ANNUAL REPORT

POST CONSTRUCTION GROUNDWATER 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:

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PARSONS

March 2002

2001 Annual Report:

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EXECUTIVE SUMMARY

INTRODUCTION

Parsons has prepared this Annual Report to summarize the annual monitoring and maintenance activities conducted from January 1 through December 31, 2001 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 2001, as required in the Parsons 1999 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. No surface water was present at the surface water sampling locations during the June 2001 sampling event. A surface water sample was collected at SW-1 during the December 2001 sampling event. This was the only location that a surface water sample was collected during this reporting period.

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 was completed and has been included with this report.

MONITORING SUMMARY

The intermediate/deep groundwater samples collected form onsite monitoring wells contained a total of four VOCs at concentrations above NYSDEC groundwater standards or guidance values: benzene, toluene, ethylbenzene, and xylene (BTEX). A total of four SVOCs were detected above groundwater standards including naphthalene, 2,4-dimethylphenol, 4-methylphenol, and phenol. No polycyclic aromatic hydrocarbons (PAHs) were detected at concentrations exceeding groundwater standards. Two detected pesticides, dieldrin, and endrin, exceeded standards. 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, chromium, iron, lead, magnesium, manganese, sodium, and thallium.

Shallow groundwater samples collected from onsite monitoring wells contained a total of four SVOCs, seven PAHs, nine pesticides, two PCBs, and seven 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 LNAPL was observed throughout this reporting period.

In general, the quality of groundwater in the intermediate/deep zone under the Site was similar or slightly improved in the 2001 sampling events relative to the previous sampling events. The quality of shallow groundwater under the site was generally improved during this reporting period when compared to the previous sampling events.

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 throughout the period 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.

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 2001 sampling events relative to the earlier events.
- The quality of shallow groundwater samples collected from onsite monitoring wells during the 2001 events showed greater impacts from the Site than the intermediate/deep zone samples. Generally, water quality improved in the shallow groundwater beneath the Site compared to earlier sampling events, although the concentrations of several metals increased during the December 2001 sampling event. 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 throughout most of the period (with occasional interruptions) to prevent offsite migration of groundwater. Pumping rates were increased by line flushing and pump replacement, 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 had gradually declined. After cleaning the piping systems, conducting rehabilitation at

several of the wells, and replacing pump impellers, flow rates from the sumps increased to the appropriate rates.

- From 1997 through 2001, groundwater and surface water samples have been analyzed for a complete TCL/TAL list of parameters. More than four years of monitoring data has now been collected. Groundwater sampling and analysis provide adequate data for determining potential impacts to the river.

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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, 2001 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 four tasks:

- Task 1 - Groundwater quality monitoring;
- Task 2 - Surface water quality monitoring;
- Task 3 - Water level monitoring; and
- Task 4 - 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.

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.

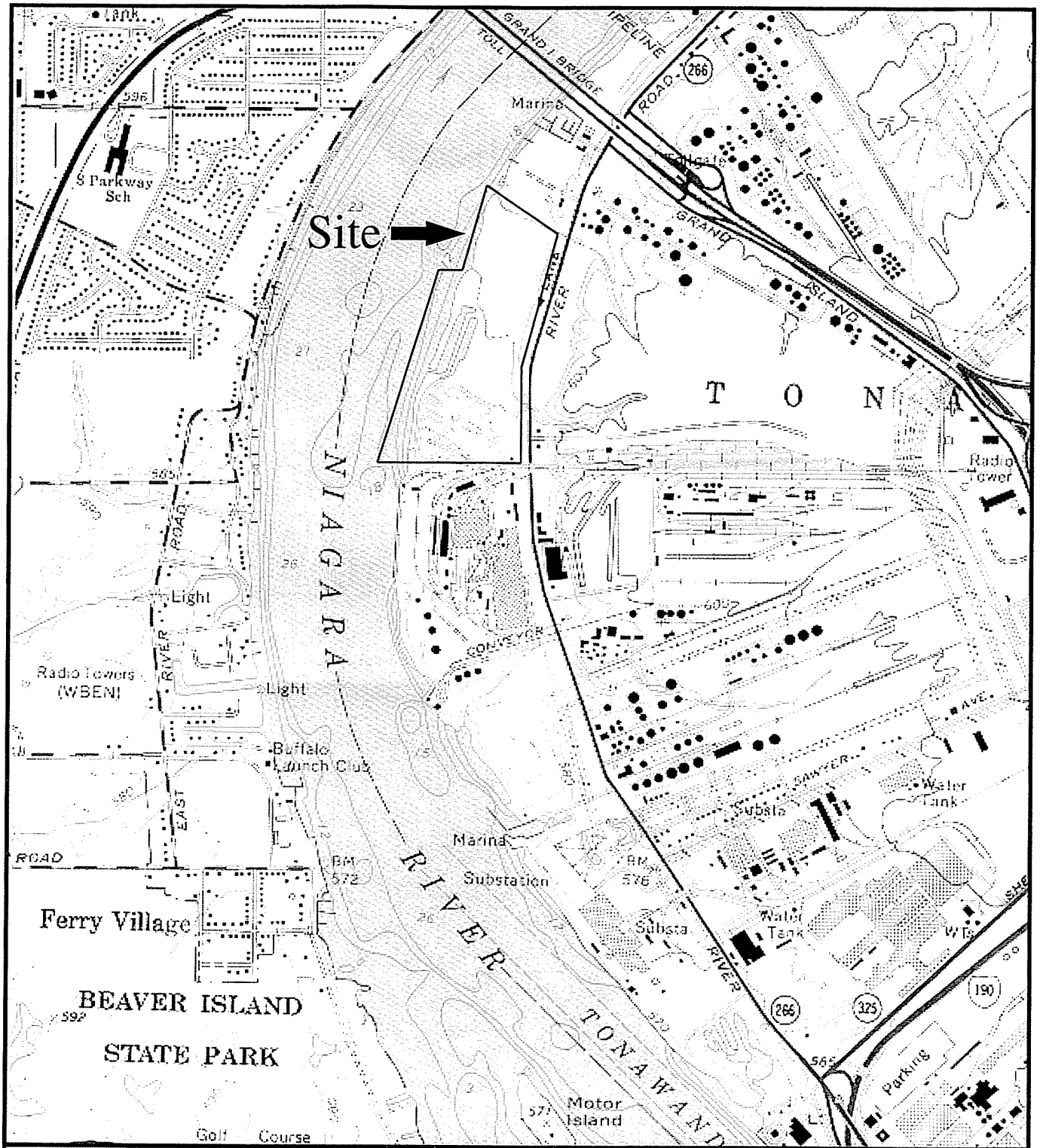
Two upgradient intermediate/deep zone monitoring wells were installed to provide representative samples of groundwater from areas expected to be outside the influence of the landfill. The five downgradient wells were designed to detect releases from the landfill during the operation of the groundwater 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.

Piezometers (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, effectiveness of the recovery well and shallow extraction systems, and the temporary effects of dredging on the shallow groundwater.
- Section 4 - Summary and Conclusions



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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
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180 LAWRENCE BELL DRIVE - SUITE 104 * WILLIAMSVILLE, N.Y. 14221 * 716 / 633-7074
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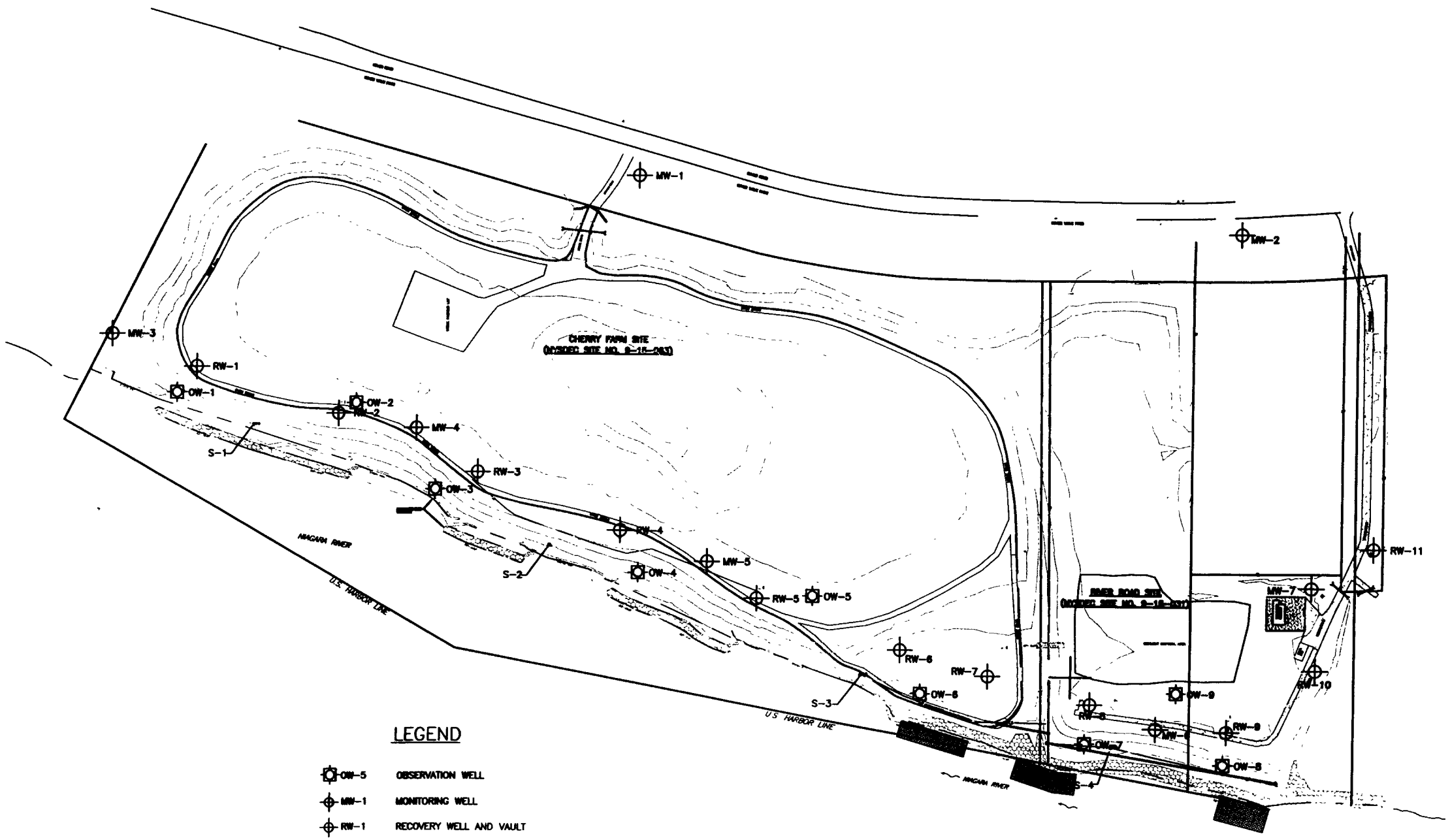

LEGEND

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
	SEDIMENT CAP 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

PARSONS ENGINEERING SCIENCE, INC.
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XREFs: CONT-TXT.DWG, 26671C01.DWG, TOP.DWG

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 18, 19, and 20, 2001
- Second Round – December 11, 12, and 13, 2001.

All monitoring wells and sumps were sampled during the two semi-annual monitoring events. Complete sample results are contained in the analytical data tables in Section 3, and Appendix A. Also, quality assurance/quality control (QA/QC) sample results are presented in Appendix A. Analytical summaries of all monitoring performed to date, from 1997 through 2001, are provided in Appendix B.

The monitoring wells and sumps were sampled in accordance with the Parsons 1999 OM&M Manual. The samples were analyzed in accordance with NYSDEC Analytical Services Protocol (ASP) for Target Compound List (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), TCL pesticides/PCBs, and target analyte list (TAL) metals. Also, associated QA/QC samples were collected during each sampling event, including one field duplicate, one MS/MSD, two trip blanks, and one field 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 2001 sampling event (Figure 1.2). 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 recovery wells and the shallow trench was producing adequate hydraulic gradients. Monthly water level monitoring was performed every month in 2001 except for November. Water levels were not collected in November 2001 because the contract between O'Brien and Gere and the PRP Group had not yet been established.. 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 recovery 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. Quarterly site inspections were conducted on February 20, May 10, August 1, and November 19, 2001. Any items requiring attention were addressed. These items included the following list:

- During the February 2001 site inspection, a build-up of light non-aqueous phase liquid (LNAPL) was observed in sump S-1. The LNAPL was subsequently removed using a peristaltic pump and transported to the treatment plant holding tank.
- During the May 2001 site inspection, eroded soil was noted in three areas: the sloped area on the northeast side of the Site, the northern end of the Site near mid-way east to west across the landfill, and the southwestern corner of the Site approximately 100 feet north of RW-7. Soil was subsequently replaced in these areas.
- Also during the May 2001 site inspection, animal burrows were noted in seven locations: approximately 100 feet north of the north site entrance, two locations were at the northern edge of the Site, roughly centrally located, along the northwest side of the Site south of OW-1 approximately 120 feet, on the western side of the Site approximately 50 feet north of OW-4, approximately 50 feet west of the highest point on the Site (near the center of the Site) and on the eastern side of the Site approximately 700 feet south of the north Site entrance. Animal control measures, such as trapping, were used during the year.

- Two additional locations on the River Road Site were noted to have animal burrows during the May 2001 site inspection. Both locations were on the eastern side of the Site between MW-6, RW-9, and OW-8. Animal control measures, such as trapping, were used during the year.
- Other items noted during the May 2001 inspection included some small trash (bottles, cans, and other litter) that had washed up along the shoreline, sedimentation in RW-1 and RW-6, and some LNAPL in sump S-1.
- During the August 2001 site inspection, animal burrows were noted in four locations: approximately 325 feet north of the north site entrance, the northern edge of the Site roughly centrally located, another location was west of this location approximately 200 feet, and on the eastern side of the Site approximately 800 feet south of the north Site entrance. Animal control measures, such as trapping, were used during the year.
- During the November 2001 site inspection, animal burrows were noted in four locations: approximately 250 feet north of the north site entrance, approximately 300 feet south of the north site entrance, and on the eastern side of the Site approximately 750 feet south of the north Site entrance. Animal control measures, such as trapping, were used during the year.

As part of the maintenance activities, the wooded upland and wetland habitats were inspected routinely. 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, 2001 are summarized in Table 2.2. The most notable maintenance activity was the treatment of several of the recovery wells with chemicals to remove bacterial buildup and iron precipitate followed by redevelopment of the wells by high pressure jetting then over-pumping.

Table 2.1
Cherry Farm/River Road Site
Water Level Summary

WELL NAME	Original ELEV. TOC	8/8/97 ELEV. (FEET)	8/19/97 ELEV. (FEET)	8/20/97 ELEV. (FEET)	8/21/97 ELEV. (FEET)	8/22/97 ELEV. (FEET)	8/25/97 ELEV. (FEET)	9/4/97 ELEV. (FEET)	9/12/97 ELEV. (FEET)	10/3/97 ELEV. (FEET)	10/13/97 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	11/21/97 ELEV. (FEET)	12/5/97 ELEV. (FEET)	12/24/97 ELEV. (FEET)	1/6/98 ELEV. (FEET)	2/2/98 ELEV. (FEET)	2/18/98 ELEV. (FEET)	4/1/98 ELEV. (FEET)	4/27/98 ELEV. (FEET)	5/27/98 ELEV. (FEET)	6/25/98 ELEV. (FEET)	7/31/98 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	8/27/98 ELEV. (FEET)	9/28/98 ELEV. (FEET)	10/21/98 ELEV. (FEET)	11/23/98 ELEV. (FEET)	12/29/98 ELEV. (FEET)	1/28/99 ELEV. (FEET)	2/22/99 ELEV. (FEET)	3/29/99 ELEV. (FEET)	4/19/99 ELEV. (FEET)	5/28/99 ELEV. (FEET)	6/25/99 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	7/25/99 ELEV. (FEET)	8/27/99 ELEV. (FEET)	9/27/99 ELEV. (FEET)	9/27/99 ELEV. (FEET)	10/25/99 ELEV. (FEET)	11/8/99 ELEV. (FEET)	12/22/99 ELEV. (FEET)	1/27/00 ELEV. (FEET)	2/25/00 ELEV. (FEET)	3/24/00 ELEV. (FEET)	4/26/00 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	5/26/00 ELEV. (FEET)	6/26/00 ELEV. (FEET)	7/21/00 ELEV. (FEET)	8/28/00 ELEV. (FEET)	9/29/00 ELEV. (FEET)	11/1/00 ELEV. (FEET)	11/30/00 ELEV. (FEET)	12/11/00 ELEV. (FEET)	1/22/01 ELEV. (FEET)	2/27/01 ELEV. (FEET)	3/16/01 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	4/20/01 ELEV. (FEET)	5/30/01 ELEV. (FEET)	6/18/01 ELEV. (FEET)	8/1/01 ELEV. (FEET)	8/24/01 ELEV. (FEET)	9/25/01 ELEV. (FEET)	10/22/01 ELEV. (FEET)	12/11/01 ELEV. (FEET)
MW-1	565.38	565.57	565.46	565.05	564.89	565.01	565.01	564.70
MW-2	565.01	565.15	565.07	564.83	564.63	564.86	564.68	564.26
MW-3	564.95	565.14	564.95	564.15	564.13	564.11	564.40	563.85
MW-4	564.83	565.00	564.96	564.61	564.31	564.32	571.56	569.38
MW-5	564.52	564.72	564.77	564.59	564.34	564.47	564.37	563.91
MW-6	564.29	564.45	564.49	564.38	564.23	564.27	564.05	563.78
MW-7	564.80	564.96	564.93	564.64	564.59	564.51	564.48	564.34
OW-1	564.53	564.73	564.64	564.03	563.96	564.10	564.04	563.53
OW-2	567.54	567.55	567.37	567.43	569.47	567.48	569.03	568.96
OW-3	564.83	565.04	565.09	564.58	564.54	564.46	564.80	564.80
OW-4	564.70	565.01	565.06	564.48	564.53	564.49	564.71	564.68
OW-5	565.92	565.91	566.02	566.00	565.92	565.84	565.64	565.51
OW-6	565.17	565.47	565.45	564.83	564.86	564.78	565.07	565.11
OW-7	565.11	565.46	565.46	564.72	564.67	564.54	564.97	564.93
OW-8	564.82	564.91	564.86	564.50	564.40	564.33	564.52	564.39
OW-9	566.67	566.65	566.54	566.20	566.15	565.95	566.26	566.42
S-1	564.16	564.19	564.28	564.31	564.57	564.58	565.28	563.63
S-2	564.87	565.25	565.26	564.64	564.66	564.58	564.90	564.90
S-3	564.93	565.38	565.37	564.55	564.71	564.57	564.93	564.99
S-4	565.05	565.43	565.63	564.95	564.92	564.80	565.06	564.79
RW-1	564.77	565.11	564.87	548.60	554.78	549.31	548.70	545.97
RW-2	555.75	566.67	556.37	556.13	564.32	556.51	556.39	556.32
RW-3	553.16	551.74	551.72	553.69	547.17	550.11	559.65	548.19
RW-4	556.43	556.35	556.06	564.57	555.50	555.48	564.37	555.67
RW-5	560.23	561.04	561.54	561.47	559.10	558.05	557.15	556.56
RW-6	560.52	564.68	564.70	555.99	564.36	556.46	556.05	555.41
RW-7	552.32	556.12	555.79	556.24	564.38	555.68	555.75	563.92
RW-8	564.97	556.98	565.37	564.50	557.42	564.45	564.28	557.38
RW-9	556.44	555.85	556.82	564.54	564.41	556.63	556.60	564.09
RW-10	560.52	560.82	560.54	560.64	564.54	559.95	560.25	560.73
RW-11	557.57	558.32	558.46	558.15	557.69	557.86	557.73	557.67
SG	564.3	563.9	564.5	564.43	564.24	564.51	564.19	Dry

Water levels recorded in feet NGVD

Table 2.2

Cherry Farm/River Road O&M

Non-routine Maintenance Items for 2001

Date	Non-routine Maintenance Item
January 2001	Replaced cable for main pH controller, re-grounded the backup pH controller.
January 2001	Pilot assembly replacement for boiler.
February 2001	Prepared an RFP for Arrow Contracting to install new pumps, one contactor, and two thermal overloads in the treatment plant clearwell system. Ordered new pumps and contactor, oversaw Arrow's installation of the new clearwell system, including electrical work.
February 2001	Removed broken mixer blade, replaced mixer blade assembly.
February 2001	Corrected temperature compensation function problem on pH controller.
February 2001	Installed a time-delay relay on the plant shut-down alarm to avoid nuisance tripping of the alarm from the backup pH controller.
March 2001	Replaced diaphragm for the caustic chemical feed pump (worn out).
March 2001	Measured and pumped approximately 8 inches of oil from Sump No. 1 using a peristaltic pump, transported oil to treatment plant holding tank, turned sump on manual operation on two occasions to remove additional oil.
April 2001	Variable speed drive for RW-1 wore out.
May 2001	RW-1 and RW-6 lost flow, troubleshot, then pulled pumps.
May 2001	Researched potential bacteria problems, ordered bacteria test kits.
May 2001	Sampled wells, conducted bacteria tests over 8 days.
Jan – June 2001	RW-9 float system intermittently fails. Troubleshot floats, sensors.
July 2001	Conducted chemical treatment/well development on four wells.
July 2001	Installed new ground sensors and conductivity sensors.

