0.0008 JP	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L		0.1 U	0.1 U	0.1 U	0.0017 BJP	0.0042 JP	0.0032 JP
72-20-8	Endrin	ND	ug/L		0.1 U	0.00073 JP	0.1 U	0.1 U	**0.0028 J**	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L		0.1 U	0.1 U	0.1 U	0.0028 JP	0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L		0.1 U	0.1 U	0.1 U	0.0014 JP	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.004 JP	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L		0.051 U	0.002 JP	0.001 JP	0.0017 JP	0.0056 BJP	0.05 U
76-44-8	Heptachlor	0.04	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.051 U	0.05 U	0.05 U	0.05 U	0.00034 JP	0.05 U
72-43-5	Methoxychlor	35	ug/L		0.51 U	0.5 U	0.5 U	0.5 U	0.0033 JP	0.5 U
	Total Pesticides			NA	ND	0.00273	0.0027	0.0084	0.03507	0.0058
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	1460	1300	553	453	515	451	787
7440-36-0	Antimony	3	ug/L	2.6 U	2.6 U	2.9 U	2.9 U	1.3 U	1.6 U	2.5 U
7440-38-2	Arsenic	25	ug/L	4.2 U	4.2 U	9.6 B	10.3	6.6 B	8.3 B	2.5 B
7440-39-3	Barium	1000	ug/L	47.6 B	43.3 B	214	210	176 B	175 B	61.3 B
7440-41-7	Beryllium	3 (G)	ug/L	0.11 B	0.09 B	0.12 U	0.12 U	0.07 U	0.13 U	0.05 B
7440-43-9	Cadmium	5	ug/L	3.3 B	0.39 B	0.49 U	0.49 U	0.43 U	0.88 B	0.35 B
7440-70-2	Calcium	NS	ug/L	59000	63600	141000	140000	132000	137000	70000
7440-47-3	Chromium	50	ug/L	7.6 B	5.2 B	2 B	5.5 B	7.1 B	8.9 B	7.2 BE
7440-48-4	Cobalt	NS	ug/L	1.6 B	1.2 U	2.3 U	2.3 U	2.3 U	1.6 U	1.7 U
7440-50-8	Copper	200	ug/L	7.2 B	3.7 B	1.7 B	1.9 B	2.6 B	1.8 B	3.2 B
7439-89-6	Iron	300	ug/L	**3710**	**1860**	**19400**	**19100**	**20100**	**19400**	**2000**
7439-92-1	Lead	25	ug/L	5.9	1.1 U	1.8 U	1.8 U	2.5 B	1.1 U	1.4 B
7439-95-4	Magnesium	35000 (G)	ug/L	16800	17800	**38900**	**38900**	**36700**	**37500**	19800
7439-96-5	Manganese	300	ug/L	11.1	9.4.4	224	223	213	225	71.1
7439-97-6	Mercury	0.7	ug/L	0.14 U	0.2 U	0.09 U	0.09 U	0.15 U	0.11 U	0.11 U
7440-02-0	Nickel	100	ug/L	6.7 B	4.2 B	1.8 B	2.7 B	1.4 B	2.7 B	4.8 E
7440-09-7	Potassium	NS	ug/L	1100 B	2130 B	1120 B	1040 B	883 B	1180 B	2500 B
7782-49-2	Selenium	10	ug/L	3 U	4 U	4.8 U	4.8 U	2 U	3.6 U	3 U
7440-22-4	Silver	50	ug/L	0.56 U	0.6 U	1.1 U	1.1 U	1.2 U	1 U	0.78 U
7440-23-5	Sodium	20000	ug/L	3490 B	5100	**64100**	**64300**	**70500**	**75000**	9540 E
7440-28-0	Thallium	5 (G)	ug/L	3.3 U	**4.1 B**	7.4 U	7.4 U	5.5 U	3.8 U	5.1 U
7440-62-2	Vanadium	NS	ug/L	3.5 B	3.6 B	2.7 B	2.7 B	1.8 B	2.6 B	1.8 BE
7440-66-6	Zinc	2000 (G)	ug/L	51	27.6	25.1	18.5 B	24.2	13.2 B	22.4
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Detected Monitoring Summary
Monitoring Wells Sample

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5RE
			Lab Sample	V4311	Z7814	162136	G5119	H1022	H7532	H7532RE
			Depth							
			Source	OB	OB	Columbia	OBG	OBG	OBG	OBG
			SDG	2494	4203	MW1	5116	6857	7830	7830
			Matrix	Water	Water	Water	Water	Water	Water	Water
			Sampled	6/18/2002	12/18/2002	8/12/1997	11/20/1997	2/20/1998	5/29/1998	5/29/1998
			Validated							
CAS NO	COMPOUND		UNITS							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	10 U	4 JB	10 U	10 U	5 J	10	
71-43-2	Benzene	1	ug/L	10 U	10 U	**3 J**	**25**	**92**	**97**	
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	2 J	10 U	
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
75-00-3	Chloroethane	5	ug/L			10 U	10 U	10 U	10 U	
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
74-87-3	Chloromethane	5	ug/L			10 U	10 U	10 U	10 U	
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	5 J	**8 J**	
75-09-2	Methylene chloride	5	ug/L	1 J	1 JB	10 U	10 U	10 U	10 U	
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	2 J	1 J	
127-18-4	Tetrachloroethene	5	ug/L			10 U	10 U	10 U	10 U	
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	4 J	**28**	**35**	
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	2 J	**29**	**42**	
	Total VOCs			1	5	3	31	161	193	NA
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U	11 U					
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	11 U					
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	11 U					
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	11 U					
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	11 U					
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	1 J	2 JB	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L			1 JB	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	11 U					
84-66-2	Diethyl phthalate	50 (G)	ug/L			12 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L			4 JB	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	11 U	12 U	**7 J**	**25**	**30**	**31**
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	11 U					
193-39-5	Indeno(1,2,3-cd)pyrene	0.002 (G)	ug/L	10 U	11 U					
95-48-7	2-Methylphenol	1	ug/L	10 U	11 U	12 U	**2 J**	**6 J**	**6 J**	**5 J**
106-44-5	4-Methylphenol	1	ug/L	10 U	11 U	12 U	**4 J**	**9 J**	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	11 U	1 J	4 J	8 J	4 J	4 J
108-95-2	Phenol	1	ug/L	10 U	11 U	**3 JB**	**3 J**	**6 J**	**2 J**	**2 J**
129-00-0	Pyrene	50 (G)	ug/L	10 U	11 U					
	Total SVOCs			ND	1	11	20	54	42	42
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.024 JP	0.051 U	0.053 U	0.051 U	0.05 U	0.051 U	
319-84-6	alpha-BHC	0.01	ug/L			0.053 U	0.051 U	0.05 U	0.051 U	
5103-71-9	alpha-Chlordane	0.05	ug/L			0.053 U	0.051 U	0.05 U	0.051 U	
319-85-7	beta-BHC	0.04	ug/L	0.051 U	0.051 U	0.053 U	0.051 U	0.05 U	0.051 U	
72-54-8	4,4'-DDD	0.3	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	
72-55-9	4,4'-DDE	0.2	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	
50-29-3	4,4'-DDT	0.2	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	
319-86-8	delta-BHC	0.04	ug/L			0.053 U	0.051 U	0.05 U	0.051 U	
60-57-1	Dieldrin	0.004	ug/L			0.11 U	0.1 U	**0.0095 JP**	0.003 JP	
959-98-8	Endosulfan I	NS	ug/L			0.053 U	0.051 U	0.05 U	0.051 U	
33213-65-9	Endosulfan II	NS	ug/L			0.11 U	0.1 U	0.0026 J	0.0011 BJP	
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.0067 JP	
72-20-8	Endrin	ND	ug/L			0.11 U	0.1 U	0.1 U	0.0078 JP	
7421-93-4	Endrin aldehyde	5	ug/L			0.11 U	0.1 U	0.1 U	0.1 U	
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	
58-89-9	gamma-BHC	0.05	ug/L			0.053 U	0.051 U	0.0037 JP	0.0041 JP	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.051 U	0.053 U	0.051 U	0.05 U	0.051 U	
76-44-8	Heptachlor	0.04	ug/L			0.053 U	0.051 U	0.05 U	0.0047 JP	
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0023 JP	0.051 U	0.053 U	0.051 U	0.003 JP	0.051 U	
72-43-5	Methoxychlor	35	ug/L			0.53 U	0.51 U	0.5 U	0.51 U	
	Total Pesticides			0.0263	ND	ND	ND	0.0188	0.0274	NA
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	1140	324	114 B	2630	1100	503	
7440-36-0	Antimony	3	ug/L	2.3 U	2.1 U	2.2 UE	2.6 U	2.6 U	2.9 U	
7440-38-2	Arsenic	25	ug/L	18	13.8	15.6	11.4	11.4	10.5	
7440-39-3	Barium	1000	ug/L	137 B	163 B	171 B	324	156 B	114 B	
7440-41-7	Beryllium	3 (G)	ug/L	0.13 U	0.01 U	1.8 B	0.17 B	0.2 B	0.12 U	
7440-43-9	Cadmium	5	ug/L	0.58 B	0.43 B	**6.6**	0.24 U	0.3 U	0.49 U	
7440-70-2	Calcium	NS	ug/L	104000	119000	96000	153000	51600	38500	
7440-47-3	Chromium	50	ug/L	7.3 B E	6 B	1.5 U	23	8.9 B	8 B	
7440-48-4	Cobalt	NS	ug/L	1.2 U	1.6 U	3 B	1.1 U	1.2 U	2.3 U	
7440-50-8	Copper	200	ug/L	1.6 B	0.89 U	7.7 U	13.1 B	13.4 B	17.5 B	
7439-89-6	Iron	300	ug/L	**14500**	**12400**	**32800**	**24200**	**12800**	**10200**	
7439-92-1	Lead	25	ug/L	2.4 B N	0.78 U	2.7 U	7.7	6.7	6.3	
7439-95-4	Magnesium	35000 (G)	ug/L	28000	34500	**51800**	**41700**	14600	10100	
7439-96-5	Manganese	300	ug/L	**1610**	**569**	226	259	189	160	
7439-97-6	Mercury	0.7	ug/L	0.12 U	0.02 U	0.2 U	0.14 U	0.2 U	0.09 U	
7440-02-0	Nickel	100	ug/L	1.4 U	1.6 U	3.9 U	12.8 B	4.9 B	4.6 B	
7440-09-7	Potassium	NS	ug/L	4450 B	2250 B	4220 B	8010	25100	28600	
7782-49-2	Selenium	10	ug/L	1.5 U	1.8 U	1.4 UW	4 U	4 U	4.8 U	
7440-22-4	Silver	50	ug/L	1.8 U	1.2 U	0.8 U	0.92 B	0.6 U	1.1 U	
7440-23-5	Sodium	20000	ug/L	**145000 E**	**50700**	**49800**	**47700**	**98000**	**108000**	
7440-28-0	Thallium	5 (G)	ug/L	4.8 U	3.6 U	**13.5**	**3.9 B**	3.4 U	7.4 U	
7440-62-2	Vanadium	NS	ug/L	6.4 B	2.8 B	4 U	8.5 B	9.9 B	9.6 B	
7440-66-6	Zinc	2000 (G)	ug/L	30.6	11.7 B	64.1	37.7	24.2	34.9	
57-12-5	Cyanide	200	ug/L	16.3	10 U	4.7 B	19.5	41.6	12.5	

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	MW-1 dup S7276 OBG 9259 Water 6/18/2001	MW-1 Z7440 OB 4203 Water 12/17/2002	MW-1 dup Z7441 OB 4203 Water 12/17/2002	MW-2 162139 Columbia MW1 Water 8/12/1997	MW-2 G5114 OBG 5116 Water 11/20/1997	MW-2 H0916 OBG 6847 Water 2/19/1998	MW-2 H7394 OBG 7810 Water 5/28/1998
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	10 U	2 JB	2 JB	10 U	10 U	10 U	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U			10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	1 J	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U			10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	0.8 JB	0.9 JB	10 U	10 U	10 U	10 U
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U			10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Total VOCs			ND	2.8	2.9	ND	1	ND	ND
	SEMIVOLATILES									
56-55-3	Benzo[a]anthracene	20 (G)	ug/L		10 U	10 U				
50-32-8	Benzo[a]pyrene	ND	ug/L		10 U	10 U				
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L		10 U	10 U				
191-24-2	Benzo[g,h,i]perylene	NS	ug/L		10 U	10 U				
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L		10 U	10 U				
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	2 JB	1 J	1 J	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U			2 JB	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L		10 U	10 U				
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U			1 J	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U			3 JB	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L		10 U	10 U				
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L		10 U	10 U				
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	11 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	4 JB	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L		10 U	10 U				
	Total SVOCs			ND	ND	ND	12	1	1	ND
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.05 U	0.051 U	0.051 U	0.053 U	0.05 U	0.05 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U			0.053 U	0.05 U	0.05 U	0.0024 J
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U			0.053 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.051 U	0.053 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U			0.11 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.0024 BJP			0.11 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U			0.11 U	0.1 U	0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U			0.053 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U			0.11 U	0.1 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U			0.053 U	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U			0.11 U	0.1 U	0.1 U	0.003 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	25 JP	0.1 U
72-20-8	Endrin	ND	ug/L	0.1 U			0.11 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U			0.11 U	0.1 U	0.1 U	0.0042 JP
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U			0.053 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.051 U	0.053 U	0.05 U	0.05 U	0.0025 JP
76-44-8	Heptachlor	0.04	ug/L	0.05 U			0.053 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.051 U	0.051 U	0.053 U	0.05 U	0.05 U	0.00047 JP
72-43-5	Methoxychlor	35	ug/L	0.5 U			0.53 U	0.5 U	0.5 U	0.5 U
	Total Pesticides			0.0024	ND	ND	ND	ND	25	0.01257
	PCBS									
	None Detected									
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	83.8 B	11500	10300	329	37800	34600	19400
7440-36-0	Antimony	3	ug/L	1.4 U	2.1 U	2.1 U	2.6 BE	2.6 U	2.6 U	2.9 U
7440-38-2	Arsenic	25	ug/L	15.6	36.8	36	38.7	51.1	45.2	35.7
7440-39-3	Barium	1000	ug/L	372	1170	1140	76.9 B	457	432	275
7440-41-7	Beryllium	3 (G)	ug/L	0.31 B	0.63 B	0.48 B	0.38 B	2 B	1.7 B	0.94 B
7440-43-9	Cadmium	5	ug/L	0.49 B	0.37 U	0.37 U	0.89 B	1.5 B	0.5 B	0.49 U
7440-70-2	Calcium	NS	ug/L	108000	279000	265000	202000	459000	452000	378000
7440-47-3	Chromium	50	ug/L	6.7 B	21	19.6	1.5 U	94.1	89.4	77.8
7440-48-4	Cobalt	NS	ug/L	0.93 U	5.4 B	5 B	2.1 U	29.4 B	23.6 B	10.8 B
7440-50-8	Copper	200	ug/L	1.2 B	23 B	19.6 B	7.7 U	112	103	51.1
7439-89-6	Iron	300	ug/L	24300	30600	28300	6020	79000	67700	42000
7439-92-1	Lead	25	ug/L	0.66 U	10.6	9.5	2.7 U	108	85.1	45.4
7439-95-4	Magnesium	35000 (G)	ug/L	14900	71700	68000	66300	118000	118000	95400
7439-96-5	Manganese	300	ug/L	290	563	472	59.6	1920	1810	1160
7439-97-6	Mercury	0.7	ug/L	0.18 U	0.02 U	0.02 U	0.2 U	0.17 B	0.2 U	0.1 B
7440-02-0	Nickel	100	ug/L	2.6 B	19 B	17.4 B	3.9 U	77.5	73.1	51.2
7440-09-7	Potassium	NS	ug/L	12600	5210	4920 B	2200 B	7800	7460	5660
7782-49-2	Selenium	10	ug/L	1.8 U	1.8 U	1.8 U	1.4 U	6.2	4.05 U	4.8 U
7440-22-4	Silver	50	ug/L	0.73 U	1.2 U	1.2 U	0.8 U	0.56 U	0.6 U	1.1 U
7440-23-5	Sodium	20000	ug/L	23400	42000	42000	16500	19700	20100	15900
7440-28-0	Thallium	.5 (G)	ug/L	3.6 U	3.6 U	3.6 U	27	7.6 B	6.6 B	7.4 U
7440-62-2	Vanadium	NS	ug/L	1.4 B	23.1 B	21 B	4 U	71.6	60.6	39.8 B
7440-66-6	Zinc	2000 (G)	ug/L	8.4 B	66.4	64.2	55.7	376	321	187
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	0.55 U	10 U	10 U	10 U