July 2001	
August 2001	Replaced new building temperature sensor.
August 2001	RW-5 outlet plugged, RW-2 discharge piping leak. Cleaned out RW-5 outlet.
August 2001	Caustic and acid usage excessive, troubleshot.
September 2001	Discharge pipe in RW-5 vault plugged. Removed piping, cleaned out each section, replaced.
September 2001	Repaired RW-2 discharge pipe leak.
October 2001	Evaluated options for minimizing and preventing bacteria growth and iron precipitation in pumps and discharge piping.
August/September 2001	Troubleshot fluctuations in the ISCO flowmeter, calculated corrected flow rates for billing.
November 2001	Replaced tubing for the caustic transfer pump.
November 2001	Replaced section of piping in RW-2.
November 2001	Conducted acid cleaning of several wells and sumps.
Nov/Dec. 2001	Cleaned sediment from magnetic flow meters for RW-8, RW-9, and sumps.
December 2001	Planned and conducted flushing of discharge line between Sump 1 and the treatment plant. Arrow Contracting conducted the field work with oversight and coordination by Parsons.

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 actually higher in the background well (MW-2) 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

During this reporting period (January through December 2001), 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 63 ug/L (micrograms per liter). Concentrations of ethylbenzene in MW-5 only exceeded the standard during the June sampling event and was only 1 ug/L higher than the groundwater standard (5 ug/L). Xylene exceeded the groundwater standard of 5 ug/L by three to four times. Acetone, chloroethane, chloromethane, methylene chloride, and styrene were also detected but were below the groundwater standard. VOCs detected during the January to December 2001 rounds are the same in number and are generally similar to slightly lower in concentration to those detected during the previous sampling events.

A total of four SVOCs (2,4-dimethylphenol, 4-methylphenol, naphthalene, and phenol) were detected above groundwater standards during the June and December 2001 sampling rounds in MW-5. 4-methylphenol was also found in MW-4 exceeding the standard during the June

sampling. These compounds were detected at less than one order of magnitude above their respective groundwater standards of 1 ug/l, or guidance value, in the case of naphthalene, which is 10 ug/l. One additional SVOC, bis(2-ethylhexyl)phthlate was detected but was below groundwater standards. The total of six SVOCs detected during the two 2001 sampling events is the same number of SVOCs detected in one or more samples from previous events. Concentrations were generally lower in the sampling events in this reporting period. The number of compounds exceeding groundwater standards increased by one from the last reporting period.

A total of twelve pesticides were detected, of which two (dieldrin, and endrin), exceeded groundwater standards. Dieldrin exceeded the groundwater standard (0.004 ug/L) in the December 2001 sampling round in MW-4 (0.0074 ug/L), MW-5 (0.012 ug/L), and MW-7 (0.0027 ug/L). Dieldrin was also detected below the groundwater standard in the December 2001 sampling round in MW-1. Dieldrin was not detected in the June 2001 sampling round. Endrin was detected in MW-3 (0.017 ug/L) and MW-4 (0.038 ug/L) in the June 2001 sampling round above the groundwater standard (the standard is lower than the analytical detection limits). Endrin was not detected in the December 2001 sampling event. Total numbers of pesticides detected decreased by six and concentrations of detected compounds were similar to slightly lower when compared to previous sampling events. The number of pesticides exceeding the groundwater standards decreased by one from the previous reporting period. No PCBs were detected in any monitoring wells during the two sampling events from the current reporting period.

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 MW-1 (June and December rounds), MW-2 (June and December rounds), and MW-4 (June round only) with the highest concentrations found in MW-2. Chromium exceeded groundwater standards in MW-1 (June round only) and MW-2 (both rounds) with the higher concentrations found in MW-2. All groundwater analytical results exceeded the groundwater standards for iron with the highest of the concentrations generally found in MW-2. Lead was found above the groundwater standard in only MW-2 in both rounds of sampling. Magnesium exceeded the groundwater guidance value in wells MW-1 (December round), MW-2 (June and December rounds), and MW-6 (June and December rounds). 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-1 and MW-7 and the December sample from MW-5. Manganese concentrations were above the background concentrations in MW-2 at MW-6 in samples from both rounds and at MW-4 in the sample from the June round. Sodium exceeded groundwater standards in all of the wells except for MW-2 (both rounds). Thallium exceeded the groundwater guidance value in MW-2 in the December round but was below the analytical detection limits in all other analyses.

The total number of metals with concentrations exceeding groundwater standards during the reporting period increased by one from the previous reporting period (three sampling rounds) to the June and December 2001 rounds. Generally, metals concentrations were similar to slightly higher compared to previous analytical results.

3.1.2 Shallow Groundwater Quality

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. Acetone was found in both of the sampling rounds in S-1 at 12 and 4 ug/L, June and December 2001 respectively, below the guidance value for acetone of 50 ug/L. Acetone was also found in June 2001 samples from S-2 (7 ug/L), S-3 (4 ug/L), and S-4 (4 ug/L) but was below the detection limits in these wells in the December 2001 event. 2-butanone was detected in the June 2001 round of samples, in the sample from S-1 (3 ug/L). Chloroethane and chloromethane were detected in the June 2001 round of samples, in the sample from S-1 (1 and 2 ug/L, respectively). 1,1-dichloroethane (1,1-DCA) was detected in the samples from S-3 in both of the sampling rounds at 2 ug/L and in the sample from S-2 in the December 2001 sampling round at 2 ug/L. Methylene chloride was detected in only one sample from the June 2001 sampling round (S-1) at 1 ug/L. In the samples from the December 2001 sampling round methylene chloride was detected in S-1 (0.6 ug/L), S-2 (1 ug/L), S-3 (2 ug/L) and S-4 (1 ug/L). Toluene was found in S-3 at 1 and 0.7 ug/L in the samples collected during the June and December events, respectively. Xylenes (total) were found at concentrations of 4 and 2 ug/L in S-3 during the June and December 2001 sampling events, respectively. Comparing the analytical results from the current reporting period with the three previous sampling periods, one more compound was detected (seven in the previous rounds compared to eight in the current rounds), and were generally found at similar concentrations. In the three previous rounds, one compound exceeded its respective groundwater standard. In the current reporting period, no compounds exceeded standards or guidance values.

The analytical results from the current reporting period indicated a total of four SVOCs (excluding PAHs) detected, all occurred at concentrations exceeding groundwater standards for one or more samples. 2-methylphenol and 4-methylphenol exceeded their respective groundwater standards of 1 ug/L each in S-3 during the June 2001 sampling but only 4-methylphenol was exceeded during the December 2001 sampling. Detected concentrations of 2,4-dimethylphenol (standard is 1 ug/L) ranged from 1 to 14 ug/L with the only exceedences occurring in the samples from S-3 (both sampling events). Bis(2-ethylhexyl)phthalate exceeded the groundwater standard (5 ug/L) in S-1 (55 and 29 ug/L in the June and December 2001 sampling rounds, respectively) and was also detected below the standard in S-2 (both rounds) and S-4 (June round). The 2001 shallow groundwater sampling analytical results provided less than half the number of SVOCs (excluding PAH) detected and exceeding the groundwater standards compared to the analytical results of the last reporting period (three rounds of data). Concentrations of the detected compounds were similar.

Ten PAHs were detected in the shallow groundwater samples from the sumps during the current reporting period. Seven 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. SVOC and PAH detections were generally lesser in frequency, and had similar to slightly lower concentrations than in the previous reporting periods.

A total of 18 pesticides were detected during the current reporting period, nine of which were detected at concentrations above groundwater standards. Concentrations of detected pesticides were low, and in most cases were estimated and below the method detection limits. The greatest frequency of pesticides exceeding standards occurred in S-1 where all nine pesticides exceeded standards. Only two pesticides exceeded in S-2 and S-3 (dieldrin and endrin) during at least one of the sampling rounds. No pesticides exceeded groundwater standards in S-4 during the current reporting period. The total number of pesticides detected remained the same between the prior and current reporting periods. The number of detections exceeding groundwater standards during the current period increased from six during the prior sampling results to nine during the current reporting period.

During the current reporting period, PCBs were detected at concentrations above groundwater standards in S-1 during both sampling events. PCBs were below the analytical detection limits in the groundwater samples from the other sumps. In the past, PCBs had also been detected in the other sumps at concentrations exceeding the groundwater standards. In the past, PCBs exceeded standards in four different samples from S-2, two samples from S-3, and one from S-4. The concentrations of PCBs during this reporting period were generally higher than the previous reporting period sample results.

During the current reporting period, a total of 22 TAL metals were detected in one or more samples, seven of which were detected at concentrations exceeding groundwater standards or guidance values. Concentrations of sodium were detected above the standard in both rounds, in all samples, except for the June sample from S-4. Concentrations of the seven metals varied from less than one order of magnitude to two orders of magnitude above standards, except for iron, which was found at higher concentrations on occasion. When comparing the June to the December analytical results, it appears that the December results are generally higher in concentration than the June results. The total number of metals (22) and the number of metals detected above standards (7) during this reporting period were slightly more than the previous three sampling events of the last reporting period.

3.1.3 Surface Water Quality

During the current reporting period, a single surface water sample was collected at SW-1 in December 2001. One VOC (methylene chloride, 0.6 ug/L) and two pesticides (dieldrin 0.0016 ug/L and endrin aldehyde 0.01 ug/L) were detected. No VOCs or pesticides were detected above groundwater standards or guidance values and no SVOCs or PCBs were found above the analytical detection limits.

Seventeen TAL metals were detected, only three (aluminum, iron, and magnesium) were detected above groundwater standards. Samples were not collected at SW-2 and SW-3 during the December sampling event and samples were not collected from all three of the locations during the June sampling event because no surface water was present during the sampling events. Eighteen metals were detected, four of which exceeded standards, in the surface water samples collected during the reporting period prior to this reporting period. Concentrations appear to be similar to the previous events.

3.2 EFFECTIVENESS OF RECOVERY WELL SYSTEM

The intermediate/deep groundwater extraction system achieved the objective of preventing offsite migration to adjoining properties and to the Niagara River. 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 recovery 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 recovery 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 10 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 recovery wells to an onsite groundwater treatment plant, with final discharge to the Town of Tonawanda sewer system.

3.2.2 System Effectiveness

Pre-extraction water levels of all recovery wells 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 564.6 feet above sea level between August 2000 and December 2001. 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 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.

Figures 3.5a through 3.5c show water levels of the extraction wells through time. Water level data for the recovery wells, monitoring wells, sumps, and observation wells are presented in Table 2.1. Water levels in the recovery wells, on average, are currently 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.

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.

3.3 EFFECTIVENESS OF 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 (riverside) 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.

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

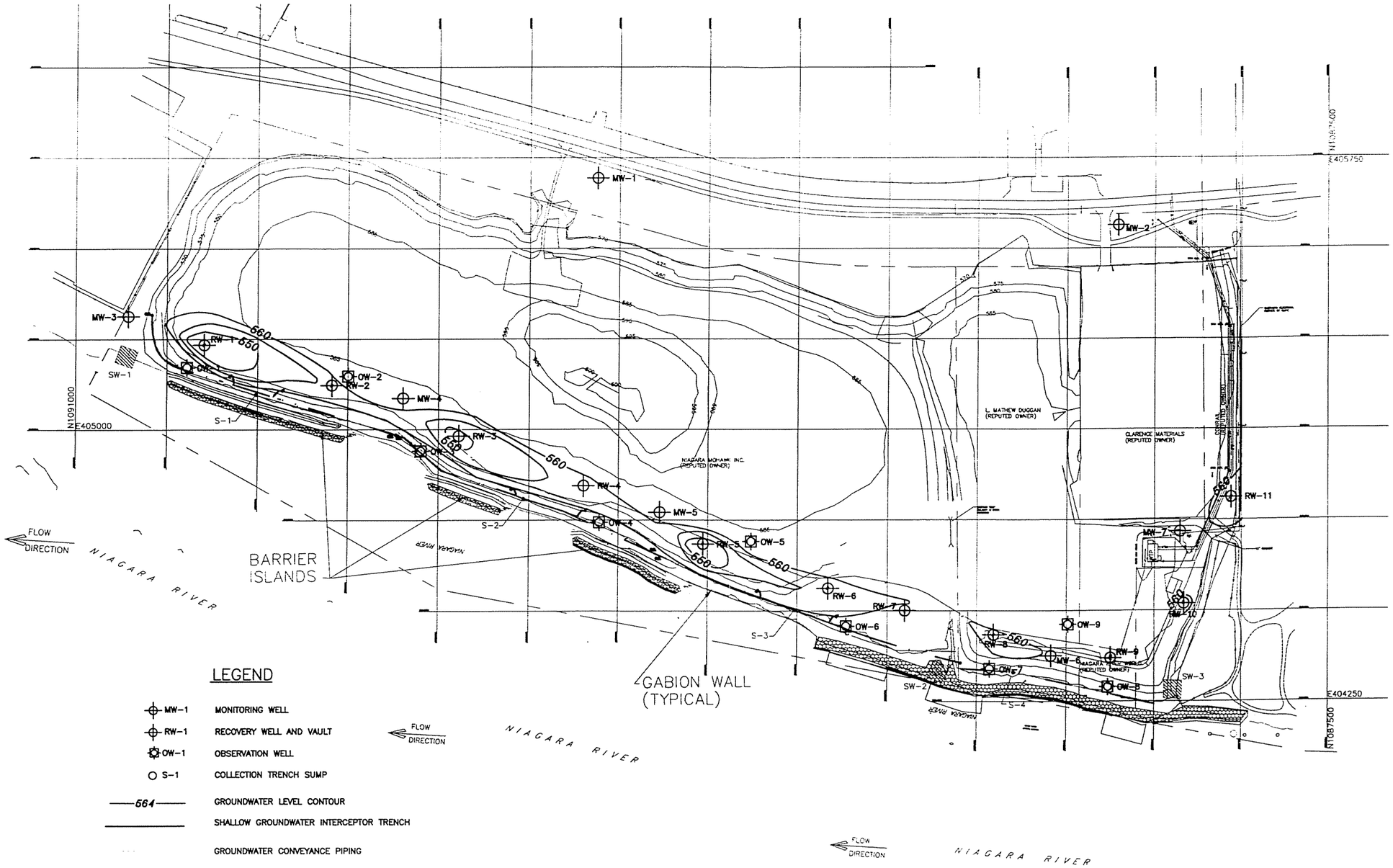
seasonal variations. Water levels in OW-2, OW-5, and OW-9 were measurably higher than the sump levels and the observation wells adjacent to the trench, as expected, due to their higher elevations. As mentioned in the 1999 Annual Report, OW-6, OW-7, OW-8, and OW-9 were influenced by water seeping from 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 0.125 inches to 8 inches. Periodically during site inspections, LNAPL is removed from S-1 using absorbent pads, bailing, or with a peristaltic pump.

3.4 TIME TRENDS

Groundwater chemical data from 1997 to 2001 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. The trend in MW-5 showed an increase in the total VOC concentration from August 1997 through the September 1998 data, followed by a decrease through the November 1999, a slight increase in April 2000 followed by a slightly more substantial increase in December of 2000. In 2001, total VOCs at MW-5 decreased slightly in the June and December data. The concentrations of total VOCs in MW-5 were higher than the other wells, with the exception of the November 1999 sample, in which MW-4 was slightly higher than MW-5. Generally, with the exception of MW-5, 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. SVOCs followed a similar pattern, with concentrations decreasing by approximately half in late 1999 and 2000 compared to 1997 through the first half of 1999. The total SVOC concentrations in MW-5 also exceeded the total SVOC concentrations in all other wells.

Figure 3.9c and 3.9d show trends for the shallow groundwater samples collected from the sumps between 1997 and 2001. The total VOC concentrations have decreased, and have been lower for the past two years than at any time during the O&M period. Total SVOCs concentrations also decreased through time, and were generally lower in 2001 than in previous events. The concentration of total SVOCs, particularly PAHs, in the shallow groundwater from S-1 has always been higher than in the other three sumps, in part due to the presence of LNAPL in the sump.



APPROXIMATE RIVER ELEVATION 563.9'

MW	ELEV IN FEET
1	564.72
2	564.44
3	564.13
4	564.14
5	563.87
6	563.86
7	564.29

RW	ELEV IN FEET
1	546.17
2	555.53
3	548.00
4	556.38
5	544.35
6	554.36
7	563.97
8	557.75
9	564.08
10	559.95
11	557.52

OW	ELEV IN FEET
1	563.66
2	567.41
3	564.42
4	564.23
5	565.58
6	564.71
7	564.56
8	564.39
9	566.29

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: RW-7 AND RW-9 WERE OFF

300 150 0 300 600

SCALE: 1"=300'

FIGURE 3.1

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP JANUARY 22, 2001

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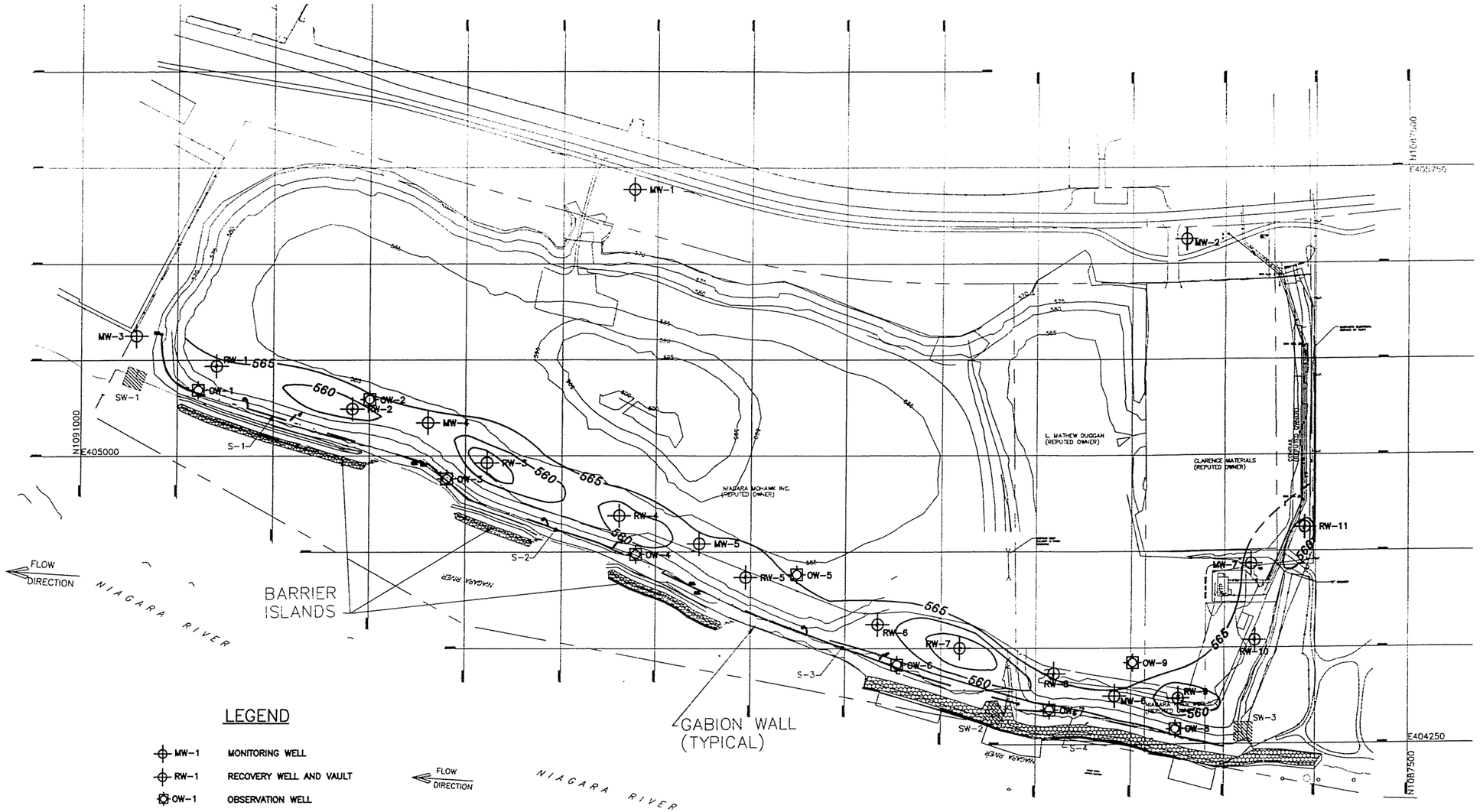

APPROXIMATE RIVER ELEVATION 564.3'

MW	ELEV IN FEET
1	565.38
2	565.01
3	564.95
4	564.83
5	564.52
6	564.29
7	564.80

RW	ELEV IN FEET
1	564.77
2	555.75
3	553.16
4	556.43
5	560.23
6	560.52
7	552.32
8	564.97
9	556.44
10	560.52
11	557.57

OW	ELEV IN FEET
1	564.53
2	567.54
3	564.83
4	564.70
5	565.92
6	565.17
7	565.11
8	564.82
9	566.67

NOTE: RW-1, RW-5, AND RW-8 WERE OFF

FIGURE 3.2

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP APRIL 20, 2001

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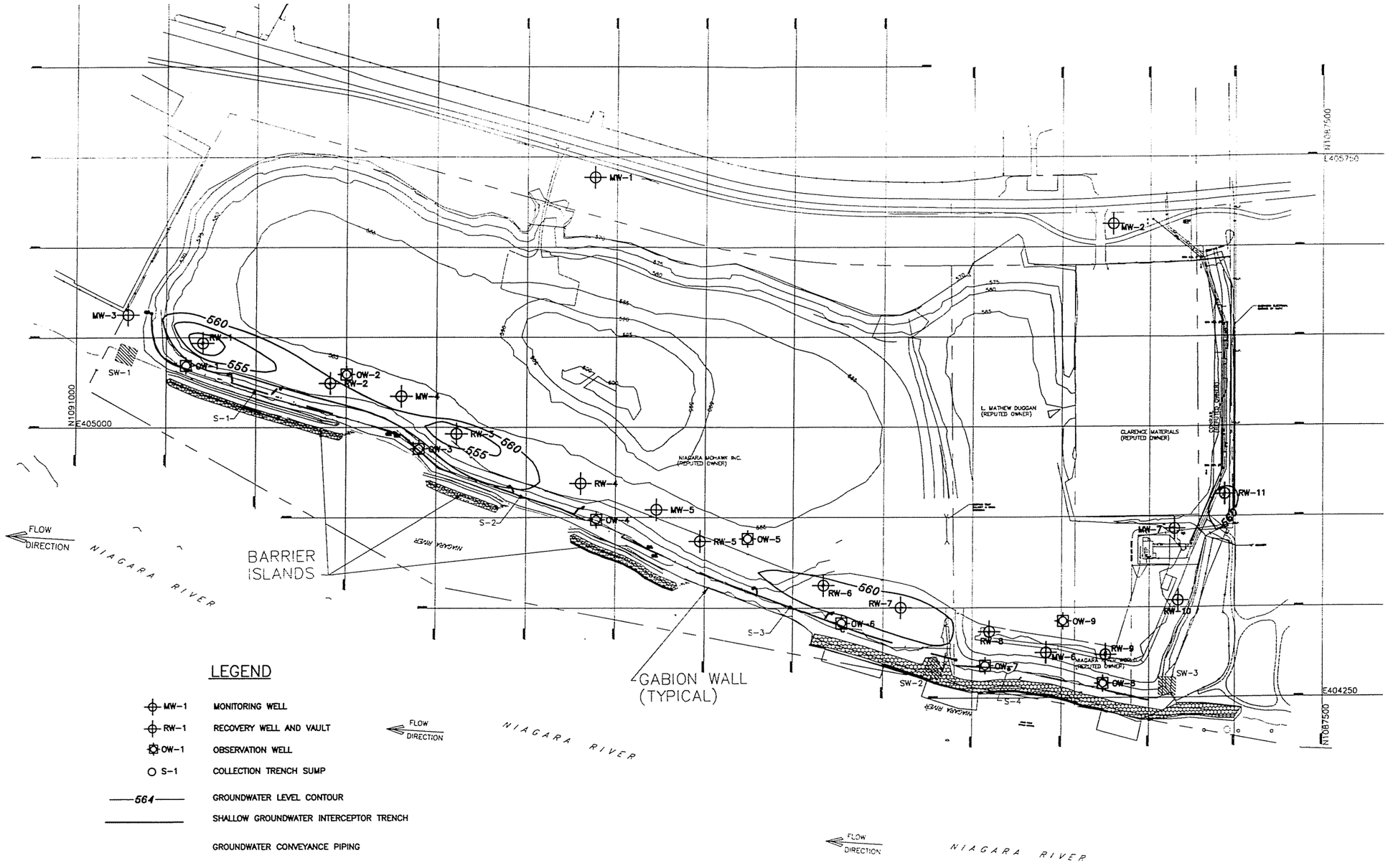

APPROXIMATE RIVER ELEVATION 564.4'

MW	ELEV IN FEET
1	565.05
2	564.83
3	564.15
4	564.61
5	564.59
6	564.38
7	564.64

RW	ELEV IN FEET
1	548.60
2	556.13
3	553.69
4	564.57
5	561.47
6	555.99
7	556.24
8	564.50
9	564.54
10	560.64
11	558.15

OW	ELEV IN FEET
1	564.03
2	567.43
3	564.58
4	564.48
5	566.00
6	564.83
7	564.72
8	564.50
9	566.20

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: RW-4, RW-5, AND RW-9 WERE OFF

300 150 0 300 600

SCALE: 1"=300'

FIGURE 3.3

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP AUGUST 1, 2001

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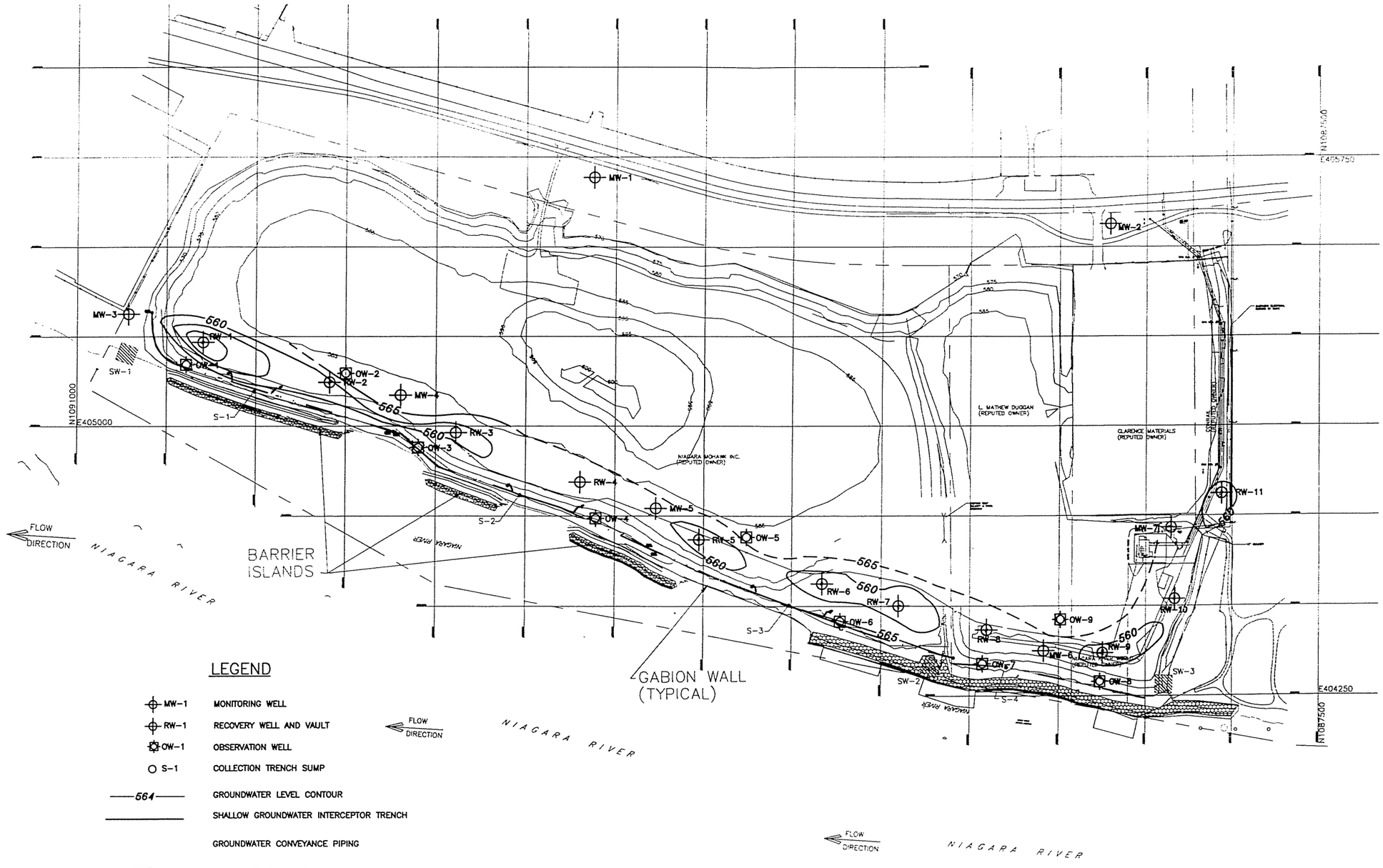

APPROXIMATE RIVER ELEVATION 564.2'

MW	ELEV IN FEET
1	565.01
2	564.68
3	564.40
4	571.56
5	564.37
6	564.05
7	564.48

RW	ELEV IN FEET
1	548.70
2	556.39
3	559.65
4	564.37
5	557.15
6	556.05
7	555.75
8	564.28
9	556.60
10	560.25
11	557.73

OW	ELEV IN FEET
1	564.04
2	569.03
3	564.80
4	564.71
5	565.64
6	565.07
7	564.97
8	564.52
9	566.26

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: RW-3, RW-4, AND RW-8 WERE OFF

300 150 0 300 600

SCALE: 1"=300'

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FIGURE 3.4

CHERRY FARM/RIVER ROAD SITE

GROUNDWATER ELEVATION CONTOUR MAP
OCTOBER 22, 2001

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

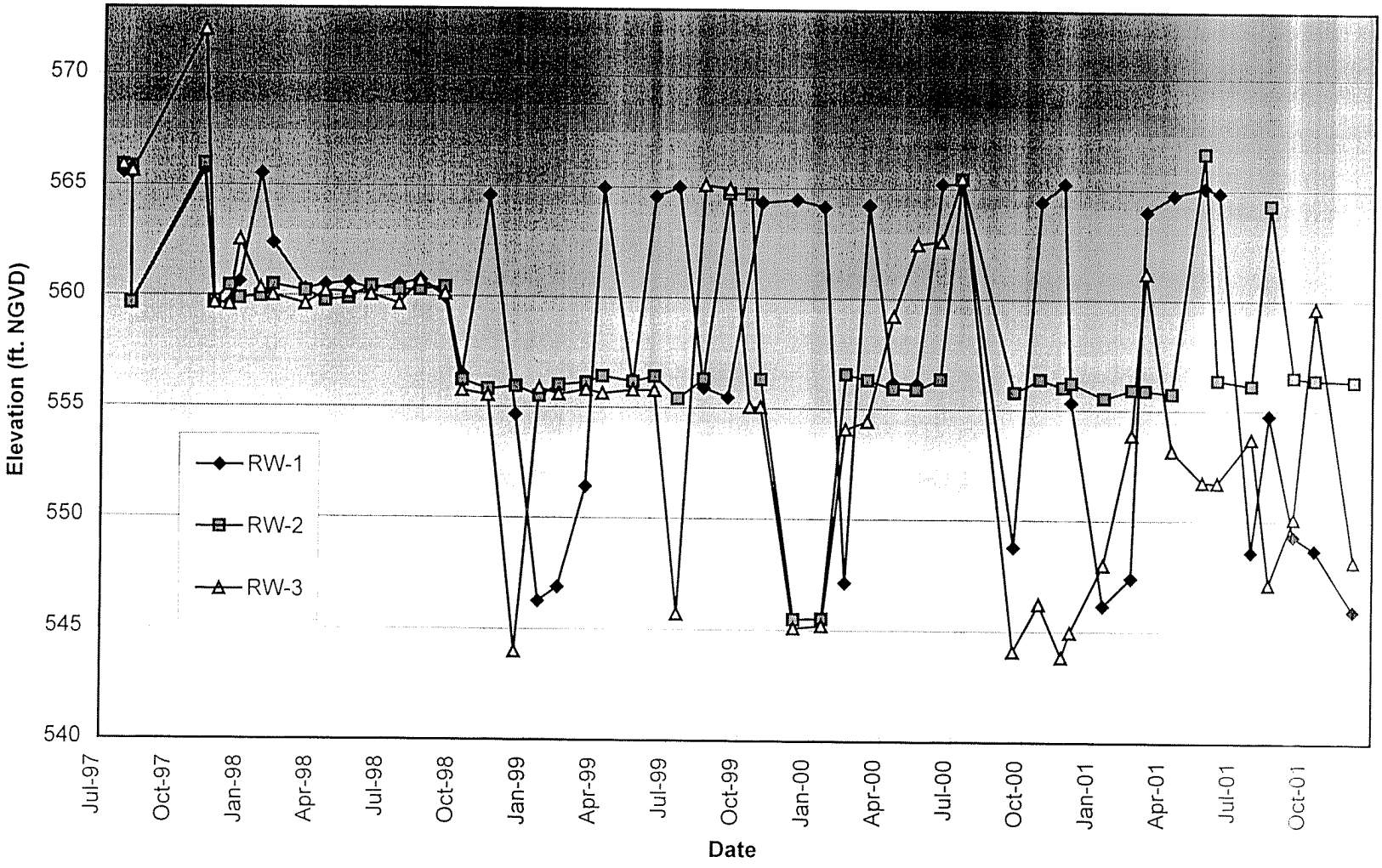


Figure 3.5b
Cherry Farm/River Road Site
Recovery Well Hydrographs (RW-4,5,6,7)

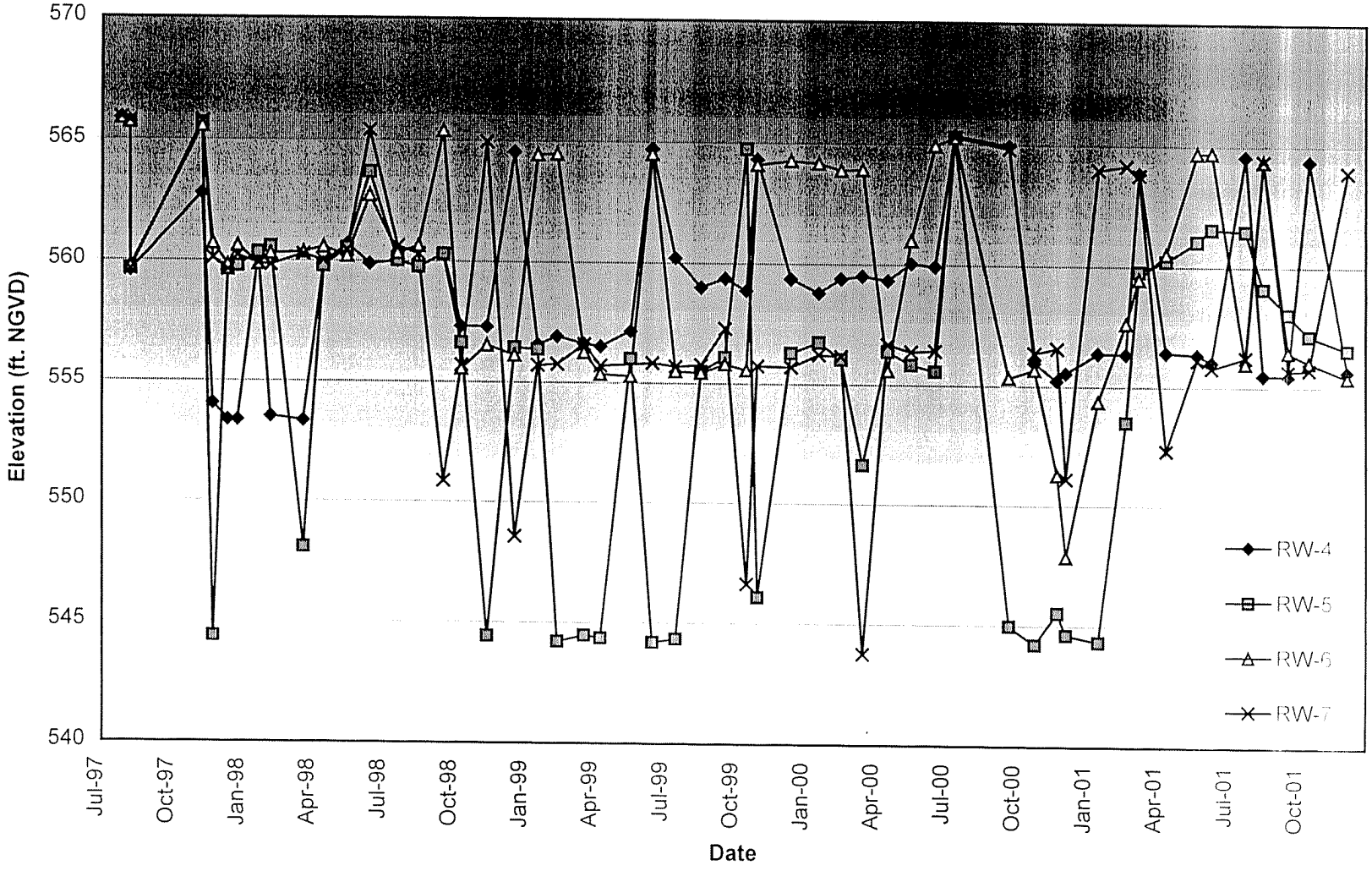


Figure 3.5c
Cherry Farm/River Road Site
Recovery Well Hydrographs (RW-8,9,10,11)