APPENDIX B-2
SUMP CHEMICAL ANALYSIS RESULTS
(1997 TO 2002)

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 G5093 OBG 5116 Water 11/20/1997	S-1DL G5093DL OBG 5116 Water 11/20/1997	S-1RE G5093RE OBG 5116 Water 11/20/1997	S-1 H0918 OBG 6847 Water 2/18/1998	S-1DL H0918DL OBG 6847 Water 2/18/1998	S-1RE H0918RE OBG 6847 Water 2/18/1998
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	7 J			4 J		
71-43-2	Benzene	1	ug/L	10 U			10 U		
78-93-3	2-Butanone	50	ug/L	10 U			10 U		
75-15-0	Carbon disulfide	NS	ug/L	10 U			10 U		
108-90-7	Chlorobenzene	5	ug/L						
75-00-3	Chloroethane	5	ug/L	10 U			10 U		
74-87-3	Chloromethane	5	ug/L	10 U			10 U		
156-59-2	cis-1,2-Dichloroethene	5	ug/L						
75-35-3	1,1-Dichloroethane	5	ug/L	2 J			2 J		
540-59-0	1,2-Dichloroethene (total)	5	ug/L	10 U			10 U		
100-41-4	Ethylbenzene	5	ug/L	10 U			10 U		
108-10-1	4-Methyl-2-pentanone	NS	ug/L	3 J			2 J		
75-09-2	Methylene chloride	5	ug/L	10 U			10 U		
127-18-4	Tetrachloroethene	5	ug/L	10 U			10 U		
108-88-3	Toluene	5	ug/L	10 U			10 U		
156-60-5	trans-1,2-Dichloroethene	5	ug/L						
79-01-6	Trichloroethene	5	ug/L	10 U			10 U		
75-01-4	Vinyl chloride	2	ug/L	10 U			10 U		
1330-20-7	Xylene (total)	5	ug/L	2 J			2 J		
	Total VOCs			14	NA	NA	10	NA	NA
	SEMIVOLATILES								
83-32-9	Acenaphthene	20 (G)	ug/L	11	15 JD	11	38	43 JD	40
208-96-8	Acenaphthylene	NS	ug/L	10 U	100 U	10 U	10 U	100 U	10 U
120-12-7	Anthracene	50 (G)	ug/L	14	14 JD	15	39	38 JD	27
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	17	22 JD	19	94 E	96 JD	98 E
50-32-8	Benzo[a]pyrene	ND	ug/L	12	13 JD	11	57	55 JD	57
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	16	20 JD	17	75	76 JD	72
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	6 J	100 U	7 J	34	28 JD	35
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	6 J	100 U	4 J	29	31 JD	30
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	21	24 JD	22	120 E	120 D	130 E
86-74-8	Carbazole	NS	ug/L	10 U	100 U	10 U	10 U	100 U	10 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	100 U	10 U	10 U	100 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	19	26 JD	22	90 E	110 D	93 E
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	100 U	10 U	10	100 U	11
132-64-9	Dibenzofuran	NS	ug/L	5 J	100 U	5 J	31	30 JD	32
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	100 U	10 U	3 J	100 U	3 J
106-46-7	1,4-Dichlorobenzene	3	ug/L	2 J	100 U	2 J	14	15 JD	14
120-83-2	2,4-Dichlorophenol	1	ug/L	1 J	100 U	1 J	10 U	100 U	10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	100 U	10 U	10 U	100 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	260 E	400 D	240 E	290 E	290 D	300 E
206-44-0	Fluoranthene	50 (G)	ug/L	82 E	93 JD	100 E	330 E	300 D	230 E
86-73-7	Fluorene	50 (G)	ug/L	8 J	15 JD	9 J	30	53 JD	31
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	6 J	100 U	6 J	30	27 JD	30
91-57-6	2-Methylnaphthalene	NS	ug/L	2 J	100 U	2 J	5 J	100 U	6 J
95-48-7	2-Methylphenol	1	ug/L	51	53 JD	46	33	34 JD	31
106-44-5	4-Methylphenol	1	ug/L	86 E	110 D	83 E	37	39 JD	35
91-20-3	Naphthalene	10 (G)	ug/L	3 J	100 U	3 J	5 J	100 U	4 J
85-01-8	Phenanthrene	50 (G)	ug/L	24	37 JD	27	140 E	140 D	99 E
108-95-2	Phenol	1	ug/L	68	82 JD	61	40	44 JD	36
129-00-0	Pyrene	50 (G)	ug/L	45	64 JD	49	290 E	330 D	300 E
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	12	15 JD	11	52	48 JD	54
	Total SVOCs			777	1003	773	1916	1947	1798

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 G5093 OBG 5116 Water 11/20/1997	S-1DL G5093DL OBG 5116 Water 11/20/1997	S-1RE G5093RE OBG 5116 Water 11/20/1997	S-1 H0918 OBG 6847 Water 2/18/1998	S-1DL H0918DL OBG 6847 Water 2/18/1998	S-1RE H0918RE OBG 6847 Water 2/18/1998
CAS NO.	COMPOUND		UNITS:						
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.25 U	2.5 U		0.25 U	2.5 U	
319-84-6	alpha-BHC	0.01	ug/L	0.25 U	2.5 U		0.25 U	2.5 U	
5103-71-9	alpha-Chlordane	0.05	ug/L	0.25 U	2.5 U		0.25 U	2.5 U	
319-85-7	beta-BHC	0.04	ug/L	0.25 U	2.5 U		0.25 U	2.5 U	
72-54-8	4,4'-DDD	0.3	ug/L	0.026 JP	5 U		0.26 JP	0.38 JPD	
72-55-9	4,4'-DDE	0.2	ug/L	0.5 U	5 U		1.4 P	2.3 JPD	
50-29-3	4,4'-DDT	0.2	ug/L	0.5 U	5 U		0.5 U	5 U	
319-86-8	delta-BHC	0.04	ug/L	0.25 U	2.5 U		0.021 JP	2.5 U	
60-57-1	Dieldrin	0.004	ug/L	0.5 U	5 U		0.5 U	5 U	
959-98-8	Endosulfan I	NS	ug/L	0.25 U	2.5 U		0.25 U	2.5 U	
33213-65-9	Endosulfan II	NS	ug/L	1.4	5 U		17 E	29 D	
1031-07-8	Endosulfan sulfate	NS	ug/L	0.5 U	5 U		0.5 U	5 U	
72-20-8	Endrin	ND	ug/L	0.5 U	5 U		0.5 U	5 U	
7421-93-4	Endrin aldehyde	5	ug/L	0.5 U	5 U		1.8 P	2.3 JPD	
53494-70-5	Endrin ketone	5	ug/L	0.5 U	5 U		0.5 U	1.3 JPD	
58-89-9	gamma-BHC	0.05	ug/L	0.25 U	2.5 U		0.25 U	2.5 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.25 U	2.5 U		0.25 U	2.5 U	
76-44-8	Heptachlor	0.04	ug/L	0.25 U	2.5 U		0.39 P	0.58 JPD	
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.25 U	2.5 U		0.25 U	2 JPD	
72-43-5	Methoxychlor	35	ug/L	0.079 JP	25 U		2.5 U	25 U	
	Total Pesticides			1.505	ND	NA	20.871	37.86	NA
	PCBS								
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	5 U	50 U		5 U	50 U	
12672-29-6	Aroclor-1248	of 0.09	ug/L	7.4	10 JD		100 P	160 PD	
11096-82-5	Aroclor-1260		ug/L	43	66 D		330 E	820 D	
	Total PCBs			50.4	76	NA	430	980	NA
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	142 B			1090		
7440-36-0	Antimony	3	ug/L	2.6 U			2.6 U		
7440-38-2	Arsenic	25	ug/L	4.7 B			5.8 B		
7440-39-3	Barium	1000	ug/L	187 B			196 B		
7440-41-7	Beryllium	3 (G)	ug/L	0.06 U			0.1 B		
7440-43-9	Cadmium	5	ug/L	0.24 U			0.3 U		
7440-70-2	Calcium	NS	ug/L	46300			50900		
7440-47-3	Chromium	50	ug/L	1.2 B			5.4 B		
7440-48-4	Cobalt	NS	ug/L	1.1 U			1.2 U		
7440-50-8	Copper	200	ug/L	7.4 B			5.3 B		
7439-89-6	Iron	300	ug/L	1500			4440		
7439-92-1	Lead	25	ug/L	2.6 B			8.2		
7439-95-4	Magnesium	35000 (G)	ug/L	9410			10100		
7439-96-5	Manganese	300	ug/L	1210			1330		
7440-02-0	Nickel	100	ug/L	7.7 B			17 B		
7440-09-7	Potassium	NS	ug/L	16700			14500		
7782-49-2	Selenium	10	ug/L	4 U			4 U		
7440-22-4	Silver	50	ug/L	0.56 U			0.6 U		
7440-23-5	Sodium	20000	ug/L	116000			110000		
7440-28-0	Thallium	.5 (G)	ug/L	3.3 U			4.1 B		
7440-62-2	Vanadium	NS	ug/L	1.8 B			3.6 B		
7440-66-6	Zinc	2000 (G)	ug/L	15.8 B			157		
57-12-5	Cyanide	200	ug/L	14.9			10 U		

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 H7400 OBG 7810 Water 5/28/1998	S-1RE H7400RE OBG 7810 Water 5/28/1998	S-1 J8341 OBG 9571 Water 10/21/1998	S-1DL J8341DL OBG 9571 Water 10/21/1998	S-1 M0193 OBG 1489 Water 4/20/1999	S-1DL M0193DL OBG 1489 Water 4/20/1999
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	9 J		10 J		13	
71-43-2	Benzene	1	ug/L	10 U		10 U		10 U	
78-93-3	2-Butanone	50	ug/L	10 U		10 U		10 U	
75-15-0	Carbon disulfide	NS	ug/L	10 U		10 U		7 J	
108-90-7	Chlorobenzene	5	ug/L						
75-00-3	Chloroethane	5	ug/L	10 U		10 U		10 U	
74-87-3	Chloromethane	5	ug/L	10 U		10 U		10 U	
156-59-2	cis-1,2-Dichloroethene	5	ug/L			10 U		10 U	
75-35-3	1,1-Dichloroethane	5	ug/L	10 U		10 U		10 U	
540-59-0	1,2-Dichloroethene (total)	5	ug/L	10 U		10 U		10 U	
100-41-4	Ethylbenzene	5	ug/L	10 U		10 U		10 U	
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U		2 J		10 U	
75-09-2	Methylene chloride	5	ug/L	10 U		2 J		10 U	
127-18-4	Tetrachloroethene	5	ug/L	10 U		10 U		10 U	
108-88-3	Toluene	5	ug/L	10 U		10 U		10 U	
156-60-5	trans-1,2-Dichloroethene	5	ug/L			10 U		10 U	
79-01-6	Trichloroethene	5	ug/L	10 U		10 U		10 U	
75-01-4	Vinyl chloride	2	ug/L	10 U		10 U		10 U	
1330-20-7	Xylene (total)	5	ug/L	10 U		10 U		10 U	
	Total VOCs			9	NA	14	NA	20	NA
	SEMIVOLATILES								
83-32-9	Acenaphthene	20 (G)	ug/L	3 J	3 J	370 D	380 JD	180 D	180 J D
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	100 U	510 U	53 U	260 U
120-12-7	Anthracene	50 (G)	ug/L	2 J	2 J	300 D	270 JD	110 D	110 J D
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	2 J	2 J	420 D	390 JD	310 D	310 D
50-32-8	Benzo[a]pyrene	ND	ug/L	2 J	1 J	230 D	250 JD	150 D	150 J D
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	2 J	2 J	350 D	330 JD	210 D	250 J D
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	130 D	220 JD	220 D	190 J D
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	160 D	150 JD	77 D	98 J D
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	4 J	4 J	530 D	680 D	190 D	170 J D
86-74-8	Carbazole	NS	ug/L	2 J	2 J	100 U	510 U	53 U	260 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	100 U	510 U	53 U	260 U
218-01-9	Chrysene	0.002 (G)	ug/L	2 J	2 J	430 D	380 JD	380 D	390 D
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	40 JD	510 U	53 U	260 U
132-64-9	Dibenzofuran	NS	ug/L	2 J	2 J	250 D	260 JD	73 D	82 J D
541-73-1	1,3-Dichlorobenzene	3	ug/L	1 J	1 J	16 JD	510 U	53 U	260 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	6 J	6 J	77 JD	74 JD	13 J D	260 U
120-83-2	2,4-Dichlorophenol	1	ug/L	10 U	10 U	100 U	510 U	53 U	260 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	100 U	510 U	53 U	260 U
105-67-9	2,4-Dimethylphenol	1	ug/L	78	78	84 JD	65 JD	33 J D	28 J D
206-44-0	Fluoranthene	50 (G)	ug/L	6 J	7 J	1800 ED	1300 D	710 ED	840 D
86-73-7	Fluorene	50 (G)	ug/L	2 J	2 J	390 D	430 JD	99 D	120 J D
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	120 D	200 JD	190 D	140 J D
91-57-6	2-Methylnaphthalene	NS	ug/L	1 J	1 J	130 D	130 JD	17 J D	260 U
95-48-7	2-Methylphenol	1	ug/L	6 J	6 J	100 U	510 U	53 U	260 U
106-44-5	4-Methylphenol	1	ug/L	37	36	100 U	510 U	53 U	260 U
91-20-3	Naphthalene	10 (G)	ug/L	2 J	2 J	65 JD	62 JD	6 J D	260 U
85-01-8	Phenanthrene	50 (G)	ug/L	4 J	4 J	1400 ED	1300 D	210 D	220 J D
108-95-2	Phenol	1	ug/L	17	16	100 U	510 U	53 U	260 U
129-00-0	Pyrene	50 (G)	ug/L	11	11	1200 ED	1400 D	1400 ED	2000 D
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	4 J	4 J	31 JD	510 U	53 U	260 U
	Total SVOCs			196	194	8523	6271	4578	5278