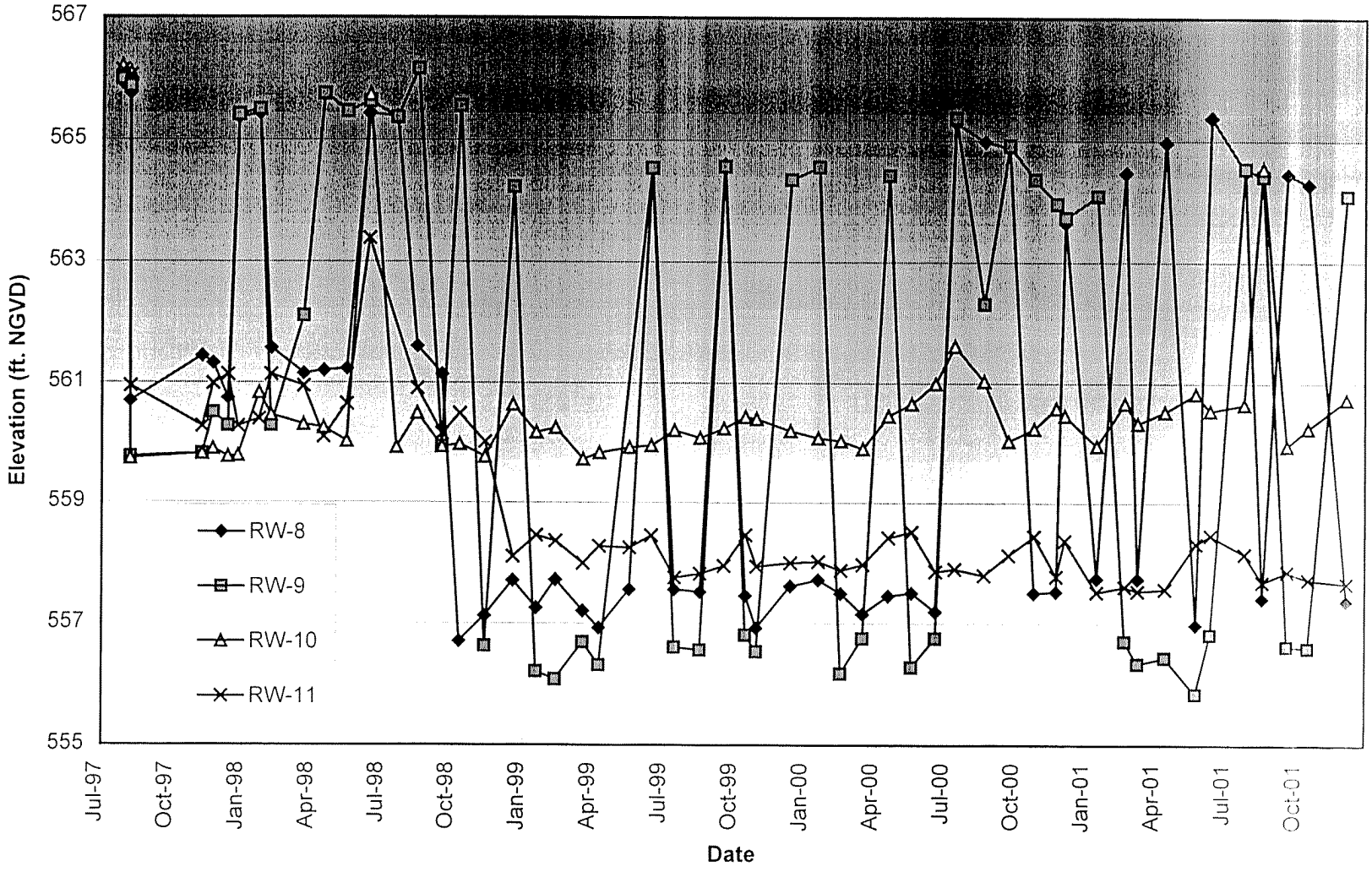


Figure 3.6a
Cherry Farm/River Road Site
Monitoring Well Hydrographs MW-1,2,3

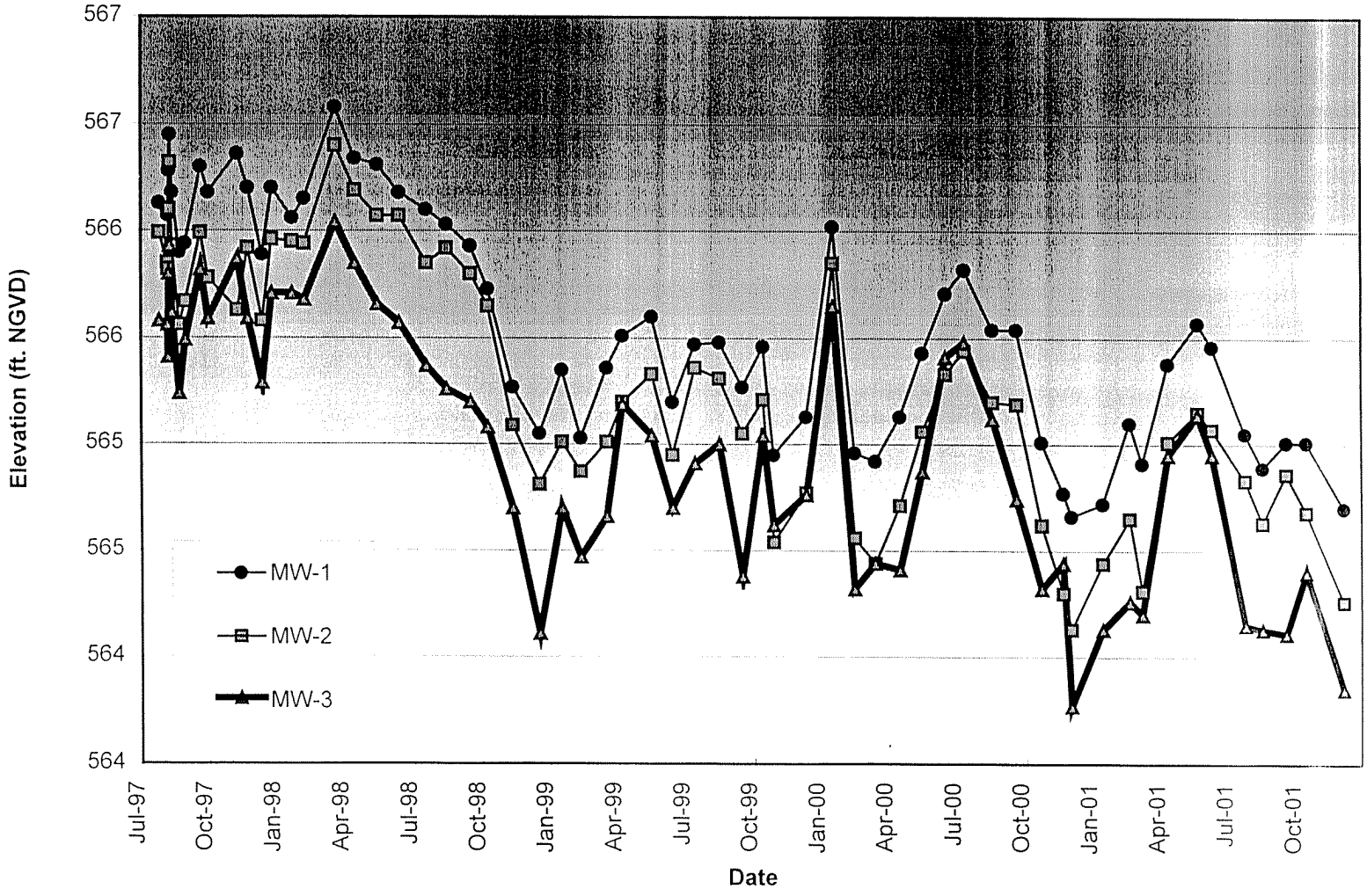


Figure 3.6b
Cherry Farm/River Road Site
Monitoring Well Hydrographs MW-4,5

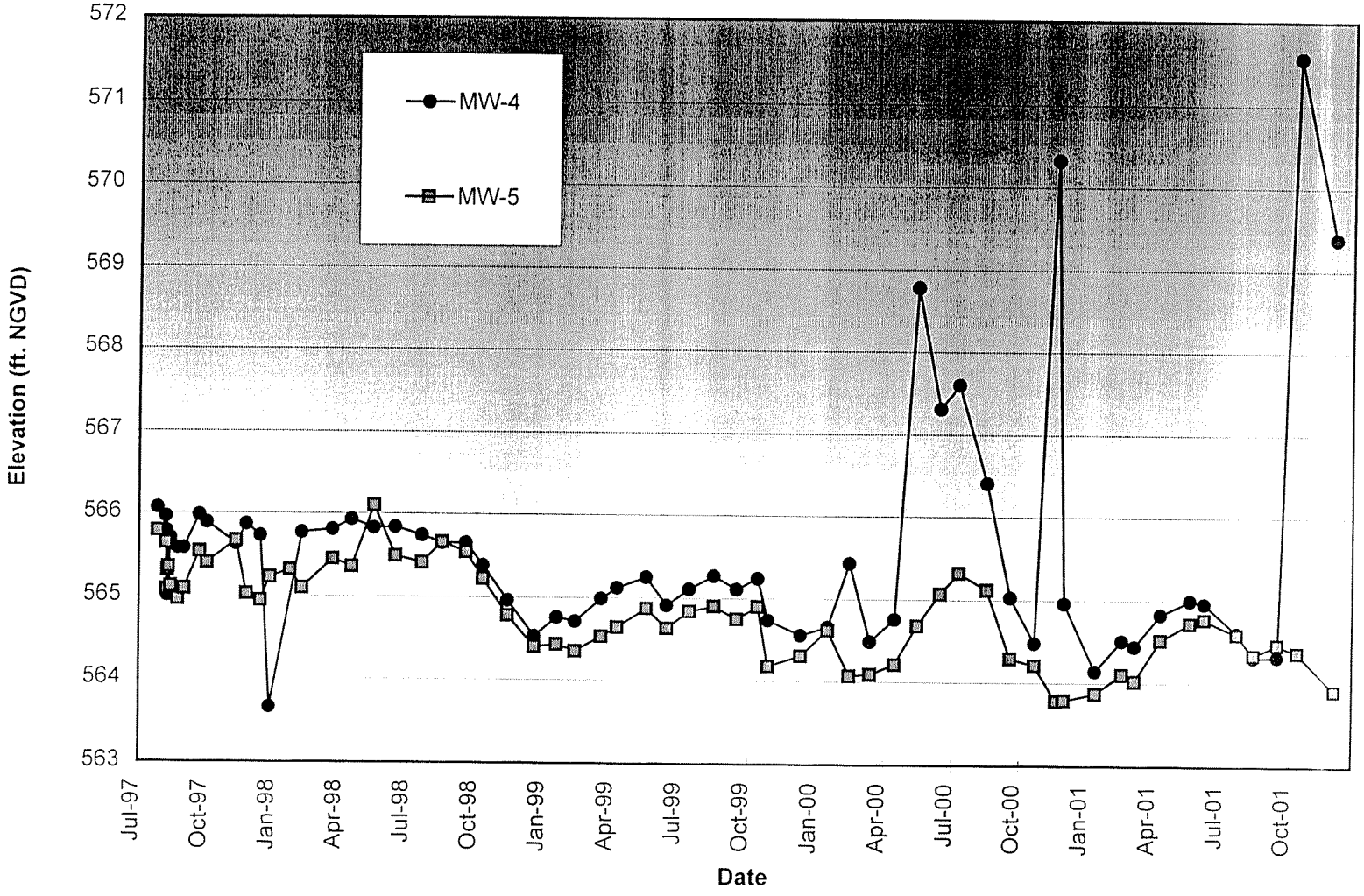


Figure 3.6c
Cherry Farm/River Road Site
Monitoring Well Hydrographs MW-6,7

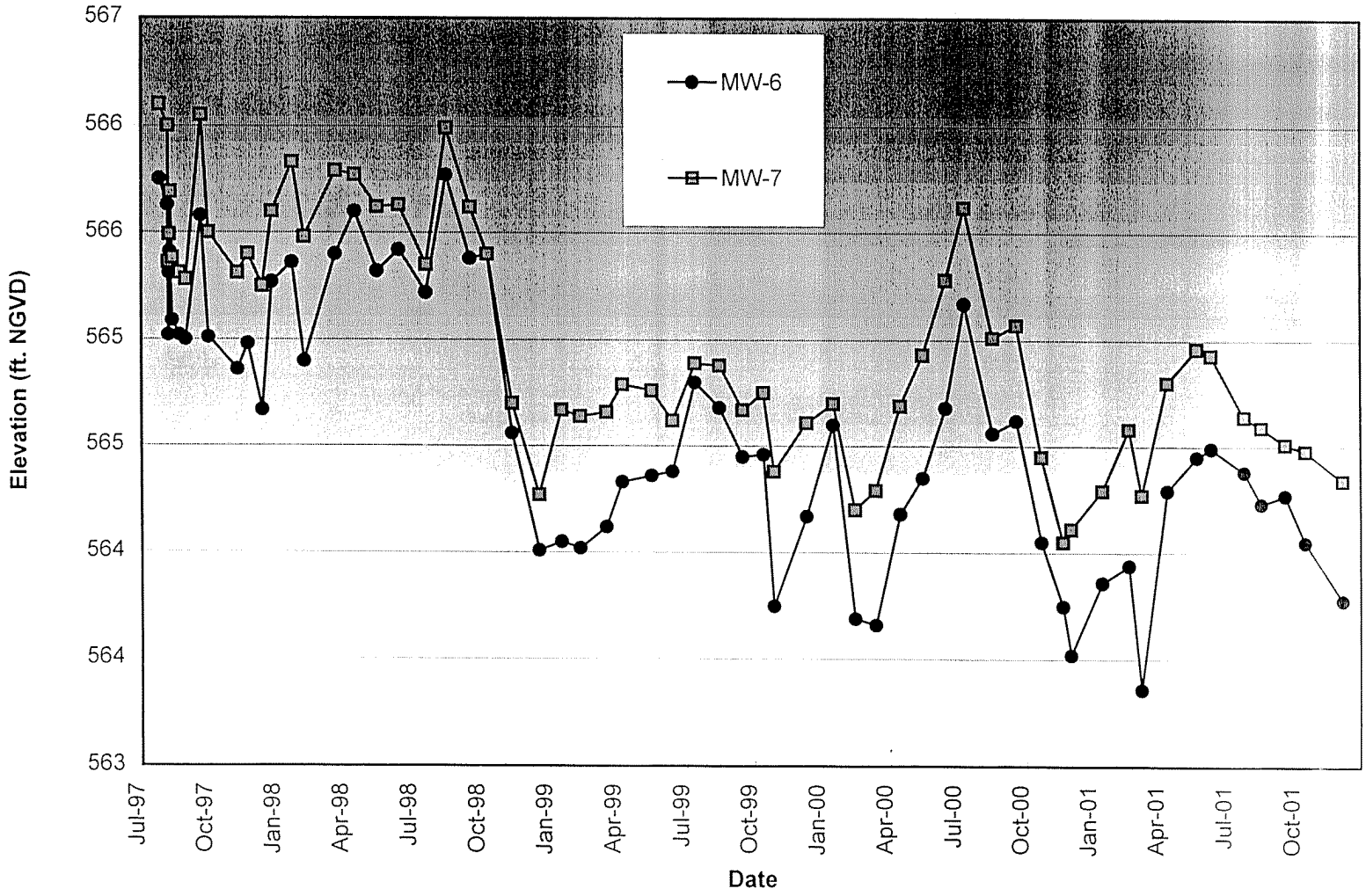


Figure 3.7
Cherry Farm/River Road Site
Sump Hydrographs (S-1,2,3,4)

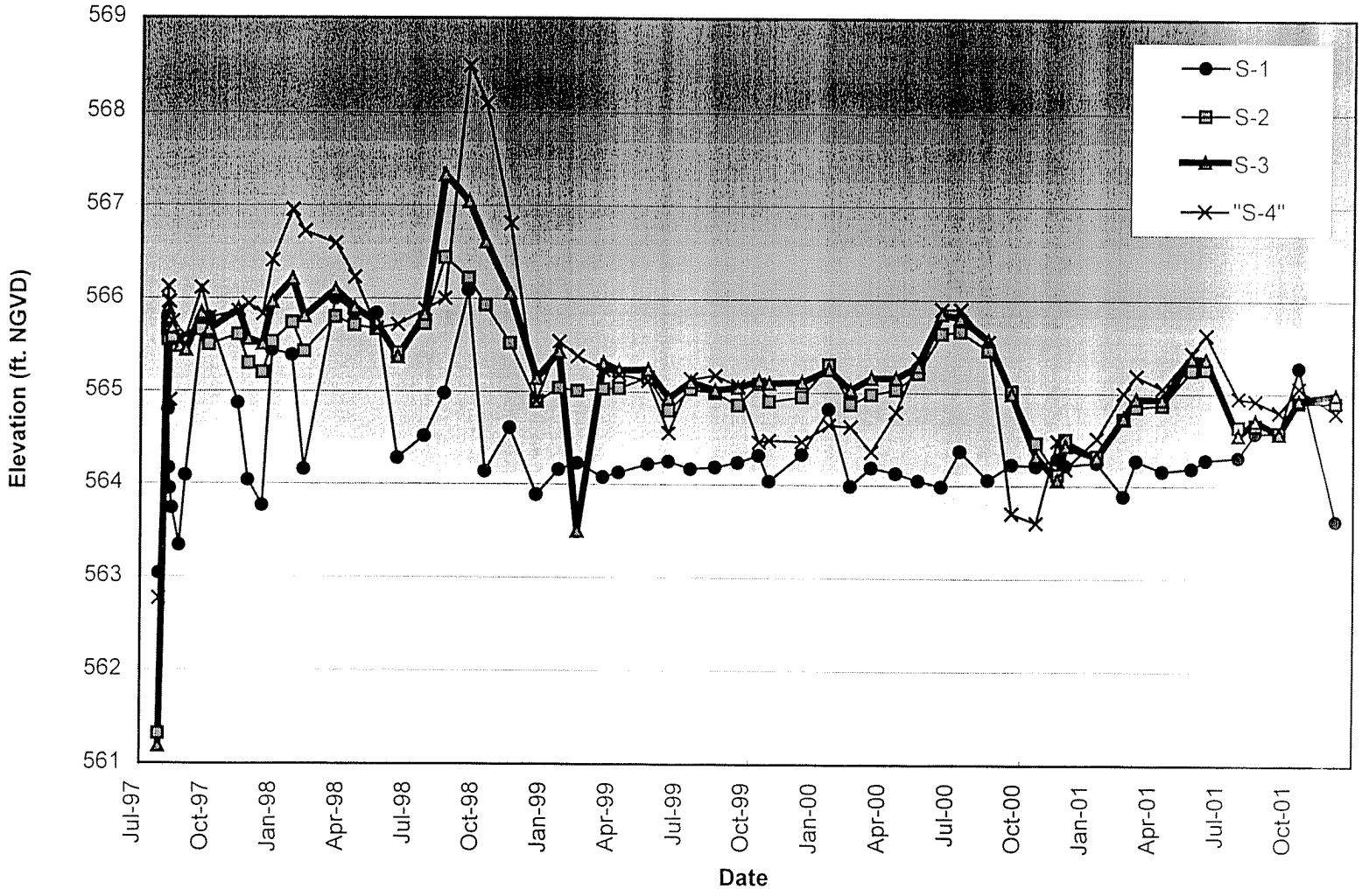


Figure 3.8a
Cherry Farm/River Road Site
Observation Well (OW-1,2,3,4) and Staff Gauge Hydrographs