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 H7400 OBG 7810 Water 5/28/1998	S-1RE H7400RE OBG 7810 Water 5/28/1998	S-1 J8341 OBG 9571 Water 10/21/1998	S-1DL J8341DL OBG 9571 Water 10/21/1998	S-1 M0193 OBG 1489 Water 4/20/1999	S-1DL M0193DL OBG 1489 Water 4/20/1999
CAS NO.	COMPOUND		UNITS:						
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.008 JP		0.25 U	2.5 U	0.25 U	2.5 U
319-84-6	alpha-BHC	0.01	ug/L	0.011 JP		0.25 U	2.5 U	0.25 U	2.5 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U		0.25 U	2.5 U	0.25 U	2.5 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U		0.25 U	2.5 U	0.25 U	2.5 U
72-54-8	4,4'-DDD	0.3	ug/L	0.058 JP		0.033 JP	0.068 JPD	0.051 JP	5.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.016 JP		0.51 P	0.8 JPD	1.3 P	2 JD
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U		0.5 U	5 U	0.51 U	0.035 JP
319-86-8	delta-BHC	0.04	ug/L	0.05 U		0.25 U	2.5 U	0.0048 JP	2.5 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U		0.5 U	5 U	0.51 U	5.1 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U		0.25 U	2.5 U	0.14 JP	2.5 U
33213-65-9	Endosulfan II	NS	ug/L	0.081 JP		3.1	4.6 J	2.1	2.8 JPD
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U		0.086 BJP	0.12 BJPD	0.51 U	5.1 U
72-20-8	Endrin	ND	ug/L	0.023 JP		0.5 U	5 U	0.51 U	0.17 JPD
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U		0.045 JP	5 U	0.3 JP	0.65 JPD
53494-70-5	Endrin ketone	5	ug/L	0.1 U		0.5 U	5 U	0.51 U	5.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U		0.25 U	2.5 U	0.25 U	2.5 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.02 JP		0.25 U	2.5 U	0.25 U	2.5 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U		0.25 U	2.5 U	0.25 U	2.5 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0057 JP		0.25 U	2.5 U	0.25 U	2.5 U
72-43-5	Methoxychlor	35	ug/L	0.097 JP		2.5 U	25 U	0.83 JP	1.3 JPD
	Total Pesticides			0.3197	NA	3.774	5.588	4.7258	6.955
	PCBS								
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	0.88 JP		5 U	50 U	5.1 U	51 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	1 U		39 P	61 PD	74 P	110 PD
11096-82-5	Aroclor-1260		ug/L	2.4 P		89 E	150 D	72 P	110 PD
	Total PCBs			3.28	NA	128	211	146	220
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	30.2 B		5870		2390	
7440-36-0	Antimony	3	ug/L	2.9 U		4.9 B		2.9 B	
7440-38-2	Arsenic	25	ug/L	10.2		20.6		10.4	
7440-39-3	Barium	1000	ug/L	151 B		463		332	
7440-41-7	Beryllium	3 (G)	ug/L	0.12 U		0.34 B		0.18 B	
7440-43-9	Cadmium	5	ug/L	0.49 U		1.8 B		0.55 B	
7440-70-2	Calcium	NS	ug/L	45700		233000		152000	
7440-47-3	Chromium	50	ug/L	1.6 U		16.3		7.6 B	
7440-48-4	Cobalt	NS	ug/L	2.3 U		5.7 B		2.2 B	
7440-50-8	Copper	200	ug/L	4 B		115		79.1	
7439-89-6	Iron	300	ug/L	3060		21800		7920	
7439-92-1	Lead	25	ug/L	1.8 U		47.6		19.4	
7439-95-4	Magnesium	35000 (G)	ug/L	7730		16700		12900	
7439-96-5	Manganese	300	ug/L	1080		3150		2290	
7440-02-0	Nickel	100	ug/L	8.1 B		28.9 B		18.2 B	
7440-09-7	Potassium	NS	ug/L	20300		24400		23700	
7782-49-2	Selenium	10	ug/L	4.8 U		2.9 B		3.6 U	
7440-22-4	Silver	50	ug/L	1.1 U		1.2 U		1 U	
7440-23-5	Sodium	20000	ug/L	93300		93000		138000	
7440-28-0	Thallium	.5 (G)	ug/L	7.4 U		5.5 U		3.8 U	
7440-62-2	Vanadium	NS	ug/L	1.2 B		13.4 B		7.4 B	
7440-66-6	Zinc	2000 (G)	ug/L	23.7		384		138	
57-12-5	Cyanide	200	ug/L	10 U		10 U		10 U	

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 N4877 OBG 3856 Water 11/9/1999	S-1DL N4877DL OBG 3856 Water 11/9/1999	S-1NAPL A9751104 OBG 11090 Water 11/9/1999	S-1RE N4877RE OBG 3856 Water 11/9/1999	S-1 Q3849 OBG 5490 Water 4/26/2000	S-1DL Q3849DL OBG 5490 Water 4/26/2000	S-1 R7180 OBG 7645 Water 12/14/2000
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	7 J				7 J		5 J
71-43-2	Benzene	1	ug/L	10 U				10 U		10 U
78-93-3	2-Butanone	50	ug/L	10 U				10 U		10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U				10 U		10 U
108-90-7	Chlorobenzene	5	ug/L							
75-00-3	Chloroethane	5	ug/L	10 U				10 U		10 U
74-87-3	Chloromethane	5	ug/L	10 U				10 U		10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L					10 U		
75-35-3	1,1-Dichloroethane	5	ug/L	10 U				10 U		10 U
540-59-0	1,2-Dichloroethene (total)	5	ug/L	10 U				10 U		10 U
100-41-4	Ethylbenzene	5	ug/L	10 U				10 U		10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U				10 U		10 U
75-09-2	Methylene chloride	5	ug/L	10 U				10 U		10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U				10 U		10 U
108-88-3	Toluene	5	ug/L	10 U				10 U		10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L					10 U		
79-01-6	Trichloroethene	5	ug/L	10 U				10 U		10 U
75-01-4	Vinyl chloride	2	ug/L	10 U				10 U		10 U
1330-20-7	Xylene (total)	5	ug/L	10 U				10 U		10 U
	Total VOCs			7	NA	NA	NA	7	NA	5
	SEMIVOLATILES									
83-32-9	Acenaphthene	20 (G)	ug/L	55 JD		130000 J	56 JD	77 JD		12 JD
208-96-8	Acenaphthylene	NS	ug/L	100 U		1400000 U	100 U	610 U		100 U
120-12-7	Anthracene	50 (G)	ug/L	23 JD		83000 J	24 JD	610 U		100 U
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	78 JD		160000 J	79 JD	170 JD		33 JD
50-32-8	Benzo[a]pyrene	ND	ug/L	42 JD		73000 J	44 JD	88 JD		21 JD
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	76 JD		180000 J	74 JD	170 JD		34 JD
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	100 U		1400000 U	100 U	610 U		100 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	29 JD		1400000 U	29 JD	610 U		100 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	46 JD		82000 J	45 JD	140 JD		11 JD
86-74-8	Carbazole	NS	ug/L	100 U		1400000 U	100 U	610 U		30 JD
59-50-7	4-Chloro-3-methylphenol	1	ug/L	100 U		1400000 U	100 U	610 U		100 U
218-01-9	Chrysene	0.002 (G)	ug/L	92 JD		160000 J	92 JD	160 JD		34 JD
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	100 U		1400000 U	100 U	610 U		100 U
132-64-9	Dibenzofuran	NS	ug/L	24 JD		1400000 U	24 JD	610 U		100 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	100 U		1400000 U	100 U	610 U		100 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	100 U		1400000 U	100 U	610 U		100 U
120-83-2	2,4-Dichlorophenol	1	ug/L	100 U		1400000 U	100 U	610 U		100 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	100 U		1400000 U	100 U	570 JD		100 U
105-67-9	2,4-Dimethylphenol	1	ug/L	12 JD		1400000 U	11 JD	610 U		12 JD
206-44-0	Fluoranthene	50 (G)	ug/L	160 D		600000 J	160 D	610 U		100 JD
86-73-7	Fluorene	50 (G)	ug/L	39 JD		1200000 J	39 JD	610 U		100 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	21 JD		1400000 U	22 JD	610 U		100 U
91-57-6	2-Methylnaphthalene	NS	ug/L	79 J		1400000 U	100 U	610 U		100 U
95-48-7	2-Methylphenol	1	ug/L	100 U		1400000 U	100 U	610 U		100 U
106-44-5	4-Methylphenol	1	ug/L	100 U		1400000 U	100 U	610 U		100 U
91-20-3	Naphthalene	10 (G)	ug/L	100 U		1400000 U	100 U	610 U		100 U
85-01-8	Phenanthrene	50 (G)	ug/L	54 JD		200000 J	59 JD	610 U		100 U
108-95-2	Phenol	1	ug/L	100 U		1400000 U	100 U	610 U		100 U
129-00-0	Pyrene	50 (G)	ug/L	440 D		570000 J	430 D	560 JD		94 JD
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	100 U		1400000 U	100 U	610 U		100 U
	Total SVOCs			1270	NA	3438000	1188	1935	NA	413

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 N4877 OBG 3856 Water 11/9/1999	S-1DL N4877DL OBG 3856 Water 11/9/1999	S-1NAPL A9751104 OBG 11090 Water 11/9/1999	S-1RE N4877RE OBG 3856 Water 11/9/1999	S-1 Q3849 OBG 5490 Water 4/26/2000	S-1DL Q3849DL OBG 5490 Water 4/26/2000	S-1 R7180 OBG 7645 Water 12/14/2000
CAS NO.	COMPOUND		UNITS:							
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	0.038 JP	2.5 U		0.47 U	0.27 U	2.7 U	0.26 U
319-84-6	alpha-BHC	0.01	ug/L	0.25 U	2.5 U		0.47 U	0.12 JP	2.7 U	0.018 JP
5103-71-9	alpha-Chlordane	0.05	ug/L	0.25 U	2.5 U		0.47 U	0.27 U	2.7 U	0.26 U
319-85-7	beta-BHC	0.04	ug/L	0.25 U	2.5 U		0.47 U	0.27 U	2.7 U	0.26 U
72-54-8	4,4'-DDD	0.3	ug/L	0.51 U	5.1 U		0.94 U	0.029 JP	0.087 JPD	0.52 U
72-55-9	4,4'-DDE	0.2	ug/L	0.24 JP	0.39 JPD		0.94 U	0.79	1.3 JD	0.58 P
50-29-3	4,4'-DDT	0.2	ug/L	0.51 U	5.1 U		0.94 U	0.028 JP	5.4 U	0.17 JP
319-86-8	delta-BHC	0.04	ug/L	0.0046 JP	2.5 U		0.47 U	0.0026 JP	0.011 JPD	0.26 U
60-57-1	Dieldrin	0.004	ug/L	0.25 JP	0.48 JPD		0.94 U	0.54 U	5.4 U	0.52 U
959-98-8	Endosulfan I	NS	ug/L	0.25 U	2.5 U		0.47 U	0.13 JP	0.16 JPD	0.1 JP
33213-65-9	Endosulfan II	NS	ug/L	0.51 U	5.1 U		0.94 U	0.54 U	5.4 U	0.52 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.44 J	0.62 JPD		0.94 U	0.54 U	5.4 U	0.13 JP
72-20-8	Endrin	ND	ug/L	0.51 U	5.1 U		0.94 U	0.13 JP	0.22 JPD	1 P
7421-93-4	Endrin aldehyde	5	ug/L	0.047 JP	5.1 U		0.94 U	0.025 JP	5.4 U	0.067 JP
53494-70-5	Endrin ketone	5	ug/L	0.51 U	5.1 U		0.94 U	0.54 U	5.4 U	0.52 U
58-89-9	gamma-BHC	0.05	ug/L	0.25 U	2.5 U		0.47 U	0.27 U	2.7 U	0.26 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.0082 JP	2.5 U		0.47 U	0.27 U	2.7 U	0.26 U
76-44-8	Heptachlor	0.04	ug/L	0.25 U	2.5 U		0.47 U	0.27 U	2.7 U	0.26 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.25 U	2.5 U		0.47 U	0.27 U	2.7 U	0.26 U
72-43-5	Methoxychlor	35	ug/L	0.092 JP	25 U		4.7 U	0.27 U	27 U	2.6 U
	Total Pesticides			1.1198	1.49	NA	ND	1.2546	1.778	2.065
	PCBS									
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	5.1 U	51 U	50000 U	9.4 U	5.4 U	54 U	5.2 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	19 P	35 JD	330000	81	56	99 D	48
11096-82-5	Aroclor-1260		ug/L	9.2 P	16 JD	120000	32	26	42 JD	17 P
	Total PCBs			28.2	51	450000	113	82	141	65
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	859				1920		6890 E
7440-36-0	Antimony	3	ug/L	2.5 U				1.9 U		1.9 B
7440-38-2	Arsenic	25	ug/L	14.1				7.6 B		23.4
7440-39-3	Barium	1000	ug/L	490				278		468
7440-41-7	Beryllium	3 (G)	ug/L	0.16 B				0.16 B		0.65 B
7440-43-9	Cadmium	5	ug/L	0.3 U				0.28 U		0.25 U
7440-70-2	Calcium	NS	ug/L	254000				105000		160000
7440-47-3	Chromium	50	ug/L	5.1 BE				15.2		16
7440-48-4	Cobalt	NS	ug/L	1.7 U				1.2 B		4.9 B
7440-50-8	Copper	200	ug/L	3 B				6.5 B		23.4 B
7439-89-6	Iron	300	ug/L	19000				9780		23400
7439-92-1	Lead	25	ug/L	2.4 B				20.5		28.3
7439-95-4	Magnesium	35000 (G)	ug/L	13600				15600		14800
7439-96-5	Manganese	300	ug/L	3480			2970	1510		2580
7440-02-0	Nickel	100	ug/L	33.5 BE				45.3		28.6 B
7440-09-7	Potassium	NS	ug/L	23000				22500		23900 E
7782-49-2	Selenium	10	ug/L	3 U				3.7 U		2.1 U
7440-22-4	Silver	50	ug/L	0.78 U				0.75 U		0.73 U
7440-23-5	Sodium	20000	ug/L	145000 E				121000		118000
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U				4.9 U		3.7 U
7440-62-2	Vanadium	NS	ug/L	5.2 BE				6.2 B		12.7 B
7440-66-6	Zinc	2000 (G)	ug/L	149				205		197
57-12-5	Cyanide	200	ug/L	10 U				10 U		10 U

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1DL R7180DL OBG 7645 Water 12/14/2000	S-1 S7322 OBG 9270 Water 6/20/2001	S-1DL S7322DL OBG 9270 Water 6/20/2001	S-1 T7106 OBG 764 Water 12/13/2001	S-1DL T7106DL OBG 764 Water 12/13/2001	S-1 V4632 OB 2494 Water 6/19/2002	S-1 DL V4632DL OB 2494 Water 6/19/2002
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L		12		4 J		10 U	
71-43-2	Benzene	1	ug/L		10 U		10 U			
78-93-3	2-Butanone	50	ug/L		3 J		10 U		10 U	
75-15-0	Carbon disulfide	NS	ug/L		10 U		10 U		15	
108-90-7	Chlorobenzene	5	ug/L						10 U	
75-00-3	Chloroethane	5	ug/L		1 J		10 U			
74-87-3	Chloromethane	5	ug/L		2 J		10 U			
156-59-2	cis-1,2-Dichloroethene	5	ug/L		10 U		10 U			
75-35-3	1,1-Dichloroethane	5	ug/L		10 U		10 U		10 U	
540-59-0	1,2-Dichloroethene (total)	5	ug/L							
100-41-4	Ethylbenzene	5	ug/L		10 U		10 U			
108-10-1	4-Methyl-2-pentanone	NS	ug/L		10 U		10 U		10 U	
75-09-2	Methylene chloride	5	ug/L		1 J		0.6 JB		2 J	
127-18-4	Tetrachloroethene	5	ug/L		10 U		10 U			
108-88-3	Toluene	5	ug/L		10 U		10 U			
156-60-5	trans-1,2-Dichloroethene	5	ug/L		10 U		10 U			
79-01-6	Trichloroethene	5	ug/L		10 U		10 U			
75-01-4	Vinyl chloride	2	ug/L		10 U		10 U			
1330-20-7	Xylene (total)	5	ug/L		10 U		10 U		10 U	
	Total VOCs			NA	19	NA	4.6	NA	17	NA
	SEMIVOLATILES									
83-32-9	Acenaphthene	20 (G)	ug/L		220 U		100 U			
208-96-8	Acenaphthylene	NS	ug/L		220 U		100 U			
120-12-7	Anthracene	50 (G)	ug/L		220 U		100 U			
56-55-3	Benzo[a]anthracene	20 (G)	ug/L		52 JD		29 JD		29 J D	1000 U
50-32-8	Benzo[a]pyrene	ND	ug/L		30 JD		19 JD		26 J D	1000 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L		68 JD		34 JD		45 J D	1000 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L		220 U		100 U			
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L		25 JD		100 U		14 J D	1000 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L		55 JD		29 JBD		32 J D	1000 U
86-74-8	Carbazole	NS	ug/L		220 U		100 U			
59-50-7	4-Chloro-3-methylphenol	1	ug/L		220 U		100 U		100 U	1000 U
218-01-9	Chrysene	0.002 (G)	ug/L		43 JD		19 JD		20 J D	1000 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L		220 U		100 U			
132-64-9	Dibenzofuran	NS	ug/L		220 U		100 U			
541-73-1	1,3-Dichlorobenzene	3	ug/L		220 U		100 U			
106-46-7	1,4-Dichlorobenzene	3	ug/L		220 U		100 U			
120-83-2	2,4-Dichlorophenol	1	ug/L		220 U		100 U			
131-11-3	Dimethyl phthalate	50 (G)	ug/L		220 U		100 U			
105-67-9	2,4-Dimethylphenol	1	ug/L		220 U		100 U		26 J D	1000 U
206-44-0	Fluoranthene	50 (G)	ug/L		89 JD		51 JD		43 J D	1000 U
86-73-7	Fluorene	50 (G)	ug/L		220 U		100 U		100 U	1000 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L		220 U		100 U		10 J D	1000 U
91-57-6	2-Methylnaphthalene	NS	ug/L		220 U		100 U		100 U	1000 U
95-48-7	2-Methylphenol	1	ug/L		220 U		100 U		100 U	1000 U
106-44-5	4-Methylphenol	1	ug/L		220 U		100 U		13 J D	1000 U
91-20-3	Naphthalene	10 (G)	ug/L		220 U		100 U		100 U	1000 U
85-01-8	Phenanthrene	50 (G)	ug/L		220 U		100 U			
108-95-2	Phenol	1	ug/L		220 U		100 U			
129-00-0	Pyrene	50 (G)	ug/L		170 JD		69 JD		86 J D	1000 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L		220 U		100 U			
	Total SVOCs			NA	532	NA	250	NA	178	ND