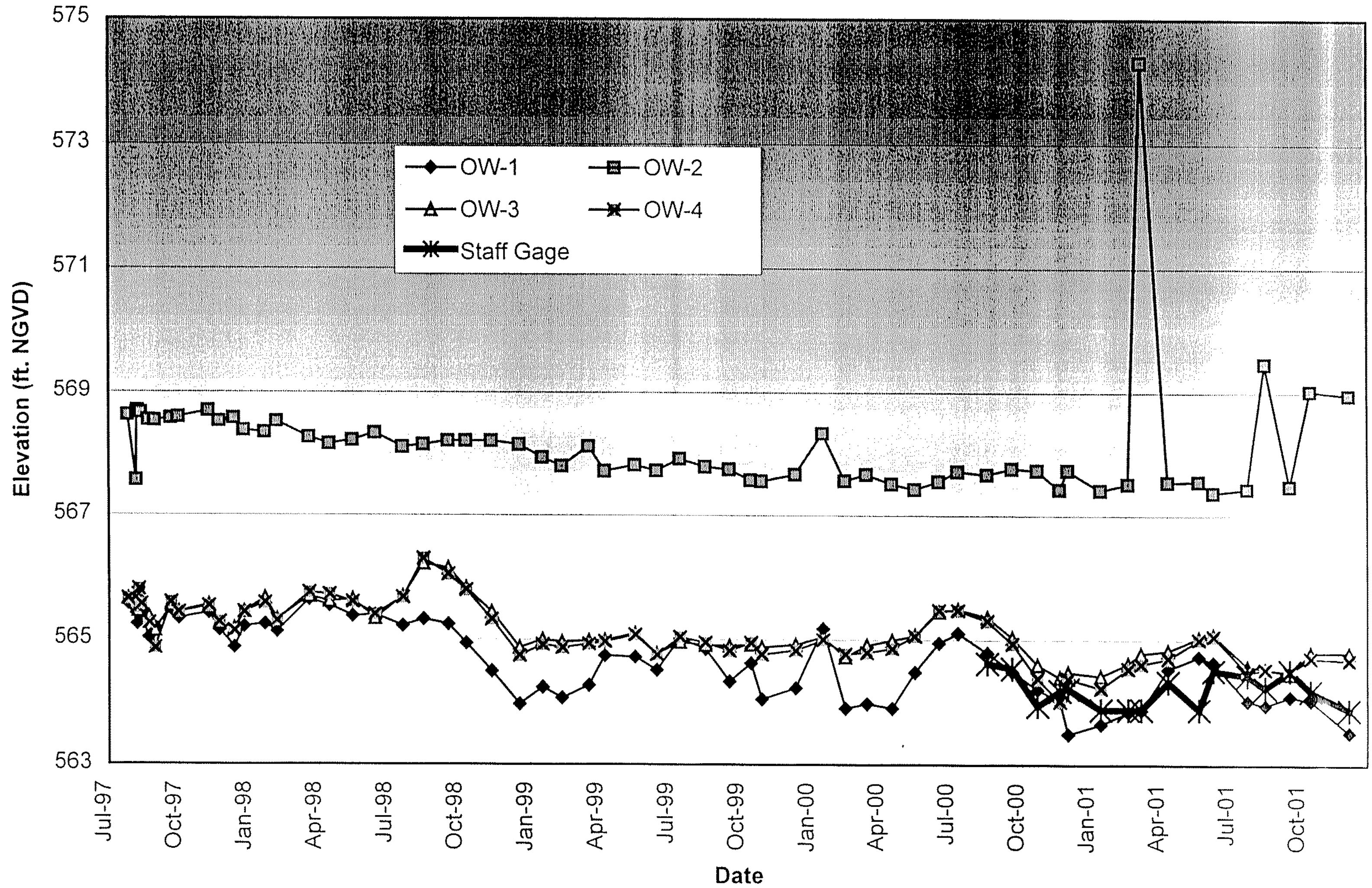


Figure 3.8b
Cherry Farm/River Road Site
Observation Well Hydrographs

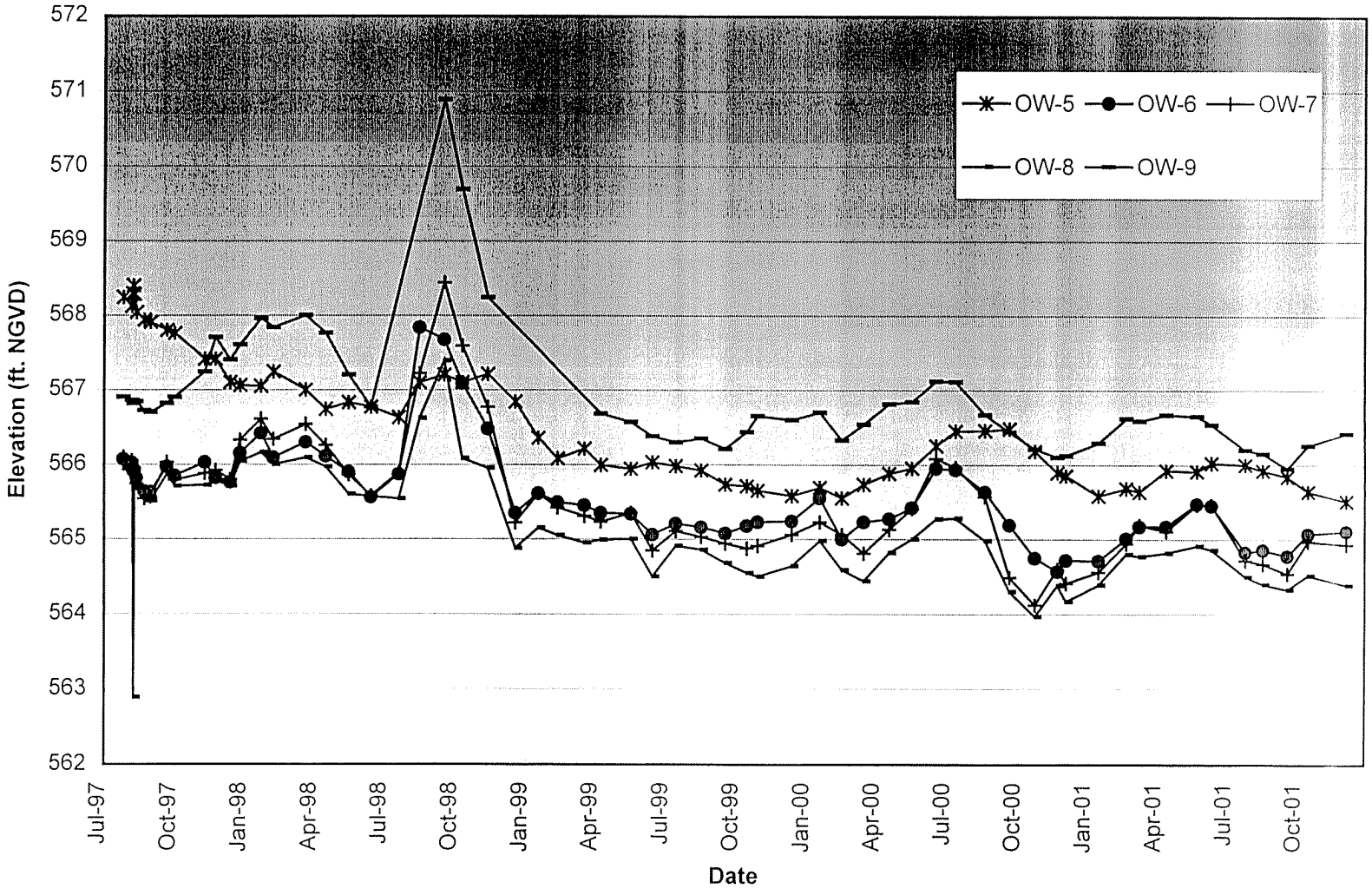


Figure 3.9a: Total VOC Concentration vs. Time in Monitoring Well Samples

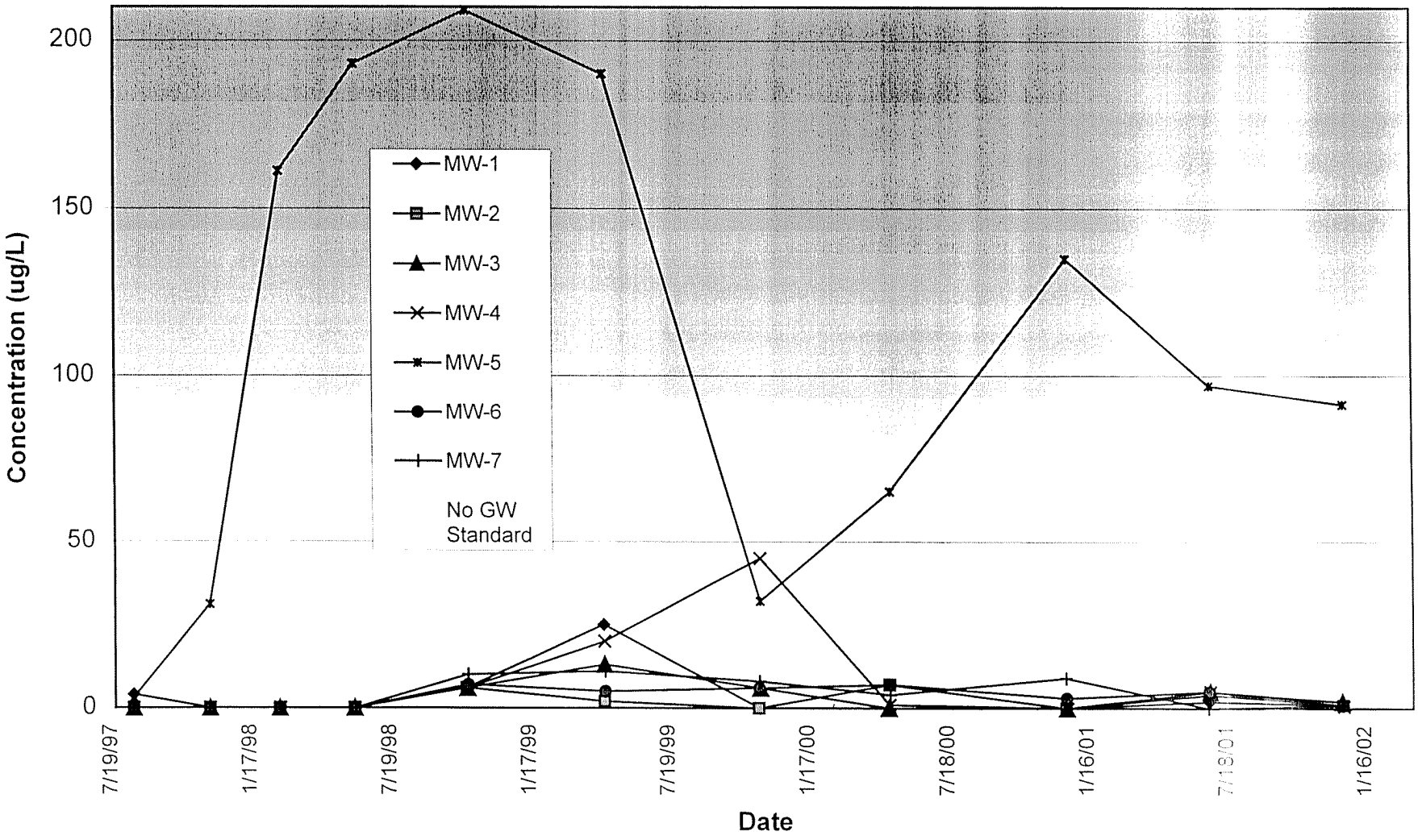


Figure 3.9b: Total SVOC Concentrations vs. Time in Monitoring Well Samples

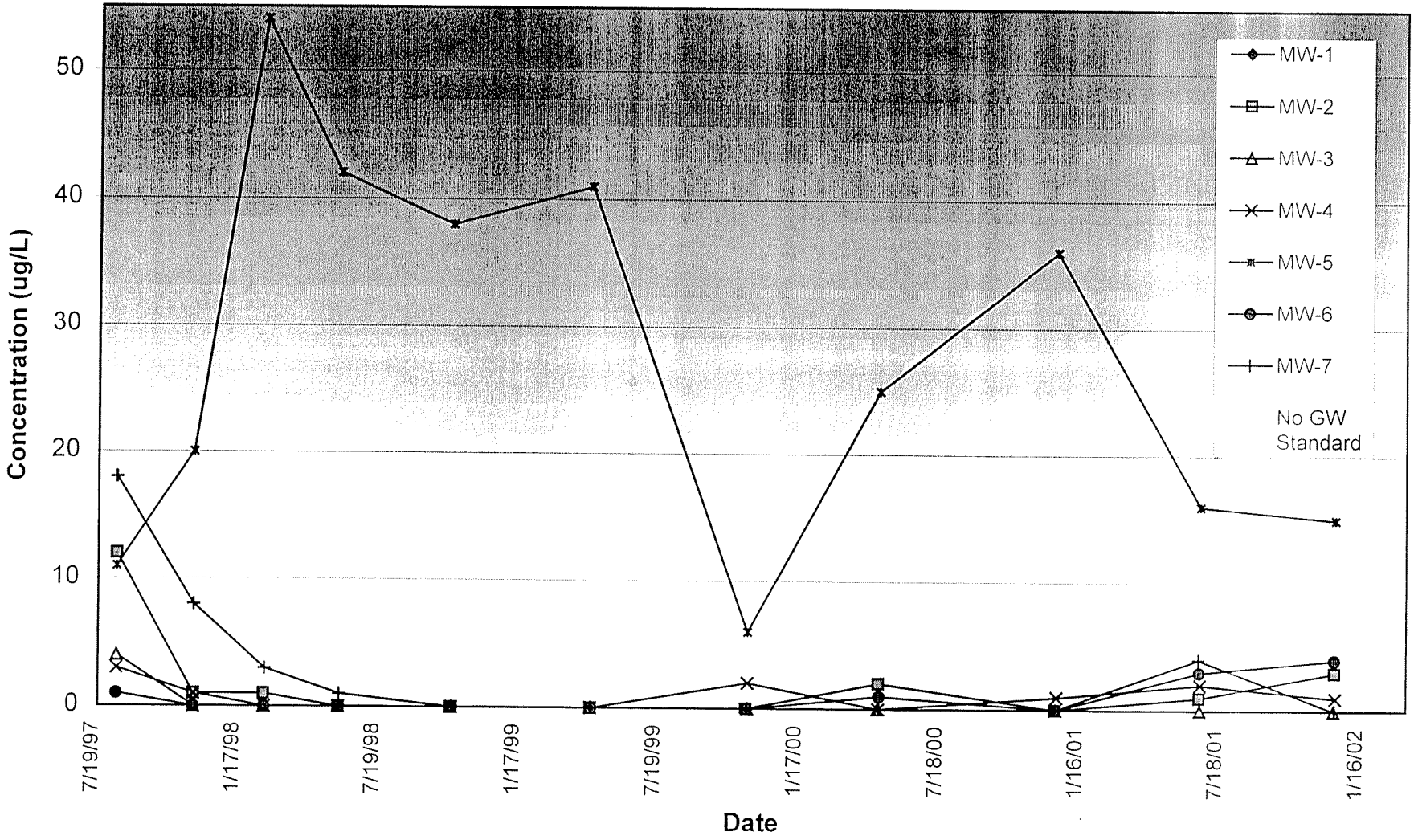


Figure 3.9c: Total VOC Concentration in Sump Samples

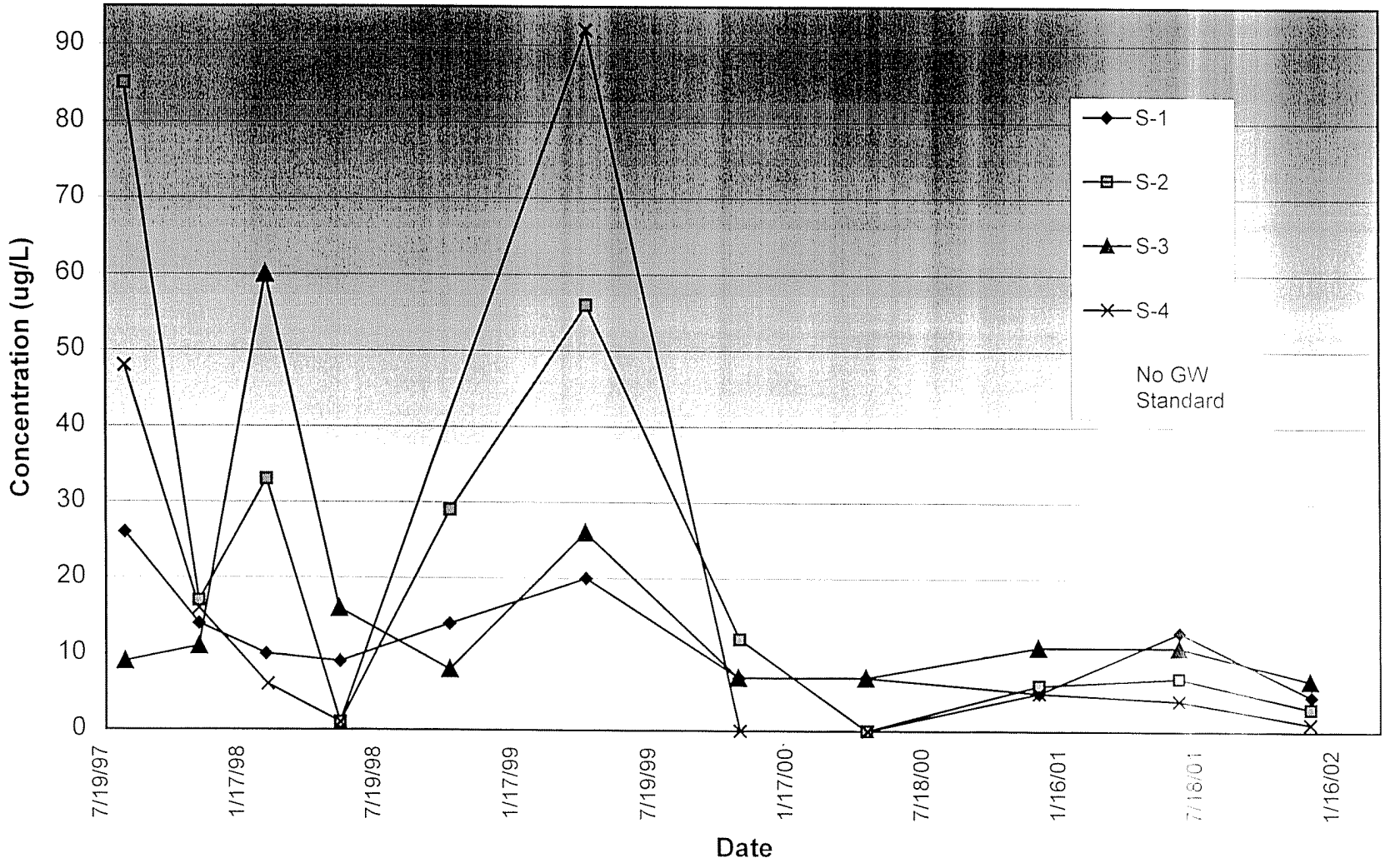


Figure 3.9d: Total SVOC Concentration in Sump Samples

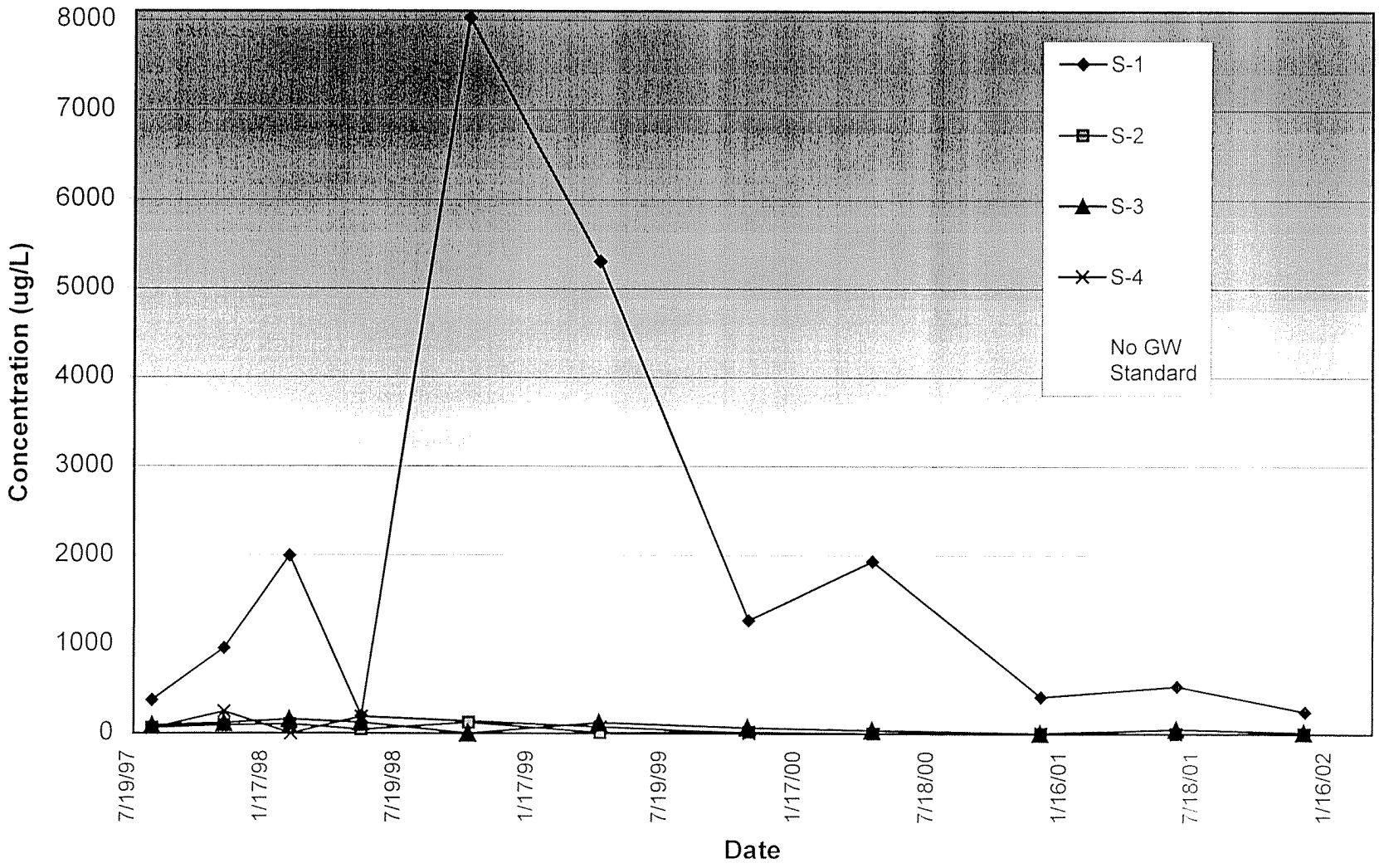


TABLE 3.1
Detected Compund Summary
Monitoring Well Samples

Cherry Farm Groundwater Analytical Data Year 2001 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3 RE	MW-3	MW-4
			Lab Sample Id:	S7281	T6808	S7278	T6914	S7325	S7325RE	T6809	S7324
			Source:	OB	OB	OB	OB	OB	OB	OB	OB
			SDG:	9259	724	9259	739	9270	9270	724	9270
			Matrix:	Water	Water	Water	Water	Water	Water	Water	Water
			Sampled:	6/19/01	12/11/01	6/19/01	12/12/01	6/20/01	6/20/01	12/11/01	6/20/01
			Validated:								
	COMPOUND		UNITS:								
	VOLATILES										
67-64-1	Acetone	50 (G)	ug/L	2 J	10 U	4 J	10 U	5 J		10 U	5 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
75-00-3	Chloroethane	5	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
75-34-3	1,1-Dichloroethane	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	1 JB	10 U	1 JB	10 U		2 JB	10 U
100-42-5	Styrene	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
	SEMIVOLATILES										
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 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	13 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	13 U
117-81-7	bis(2-Ethylhexyl)phthalat	5	ug/L	2 J	10 U	1 J	3 JB	10 U	10 U	10 U	13 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U
	PESTICIDES										
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U		0.051 U	0.052 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U		0.051 U	0.052 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U		0.051 U	0.052 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	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	0.0055 BJP		0.1 U	0.005 BJP
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	0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U		0.051 U	0.052 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.0011 JP	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	0.051 U	0.052 U		0.051 U	0.052 U
33213-65-	Endosulfan II	NS	ug/L	0.1 U	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	0.1 U	0.1 U	0.017 BJP		0.1 U	0.038 BJP
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.0069 BJP	0.1 U	0.0069 BJ	0.1 U		0.012 BJP	0.1 U
53494-70-	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	0.051 U	0.052 U		0.051 U	0.052 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U		0.051 U	0.052 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U		0.051 U	0.052 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U		0.051 U	0.052 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U	0.5 U	0.51 U	0.52 U		0.51 U	0.52 U
	PCBs										
12672-29-	Aroclor-1248	Sum PCBs	ug/L	1 U	1 U	1 U	1 U	1 U		1 U	1 U
11096-82-	Aroclor-1260	of 0.09	ug/L	1 U	1 U	1 U	1 U	1 U		1 U	1 U
	INORGANICS										
7429-90-5	Aluminum	NS	ug/L	4760	7810	16300	40100	458		1390	1090
7440-36-0	Antimony	3	ug/L	1.4 U	2.1 U	1.4 U	2.1 U	1.4 U		2.1 U	1.4 U
7440-38-2	Arsenic	25	ug/L	29.6	40.6	40.9	57.4	2.1 B		4.5 B	8 B
7440-39-3	Barium	1000	ug/L	537	821	247	492	151 B		142 B	79.6 B
7440-41-7	Beryllium	3 (G)	ug/L	0.2 B	0.41 B	0.75 B	2.1 B	0.08 U		0.21 B	0.08 U
7440-43-9	Cadmium	5	ug/L	0.24 U	0.37 U	0.24 U	1.1 B	0.24 U		0.37 U	1.8 B
7440-70-2	Calcium	NS	ug/L	232000	256000	341000	514000	127000		116000	101000
7440-47-8	Chromium	50	ug/L	60.7	19	79	102	11.2		26.8	10.5
7440-48-4	Cobalt	NS	ug/L	2.8 B	5.9 B	11.6 B	32.4 B	0.93 U		2.2 B	2.6 B
7440-50-8	Copper	200	ug/L	10.3 B	17 B	40.8	96.1	0.92 B		3.9 B	2.9 B
7439-89-6	Iron	300	ug/L	16500	22700	40500	83100	15000		16700	7080
7439-92-1	Lead	25	ug/L	4.8	8.5	30.3	71.2	0.66 U		3.2	3 B
7439-95-4	Magnesium	35000 (G)	ug/L	55900	66000	97000	153000	32900		31200	28300
7439-96-5	Manganese	300	ug/L	208	387	777	2060	512		520	1840
7440-02-0	Nickel	100	ug/L	30.7 B	19 B	53.7	90	6 B		14.2 B	8.1 B
7440-09-7	Potassium	NS	ug/L	3280 B	3820 B	5870	11300	10500		7790	2870 B
7782-49-2	Selenium	10	ug/L	1.8 U	2.2 U	1.8 U	2.8 B	1.8 U		2.2 U	1.8 U
7440-22-4	Silver	50	ug/L	0.73 U	1 U	0.73 U	1 U	0.73 U		1 U	0.73 U
7440-23-5	Sodium	20000	ug/L	40500	42100	15300	17700	66500		62800	42400
7440-28-0	Thallium	.5 (G)	ug/L	3.6 U	5.1 U	3.6 U	5.3 B	3.6 U		5.1 U	3.6 U
7440-62-2	Vanadium	NS	ug/L	9.1 B	15.9 B	31.8 B	81.5	4.4 B		6.2 B	6.5 B
7440-66-6	Zinc	2000 (G)	ug/L	26.6	46.2	113	277	7 B		28.1	20.1
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U	10 U		12.5	10 U

TABLE 3.1
Detected Compund Summary
Monitoring Well Samples

Cherry Farm Groundwater Analytical Data Year 2001 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-4 RE S7324RE OB 9270 Water 6/20/01	MW-4 T7107 OB 764 Water 12/13/01	MW-5 S7323 OB 9270 Water 6/20/01	MW-5 RE S7323RE OB 9270 Water 6/20/01	MW-5 T7108 OB 764 Water 12/13/01	MW-5 RE T7108RE OB 764 Water 12/13/01	MW-6 S7280 OB 9259 Water 6/19/01	MW-6 T6911 OB 739 Water 12/12/01
	COMPOUND		UNITS:								
	VOLATILES										
67-64-1	Acetone	50 (G)	ug/L		10 U	6 J		10 U		5 J	10 U
71-43-2	Benzene	1	ug/L		10 U	57		63		10 U	10 U
78-93-3	2-Butanone	50	ug/L		10 U	10 U		10 U		10 U	10 U
75-00-3	Chloroethane	5	ug/L		10 U	2 J		10 U		10 U	10 U
74-87-3	Chloromethane	5	ug/L		10 U	2 J		10 U		10 U	10 U
75-34-3	1,1-Dichloroethane	5	ug/L		10 U	10 U		10 U		10 U	10 U
100-41-4	Ethylbenzene	5	ug/L		10 U	6 J		4 J		10 U	10 U
75-09-2	Methylene chloride	5	ug/L		0.6 JB	10 U		0.7 JB		10 U	1 JB
100-42-5	Styrene	5	ug/L		10 U	10 U		0.8 J		10 U	10 U
108-88-3	Toluene	5	ug/L		10 U	6 J		4 J		10 U	10 U
1330-20-7	Xylene (total)	5	ug/L		10 U	18		19		10 U	10 U
	SEMIVOLATILES										
83-32-9	Acenaphthene	20 (G)	ug/L	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	13 U	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	13 U	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	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalat	5	ug/L	13 U	1 JB	10 U	10 U	2 JB	1 JB	3 J	1 JB
218-01-9	Chrysene	0.002 (G)	ug/L	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	13 U	10 U	9 J	8 J	9 J	8 J	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	1 J	10 U	3 J	3 J	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	13 U	10 U	1 J	2 J	1 J	1 J	10 U	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	13 U	10 U	2 J	2 J	3 J	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	13 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	PESTICIDES										
319-84-6	alpha-BHC	0.01	ug/L		0.05 U	0.052 U		0.052 U		0.052 U	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L		0.05 U	0.052 U		0.0011 JP		0.052 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L		0.05 U	0.052 U		0.052 U		0.052 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
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
50-29-3	4,4'-DDT	0.2	ug/L		0.1 U	0.1 U		0.0037 JP		0.0033 JP	0.1 U
319-86-8	delta-BHC	0.04	ug/L		0.05 U	0.052 U		0.052 U		0.052 U	0.051 U
60-57-1	Dieldrin	0.004	ug/L		0.0074 BJP	0.1 U		0.012 BJ		0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L		0.05 U	0.052 U		0.052 U		0.052 U	0.051 U
33213-65-	Endosulfan II	NS	ug/L		0.0011 JP	0.1 U		0.00076 JP		0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L		0.1 U	0.1 U		0.1 U		0.1 U	0.1 U
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		0.015 BJP	0.1 U		0.0088 BJP		0.1 U	0.01 BJP
53494-70-	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		0.05 U	0.052 U		0.052 U		0.052 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L		0.0043 JP	0.052 U		0.018 JP		0.052 U	0.051 U
76-44-8	Heptachlor	0.04	ug/L		0.0049 J	0.052 U		0.0054 JP		0.052 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.0032 JP	0.052 U		0.002 JP		0.052 U	0.051 U
72-43-5	Methoxychlor	35	ug/L		0.5 U	0.52 U		0.52 U		0.52 U	0.51 U
	PCBs										
12672-29-	Aroclor-1248	Sum PCBs	ug/L		1 U	1 U		1 U		1 U	1 U
11096-82-	Aroclor-1260	of 0.09	ug/L		1 U	1 U		1 U		1 U	1 U
	INORGANICS										
7429-90-5	Aluminum	NS	ug/L		2980	346		801		263	160 B
7440-36-0	Antimony	3	ug/L		2.1 U	1.4 U		2.1 U		1.4 U	2.1 U
7440-38-2	Arsenic	25	ug/L		26.6	7.5 B		11.5		1.6 U	2.1 U
7440-39-3	Barium	1000	ug/L		118 B	172 B		193 B		154 B	149 B
7440-41-7	Beryllium	3 (G)	ug/L		0.26 B	0.08 U		0.24 B		0.08 U	0.11 B
7440-43-9	Cadmium	5	ug/L		2.3 B	0.24 U		0.4 B		0.24 U	0.37 U
7440-70-2	Calcium	NS	ug/L		114000	68700		62400		254000	235000
7440-47-8	Chromium	50	ug/L		17.7	15.6		19		6.1 B	6.8 B
7440-48-4	Cobalt	NS	ug/L		4 B	0.93 U		1.8 B		0.93 U	0.72 U
7440-50-8	Copper	200	ug/L		5.6 B	10 B		16.8 B		1.8 B	0.46 U
7439-89-6	Iron	300	ug/L		17600	12200		14900		66600	54000
7439-92-1	Lead	25	ug/L		8.7	4.2		8.2		0.66 U	1.6 B
7439-95-4	Magnesium	35000 (G)	ug/L		31400	19700		19500		61500	49500
7439-96-5	Manganese	300	ug/L		1530	178		231		4620	4190
7440-02-0	Nickel	100	ug/L		10.1 B	6.7 B		8.6 B		0.71 U	1.4 B
7440-09-7	Potassium	NS	ug/L		5110	22600		32700		31300	51800
7782-49-2	Selenium	10	ug/L		2.2 U	1.8 U		2.2 B		2.7 B	2.2 U
7440-22-4	Silver	50	ug/L		1 U	0.73 U		1 U		0.73 U	1 U
7440-23-5	Sodium	20000	ug/L		115000	85800		94700		70000	66400
7440-28-0	Thallium	.5 (G)	ug/L		5.1 U	3.6 U		5.1 U		3.6 U	5.1 U
7440-62-2	Vanadium	NS	ug/L		12.7 B	6.3 B		9.3 B		1.6 B	1.8 B
7440-66-6	Zinc	2000 (G)	ug/L		36.1	10.3 B		12.4 B		8.6 B	5.6 B
57-12-5	Cyanide	200	ug/L		10 U	23.3		38.7		11.7	10 U

TABLE 3.1
Detected Compund Summary
Monitoring Well Samples

Cherry Farm Groundwater Analytical Data Year 2001 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled Validated:	MW-6 dup T6912 OB 739 Water 12/12/01	MW-7 S7277 OB 9259 Water 6/18/01	MW-7 T6913 OB 739 Water 12/12/01	MW-8 S7276 OB 9259 Water 6/18/01
	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	10 U
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
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	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
75-09-2	Methylene chloride	5	ug/L	1 JB	10 U	0.9 JB	10 U
100-42-5	Styrene	5	ug/L	10 U	10 U	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
	SEMIVOLATILES						
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U	10 U
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)phthalat	5	ug/L	4 JB	4 J	10 U	10 U
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	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U
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
85-01-8	Phenanthrene	50 (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	10 U	10 U	10 U
	PESTICIDES						
319-84-6	alpha-BHC	0.01	ug/L	0.051 U	0.05 U	0.051 U	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U	0.05 U	0.051 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.0043 J	0.05 U	0.051 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
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.003 BJP	0.1 U	0.0024 BJP
50-29-3	4,4'-DDT	0.2	ug/L	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	0.051 U	0.05 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.0027 J	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.051 U	0.05 U	0.051 U	0.05 U
33213-65-	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	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.011 BJP	0.1 U	0.021 BJ	0.1 U
53494-70-	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	0.051 U	0.05 U	0.0039 J	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.0029 JP	0.05 U	0.051 U	0.05 U
76-44-8	Heptachlor	0.04	ug/L	0.051 U	0.05 U	0.051 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U	0.05 U	0.051 U	0.05 U
72-43-5	Methoxychlor	35	ug/L	0.51 U	0.5 U	0.51 U	0.5 U
	PCBs						
12672-29-	Aroclor-1248	Sum PCBs	ug/L	1 U	1 U	1 U	1 U
11096-82-	Aroclor-1260	of 0.09	ug/L	1 U	1 U	1 U	1 U
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	153 B	79.1 B	265	83.8 B
7440-36-0	Antimony	3	ug/L	2.1 U	1.4 U	2.1 U	1.4 U
7440-38-2	Arsenic	25	ug/L	2.1 U	15.5	25	15.6
7440-39-3	Barium	1000	ug/L	147 B	374	388	372
7440-41-7	Beryllium	3 (G)	ug/L	0.13 B	0.08 U	0.11 B	0.31 B
7440-43-9	Cadmium	5	ug/L	0.37 U	0.24 U	0.62 B	0.49 B
7440-70-2	Calcium	NS	ug/L	233000	107000	112000	108000
7440-47-8	Chromium	50	ug/L	6.7 B	6.6 B	8.7 B	6.7 B
7440-48-4	Cobalt	NS	ug/L	0.72 U	0.93 U	1.5 B	0.93 U
7440-50-8	Copper	200	ug/L	0.46 U	0.49 U	0.46 U	1.2 B
7439-89-6	Iron	300	ug/L	52500	25100	30700	24300
7439-92-1	Lead	25	ug/L	1.5 U	0.66 U	1.5 U	0.66 U
7439-95-4	Magnesium	35000 (G)	ug/L	48700	14800	13700	14900
7439-96-5	Manganese	300	ug/L	4100	292	344	290
7440-02-0	Nickel	100	ug/L	1.3 U	2.6 B	4 B	2.6 B
7440-09-7	Potassium	NS	ug/L	50700	13100	16700	12600
7782-49-2	Selenium	10	ug/L	2.5 B	1.8 U	2.2 U	1.8 U
7440-22-4	Silver	50	ug/L	1 U	0.73 U	1 U	0.73 U
7440-23-5	Sodium	20000	ug/L	65100	23500	24800	23400
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U	3.6 U	5.1 U	3.6 U
7440-62-2	Vanadium	NS	ug/L	1.2 B	1.2 B	1.7 B	1.4 B
7440-66-6	Zinc	2000 (G)	ug/L	1.4 U	10 B	20.2	8.4 B
57-12-5	Cyanide	200	ug/L	10.2	10 U	10.2	10 U

TABLE 3.2
Detected Compund Summary
Sump Samples

Cherry Farm Groundwater Analytical Data Year 2001 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-1	S-1DL	S-1	S-1DL	S-2	S-2 RE	S-2
			Lab Sample Id:	S7322	S7322DL	T7106	T7106DL	S7283	S7283RE	T6915
			Source:	OB	OB	OB	OB	OB	OB	OB
			SDG:	9270	9270	764	764	9259	9259	739
			Matrix:	Water	Water	Water	Water	Water	Water	Water
			Sampled:	6/20/01	6/20/01	12/13/01	12/13/01	6/19/01	6/19/01	12/12/01
			Validated:							
	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/L	12		4 J		7 J		10 U
71-43-2	Benzene	1	ug/L	10 U		10 U		10 U		10 U
78-93-3	2-Butanone	50	ug/L	3 J		10 U		10 U		10 U
75-00-3	Chloroethane	5	ug/L	1 J		10 U		10 U		10 U
74-87-3	Chloromethane	5	ug/L	2 J		10 U		10 U		10 U
75-34-3	1,1-Dichloroethane	5	ug/L	10 U		10 U		10 U		2 J
100-41-4	Ethylbenzene	5	ug/L	10 U		10 U		10 U		10 U
75-09-2	Methylene chloride	5	ug/L	1 J		0.6 JB		10 U		1 JB
100-42-5	Styrene	5	ug/L	10 U		10 U		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
	SEMIVOLATILES									
83-32-9	Acenaphthene	20 (G)	ug/L	220 U		100 U		10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	52 JD		29 JD		10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	30 JD		19 JD		10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	68 JD		34 JD		10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	25 JD		100 U		10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalat	5	ug/L	55 JD		29 JBD		2 J	10 U	1 JB
218-01-9	Chrysene	0.002 (G)	ug/L	43 JD		19 JD		10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	220 U		100 U		10 U	10 U	1 J
206-44-0	Fluoranthene	50 (G)	ug/L	89 JD		51 JD		10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	220 U		100 U		10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	220 U		100 U		10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	220 U		100 U		10 U	10 U	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	220 U		100 U		10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	220 U		100 U		10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	170 JD		69 JD		10 U	10 U	10 U
	PESTICIDES									
319-84-6	alpha-BHC	0.01	ug/L	0.27 U	2.7 U	0.11 JP	0.11 JPD	0.051 U		0.052 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.27 U	2.7 U	0.26 U	2.6 U	0.051 U		0.052 U
319-85-7	beta-BHC	0.04	ug/L	0.27 U	2.7 U	0.26 U	2.6 U	0.051 U		0.0074 JP
72-54-8	4,4'-DDD	0.3	ug/L	0.068 JP	0.097 JPD	0.52 U	5.2 U	0.1 U		0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	2.1 BP	3.5 BJPD	2.3	2.8 JPD	0.1 U		0.0027 J
50-29-3	4,4'-DDT	0.2	ug/L	0.83 P	5.3 U	0.52 U	5.2 U	0.1 U		0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.0045 JP	2.7 U	0.26 U	2.6 U	0.051 U		0.052 U
60-57-1	Dieldrin	0.004	ug/L	0.53 U	5.3 U	1.9 BP	2.7 BJPD	0.018 JP		0.014 JP
959-98-8	Endosulfan I	NS	ug/L	0.62 P	0.8 JPD	0.33 P	0.39 JPD	0.051 U		0.018 J
33213-65-	Endosulfan II	NS	ug/L	0.53 U	5.3 U	0.52 U	5.2 U	0.1 U		0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.17 JP	5.3 U	0.52 U	5.2 U	0.1 U		0.1 U
72-20-8	Endrin	ND	ug/L	0.31 BJP	0.44 BJPD	0.68 P	1 JPD	0.022 JP		0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.82 P	0.37 JPD	0.71 BP	0.9 BJPD	0.1 U		0.0087 BJP
53494-70-	Endrin ketone	5	ug/L	0.53 U	5.3 U	0.069 JP	5.2 U	0.1 U		0.0097 JP
58-89-9	gamma-BHC	0.05	ug/L	0.27 U	2.7 U	0.28 P	2.6 U	0.051 U		0.052 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.27 U	2.7 U	1.2 P	2 JPD	0.051 U		0.052 U
76-44-8	Heptachlor	0.04	ug/L	0.27 U	2.7 U	0.26 U	1.9 JPD	0.051 U		0.052 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.27 U	2.7 U	0.26 U	2.6 U	0.051 U		0.0038 JP
72-43-5	Methoxychlor	35	ug/L	2.7 U	0.52 JPD	0.35 JP	0.7 JPD	0.51 U		0.52 U
	PCBs									
12672-29-	Aroclor-1248	Sum PCBs	ug/L	150 P	250 PD	110	150 D	1 U		1 U
11096-82-	Aroclor-1260	of 0.09	ug/L	88 EP	130 PD	53	67 D	1 U		1 U
	INORGANICS									
7429-90-5	Aluminum	NS	ug/L	3290		18300		85.6 B		309
7440-36-0	Antimony	3	ug/L	1.4 U		2.1 U		3 B		3.1 B
7440-38-2	Arsenic	25	ug/L	7.8 B		13.2		1.6 U		5 B
7440-39-3	Barium	1000	ug/L	313		1080		44.7 B		48.4 B
7440-41-7	Beryllium	3 (G)	ug/L	0.15 B		2.5 B		0.08 U		0.1 U
7440-43-9	Cadmium	5	ug/L	0.24 U		0.37 B		0.24 U		0.37 U
7440-70-2	Calcium	NS	ug/L	111000		470000		109000		135000
7440-47-8	Chromium	50	ug/L	7.6 B		48.8		0.94 U		1.4 B
7440-48-4	Cobalt	NS	ug/L	1.7 B		25.3 B		0.93 U		1.1 B
7440-50-8	Copper	200	ug/L	7.7 B		11.5 B		0.7 B		0.88 B
7439-89-6	Iron	300	ug/L	15400		105000		92.8 B		52.1 B
7439-92-1	Lead	25	ug/L	15.2		23.1		0.66 U		1.5 U
7439-95-4	Magnesium	35000 (G)	ug/L	13900		33900		469 B		80.7 B
7439-96-5	Manganese	300	ug/L	1830		6640		7.2 B		1.8 U
7440-02-0	Nickel	100	ug/L	12.4 B		102		1.8 B		3.7 B
7440-09-7	Potassium	NS	ug/L	23900		25300		47200		49400
7782-49-2	Selenium	10	ug/L	1.8 U		3.4 B		3.4 B		4.5 B
7440-22-4	Silver	50	ug/L	0.73 U		1 U		0.73 U		1 B
7440-23-5	Sodium	20000	ug/L	125000		124000		68100		64100
7440-28-0	Thallium	.5 (G)	ug/L	3.6 U		5.1 U		3.6 U		5.1 U
7440-62-2	Vanadium	NS	ug/L	8.2 B		63.5		19 B		24.8 B
7440-66-6	Zinc	2000 (G)	ug/L	164		1340		3.5 B		2 B
57-12-5	Cyanide	200	ug/L	10 U		12.6		50.3		40.5

TABLE 3.2
Detected Compund Summary
Sump Samples

Cherry Farm Groundwater Analytical Data Year 2001 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-3	S-3	S-4	S-4
			Lab Sample Id:	S7282	T6807	S7279	T6910
			Source:	OB	OB	OB	OB
			SDG:	9259	724	9259	739
			Matrix:	Water	Water	Water	Water
			Sampled:	6/19/01	12/11/01	6/19/01	12/12/01
			Validated:				
	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	4 J	10 U	4 J	10 U
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
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	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
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	2 JB	10 U	1 JB
100-42-5	Styrene	5	ug/L	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	1 J	0.7 J	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	4 J	2 J	10 U	10 U
	SEMIVOLATILES						
83-32-9	Acenaphthene	20 (G)	ug/L	1 J	10 U	10 U	10 U
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)phthalat	5	ug/L	10 U	10 U	4 J	10 U
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	**14**	**10**	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	**10**	10 U	10 U	10 U
106-44-5	4-Methylphenol	1	ug/L	**22**	**3 J**	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	5 J	4 J	10 U	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	1 J	1 J	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	10 U	10 U	10 U
	PESTICIDES						
319-84-6	alpha-BHC	0.01	ug/L	0.051 U	0.051 U	0.05 U	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 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	0.05 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
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.1 U	0.0028 BJP	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.0058 J	0.1 U	0.1 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U	0.051 U	0.05 U	0.051 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	**0.018 J**	0.1 U	0.0037 JP
959-98-8	Endosulfan I	NS	ug/L	0.051 U	0.0038 JP	0.05 U	0.051 U
33213-65-	Endosulfan II	NS	ug/L	0.008 JP	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	0.1 U	**0.012 JP**	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.011 BJP	0.1 U	0.011 BJP
53494-70-	Endrin ketone	5	ug/L	0.1 U	0.003 JP	0.1 U	0.1 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U	0.051 U	0.05 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.012 JP	0.05 U	0.051 U
76-44-8	Heptachlor	0.04	ug/L	0.051 U	0.0017 JP	0.05 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U	0.002 JP	0.05 U	0.00066 JP
72-43-5	Methoxychlor	35	ug/L	0.51 U	0.51 U	0.5 U	0.51 U
	PCBs						
12672-29-	Aroclor-1248	Sum PCBs	ug/L	1 U	1 U	1 U	1 U
11096-82-	Aroclor-1260	of 0.09	ug/L	1 U	1 U	1 U	1 U
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	534	556	170 B	24.7 B
7440-36-0	Antimony	3	ug/L	4.6 B	**3.2 B**	1.4 U	2.1 U
7440-38-2	Arsenic	25	ug/L	3.3 B	4.2 B	1.6 U	2.6 B
7440-39-3	Barium	1000	ug/L	40 B	38.5 B	60.3 B	137 B
7440-41-7	Beryllium	3 (G)	ug/L	0.08 U	0.1 U	0.08 U	0.13 B
7440-43-9	Cadmium	5	ug/L	0.24 U	0.37 U	0.24 U	0.37 U
7440-70-2	Calcium	NS	ug/L	145000	132000	139000	208000
7440-47-8	Chromium	50	ug/L	0.94 U	0.89 U	2.5 B	11.5
7440-48-4	Cobalt	NS	ug/L	0.93 U	0.72 U	0.93 U	0.72 U
7440-50-8	Copper	200	ug/L	0.49 U	0.46 U	3.2 B	0.46 U
7439-89-6	Iron	300	ug/L	127	40.7 B	**2700**	**57300**
7439-92-1	Lead	25	ug/L	0.66 U	1.5 U	0.66 U	1.5 U
7439-95-4	Magnesium	35000 (G)	ug/L	282 B	213 B	14400	**45500**
7439-96-5	Manganese	300	ug/L	8.2 B	1.8 U	**370**	**2040**
7440-02-0	Nickel	100	ug/L	2.3 B	3.2 B	2.7 B	4 B
7440-09-7	Potassium	NS	ug/L	49900	48800	23600	34700
7782-49-2	Selenium	10	ug/L	3.6 B	4.4 B	1.8 U	2.6 B
7440-22-4	Silver	50	ug/L	0.73 U	1 U	0.73 U	1 U
7440-23-5	Sodium	20000	ug/L	**72400**	**63600**	18000	**64500**
7440-28-0	Thallium	.5 (G)	ug/L	3.6 U	5.1 U	3.6 U	5.1 U
7440-62-2	Vanadium	NS	ug/L	19.2 B	15.7 B	1.4 B	1.6 B
7440-66-6	Zinc	2000 (G)	ug/L	3.8 B	1.4 U	5.6 B	1.4 U
57-12-5	Cyanide	200	ug/L	28.2	47.9	11.1	24.5

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 Id: Source: SDG: Matrix: Sampled: Validated:	SW-1 G5192 OBG 5116 Water 11/21/97	SW-1 H0921 OBG 6847 Water 2/18/98	SW-1 H7401 OBG 7810 Water 5/28/98	SW-1 M0192 OBG 1489 Water 4/20/99	SW-1 A9751102 OBG 11090 Water 11/9/99
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	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	5 J	10 U
75-09-2	Methylene chloride	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 U	10 U	10 U
	Total VOCs			ND	ND	ND	5	ND
	SEMIVOLATILES							
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	1 J	10 U	9 U
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.05 U	0.051 U	0.052 U	0.051 U	0.047 U
319-84-6	alpha-BHC	0.01	ug/L	0.0031 JP	0.0068 J	0.052 U	0.0083 BJP	0.047 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.052 U	0.051 U	0.047 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.0023 J	0.0019 BJP	0.051 U	0.047 U
5103-74-2	gamma-Chlordane	NS	ug/L	0.05 U	0.051 U	0.0026 JP	0.0048 BJP	0.047 U
72-54-8	4,4'-DDD	0.3	ug/L	0.0022 JP	0.1 U	0.1 U	0.002 J	0.094 U
72-55-9	4,4'-DDE	0.2	ug/L	0.021 J	0.0019 JP	0.0032 JP	0.1 U	0.094 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 JP	0.1 U	0.1 U	0.1 U	0.094 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.0016 JP	0.00096 JP	0.094 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.0059 J	0.1 U	0.00052 JP	0.094 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.001 JP	0.0018 JP	0.094 U
72-20-8	Endrin	0.2	ug/L	0.1 U	0.1 U	0.0017 JP	0.00056 JP	0.094 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.0059 JP	0.1 U	0.1 U	0.094 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U	0.52 U	0.51 U	0.47 U
	Total Pesticides			0.1263	0.0228	0.012	0.01894	ND
	PCBs							
	None Detected							
	INORGANICS							
7429-90-5	Aluminum	100 (1)	ug/L	**263**	**2630**	73.6 B	**153 B**	**315**
7440-36-0	Antimony	3	ug/L	2.6 U	2.6 U	2.9 B	**8.3 B**	6 U
7440-38-2	Arsenic	50	ug/L	4.2 U	4.2 U	7.2 B	5.2 B	8.9 B
7440-39-3	Barium	1000	ug/L	12.2 B	33.9 B	26 B	50.3 B	51.4 B
7440-41-7	Beryllium	3 (G)	ug/L	0.06 U	0.08 B	0.12 U	0.13 U	1 U
7440-70-2	Calcium	NS	ug/L	34600	68900	134000	189000	152000
7440-47-3	Chromium	50	ug/L	2.6 B	7.4 B	1.6 U	8.7 B	2 U
7440-48-4	Cobalt	5	ug/L	1.1 U	1.2 U	2.3 U	1.6 U	2 U
7440-50-8	Copper	200	ug/L	3.4 B	8.1 B	0.84 U	3.6 B	4.3 B
7439-89-6	Iron	300	ug/L	300	**2030**	**352**	223	282
7439-92-1	Lead	50	ug/L	1 U	10.2	1.8 U	1.1 U	3 U
7439-95-4	Magnesium	35000	ug/L	11000	19200	**57900**	**53200**	**40400**
7439-96-5	Manganese	300	ug/L	6.4 B	70.5	220	71.6	39.8
7440-02-0	Nickel	100	ug/L	1.2 B	3.6 B	2.3 B	3.2 B	3.6 B
7440-09-7	Potassium	NS	ug/L	4330 B	9890	76900	66300	46700
7782-49-2	Selenium	10	ug/L	4.4 B	4 U	4.8 U	3.6 U	9.8
7440-22-4	Silver	50	ug/L	0.56 U	0.6 U	1.1 U	1 U	1 U
7440-23-5	Sodium	NS	ug/L	6090	30400	134000	133000	79400
7440-62-2	Vanadium	14	ug/L	1.2 B	6.4 B	1.2 B	9.9 B	2 U
7440-66-6	Zinc	200 (G)	ug/L	6.5 B	29.9	9.3 B	23.7	15.8 B
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U	

(G) = guidance value (not a standard).
(1) = For the waters of the Great Lakes System, the Department will substitute a guidance value for the aquatic Type standard if so determined under 702.15 (c).