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1DL R7180DL OBG 7645 Water 12/14/2000	S-1 S7322 OBG 9270 Water 6/20/2001	S-1DL S7322DL OBG 9270 Water 6/20/2001	S-1 T7106 OBG 764 Water 12/13/2001	S-1DL T7106DL OBG 764 Water 12/13/2001	S-1 V4632 OB 2494 Water 6/19/2002	S-1 DL V4632DL OB 2494 Water 6/19/2002
CAS NO.	COMPOUND		UNITS:							
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L	2.6 U	0.27 U	2.7 U	0.26 U	2.6 U	0.28 U	2.8 U
319-84-6	alpha-BHC	0.01	ug/L	2.6 U	0.27 U	2.7 U	0.11 JP	0.11 JPD	0.28 U	0.42 J PD
5103-71-9	alpha-Chlordane	0.05	ug/L	2.6 U	0.27 U	2.7 U	0.26 U	2.6 U		
319-85-7	beta-BHC	0.04	ug/L	2.6 U	0.27 U	2.7 U	0.26 U	2.6 U	0.28 U	6.1 PD
72-54-8	4,4'-DDD	0.3	ug/L	5.2 U	0.068 JP	0.097 JPD	0.52 U	5.2 U		
72-55-9	4,4'-DDE	0.2	ug/L	0.76 JD	2.1 BP	3.5 BJPD	2.3	2.8 JPD	9.3 E	6.2 PD
50-29-3	4,4'-DDT	0.2	ug/L	5.2 U	0.83 P	5.3 U	0.52 U	5.2 U	0.56 U	5.6 U
319-86-8	delta-BHC	0.04	ug/L	2.6 U	0.0045 JP	2.7 U	0.26 U	2.6 U		
60-57-1	Dieldrin	0.004	ug/L	5.2 U	0.53 U	5.3 U	1.9 BP	2.7 BJPD	6.2 P	11 PD
959-98-8	Endosulfan I	NS	ug/L	0.094 JPD	0.62 P	0.8 JPD	0.33 P	0.39 JPD	1.1 P	2.8 U
33213-65-9	Endosulfan II	NS	ug/L	5.2 U	0.53 U	5.3 U	0.52 U	5.2 U	0.56 U	5.6 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.19 JPD	0.17 JP	5.3 U	0.52 U	5.2 U	0.56 U	2.3 J PD
72-20-8	Endrin	ND	ug/L	0.13 JPD	0.31 BJP	0.44 BJPD	0.68 P	1 JPD	2.5 P	3.7 J PD
7421-93-4	Endrin aldehyde	5	ug/L	5.2 U	0.82 P	0.37 JPD	0.71 BP	0.9 BJPD	2.7 P	9.8 PD
53494-70-5	Endrin ketone	5	ug/L	5.2 U	0.53 U	5.3 U	0.069 JP	5.2 U	8.7 P	12 PD
58-89-9	gamma-BHC	0.05	ug/L	2.6 U	0.27 U	2.7 U	0.28 P	2.6 U	1.3 P	1.7 J PD
5103-74-2	gamma-Chlordane	0.05	ug/L	2.6 U	0.27 U	2.7 U	1.2 P	2 JPD	0.28 U	2.8 U
76-44-8	Heptachlor	0.04	ug/L	2.6 U	0.27 U	2.7 U	0.26 U	1.9 JPD	5.3 E P	7.1 PD
1024-57-3	Heptachlor epoxide	0.03	ug/L	2.6 U	0.27 U	2.7 U	0.26 U	2.6 U		
72-43-5	Methoxychlor	35	ug/L	26 U	2.7 U	0.52 JPD	0.35 JP	0.7 JPD	2.1 JP	1.9 J PD
	Total Pesticides			1.174	4.9225	5.727	7.929	12.5	39.2	62.22
	PCBS									
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	52 U	5.3 U	53 U	5.2 U	52 U	5.6 U	56 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	74 D	150 P	250 PD	110	150 D	400 E	450 PD
11096-82-5	Aroclor-1260		ug/L	24 JD	88 EP	130 PD	53	67 D	200 E	280 D
	Total PCBs			98	238	380	163	217	600	730
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L		3290		18300		85.4 B	
7440-36-0	Antimony	3	ug/L		1.4 U		2.1 U		2.3 U	
7440-38-2	Arsenic	25	ug/L		7.8 B		13.2		4.9 B	
7440-39-3	Barium	1000	ug/L		313		1080		179 B	
7440-41-7	Beryllium	3 (G)	ug/L		0.15 B		2.5 B		0.13 B	
7440-43-9	Cadmium	5	ug/L		0.24 U		0.37 B		0.31 U	
7440-70-2	Calcium	NS	ug/L		111000		470000		75800	
7440-47-3	Chromium	50	ug/L		7.6 B		48.8		1.7 B E	
7440-48-4	Cobalt	NS	ug/L		1.7 B		25.3 B		1.2 U	
7440-50-8	Copper	200	ug/L		7.7 B		11.5 B		2.3 B	
7439-89-6	Iron	300	ug/L		15400		105000		6050	
7439-92-1	Lead	25	ug/L		15.2		23.1		2.6 B N	
7439-95-4	Magnesium	35000 (G)	ug/L		13900		33900		14100	
7439-96-5	Manganese	300	ug/L		1830		6540		824	
7440-02-0	Nickel	100	ug/L		12.4 B		102		2 B	
7440-09-7	Potassium	NS	ug/L		23900		25300		24900	
7782-49-2	Selenium	10	ug/L		1.8 U		3.4 B		1.5 U	
7440-22-4	Silver	50	ug/L		0.73 U		1 U		1.8 U	
7440-23-5	Sodium	20000	ug/L		125000		124000		99700 E	
7440-28-0	Thallium	.5 (G)	ug/L		3.6 U		5.1 U		4.8 U	
7440-62-2	Vanadium	NS	ug/L		8.2 B		63.5		1.1 U	
7440-66-6	Zinc	2000 (G)	ug/L		164		1340		13.6 B	
57-12-5	Cyanide	200	ug/L		10 U		12.6		10 U	

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 Z7813 OB 4203 Water 12/18/2002	S-1DL Z7813DL OB 4203 Water 12/18/2002	S-1 RE Z7813RE OB 4219 Water 12/18/2002	S-2 G5094 OBG 5116 Water 11/20/1997
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	6 JB		6 JB	10 U
71-43-2	Benzene	1	ug/L				10 U
78-93-3	2-Butanone	50	ug/L	2 J		2 J	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U		10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	0.8 J		0.7 J	
75-00-3	Chloroethane	5	ug/L				10 U
74-87-3	Chloromethane	5	ug/L				10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L				
75-35-3	1,1-Dichloroethane	5	ug/L	10 U		10 U	2 J
540-59-0	1,2-Dichloroethene (total)	5	ug/L				6 J
100-41-4	Ethylbenzene	5	ug/L				10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U		10 U	10 U
75-09-2	Methylene chloride	5	ug/L	0.7 JB		1 JB	10 U
127-18-4	Tetrachloroethene	5	ug/L				10 U
108-88-3	Toluene	5	ug/L				1 J
156-60-5	trans-1,2-Dichloroethene	5	ug/L				
79-01-6	Trichloroethene	5	ug/L				10 U
75-01-4	Vinyl chloride	2	ug/L				10 U
1330-20-7	Xylene (total)	5	ug/L	10 U		10 U	2 J
	Total VOCs			9.5	NA	9.7	11
	SEMIVOLATILES						
83-32-9	Acenaphthene	20 (G)	ug/L				10 U
208-96-8	Acenaphthylene	NS	ug/L				10 U
120-12-7	Anthracene	50 (G)	ug/L				10 U
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	530 U			10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	530 U			10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	57 JD			10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L				10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	530 U			10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	530 U			10 U
86-74-8	Carbazole	NS	ug/L				10 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	530 U			10 U
218-01-9	Chrysene	0.002 (G)	ug/L	530 U			10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L				10 U
132-64-9	Dibenzofuran	NS	ug/L				10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L				10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L				10 U
120-83-2	2,4-Dichlorophenol	1	ug/L				10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L				10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	530 U			45
206-44-0	Fluoranthene	50 (G)	ug/L	98 JD			10 U
86-73-7	Fluorene	50 (G)	ug/L	530 U			10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	530 U			10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	530 U			10 U
95-48-7	2-Methylphenol	1	ug/L	530 U			15
106-44-5	4-Methylphenol	1	ug/L	530 U			29
91-20-3	Naphthalene	10 (G)	ug/L	530 U			1 J
85-01-8	Phenanthrene	50 (G)	ug/L				10 U
108-95-2	Phenol	1	ug/L				3 J
129-00-0	Pyrene	50 (G)	ug/L	120 JD			10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L				10 U
	Total SVOCs			276	NA	NA	93

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-1 Z7813 OB 4203 Water 12/18/2002	S-1DL Z7813DL OB 4203 Water 12/18/2002	S-1 RE Z7813RE OB 4219 Water 12/18/2002	S-2 G5094 OBG 5116 Water 11/20/1997
CAS NO.	COMPOUND		UNITS:				
	PESTICIDES						
309-00-2	Aldrin	ND	ug/L	0.26 U	2.6 U		0.05 U
319-84-6	alpha-BHC	0.01	ug/L	0.26	2.6 U		0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L				0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.26 U	2.6 U		0.05 U
72-54-8	4,4'-DDD	0.3	ug/L				0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.69 P	1.2 JPD		0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.52 U	5.2 U		0.1 U
319-86-8	delta-BHC	0.04	ug/L				0.05 U
60-57-1	Dieldrin	0.004	ug/L	0.88	1.8 JD		0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.095 JP	0.23 JPD		0.05 U
33213-65-9	Endosulfan II	NS	ug/L	0.082 JP	5.2 U		0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.52 U	5.2 U		0.1 U
72-20-8	Endrin	ND	ug/L	0.52 U	5.2 U		0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.26 JP	0.42 JPD		0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.52 U	5.2 U		0.1 U
58-89-9	gamma-BHC	0.05	ug/L				0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.53 P	2.6 U		0.0037 JP
76-44-8	Heptachlor	0.04	ug/L	0.26 U	2.6 U		0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L				0.05 U
72-43-5	Methoxychlor	35	ug/L	2.6 U	26 U		0.5 U
	Total Pesticides			2.797	3.65	NA	0.0037
	PCBS						
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	5.2 U	52 U		1 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	54 P	90 D		1 U
11096-82-5	Aroclor-1260		ug/L	22	34 JD		1 U
	Total PCBs			76	124	NA	ND
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	3380			341
7440-36-0	Antimony	3	ug/L	2.1 U			2.6 B
7440-38-2	Arsenic	25	ug/L	13.3			6.2 B
7440-39-3	Barium	1000	ug/L	292			63.4 B
7440-41-7	Beryllium	3 (G)	ug/L	0.17 B			0.06 U
7440-43-9	Cadmium	5	ug/L	0.37 U			0.24 U
7440-70-2	Calcium	NS	ug/L	87000			117000
7440-47-3	Chromium	50	ug/L	7.4 B			1.1 U
7440-48-4	Cobalt	NS	ug/L	1.6 U			1.1 U
7440-50-8	Copper	200	ug/L	21.1 B			2 B
7439-89-6	Iron	300	ug/L	16600			61.4 B
7439-92-1	Lead	25	ug/L	19.9			1 U
7439-95-4	Magnesium	35000 (G)	ug/L	14800			676 B
7439-96-5	Manganese	300	ug/L	1660			0.4 B
7440-02-0	Nickel	100	ug/L	14.1 B			2.5 B
7440-09-7	Potassium	NS	ug/L	19500			43700
7782-49-2	Selenium	10	ug/L	1.8 U			8.3
7440-22-4	Silver	50	ug/L	1.2 U			0.65 B
7440-23-5	Sodium	20000	ug/L	103000			47000
7440-28-0	Thallium	.5 (G)	ug/L	3.6 U			3.3 U
7440-62-2	Vanadium	NS	ug/L	10.3 B			21.2 B
7440-66-6	Zinc	2000 (G)	ug/L	133			2.8 B
57-12-5	Cyanide	200	ug/L	10 U			48.3

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID:	S-2DUP	S-2	S-2DUP	S-2	S-2	S-2
			Lab Sample	G5116	H0919	H0922	H7397	J8486	M0296
			Depth:						
			Source:	OBG	OBG	OBG	OBG	OBG	OBG
			SDG:	5116	6847	6847	7810	9595	1516
			Matrix:	Water	Water	Water	Water	Water	Water
			Sampled:	11/20/1997	2/19/1998	2/19/1998	5/28/1998	10/22/1998	4/21/1999
			Validated:						
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	3 J	10 U	4 J	10 U	9 J B	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	1 J	10 U	1 J	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U	38
108-90-7	Chlorobenzene	5	ug/L						
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L					1 J	6 J
75-35-3	1,1-Dichloroethane	5	ug/L	2 J	2 J	2 J	10 U	2 J	2 J
540-59-0	1,2-Dichloroethene (total)	5	ug/L	2 J	2 J	2 J	10 U	2 J	6 J
100-41-4	Ethylbenzene	5	ug/L	10 U	2 J	2 J	10 U	1 J	10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	1 J	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	1 J	1 J	1 J	10 U	1 J	10 U
108-88-3	Toluene	5	ug/L	1 J	11	10	10 U	3 J	10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L					10 U	10 U
79-01-6	Trichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	1 J
75-01-4	Vinyl chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	3 J	15	14	10 U	9 J	3 J
	Total VOCs			12	33	36	1	29	56
	SEMIVOLATILES								
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U	10 U	2 J	1 J
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U	10 U	3 J	1 J
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	NS	ug/L	10 U	10 U	10 U	10 U	3 J	10 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	44	38	26	18	39	6 J
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	50 (G)	ug/L	10 U	10 U	10 U	10 U	1 J	1 J
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	1 J	2 J	1 J	10 U	3 J	10 U
95-48-7	2-Methylphenol	1	ug/L	19	13	8 J	5 J	9 J	10 U
106-44-5	4-Methylphenol	1	ug/L	46	37	18	15	15	10 U
91-20-3	Naphthalene	10 (G)	ug/L	3 J	5 J	3 J	3 J	46	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	1 J	10 U
108-95-2	Phenol	1	ug/L	6 J	10	4 J	2 J	1 J	10 U
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
	Total SVOCs			119	105	60	43	123	9

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-2DUP G5116 OBG 5116 Water 11/20/1997	S-2 H0919 OBG 6847 Water 2/19/1998	S-2DUP H0922 OBG 6847 Water 2/19/1998	S-2 H7397 OBG 7810 Water 5/28/1998	S-2 J8486 OBG 9595 Water 10/22/1998	S-2 M0296 OBG 1516 Water 4/21/1999
CAS NO.	COMPOUND		UNITS:						
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.05 U	0.0012 JP	0.05 U	0.05 U	0.05 U	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.051 U	0.05 U	0.0015 JP	0.05 U	0.00081 BJP
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.05 U	0.05 U	0.05 U	0.0016 JP
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.019 J	0.05 U	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0024 JP
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.00079 BJP
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.05 U	0.0027 JP	0.051 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.051 U	0.05 U	0.05 U	0.05 U	0.051 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.0065 J	0.0041 JP	0.0029 JP	0.0021 JP	0.0018 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.0018 JP	0.0012 JP	0.1 U	0.0046 BJP	0.0025 BJP
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	0.1 U	0.011 JP	0.1 U	0.0029 JP
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.0065 J	0.0017 JP
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.00068 J	0.00041 JP
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.0074 JP	0.0043 JP	0.05 U	0.05 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.05 U	0.0092 J	0.0014 JP	0.0018 JP
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.05 U	0.05 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.051 U	0.05 U	0.05 U	0.00059 J	0.051 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U	0.5 U	0.5 U	0.5 U	0.51 U
	Total Pesticides			ND	0.0169	0.0096	0.0436	0.01857	0.01671
	PCBS								
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	1 U	1 U	1 U	0.41 JP	0.48 JP	0.47 JP
12672-29-6	Aroclor-1248	of 0.09	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260		ug/L	1 U	1 U	1 U	1 U	1 U	1 U
	Total PCBs			ND	ND	ND	0.41	0.48	0.47
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	580	302	285	383	142 B	211
7440-36-0	Antimony	3	ug/L	3.5 B	3 B	2.8 B	3.6 B	7 B	4.7 B
7440-38-2	Arsenic	25	ug/L	8.1 B	4.2 U	4.7 B	7.4 B	6.7 B	3.8 B
7440-39-3	Barium	1000	ug/L	50.9 B	37.3 B	37.6 B	43.2 B	76.9 B	71.6 B
7440-41-7	Beryllium	3 (G)	ug/L	0.06 U	0.07 U	0.07 U	0.12 U	0.07 U	0.14 B
7440-43-9	Cadmium	5	ug/L	0.24 U	0.3 U	0.3 U	0.49 U	0.43 U	0.42 U
7440-70-2	Calcium	NS	ug/L	125000	93700	92600	98600	171000	156000
7440-47-3	Chromium	50	ug/L	1.1 U	1.2 U	1.2 U	1.6 U	2.8 U	1.4 U
7440-48-4	Cobalt	NS	ug/L	1.1 U	1.2 U	1.2 U	2.3 U	2.3 U	1.6 U
7440-50-8	Copper	200	ug/L	2.8 B	1.7 B	1.6 B	0.84 U	2.1 B	0.96 B
7439-89-6	Iron	300	ug/L	88.1 B	170	156	99.1 B	47.9 B	46.7 B
7439-92-1	Lead	25	ug/L	1 U	1.1 U	1.1 U	1.8 U	2.1 U	1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L	407 B	4130 B	3830 B	671 B	18.9 B	10.5 U
7439-96-5	Manganese	300	ug/L	1.6 B	3.2 B	2 B	0.62 B	0.52 U	0.27 U
7440-02-0	Nickel	100	ug/L	1.1 B	0.8 U	0.8 U	1.4 B	1.4 B	2.3 B
7440-09-7	Potassium	NS	ug/L	49900	29900	30000	33900	36200	45600
7782-49-2	Selenium	10	ug/L	7.1	4 U	4 U	4.8 U	2 U	3.6 U
7440-22-4	Silver	50	ug/L	0.56 U	0.6 U	0.6 U	1.1 U	1.2 U	1 U
7440-23-5	Sodium	20000	ug/L	50500	31000	31200	40200	33300	43700
7440-28-0	Thallium	.5 (G)	ug/L	3.3 U	3.4 U	3.4 U	7.4 U	5.5 U	3.8 U
7440-62-2	Vanadium	NS	ug/L	19.6 B	10.1 B	10.5 B	11.3 B	8.1 B	13.9 B
7440-66-6	Zinc	2000 (G)	ug/L	2.7 U	3.6 B	3.9 B	10.6 B	7.7 B	4.3 B
57-12-5	Cyanide	200	ug/L	47.2	10 U	11.8	12.9	80	52.3

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-2RE M0296RE OBG 1516 Water 4/21/1999	S-2 N5019 OBG 3880 Water 11/10/1999	S-2RE N5019RE OBG 3880 Water 11/10/1999	S-2 Q3854 OBG 5490 Water 4/27/2000	S-2RE Q3854RE OBG 5490 Water 4/27/2000	S-2 R7177 OBG 7645 Water 12/14/2000	S-2RE R7177RE OBG 7645 Water 12/14/2000
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L		10 U		10 U		3 J	
71-43-2	Benzene	1	ug/L		10 U		10 U		10 U	
78-93-3	2-Butanone	50	ug/L		10 U		10 U		10 U	
75-15-0	Carbon disulfide	NS	ug/L		1 J		10 U		10 U	
108-90-7	Chlorobenzene	5	ug/L							
75-00-3	Chloroethane	5	ug/L		10 U		10 U		10 U	
74-87-3	Chloromethane	5	ug/L		10 U		10 U		10 U	
156-59-2	cis-1,2-Dichloroethene	5	ug/L				10 U			
75-35-3	1,1-Dichloroethane	5	ug/L		10 U		10 U		10 U	
540-59-0	1,2-Dichloroethene (total)	5	ug/L		9 J		10 U		3 J	
100-41-4	Ethylbenzene	5	ug/L		10 U		10 U		10 U	
108-10-1	4-Methyl-2-pentanone	NS	ug/L		10 U		10 U		10 U	
75-09-2	Methylene chloride	5	ug/L		10 U		10 U		10 U	
127-18-4	Tetrachloroethene	5	ug/L		10 U		10 U		10 U	
108-88-3	Toluene	5	ug/L		10 U		10 U		10 U	
156-60-5	trans-1,2-Dichloroethene	5	ug/L				10 U			
79-01-6	Trichloroethene	5	ug/L		2 J		10 U		10 U	
75-01-4	Vinyl chloride	2	ug/L		10 U		10 U		10 U	
1330-20-7	Xylene (total)	5	ug/L		10 U		10 U		10 U	
	Total VOCs			NA	12	NA	ND	NA	6	NA
	SEMIVOLATILES									
83-32-9	Acenaphthene	20 (G)	ug/L	1 J	1 J	1 J	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	NS	ug/L	1 J	1 J	1 J	10 U	10 U	10 U	10 U
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	1 J	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	NS	ug/L	10 U	10 U	10 U	10 U	10 U		
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	1 J	1 J	10 U	1 J
120-83-2	2,4-Dichlorophenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	5 J	8 J	8 J	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	50 (G)	ug/L	1 J	1 J	1 J	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	2 J	2 J	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	4 J	4 J	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	1 J	1 J	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Total SVOCs			8	18	18	2	1	ND	1

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-2RE M0296RE OBG 1516 Water 4/21/1999	S-2 N5019 OBG 3880 Water 11/10/1999	S-2RE N5019RE OBG 3880 Water 11/10/1999	S-2 Q3854 OBG 5490 Water 4/27/2000	S-2RE Q3854RE OBG 5490 Water 4/27/2000	S-2 R7177 OBG 7645 Water 12/14/2000	S-2RE R7177RE OBG 7645 Water 12/14/2000
CAS NO.	COMPOUND		UNITS:							
	PESTICIDES									
309-00-2	Aldrin	ND	ug/L		0.051 U		0.036 JP		0.0013 JP	
319-84-6	alpha-BHC	0.01	ug/L		0.051 U		0.0062 JP		0.05 U	
5103-71-9	alpha-Chlordane	0.05	ug/L		0.0017 JP		0.0022 JP		0.05 U	
319-85-7	beta-BHC	0.04	ug/L		0.051 U		0.052 U		0.05 U	
72-54-8	4,4'-DDD	0.3	ug/L		0.1 U		0.007 JP		0.1 U	
72-55-9	4,4'-DDE	0.2	ug/L		0.1 U		0.1 U		0.00079 JP	
50-29-3	4,4'-DDT	0.2	ug/L		0.1 U		0.1 U		0.0082 JP	
319-86-8	delta-BHC	0.04	ug/L		0.051 U		0.052 U		0.05 U	
60-57-1	Dieldrin	0.004	ug/L		0.1 U		0.088 JP		0.1 U	
959-98-8	Endosulfan I	NS	ug/L		0.0033 BJP		0.052 U		0.05 U	
33213-65-9	Endosulfan II	NS	ug/L		0.0011 JP		0.1 U		0.004 JP	
1031-07-8	Endosulfan sulfate	NS	ug/L		0.002 JP		0.1 U		0.0036 JP	
72-20-8	Endrin	ND	ug/L		0.1 U		0.041 JP		0.0041 JP	
7421-93-4	Endrin aldehyde	5	ug/L		0.1 U		0.1 U		0.0065 JP	
53494-70-5	Endrin ketone	5	ug/L		0.1 U		0.0037 JP		0.1 U	
58-89-9	gamma-BHC	0.05	ug/L		0.051 U		0.052 U		0.05 U	
5103-74-2	gamma-Chlordane	0.05	ug/L		0.051 U		0.052 U		0.0096 JP	
76-44-8	Heptachlor	0.04	ug/L		0.0025 JP		0.052 U		0.05 U	
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.051 U		0.0039 BJP		0.00055 JP	
72-43-5	Methoxychlor	35	ug/L		0.51 U		0.52 U		0.5 U	
	Total Pesticides			NA	0.0106	NA	0.1556	NA	0.03864	NA
	PCBS									
53469-21-9	Aroclor-1242	Sum PCBs	ug/L		1 U		1 U		1 U	
12672-29-6	Aroclor-1248	of 0.09	ug/L		1 U		1 U		1 U	
11096-82-5	Aroclor-1260		ug/L		1 U		1 U		1 U	
	Total PCBs			NA	ND	NA	ND	NA	ND	NA
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L		281		44.7		180 BE	
7440-36-0	Antimony	3	ug/L		3.4 B		1.9 U		3.7 B	
7440-38-2	Arsenic	25	ug/L		3.5 B		2.2 U		4 B	
7440-39-3	Barium	1000	ug/L		68.2 B		210		114 B	
7440-41-7	Beryllium	3 (G)	ug/L		0.06 B		0.14 U		0.3 B	
7440-43-9	Cadmium	5	ug/L		0.3 U		0.28 U		0.25 U	
7440-70-2	Calcium	NS	ug/L		135000		70400		147000	
7440-47-3	Chromium	50	ug/L		5 BE		4 B		0.9 U	
7440-48-4	Cobalt	NS	ug/L		1.7 U		0.96 U		0.86 U	
7440-50-8	Copper	200	ug/L		1.2 B		1.3 B		4.1 B	
7439-89-6	Iron	300	ug/L		134		2640		491	
7439-92-1	Lead	25	ug/L		1.3 U		1.2 B		1.7 B	
7439-95-4	Magnesium	35000 (G)	ug/L		34.7 B		14300		544 B	
7439-96-5	Manganese	300	ug/L		1.6 B		1140		69.5	
7440-02-0	Nickel	100	ug/L		6.7 BE		4 B		2.1 B	
7440-09-7	Potassium	NS	ug/L		43500		20800		42100 E	
7782-49-2	Selenium	10	ug/L		3.4 B		3.7 U		10.4	
7440-22-4	Silver	50	ug/L		0.78 U		0.75 U		0.73 U	
7440-23-5	Sodium	20000	ug/L		45900 E		114000		48100	
7440-28-0	Thallium	.5 (G)	ug/L		5.1 U		4.9 U		3.7 U	
7440-62-2	Vanadium	NS	ug/L		34.9 BE		1.1 B		55.6	
7440-66-6	Zinc	2000 (G)	ug/L		3.6 B		4 B		1.8 B	
57-12-5	Cyanide	200	ug/L		27.1		10 U		39.7	

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-2 S7283 OBG 9259 Water 6/19/2001	S-2RE S7283RE OBG 9259 Water 6/19/2001	S-2 T6915 OBG 739 Water 12/12/2001	S-2 V4633 OB 2494 Water 6/19/2002	S-2 Z7442 OB 4203 Water 12/17/2002
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	7 J		10 U	10 U	3 JB
71-43-2	Benzene	1	ug/L	10 U		10 U		
78-93-3	2-Butanone	50	ug/L	10 U		10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U		10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L				10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U		10 U		
74-87-3	Chloromethane	5	ug/L	10 U		10 U		
156-59-2	cis-1,2-Dichloroethene	5	ug/L	10 U		10 U		
75-35-3	1,1-Dichloroethane	5	ug/L	10 U		2 J	2 J	1 J
540-59-0	1,2-Dichloroethene (total)	5	ug/L					
100-41-4	Ethylbenzene	5	ug/L	10 U		10 U		
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U		10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U		1 JB	10 U	0.8 JB
127-18-4	Tetrachloroethene	5	ug/L	10 U		10 U		
108-88-3	Toluene	5	ug/L	10 U		10 U		
156-60-5	trans-1,2-Dichloroethene	5	ug/L	10 U		10 U		
79-01-6	Trichloroethene	5	ug/L	10 U		10 U		
75-01-4	Vinyl chloride	2	ug/L	10 U		10 U		
1330-20-7	Xylene (total)	5	ug/L	10 U		10 U	3 J	10 U
	Total VOCs			7	NA	3	5	4.8
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U		
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U		
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U		
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	11 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	10 U		
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	2 J	10 U	1 JB	11 U	4 J
86-74-8	Carbazole	NS	ug/L	10 U	10 U	10 U		
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	10 U	11 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	10 U		
132-64-9	Dibenzofuran	NS	ug/L	10 U	10 U	10 U		
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U		
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U		
120-83-2	2,4-Dichlorophenol	1	ug/L	10 U	10 U	10 U		
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U		
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	1 J	16	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
86-73-7	Fluorene	50 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	10 U	10 U	10 U	11 U	10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	3 J	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	5 J	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	3 J	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	10 U	10 U		
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U		
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	11 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U		
	Total SVOCs			2	ND	2	27	4

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-2 S7283 OBG 9259 Water 6/19/2001	S-2RE S7283RE OBG 9259 Water 6/19/2001	S-2 T6915 OBG 739 Water 12/12/2001	S-2 V4633 OB 2494 Water 6/19/2002	S-2 Z7442 OB 4203 Water 12/17/2002
CAS NO.	COMPOUND		UNITS:					
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.051 U		0.052 U	0.046 J	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.051 U		0.052 U	0.052 U	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U		0.052 U		
319-85-7	beta-BHC	0.04	ug/L	0.051 U		0.0074 JP	0.0047 JP	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U		0.1 U		
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U		0.0027 J	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U		0.1 U	0.0018 JP	0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U		0.052 U		
60-57-1	Dieldrin	0.004	ug/L	**0.018 JP**		**0.014 JP**	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.051 U		0.018 J	0.0038 JP	**0.026 J**
33213-65-9	Endosulfan II	NS	ug/L	0.1 U		0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U		0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L	**0.022 JP**		0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U		0.0087 BJP	0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U		0.0097 JP	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U		0.052 U	0.052 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U		0.052 U	0.052 U	0.051 U
76-44-8	Heptachlor	0.04	ug/L	0.051 U		0.052 U		
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U		0.0038 JP		
72-43-5	Methoxychlor	35	ug/L	0.51 U		0.52 U		
	Total Pesticides			0.04	NA	0.03864	0.0563	0.026
	PCBS							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	1 U		1 U	1 U	1 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	1 U		1 U	1 U	1 U
11096-82-5	Aroclor-1260		ug/L	1 U		1 U	1 U	1 U
	Total PCBs			ND	NA	ND	ND	ND
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	85.6 B		309	707	221
7440-36-0	Antimony	3	ug/L	3 B		**3.1 B**	**3.9 B**	2.2 B
7440-38-2	Arsenic	25	ug/L	1.6 U		5 B	5.7 B	5.7 B
7440-39-3	Barium	1000	ug/L	44.7 B		48.4 B	60 B	50.6 B
7440-41-7	Beryllium	3 (G)	ug/L	0.08 U		0.1 U	0.13 B	0.1 U
7440-43-9	Cadmium	5	ug/L	0.24 U		0.37 U	0.31 U	0.37 U
7440-70-2	Calcium	NS	ug/L	109000		135000	144000	104000
7440-47-3	Chromium	50	ug/L	0.94 U		1.4 B	0.93 U E	1.2 U
7440-48-4	Cobalt	NS	ug/L	0.93 U		1.1 B	1.2 U	1.6 U
7440-50-8	Copper	200	ug/L	0.7 B		0.88 B	6.2 B	2.8 B
7439-89-6	Iron	300	ug/L	92.8 B		52.1 B	**960**	96.8 B
7439-92-1	Lead	25	ug/L	0.66 U		1.5 U	1.8 U N	0.78 U
7439-95-4	Magnesium	35000 (G)	ug/L	469 B		80.7 B	223 B	135 B
7439-96-5	Manganese	300	ug/L	7.2 B		1.8 U	34.9	3.3 B
7440-02-0	Nickel	100	ug/L	1.8 B		3.7 B	1.4 U	1.6 U
7440-09-7	Potassium	NS	ug/L	47200		49400	42200	40400
7782-49-2	Selenium	10	ug/L	3.4 B		4.5 B	3.3 B	4.4 B
7440-22-4	Silver	50	ug/L	0.73 U		1 B	1.8 U	1.2 U
7440-23-5	Sodium	20000	ug/L	**68100**		**64100**	**63200 E**	**50900**
7440-28-0	Thallium	.5 (G)	ug/L	3.6 U		5.1 U	4.8 U	3.6 U
7440-62-2	Vanadium	NS	ug/L	19 B		24.8 B	14 B	44.8 B
7440-66-6	Zinc	2000 (G)	ug/L	3.5 B		2 B	28.9	3.4 B
57-12-5	Cyanide	200	ug/L	50.3		40.5	16.9	39.4

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID:	S-3	S-3	S-3	S-3	S-3	S-3
			Lab Sample	G5120	H0920	H7393	J8339	M0189	N4873
			Depth:						
			Source:	OBG	OBG	OBG	OBG	OBG	OBG
			SDG:	5116	6847	7810	9571	1489	3856
			Matrix:	Water	Water	Water	Water	Water	Water
			Sampled:	11/20/1997	2/18/1998	5/27/1998	10/21/1998	4/19/1999	11/8/1999
			Validated:						
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	7 J	10 U	6 J	5 J	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	8 J	2 J
108-90-7	Chlorobenzene	5	ug/L						
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L				10 U	2 J	
75-35-3	1,1-Dichloroethane	5	ug/L	2 J	2 J	2 J	10 U	3 J	2 J
540-59-0	1,2-Dichloroethene (total)	5	ug/L	2 J	2 J	10 U	10 U	2 J	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	4 J	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	2 J	1 J B	10 U
127-18-4	Tetrachloroethene	5	ug/L	1 J	2 J	1 J	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	1 J	17	4 J	10 U	1 J	10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L				10 U	10 U	
79-01-6	Trichloroethene	5	ug/L	10 U	1 J	10 U	10 U	10 U	10 U
75-01-4	Vinyl chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	3 J	25	9 J	10 U	4 J	3 J
	Total VOCs			9	60	16	8	26	7
	SEMIVOLATILES								
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U	10 U	3 J	2 J
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U	10 U	4 J	2 J
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	7 J	10 U	10 U	10 U
86-74-8	Carbazole	NS	ug/L	10 U	10 U	10 U	10 U	2 J	1 J
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	10 U	10 U	10 U	10 U	2 J	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	43	54	43	10 U	28	13
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	50 (G)	ug/L	10 U	10 U	10 U	10 U	2 J	2 J
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	1 J	2 J	2 J	10 U	4 J	2 J
95-48-7	2-Methylphenol	1	ug/L	16	19	15	10 U	10 J	8 J
106-44-5	4-Methylphenol	1	ug/L	49	58	44	10 U	25	20
91-20-3	Naphthalene	10 (G)	ug/L	3 J	6 J	5 J	10 U	40	13
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	10 U	1 J	10 U	2 J	2 J
108-95-2	Phenol	1	ug/L	6 J	18	5 J	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
	Total SVOCs			118	157	122	ND	122	85

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-3 G5120 OBG 5116 Water 11/20/1997	S-3 H0920 OBG 6847 Water 2/18/1998	S-3 H7393 OBG 7810 Water 5/27/1998	S-3 J8339 OBG 9571 Water 10/21/1998	S-3 M0189 OBG 1489 Water 4/19/1999	S-3 N4873 OBG 3856 Water 11/8/1999
CAS NO.	COMPOUND		UNITS:						
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.00049 JP	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.1 U	0.0047 JP	0.0024 JP	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.00077 JP	0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.0044 JP	0.1 U	0.00047 JP	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.051 U	0.0032 JP	0.05 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.0059 J	0.1 U	0.005 JP	0.00084 JP	0.0023 J
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.0017 JP	0.068 JP	0.0069 BJP	0.0014 JP	0.1 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	0.36 P	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.1 U	0.1 U	0.0075 J	0.0016 J	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.019 JP	0.003 JP	0.00072 BJP	0.0032 JP
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.0082 JP	0.051 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.051 U	0.051 U	0.00073 J	0.0026 JP	0.05 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U	0.51 U	0.5 U	0.5 U	0.5 U
	Total Pesticides			ND	0.0158	0.4593	0.02553	0.00889	0.055
	PCBS								
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	1 U	1 U	0.82 JP	1 U	0.52 JP	1 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260		ug/L	1 U	1 U	1 U	1 U	1 U	1 U
	Total PCBs			ND	ND	0.82	ND	0.52	ND
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	620	415	460	100 B	298	382
7440-36-0	Antimony	3	ug/L	10.7 B	2.8 B	5.3 B	12.6 B	5.1 B	4.7 B
7440-38-2	Arsenic	25	ug/L	9.2 B	4.2 U	9.3 B	4.9 B	3.8 B	4.4 B
7440-39-3	Barium	1000	ug/L	55.2 B	51.2 B	44.4 B	54.8 B	56.6 B	50.3 B
7440-41-7	Beryllium	3 (G)	ug/L	0.06 U	0.07 U	0.12 U	0.07 U	0.13 U	0.18 B
7440-43-9	Cadmium	5	ug/L	0.24 U	0.3 U	0.49 U	0.43 U	0.42 U	0.3 U
7440-70-2	Calcium	NS	ug/L	126000	136000	113000	112000	151000	145000
7440-47-3	Chromium	50	ug/L	1.1 U	1.2 U	1.6 U	2.8 U	1.4 U	0.54 UE
7440-48-4	Cobalt	NS	ug/L	1.1 U	1.2 U	2.3 U	2.3 U	1.6 U	1.7 U
7440-50-8	Copper	200	ug/L	1.4 B	1.4 B	1 B	4.6 B	1.1 B	0.54 U
7439-89-6	Iron	300	ug/L	67.1 B	21.6 B	41.6 B	708	62.3 B	75.8 B
7439-92-1	Lead	25	ug/L	1 U	1.1 U	1.8 U	2.1 U	1.1 U	1.3 U
7439-95-4	Magnesium	35000 (G)	ug/L	27.4 B	53.6 B	14.7 U	546 B	46.8 B	60.7 B
7439-96-5	Manganese	300	ug/L	0.7 B	0.2 U	0.29 U	14.8 B	0.27 U	0.39 B
7440-02-0	Nickel	100	ug/L	2.5 B	1.1 B	2.4 B	1.9 B	2.5 B	2.8 BE
7440-09-7	Potassium	NS	ug/L	53000	44700	47400	38500	47100	48500
7782-49-2	Selenium	10	ug/L	8.1	4 U	4.8 U	2 U	3.6 U	5.3
7440-22-4	Silver	50	ug/L	0.85 B	0.6 U	1.1 U	1.2 U	1 U	0.78 U
7440-23-5	Sodium	20000	ug/L	51500	45600	49400	32500	44300	46200 E
7440-28-0	Thallium	.5 (G)	ug/L	3.3 U	3.4 U	7.4 U	5.5 U	3.8 U	5.1 U
7440-62-2	Vanadium	NS	ug/L	20.9 B	13.1 B	14.2 B	5.5 B	16.5 B	12.6 BE
7440-66-6	Zinc	2000 (G)	ug/L	4.3 B	4.9 B	8.4 B	26.1	1.6 U	6.3 B
57-12-5	Cyanide	200	ug/L	49.5	10 U	32.5	69	15.6	25.3

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-4DL H7398DL OBG 7810 Water 5/28/1998	S-4RE H7398RE OBG 7810 Water 5/28/1998	S-4 M0297 OBG 1516 Water 4/21/1999	S-4RE M0297RE OBG 1516 Water 4/21/1999	S-4 N5018 OBG 3880 Water 11/10/1999	S-4 Q4028 OBG 5512 Water 4/28/2000
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L			6 J		10 U	10 U
71-43-2	Benzene	1	ug/L			5 J		10 U	10 U
78-93-3	2-Butanone	50	ug/L			10 U		10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L			10		10 U	10 U
108-90-7	Chlorobenzene	5	ug/L						
75-00-3	Chloroethane	5	ug/L			10 U		10 U	10 U
74-87-3	Chloromethane	5	ug/L			10 U		10 U	10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L			9 J			10 U
75-35-3	1,1-Dichloroethane	5	ug/L			8 J		10 U	10 U
540-59-0	1,2-Dichloroethene (total)	5	ug/L			11		10 U	10 U
100-41-4	Ethylbenzene	5	ug/L			7 J		10 U	10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L			10 U		10 U	10 U
75-09-2	Methylene chloride	5	ug/L			2 J B		10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L			10 U		10 U	10 U
108-88-3	Toluene	5	ug/L			4 J		10 U	10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L			2 J			10 U
79-01-6	Trichloroethene	5	ug/L			10 U		10 U	10 U
75-01-4	Vinyl chloride	2	ug/L			4 J		10 U	10 U
1330-20-7	Xylene (total)	5	ug/L			24		10 U	10 U
	Total VOCs			NA	NA	92	NA	ND	ND
	SEMIVOLATILES								
83-32-9	Acenaphthene	20 (G)	ug/L	6 JD	6 J	10 U	10 U	1 J	10 U
208-96-8	Acenaphthylene	NS	ug/L	5 JD	5 J	10 U	10 U	1 J	10 U
120-12-7	Anthracene	50 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	20 U	10 U	10 U	10 U	10 U	2 J
86-74-8	Carbazole	NS	ug/L	4 JD	4 J	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	20 U	10 U	5 J	4 J	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	5 JD	5 J	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	20 U	10 U	1 J	1 J	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	20 U	10 U	2 J	2 J	10 U	10 U
120-83-2	2,4-Dichlorophenol	1	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	19 JD	19	51	37	2 J	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	50 (G)	ug/L	7 JD	7 J	1 J	1 J	1 J	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	5 JD	5 J	2 J	1 J	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	6 JD	6 J	2 J	2 J	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	11 JD	11	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	110 D	110 E	11	8 J	10 U	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	8 JD	8 J	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	20 U	1 J	10 U	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	20 U	10 U	10 U	10 U	10 U	10 U
	Total SVOCs			186	187	75	56	5	2

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-4DL H7398DL OBG 7810 Water 5/28/1998	S-4RE H7398RE OBG 7810 Water 5/28/1998	S-4 M0297 OBG 1516 Water 4/21/1999	S-4RE M0297RE OBG 1516 Water 4/21/1999	S-4 N5018 OBG 3880 Water 11/10/1999	S-4 Q4028 OBG 5512 Water 4/28/2000
CAS NO.	COMPOUND		UNITS:						
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L			0.05 U		0.05 U	0.0021 JP
319-84-6	alpha-BHC	0.01	ug/L			0.05 U		0.05 U	0.0016 J
5103-71-9	alpha-Chlordane	0.05	ug/L			0.012 JP		0.0049 JP	0.051 U
319-85-7	beta-BHC	0.04	ug/L			0.05 U		0.05 U	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L			0.0047 JP		0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L			0.1 U		0.011 JP	0.01 J
50-29-3	4,4'-DDT	0.2	ug/L			0.022 BJP		0.0071 JP	0.003 JP
319-86-8	delta-BHC	0.04	ug/L			0.008 JP		0.05 U	0.051 U
60-57-1	Dieldrin	0.004	ug/L			0.1 U		0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L			0.05 U		0.05 U	0.051 U
33213-65-9	Endosulfan II	NS	ug/L			0.0079 JP		0.0012 JP	0.0012 JP
1031-07-8	Endosulfan sulfate	NS	ug/L			0.0023 BJP		0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L			0.011 JP		0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L			0.0096 JP		0.0037 J	0.1 J
53494-70-5	Endrin ketone	5	ug/L			0.0075 JP		0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L			0.05 U		0.05 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L			0.05 U		0.05 U	0.051 U
76-44-8	Heptachlor	0.04	ug/L			0.05 U		0.05 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L			0.025 J		0.0041 JP	0.051 U
72-43-5	Methoxychlor	35	ug/L			0.5 U		0.5 U	0.51 U
	Total Pesticides			NA	NA	0.11	NA	0.032	0.1179
	PCBS								
53469-21-9	Aroclor-1242	Sum PCBs	ug/L			1.5 P		1 U	1 U
12672-29-6	Aroclor-1248	of 0.09	ug/L			1 U		1 U	1 U
11096-82-5	Aroclor-1260		ug/L			1 U		1 U	1 U
	Total PCBs			NA	NA	1.5	NA	ND	ND
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L			58.9 B		331	700
7440-36-0	Antimony	3	ug/L			1.6 U		2.5 U	1.9 U
7440-38-2	Arsenic	25	ug/L			1.9 U		5.3 B	2.2 U
7440-39-3	Barium	1000	ug/L			68.9 B		40.6 B	18 B
7440-41-7	Beryllium	3 (G)	ug/L			0.13		0.04 U	0.14 U
7440-43-9	Cadmium	5	ug/L			0.5 B		0.3 U	0.28 U
7440-70-2	Calcium	NS	ug/L			456000		153000	58000
7440-47-3	Chromium	50	ug/L			2 B		1.6 BE	5.5 B
7440-48-4	Cobalt	NS	ug/L			1.6 U		1.7 U	1.4 B
7440-50-8	Copper	200	ug/L			0.49 U		1.8 B	6.7 B
7439-89-6	Iron	300	ug/L			463		411	1230
7439-92-1	Lead	25	ug/L			1.2 B		1.3 U	1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L			10700		3640 B	7320
7439-96-5	Manganese	300	ug/L			357		88.8	53.1
7440-02-0	Nickel	100	ug/L			1.3 U		2.7 BE	5.3 B
7440-09-7	Potassium	NS	ug/L			60200		26300	14400
7782-49-2	Selenium	10	ug/L			3.6 U		5.2	3.7 U
7440-22-4	Silver	50	ug/L			1 U		0.78 U	0.75 U
7440-23-5	Sodium	20000	ug/L			36400		23600 E	8060
7440-28-0	Thallium	.5 (G)	ug/L			3.8 U		5.1 U	4.9 U
7440-62-2	Vanadium	NS	ug/L			2 B		12 BE	2.6 B
7440-66-6	Zinc	2000 (G)	ug/L			2.5 B		5.7 B	22.6
57-12-5	Cyanide	200	ug/L			48.9		108	10 U

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-4 R7178 OBG 7645 Water 12/14/2000	S-4 S7279 OBG 9259 Water 6/19/2001	S-4 T6910 OBG 739 Water 12/12/2001	S-4 V4635 OB 2494 Water 6/19/2002	S-4 Z7445 OB 4203 Water 12/17/2002
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	3 J	4 J	10 U	10 U	2 JB
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U		
78-93-3	2-Butanone	50	ug/L	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L				10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U		
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U		
156-59-2	cis-1,2-Dichloroethene	5	ug/L		10 U	10 U		
75-35-3	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U
540-59-0	1,2-Dichloroethene (total)	5	ug/L	1 J				
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U		
108-10-1	4-Methyl-2-pentanone	NS	ug/L	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	1 JB	1 J	0.9 JB
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U		
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U		
156-60-5	trans-1,2-Dichloroethene	5	ug/L		10 U	10 U		
79-01-6	Trichloroethene	5	ug/L	10 U	10 U	10 U		
75-01-4	Vinyl chloride	2	ug/L	10 U	10 U	10 U		
1330-20-7	Xylene (total)	5	ug/L	1 J	10 U	10 U	10 U	0.5 J
	Total VOCs			5	4	1	1	3.4
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U		
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U		
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U		
56-55-3	Benzo[a]anthracene	20 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	10 U		
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	2 J	4 J	10 U	5 J	10 U
86-74-8	Carbazole	NS	ug/L		10 U	10 U		
59-50-7	4-Chloro-3-methylphenol	1	ug/L	3 J	10 U	10 U	10 U	2 J
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	10 U		
132-64-9	Dibenzofuran	NS	ug/L	10 U	10 U	10 U		
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U		
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U		
120-83-2	2,4-Dichlorophenol	1	ug/L	10 U	10 U	10 U		
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U		
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	1 J
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	2 J	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	2 J
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	10 U	10 U		
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U		
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U		
	Total SVOCs			7	4	ND	5	3

Detected Compund Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	S-4 R7178 OBG 7645 Water 12/14/2000	S-4 S7279 OBG 9259 Water 6/19/2001	S-4 T6910 OBG 739 Water 12/12/2001	S-4 V4635 OB 2494 Water 6/19/2002	S-4 Z7445 OB 4203 Water 12/17/2002
CAS NO.	COMPOUND		UNITS:					
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.05 U	0.05 U	0.051 U	0.0091 JP	0.053 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.051 U		
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U	0.1 U		
72-55-9	4,4'-DDE	0.2	ug/L	0.0036 J	0.0028 BJP	0.1 U	0.11 U	0.11 U
50-29-3	4,4'-DDT	0.2	ug/L	0.0021 JP	0.1 U	0.1 U	0.11 U	0.11 U
319-86-8	delta-BHC	0.04	ug/L	0.0035 BJP	0.05 U	0.051 U		
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.0037 JP	0.11 U	0.11 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.0032 JP	0.1 U	0.1 U	0.11 U	0.11 U
72-20-8	Endrin	ND	ug/L	**0.011 JP**	0.1 U	0.1 U	0.11 U	0.11 U
7421-93-4	Endrin aldehyde	5	ug/L	0.0044 J	0.1 U	0.011 BJP	0.11 U	0.11 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.05 U	0.051 U	0.053 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.05 U	0.00066 JP		
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.5 U	0.51 U	0.53 U	0.53 U
	Total Pesticides			0.0278	0.0028	0.01536	0.0091	ND
	PCBS							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	1 U	1 U	1 U	1.1 U	1.1 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	1 U	1 U	1 U	1.1 U	1.1 U
11096-82-5	Aroclor-1260		ug/L	1 U	1 U	1 U	1.1 U	1.1 U
	Total PCBs			ND	ND	ND	ND	ND
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	202 E	170 B	24.7 B	249	128 B
7440-36-0	Antimony	3	ug/L	1.7 B	1.4 U	2.1 U	2.3 U	2.1 U
7440-38-2	Arsenic	25	ug/L	2 U	1.6 U	2.6 B	2.3 B	2.7 B
7440-39-3	Barium	1000	ug/L	32.1 B	60.3 B	137 B	117 B	17 B
7440-41-7	Beryllium	3 (G)	ug/L	0.31 B	0.08 U	0.13 B	0.2 B	0.01 U
7440-43-9	Cadmium	5	ug/L	0.25 U	0.24 U	0.37 U	0.31 U	0.37 U
7440-70-2	Calcium	NS	ug/L	151000	139000	208000	134000	112000
7440-47-3	Chromium	50	ug/L	2.1 B	2.5 B	11.5	3.2 B E	1.2 U
7440-48-4	Cobalt	NS	ug/L	0.86 U	0.93 U	0.72 U	1.2 U	1.6 U
7440-50-8	Copper	200	ug/L	2.6 B	3.2 B	0.46 U	6.3 B	5.4 B
7439-89-6	Iron	300	ug/L	**1100**	**2700**	**57300**	**7860**	**456**
7439-92-1	Lead	25	ug/L	1.4 B	0.66 U	1.5 U	1.8 U N	0.78 U
7439-95-4	Magnesium	35000 (G)	ug/L	11400	14400	**45500**	13600	10000
7439-96-5	Manganese	300	ug/L	**368**	**370**	**2040**	**660**	188
7440-02-0	Nickel	100	ug/L	2.4 B	2.7 B	4 B	3.6 B	1.6 U
7440-09-7	Potassium	NS	ug/L	23200 E	23600	34700	27600	21400
7782-49-2	Selenium	10	ug/L	2.8 B	1.8 U	2.6 B	1.5 U	3.7 B
7440-22-4	Silver	50	ug/L	0.73 U	0.73 U	1 U	1.8 U	1.2 U
7440-23-5	Sodium	20000	ug/L	13700	18000	**64500**	**26300 E**	15000
7440-28-0	Thallium	.5 (G)	ug/L	3.7 U	3.6 U	5.1 U	4.8 U	3.6 U
7440-62-2	Vanadium	NS	ug/L	3.8 B	1.4 B	1.6 B	1.1 U	4.4 B
7440-66-6	Zinc	2000 (G)	ug/L	2.8 B	5.6 B	1.4 U	48.1	2.7 B
57-12-5	Cyanide	200	ug/L	23.6	11.1	24.5	10 U	16.8

APPENDIX B-3
SURFACE WATER CHEMICAL ANALYSIS RESULTS
(1997 TO 2002)

Detected Compund Summary
Surface Water Samples

Cherry Farm Surface Water Detected Compound Summary		NYSDEC Class A Surface Water Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	SW-1 G5192 OBG 5116 Water 11/21/1997	SW-1 H0921 OBG 6847 Water 2/18/1998	SW-1 H7401 OBG 7810 Water 5/28/1998	SW-1 M0192 OBG 1489 Water 4/20/1999
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	5 J
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U
	Total VOCs			ND	ND	ND	5
	SEMIVOLATILES						
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	1 J	10 U
	Total SVOCs			ND	ND	1	ND
	PESTICIDES						
309-00-2	Aldrin	0.022 (G)	ug/L	0.05 U	0.051 U	0.052 U	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.0031 JP	0.0068 J	0.052 U	0.0083 BJP
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.052 U	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L	0.0022 JP	0.1 U	0.1 U	0.002 J
72-55-9	4,4'-DDE	0.2	ug/L	0.021 J	0.0019 JP	0.0032 JP	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 JP	0.1 U	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.0016 JP	0.00096 JP
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.0059 J	0.1 U	0.00052 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.001 JP	0.0018 JP
72-20-8	Endrin	0.2	ug/L	0.1 U	0.1 U	0.0017 JP	0.00056 JP
7421-93-4	Endrin aldehyde	5 (G)	ug/L	0.1 U	0.0059 JP	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.0023 J	0.0019 BJP	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.0026 JP	0.0048 BJP
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U	0.52 U	0.51 U
	Total Pesticides			0.1263	0.0228	0.012	0.01894
	PCBS						
	None Detected						
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	263	2630	73.6 B	153 B
7440-36-0	Antimony	3	ug/L	2.6 U	2.6 U	2.9 B	**8.3 B**
7440-38-2	Arsenic	25	ug/L	4.2 U	4.2 U	7.2 B	5.2 B
7440-39-3	Barium	1000	ug/L	12.2 B	33.9 B	26 B	50.3 B
7440-41-7	Beryllium	3 (G)	ug/L	0.06 U	0.08 B	0.12 U	0.13 U
7440-70-2	Calcium	NS	ug/L	34600	68900	134000	189000
7440-47-3	Chromium	50	ug/L	2.6 B	7.4 B	1.6 U	8.7 B
7440-48-4	Cobalt	5	ug/L	1.1 U	1.2 U	2.3 U	1.6 U
7440-50-8	Copper	200	ug/L	3.4 B	8.1 B	0.84 U	3.6 B
7439-89-6	Iron	300	ug/L	300	**2030**	**352**	223
7439-92-1	Lead	50	ug/L	1 U	10.2	1.8 U	1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L	11000	19200	**57900**	**53200**
7439-96-5	Manganese	300	ug/L	6.4 B	70.5	220	71.6
7440-02-0	Nickel	100	ug/L	1.2 B	3.6 B	2.3 B	3.2 B
7440-09-7	Potassium	NS	ug/L	4330 B	9890	76900	66300
7782-49-2	Selenium	10	ug/L	4.4 B	4 U	4.8 U	3.6 U
7440-22-4	Silver	50	ug/L	0.56 U	0.6 U	1.1 U	1 U
7440-23-5	Sodium	20000	ug/L	6090	**30400**	**134000**	**133000**
7440-62-2	Vanadium	NS	ug/L	1.2 B	6.4 B	1.2 B	9.9 B
7440-66-6	Zinc	2000 (G)	ug/L	6.5 B	29.9	9.3 B	23.7
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U

Detected Compund Summary
Surface Water Samples

Cherry Farm Surface Water Detected Compound Summary		NYSDEC Class A Surface Water Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	SW-1 A9751102 OBG 11090 Water 11/9/1999	SW-1 R7147 OBG 7645 Water 12/13/2000	SW-1 T7110 OBG 764 Water 12/13/2001	SW-1 Z7446 OB 4203 Water 12/17/2002
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	2 JB
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	0.6 JB	0.8 JB
1330-20-7	Xylene (total)	5	ug/L	10 U	2 J	10 U	
	Total VOCs			ND	2	0.6	2.8
	SEMIVOLATILES						
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	9 U	4 J	11 U	
	Total SVOCs			ND	4	ND	NA
	PESTICIDES						
309-00-2	Aldrin	0.022 (G)	ug/L	0.047 U	0.052 U	0.058 U	
319-84-6	alpha-BHC	0.01	ug/L	0.047 U	0.006 J	0.058 U	
319-85-7	beta-BHC	0.04	ug/L	0.047 U	0.0087 JP	0.058 U	
72-54-8	4,4'-DDD	0.3	ug/L	0.094 U	0.0031 JP	0.12 U	
72-55-9	4,4'-DDE	0.2	ug/L	0.094 U	0.1 U	0.12 U	
50-29-3	4,4'-DDT	0.2	ug/L	0.094 U	0.1 U	0.12 U	
60-57-1	Dieldrin	0.004	ug/L	0.094 U	0.0038 JP	0.0016 BJP	
33213-65-9	Endosulfan II	NS	ug/L	0.094 U	0.1 U	0.12 U	
1031-07-8	Endosulfan sulfate	NS	ug/L	0.094 U	0.1 U	0.12 U	0.1 U
72-20-8	Endrin	0.2	ug/L	0.094 U	0.0032 JP	0.12 U	
7421-93-4	Endrin aldehyde	5 (G)	ug/L	0.094 U	0.1 U	0.01 BJP	
58-89-9	gamma-BHC	0.05	ug/L	0.047 U	0.052 U	0.058 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.047 U	0.052 U	0.058 U	
72-43-5	Methoxychlor	35	ug/L	0.47 U	0.061 BJP	0.58 U	
	Total Pesticides			ND	0.0858	0.0116	ND
	PCBS						
	None Detected						
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	315	380 E	127 B	157 B
7440-36-0	Antimony	3	ug/L	6 U	**3.4 B**	2.1 U	2.1 U
7440-38-2	Arsenic	25	ug/L	8.9 B	5 B	5.3 B	6.3 B
7440-39-3	Barium	1000	ug/L	51.4 B	37.6 B	46.1 B	34.5 B
7440-41-7	Beryllium	3 (G)	ug/L	1 U	0.27 B	0.1 B	0.01 U
7440-70-2	Calcium	NS	ug/L	152000	125000	192000	138000
7440-47-3	Chromium	50	ug/L	2 U	10.3	7.6 B	6 B
7440-48-4	Cobalt	5	ug/L	2 U	0.86 U	1.1 B	1.6 U
7440-50-8	Copper	200	ug/L	4.3 B	2.5 B	1.9 B	3.2 B
7439-89-6	Iron	300	ug/L	282	**473**	**305**	239
7439-92-1	Lead	50	ug/L	3 U	2.3 B	1.5 U	0.78 U
7439-95-4	Magnesium	35000 (G)	ug/L	**40400**	29800	**56300**	**38900**
7439-96-5	Manganese	300	ug/L	39.8	93	48.7	12.8 B
7440-02-0	Nickel	100	ug/L	3.6 B	3.1 B	4.7 B	1.6 U
7440-09-7	Potassium	NS	ug/L	46700	29200 E	59600	28800
7782-49-2	Selenium	10	ug/L	9.8	2.4 B	2.6 B	3.3 B
7440-22-4	Silver	50	ug/L	1 U	0.73 U	1 U	1.5 B
7440-23-5	Sodium	20000	ug/L	**79400**	**93600**	**99300**	**82700**
7440-62-2	Vanadium	NS	ug/L	2 U	2.9 B	2.7 B	4.3 B
7440-66-6	Zinc	2000 (G)	ug/L	15.8 B	15.4 B	15.9 B	15.5 B
57-12-5	Cyanide	200	ug/L		10 U	10 U	10 U

Detected Compund Summary
Surface Water Samples

Cherry Farm Surface Water Detected Compound Summary		NYSDEC Class A Surface Water Standards/ Guidelines	Sample ID: Lab Sample Depth: Source: SDG: Matrix: Sampled: Validated:	SW-2 G5193 OBG 5116 Water 11/21/1997	SW-3 G5117 OBG 5116 Water 11/20/1997	SW-3 N4876 OBG 3856 Water 11/9/1999	SW-3 Q3847 OBG 5490 Water 4/26/2000
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	2 J	10 U	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U	10 U	10 U
	Total VOCs			2	ND	ND	ND
	SEMIVOLATILES						
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U
	Total SVOCs			ND	ND	ND	ND
	PESTICIDES						
309-00-2	Aldrin	0.022 (G)	ug/L	0.05 U	0.05 U	0.052 U	0.0017 JP
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.05 U	0.052 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.05 U	0.052 U	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U	0.0015 JP	0.0014 JP
72-55-9	4,4'-DDE	0.2	ug/L	0.0043 JP	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.0014 JP	0.1 U	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	**0.0064 JP**	0.1 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.0013 JP	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.0021 JP	0.1 U
72-20-8	Endrin	0.2	ug/L	0.1 U	0.1 U	0.0018 JP	0.1 U
7421-93-4	Endrin aldehyde	5 (G)	ug/L	0.1 U	0.1 U	0.0016 JP	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.05 U	0.052 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.052 U	0.05 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.012 J	0.52 U	0.5 U
	Total Pesticides			0.0057	0.012	0.0147	0.0031
	PCBS						
	None Detected						
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	687	358	271	203
7440-36-0	Antimony	3	ug/L	2.6 U	2.6 U	2.5 U	1.9 U
7440-38-2	Arsenic	25	ug/L	4.2 U	4.2 U	5 B	5.1 B
7440-39-3	Barium	1000	ug/L	20 B	25.8 B	44.3 B	35.5 B
7440-41-7	Beryllium	3 (G)	ug/L	0.06 U	0.06 U	0.04 U	0.14 U
7440-70-2	Calcium	NS	ug/L	38100	131000	153000	130000
7440-47-3	Chromium	50	ug/L	3 B	8.1 B	5.3 BE	7.1 B
7440-48-4	Cobalt	5	ug/L	1.1 U	1.1 U	1.7 U	0.96 U
7440-50-8	Copper	200	ug/L	5.3 B	2.9 B	4 B	3.1 B
7439-89-6	Iron	300	ug/L	**1080**	**559**	**379**	291
7439-92-1	Lead	50	ug/L	4.6	1 U	1.3 U	1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L	10200	31800	**38700**	**40300**
7439-96-5	Manganese	300	ug/L	25.1	56	18.5	23.4
7440-02-0	Nickel	100	ug/L	2.3 B	3 B	3.9 BE	3.1 U
7440-09-7	Potassium	NS	ug/L	1040 B	24700	39200	31000
7782-49-2	Selenium	10	ug/L	4 U	4.2 B	3.9 B	3.7 U
7440-22-4	Silver	50	ug/L	0.9 B	0.56 U	0.78 U	0.75 U
7440-23-5	Sodium	20000	ug/L	3980 B	**95400**	**84600 E**	**89800**
7440-62-2	Vanadium	NS	ug/L	2.2 B	3.5 B	3.5 BE	2.6 B
7440-66-6	Zinc	2000 (G)	ug/L	26.2	12.1 B	41.2	14 B
57-12-5	Cyanide	200	ug/L	10 U	138	10 U	10 U

APPENDIX C
HABITAT REPORT

MEMORANDUM

February 21, 2003

To: United States Army Corps of Engineers (USACE)

From: Mark S. Raybuck, Parsons

Subject: Wildlife and Habitat Report for Cherry Farm/River Road

PURPOSE AND REQUIREMENTS

The purpose of this wildlife and habitat report is to document the fourth year of monitoring the wetlands and wooded upland mitigation areas at the Cherry Farm/River Road Site (Site), conducted during 2002. Complete documentation of the construction and planting of the mitigation area is provided in the October 1999 Cherry Farm/River Road Construction Certification Report.

This report addresses the special conditions contained in the United States Army Corps of Engineers (USACE) Nationwide Permit (No. 95-976-173) which pertain to the wetland mitigation area monitoring (March 25, 1996). The requirements include: (1) monitoring the mitigation areas annually for a period of five years by documenting the vegetation coverage in the wetlands and wooded uplands; and (2) monitoring the areas seasonally for utilization by fish and wildlife. Parsons documented the progress of the mitigation areas by maintaining inspection reports and photographic logs throughout the project.

BACKGROUND

The 79-acre Cherry Farm/River Road Site is located on the eastern shore of the Niagara River in Erie County, New York State (Figure 1). The Site was used for the disposal of waste from steel manufacturing processes from approximately 1908 to 1963 and as a landfill for the disposal of foundry wastes from 1963 to 1970. Remedial construction was implemented from 1996 through 1999, and included waste consolidation, capping, sediment removal, a groundwater extraction and treatment system, shoreline reconstruction, and fish and wildlife habitat development.

Various shoreline designs, including riprap, offshore barrier islands, and gabion walls, were built to create wetland areas consisting of troughs, pools, and protected banks. The troughs, located between the offshore barrier islands and the bank of the river; the pools, set back from the bank and buttressed with gabion walls; and the protected banks, located on the shoreline side of the barrier islands, were all planted with submergent and emergent wetland plants. Transplanted species included wild celery (*Vallisneria spiralis)*, broad-leaved cattail (*Typha latifolia)*, and hard-stemmed bulrush *(Scirpus acutus).* These species were selected for the purpose of creating a varied vegetative component at the Site, affording shelter and foraging areas for fish, birds, and other wildlife. The area at the toe of the landfill was planted with shrub and tree species including red-osier dogwood (*Cornus stolonifera sericea),* silky dogwood

(*Cornus amomum*), bankers willow (*Salix X cotteti*), streamco willow (*Salix purpurea*), black willow (*Salix nigra*), speckled alder (*Alnus incana*), and eastern cottonwood (*Populus deltoides*). As these woody species mature, they will shade the troughs, pools, and banks. The woody vegetation will also provide potential habitat for birds and offer a possible food source for area wildlife.

The wetlands were initially planted in April and May 1997. Due to lower than expected densities after the first two growing seasons, a revised planting plan was prepared in May 1999 (Beak, 1999) to improve chances of plant survival and propagation. The USACE and New York State Department of Environmental Conservation (NYSDEC) approved the revised plan. These revisions included placement of coir logs on the barrier islands. Additional topsoil was placed behind the logs, and fascines (bundles of plants) were transplanted to these areas of enhanced substrate. The fascines contained silky dogwood, red osier dogwood, and silky willow (*Salix sericea*).

RESULTS

The wetlands shoreline is continuing to support growth of broad-leaved cattail and hard-stemmed bulrush. During the 2002 monitoring period, cattail cover increased filling much of the trough and creating nearly solid vegetative cover between the barrier island and the upland bank at the north end of the northernmost barrier island. Figure 2 shows the mature wetland species and trees/shrubs near the middle of the Site, facing north. Figure 3 is a photograph taken facing northeast from a barrier island showing established growth on the island and shoreline. Although bulrush and soft rush have not propagated to the extent of the cattail, the species continue to survive and propagate behind the coir logs on the barrier islands.

The fascines planted behind the coir logs on the barrier islands are showing continued growth. In particular, red-osier dogwood is growing well near the waterline. In addition to the planted wetland species, numerous grasses and forbs have become established now by natural means on the barrier islands (Figure 4).

Submergent plant vegetation is thriving in the troughs between the barrier islands and the upland banks. Wild celery, Eurasian water-milfoil (*Myriophyllum spicatum*), and sago pondweed (*Potamogeton pectinatus*) appear to be growing particularly well at the southern end of each barrier island. Only wild celery was transplanted to the wetland area; the other submergent species have regenerated naturally.

The trees and shrubs planted in the upland areas are continuing to grow. The speckled alders and eastern cottonwood trees appear to be in good health (Figures 5 and 6). Red-osier dogwood and silky dogwood shrubs have fared especially well throughout the year, exhibiting substantial stem growth and vigorous foliage. Black willows and other shrub willow species have also grown and matured since the original planting (Figure 5).

FISH AND WILDLIFE OBSERVATIONS

The barrier islands continued to be used throughout the year by a variety of fish and wildlife species. Flocks of Canada geese (*Branta canadensis*) were seasonally observed on the northernmost barrier island and in the main channel northwest of the island. Herring gulls (*Larus argentatus*), and double-crested cormorants (*Phalacrocorox auritus*) were also seen in the area. Several great blue herons (*Ardea herodias*) and one juvenile heron or Great egret were observed making regular use of the uplands and barrier islands. Numerous fish, approximately two inches in length (unknown species), and small mouth bass were observed in the shallow troughs and weed beds adjacent to the barrier islands and protected banks.

Other species were observed in the area during 2002 include:

- Red-tailed hawks (*Buteo jamaicensis*);
- Sparrow hawks (*Falco sparverius*) also known as American Kestral;
- Common loon (*Gavia immer*);
- Peregrine falcons (*Falco peregrinus*);
- Pigeon (*Columba* various species);
- Mourning doves (*Zenaida macroura*);
- Killdeer (*Charadrius vociferus*);
- Deer (*Odocoileus virginians*);
- Turkey vultures (*Cathartes aura*);
- Coyote (*Canis latrans*);
- Grey fox (*Urocyon cinereoargenteus*);
- Red fox (*Vulpes vulpes*);
- Mink (*Mustela vision*) ;
- Fisher (*Martes pennant*);
- Painted turtles (*Chrysemys picta*);

- Snapping turtles (*Chelydra Serpentina*) and
- Frogs and small fish

CONCLUSIONS

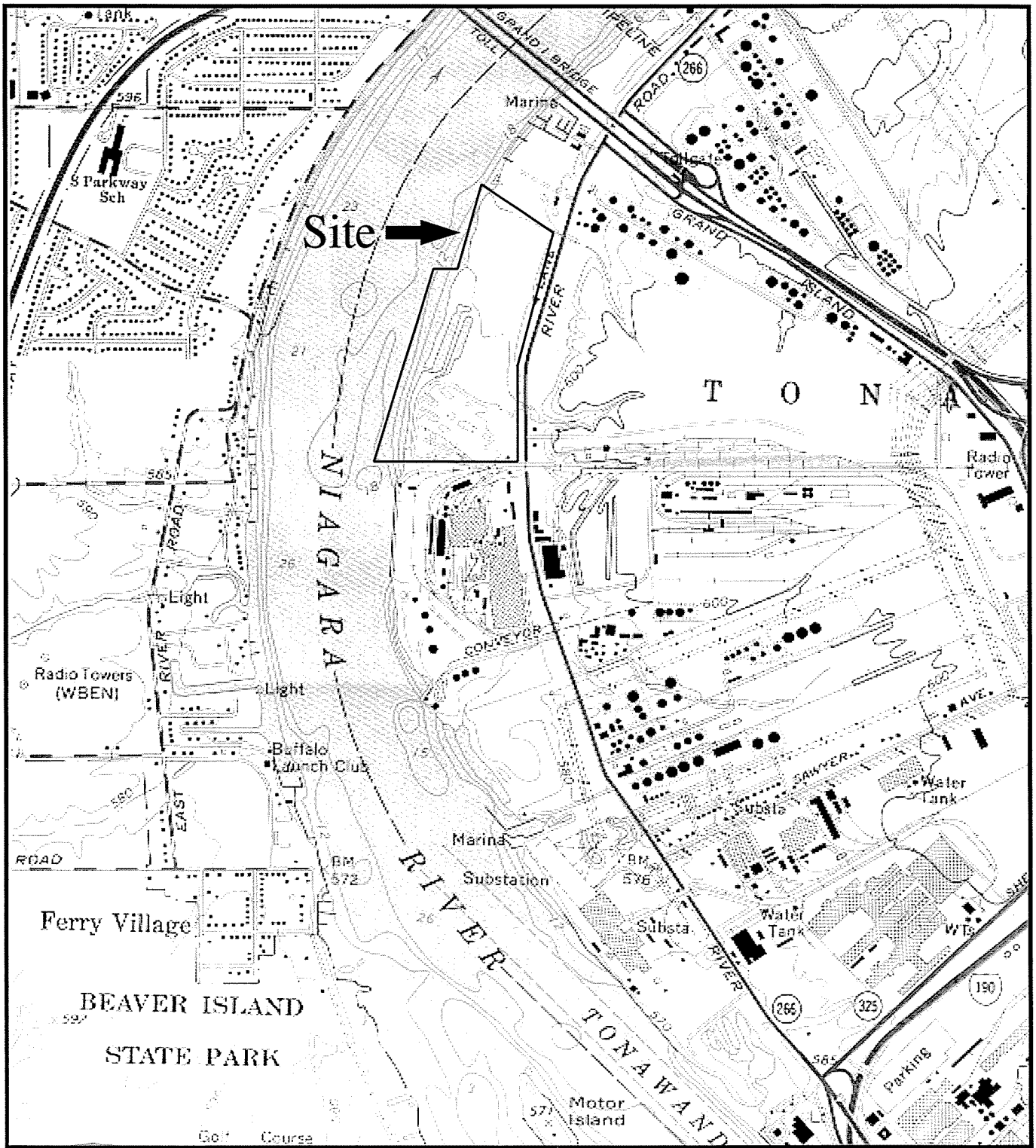
Observations during 2002 indicate that the wetland and wooded upland plants are continuing to grow and propagate. In addition to further development of the transplanted plant species, additional plant species are becoming established naturally. Fish and wildlife usage of the wetlands and the adjacent upland areas continues to be well documented. Evidence of the success of the mitigation areas during 2002 includes the following:

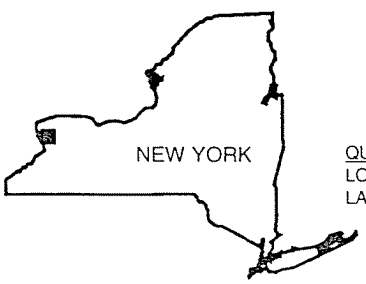
- Growth of cattail populations and other emergent species in several areas on the barrier islands, along the bank, and across the northernmost trough.
- Strong presence of live fascine growth in the emergent zone on the barrier islands.
- Abundant plant growth in submergent zone areas.
- Sustained growth of upland plant species.
- Continued natural establishment of plant species.
- Fish and wildlife presence throughout the wetland.

The constructed wetlands will continue to be monitored with respect to plant growth and usage by fish and wildlife species.

REFERENCES

Beak Consultants Incorporated. 1999. Revised shoreline planting plan for the Cherry Farm Site along the Niagara River, North Tonawanda, New York. Beak Consultants Incorporated, Lancaster, NY. 12 pp.





N

QUADRANGLE LOCATION
LONGITUDE: 78° 52' 30"
LATITUDE: 42° 52' 30"

SOURCE: U.S.G.S. 7.5 SERIES BUFFALO NW, New York-Ont (TOPOGRAPHIC), 1965

Figure 1

Cherry Farm/River Road Site PRP Group
Cherry Farm/River Road Site
Tonawanda, New York
SITE LOCATION MAP

PARSONS
DESIGN * RESEARCH * PLANNING
180 LAWRENCE BELL DRIVE - SUITE 104 * WILLIAMSVILLE, N.Y. 14221 * 716 / 633-7074
OFFICES IN PRINCIPAL CITIES

Figure 2.

Mature wetlands species and trees/shrubs (dogwood, willow, etc.) on barrier island, shore line, and trough.

Figure 3.

Cattail, soft rush, and other wetlands and uplands species.

Figure 4.

Cattail and soft rush growing on shoreline and upland trees/shrubs on a barrier island.

Figure 5.

Cattail, black willow, and cottonwood growth.

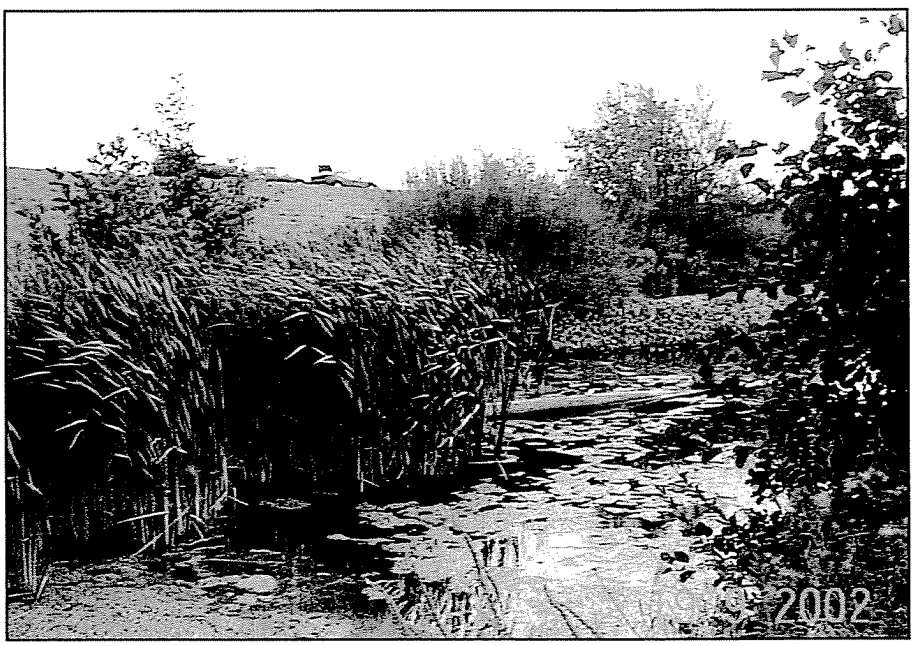


Figure 6.

Cattail well established near shoreline, cottonwood on barrier island.