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 Id: Source: SDG: Matrix: Sampled: Validated:	SW-1 R7147 OBG 7645 Water 12/13/00	SW-1 T7110 OBG 764 Water 12/13/01	SW-2 G5193 OBG 5116 Water 11/21/97	SW-3 G5117 OBG 5116 Water 11/20/97	SW-3 N4876 OBG 3856 Water 11/9/99
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	2 J	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	0.7 JB	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	2 J	10 U	10 U	10 U	10 U
	Total VOCs			2	0.7	2	ND	ND
	SEMIVOLATILES							
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	4 J	11 U	10 U	10 U	10 U
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.052 U	0.058 U	0.05 U	0.05 U	0.052 U
319-84-6	alpha-BHC	0.01	ug/L	0.006 J	0.058 U	0.05 U	0.05 U	0.052 U
319-85-7	beta-BHC	0.04	ug/L	0.0087 JP	0.058 U	0.05 U	0.05 U	0.052 U
58-89-9	gamma-BHC	0.05	ug/L	0.052 U	0.058 U	0.05 U	0.05 U	0.052 U
5103-74-2	gamma-Chlordane	NS	ug/L	0.052 U	0.058 U	0.05 U	0.05 U	0.052 U
72-54-8	4,4'-DDD	0.3	ug/L	0.0031 JP	0.12 U	0.1 U	0.1 U	0.0015 JP
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.12 U	0.0043 JP	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.12 U	0.0014 JP	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.0038 JP	0.0016 BJP	0.1 U	0.1 U	0.0064 JP
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.12 U	0.1 U	0.1 U	0.0013 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.12 U	0.1 U	0.1 U	0.0021 JP
72-20-8	Endrin	0.2	ug/L	0.0032 JP	0.12 U	0.1 U	0.1 U	0.0018 JP
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.01 BJP	0.1 U	0.1 U	0.0016 JP
72-43-5	Methoxychlor	35	ug/L	0.061 BJP	0.58 U	0.5 U	0.012 J	0.52 U
	Total Pesticides			0.0858	0.0116	0.0057	0.012	0.0147
	PCBs							
	None Detected							
	INORGANICS							
7429-90-5	Aluminum	100 (1)	ug/L	380 E	127 BN	687	358	271
7440-36-0	Antimony	3	ug/L	3.4 B	2.1 U	2.6 U	2.6 U	2.5 U
7440-38-2	Arsenic	50	ug/L	5 B	5.3 B	4.2 U	4.2 U	5 B
7440-39-3	Barium	1000	ug/L	37.6 B	46.1 B	20 B	25.8 B	44.3 B
7440-41-7	Beryllium	3 (G)	ug/L	0.27 B	0.1 B	0.06 U	0.06 U	0.04 U
7440-70-2	Calcium	NS	ug/L	125000	192000	38100	131000	153000
7440-47-3	Chromium	50	ug/L	10.3	7.6 B	3 B	8.1 B	5.3 BE
7440-48-4	Cobalt	5	ug/L	0.86 U	1.1 B	1.1 U	1.1 U	1.7 U
7440-50-8	Copper	200	ug/L	2.5 B	1.9 B	5.3 B	2.9 B	4 B
7439-89-6	Iron	300	ug/L	473	305	1080	559	379
7439-92-1	Lead	50	ug/L	2.3 B	1.5 U	4.6	1 U	1.3 U
7439-95-4	Magnesium	35000	ug/L	29800	56300	10200	31800	38700
7439-96-5	Manganese	300	ug/L	93	48.7	25.1	56	18.5
7440-02-0	Nickel	100	ug/L	3.1 B	4.7 B	2.3 B	3 B	3.9 BE
7440-09-7	Potassium	NS	ug/L	29200 E	59600	1040 B	24700	39200
7782-49-2	Selenium	10	ug/L	2.4 B	2.6 B	4 U	4.2 B	3.9 B
7440-22-4	Silver	50	ug/L	0.73 U	1 U	0.9 B	0.56 U	0.78 U
7440-23-5	Sodium	NS	ug/L	93600	99300	3980 B	95400	84600 E
7440-62-2	Vanadium	14	ug/L	2.9 B	2.7 B	2.2 B	3.5 B	3.5 BE
7440-66-6	Zinc	200 (G)	ug/L	15.4 B	15.9 B	26.2	12.1 B	41.2
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	138	10 U

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 Id: Source: SDG: Matrix: Sampled: Validated	SW-3 Q3847 OBG 5490 Water 4/26/00
CAS NO.	COMPOUND		UNITS:	
	VOLATILES			
67-64-1	Acetone	50 (G)	ug/L	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U
75-09-2	Methylene chloride	5	ug/L	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U
	Total VOCs			ND
	SEMIVOLATILES			
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U
	PESTICIDES			
309-00-2	Aldrin	ND	ug/L	0.0017 JP
319-84-6	alpha-BHC	0.01	ug/L	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U
5103-74-2	gamma-Chlordane	NS	ug/L	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L	0.0014 JP
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U
72-20-8	Endrin	0.2	ug/L	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U
72-43-5	Methoxychlor	35	ug/L	0.5 U
	Total Pesticides			0.0031
	PCBs			
	None Detected			
	INORGANICS			
7429-90-5	Aluminum	100 (1)	ug/L	203
7440-36-0	Antimony	3	ug/L	1.9 U
7440-38-2	Arsenic	50	ug/L	5.1 B
7440-39-3	Barium	1000	ug/L	35.5 B
7440-41-7	Beryllium	3 (G)	ug/L	0.14 U
7440-70-2	Calcium	NS	ug/L	130000
7440-47-3	Chromium	50	ug/L	7.1 B
7440-48-4	Cobalt	5	ug/L	0.96 U
7440-50-8	Copper	200	ug/L	3.1 B
7439-89-6	Iron	300	ug/L	291
7439-92-1	Lead	50	ug/L	1.1 U
7439-95-4	Magnesium	35000	ug/L	40300
7439-96-5	Manganese	300	ug/L	23.4
7440-02-0	Nickel	100	ug/L	3.1 U
7440-09-7	Potassium	NS	ug/L	31000
7782-49-2	Selenium	10	ug/L	3.7 U
7440-22-4	Silver	50	ug/L	0.75 U
7440-23-5	Sodium	NS	ug/L	89800
7440-62-2	Vanadium	14	ug/L	2.6 B
7440-66-6	Zinc	200 (G)	ug/L	14 B
57-12-5	Cyanide	200	ug/L	10 U

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 fourth year of the monitoring program are summarized below.

- 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. 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 previous events.

- Shallow groundwater samples collected from on Site monitoring wells during the 2001 events showed greater impacts to the shallow groundwater quality beneath the Site than the intermediate/deep zone samples. Water quality improved compared to earlier sampling events, although several metals increased during the December 2001 event. 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 during the current reporting period, no VOCs, SVOCs, pesticides and PCBs exceeded the surface water standards. Only three TAL metals (aluminum, iron, 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 throughout most of the period (with occasional interruptions) to prevent offsite migration of groundwater. 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 had gradually declined over the course of the reporting period. Discharge line flushing during December 2001 appears to have greatly increased the flow rate.

- From 1997 through 2001, groundwater and surface water samples have been analyzed for a complete TCL/TAL list of parameters. More than four 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 2001)

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3 RE
		Lab Sample Id:	S7281	T6808	S7278	T6914	S7325	S7325RE
		Source:	OB	OB	OB	OB	OB	OB
		SDG:	9259	724	9259	739	9270	9270
		Matrix:	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/01	12/11/01	6/19/01	12/12/01	6/20/01	6/20/01
		Validated:						
	COMPOUND	UNITS:						
	VOLATILES							
67-64-1	Acetone	ug/L	2 J	10 U	4 J	10 U	5 J	
71-43-2	Benzene	ug/L	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	
75-25-2	Bromoform	ug/L	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	
78-93-3	2-Butanone	ug/L	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	
56-23-5	Carbon tetrachloride	ug/L	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	
75-00-3	Chloroethane	ug/L	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	
74-87-3	Chloromethane	ug/L	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	
10061-01-5	cis-1,3-Dichloropropene	ug/L	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	
75-34-3	1,1-Dichloroethane	ug/L	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	
107-06-2	1,2-Dichloroethane	ug/L	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	
100-41-4	Ethylbenzene	ug/L	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	
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U	10 U	
75-09-2	Methylene chloride	ug/L	10 U	1 JB	10 U	1 JB	10 U	
100-42-5	Styrene	ug/L	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	
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	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	
156-60-5	trans-1,2-Dichloroethene	ug/L	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	
79-01-6	Trichloroethene	ug/L	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	
79-00-5	1,1,2-Trichloroethane	ug/L	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	
1330-20-7	Xylene (total)	ug/L	10 U	10 U	10 U	10 U	10 U	

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3 RE
		Lab Sample Id:	S7281	T6808	S7278	T6914	S7325	S7325RE
		Source:	OB	OB	OB	OB	OB	OB
		SDG:	9259	724	9259	739	9270	9270
		Matrix:	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/01	12/11/01	6/19/01	12/12/01	6/20/01	6/20/01
		Validated:						
	COMPOUND	UNITS:						
	SEMIVOLATILES							
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	2 J	10 U	1 J	3 JB	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
51-28-5	2,4-Dinitrophenol	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
99-09-2	3-Nitroaniline	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
100-01-6	4-Nitroaniline	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	25 U	25 U	26 U	25 U	26 U	26 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3 RE
		Lab Sample Id:	S7281	T6808	S7278	T6914	S7325	S7325RE
		Source:	OB	OB	OB	OB	OB	OB
		SDG:	9259	724	9259	739	9270	9270
		Matrix:	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/01	12/11/01	6/19/01	12/12/01	6/20/01	6/20/01
		Validated:						
	COMPOUND	UNITS:						
	PESTICIDES							
309-00-2	Aldrin	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
319-84-6	alpha-BHC	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
319-85-7	beta-BHC	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
72-54-8	4,4'-DDD	ug/L	0.1 U	0.1 U	0.1 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	0.0055 BJP	
50-29-3	4,4'-DDT	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
319-86-8	delta-BHC	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
60-57-1	Dieldrin	ug/L	0.1 U	0.0011 JP	0.1 U	0.1 U	0.1 U	
959-98-8	Endosulfan I	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
33213-65-9	Endosulfan II	ug/L	0.1 U	0.1 U	0.1 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	0.1 U	
72-20-8	Endrin	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.017 BJP	
7421-93-4	Endrin aldehyde	ug/L	0.1 U	0.0069 BJP	0.1 U	0.0069 BJ	0.1 U	
53494-70-5	Endrin ketone	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
58-89-9	gamma-BHC	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
76-44-8	Heptachlor	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	
72-43-5	Methoxychlor	ug/L	0.5 U	0.51 U	0.5 U	0.51 U	0.52 U	
8001-35-2	Toxaphene	ug/L	5 U	5.1 U	5 U	5.1 U	5.2 U	
	PCBs							
12674-11-2	Aroclor-1016	ug/L	1 U	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor-1221	ug/L	2 U	2 U	2 U	2 U	2.1 U	
11141-16-5	Aroclor-1232	ug/L	1 U	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor-1242	ug/L	1 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor-1248	ug/L	1 U	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor-1254	ug/L	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	
	INORGANICS							
7429-90-5	Aluminum	ug/L	4760	7810	16300	40200	458	
7440-36-0	Antimony	ug/L	1.4 U	2.1 U	1.4 U	2.1 U	1.4 U	
7440-38-2	Arsenic	ug/L	29.6	40.6	40.9	57.4	2.1 B	
7440-39-3	Barium	ug/L	537	821	247	492	151 B	
7440-41-7	Beryllium	ug/L	0.2 B	0.42 B	0.75 B	2.1 B	0.08 U	
7440-43-9	Cadmium	ug/L	0.24 U	0.37 U	0.24 U	1.1 B	0.24 U	
7440-70-2	Calcium	ug/L	232000	256000	341000	514000	127000	
7440-47-8	Chromium	ug/L	60.7	19	79	102	11.2	
7440-48-4	Cobalt	ug/L	2.8 B	5.9 B	11.6 B	32.4 B	0.93 U	
7440-50-8	Copper	ug/L	10.3 B	17 B	40.8	96.1	0.92 B	
7439-89-6	Iron	ug/L	16500	22700	40500	83100	15000	
7439-92-1	Lead	ug/L	4.8	8.5	30.3	71.2	0.66 U	
7439-95-4	Magnesium	ug/L	55900	66000	97000	153000	32900	
7439-96-5	Manganese	ug/L	208	387	777	2060	512	
7439-97-6	Mercury	ug/L	0.18 U	0.15 U	0.18 U	0.15 U	0.18 U	
7440-02-0	Nickel	ug/L	30.7 B	19 B	53.7	90	6 B	
7440-09-7	Potassium	ug/L	3280 B	3820 B	5870	11300	10500	
7782-49-2	Selenium	ug/L	1.8 U	2.2 U	1.8 U	2.8 B	1.8 U	
7440-22-4	Silver	ug/L	0.73 U	1 U	0.73 U	1 U	0.73 U	
7440-23-5	Sodium	ug/L	40500	42000	15300	17700	66500	
7440-28-0	Thallium	ug/L	3.6 U	5.1 U	3.6 U	5.3 B	3.6 U	
7440-62-2	Vanadium	ug/L	9.1 B	15.9 B	31.8 B	81.5	4.4 B	
7440-66-6	Zinc	ug/L	26.6	46.2	113	277	7 B	
57-12-5	Cyanide	ug/L	10 U	10 U	10 U	10 U	10 U	

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-3	MW-4	MW-4 RE	MW-4	MW-5	MW-5 RE	MW-5
		Lab Sample Id:	T6809	S7324	S7324RE	T7107	S7323	S7323RE	T7108
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	724	9270	9270	764	9270	9270	764
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/11/01	6/20/01	6/20/01	12/13/01	6/20/01	6/20/01	12/13/01
		Validated:							
	COMPOUND	UNITS:							
	VOLATILES								
67-64-1	Acetone	ug/L	10 U	5 J		10 U	6 J		10 U
71-43-2	Benzene	ug/L	10 U	10 U		10 U	57		63
75-27-4	Bromodichloromethane	ug/L	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
74-83-9	Bromomethane	ug/L	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
75-15-0	Carbon disulfide	ug/L	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
108-90-7	Chlorobenzene	ug/L	10 U	10 U		10 U	10 U		10 U
75-00-3	Chloroethane	ug/L	10 U	10 U		10 U	2 J		10 U
67-66-3	Chloroform	ug/L	10 U	10 U		10 U	10 U		10 U
74-87-3	Chloromethane	ug/L	10 U	10 U		10 U	2 J		10 U
156-59-2	cis-1,2-Dichloroethene	ug/L	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
124-48-1	Dibromochloromethane	ug/L	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
75-35-4	1,1-Dichloroethene	ug/L	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
78-87-5	1,2-Dichloropropane	ug/L	10 U	10 U		10 U	10 U		10 U
100-41-4	Ethylbenzene	ug/L	10 U	10 U		10 U	6 J		4 J
591-78-6	2-Hexanone	ug/L	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
75-09-2	Methylene chloride	ug/L	2 JB	10 U		0.6 JB	10 U		0.7 JB
100-42-5	Styrene	ug/L	10 U	10 U		10 U	10 U		0.8 J
127-18-4	Tetrachloroethene	ug/L	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
108-88-3	Toluene	ug/L	10 U	10 U		10 U	6 J		4 J
156-60-5	trans-1,2-Dichloroethene	ug/L	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
79-01-6	Trichloroethene	ug/L	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
79-00-5	1,1,2-Trichloroethane	ug/L	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
1330-20-7	Xylene (total)	ug/L	10 U	10 U		10 U	18		19

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-3	MW-4	MW-4 RE	MW-4	MW-5	MW-5 RE	MW-5
		Lab Sample Id:	T6809	S7324	S7324RE	T7107	S7323	S7323RE	T7108
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	724	9270	9270	764	9270	9270	764
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/11/01	6/20/01	6/20/01	12/13/01	6/20/01	6/20/01	12/13/01
		Validated:							
	COMPOUND	UNITS:							
	SEMIVOLATILES								
83-32-9	Acenaphthene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	10 U	13 U	13 U	1 JB	10 U	10 U	2 JB
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	10 U	13 U	13 U	10 U	9 J	8 J	9 J
131-11-3	Dimethyl phthalate	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
51-28-5	2,4-Dinitrophenol	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	2 J	1 J	10 U	3 J	3 J	10 U
91-20-3	Naphthalene	ug/L	10 U	13 U	13 U	10 U	1 J	2 J	1 J
88-74-4	2-Nitroaniline	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
99-09-2	3-Nitroaniline	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
100-01-6	4-Nitroaniline	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
98-95-3	Nitrobenzene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
85-01-8	Phenanthrene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	13 U	13 U	10 U	2 J	2 J	3 J
129-00-0	Pyrene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	26 U	33 U	33 U	26 U	26 U	26 U	26 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	13 U	13 U	10 U	10 U	10 U	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-3	MW-4	MW-4 RE	MW-4	MW-5	MW-5 RE	MW-5
		Lab Sample Id:	T6809	S7324	S7324RE	T7107	S7323	S7323RE	T7108
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	724	9270	9270	764	9270	9270	764
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/11/01	6/20/01	6/20/01	12/13/01	6/20/01	6/20/01	12/13/01
		Validated							
	COMPOUND	UNITS:							
	PESTICIDES								
309-00-2	Aldrin	ug/L	0.051 U	0.052 U		0.05 U	0.052 U		0.052 U
319-84-6	alpha-BHC	ug/L	0.051 U	0.052 U		0.05 U	0.052 U		0.052 U
5103-71-9	alpha-Chlordane	ug/L	0.051 U	0.052 U		0.05 U	0.052 U		0.0011 JP
319-85-7	beta-BHC	ug/L	0.051 U	0.052 U		0.05 U	0.052 U		0.052 U
72-54-8	4,4'-DDD	ug/L	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
72-55-9	4,4'-DDE	ug/L	0.1 U	0.005 BJP		0.1 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		0.0037 JP
319-86-8	delta-BHC	ug/L	0.051 U	0.052 U		0.05 U	0.052 U		0.052 U
60-57-1	Dieldrin	ug/L	0.1 U	0.1 U		0.0074 BJP	0.1 U		0.012 BJ
959-98-8	Endosulfan I	ug/L	0.051 U	0.052 U		0.05 U	0.052 U		0.052 U
33213-65-9	Endosulfan II	ug/L	0.1 U	0.1 U		0.0011 JP	0.1 U		0.00076 JP
1031-07-8	Endosulfan sulfate	ug/L	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
72-20-8	Endrin	ug/L	0.1 U	0.038 BJP		0.1 U	0.1 U		0.1 U
7421-93-4	Endrin aldehyde	ug/L	0.012 BJP	0.1 U		0.015 BJP	0.1 U		0.0088 BJP
53494-70-5	Endrin ketone	ug/L	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
58-89-9	gamma-BHC	ug/L	0.051 U	0.052 U		0.05 U	0.052 U		0.052 U
5103-74-2	gamma-Chlordane	ug/L	0.051 U	0.052 U		0.0043 JP	0.052 U		0.018 JP
76-44-8	Heptachlor	ug/L	0.051 U	0.052 U		0.0049 J	0.052 U		0.0054 JP
1024-57-3	Heptachlor epoxide	ug/L	0.051 U	0.052 U		0.0032 JP	0.052 U		0.002 JP
72-43-5	Methoxychlor	ug/L	0.51 U	0.52 U		0.5 U	0.52 U		0.52 U
8001-35-2	Toxaphene	ug/L	5.1 U	5.2 U		5 U	5.2 U		5.2 U
	PCBs								
12674-11-2	Aroclor-1016	ug/L	1 U	1 U		1 U	1 U		1 U
11104-28-2	Aroclor-1221	ug/L	2 U	2.1 U		2 U	2.1 U		2.1 U
11141-16-5	Aroclor-1232	ug/L	1 U	1 U		1 U	1 U		1 U
53469-21-9	Aroclor-1242	ug/L	1 U	1 U		1 U	1 U		1 U
12672-29-6	Aroclor-1248	ug/L	1 U	1 U		1 U	1 U		1 U
11097-69-1	Aroclor-1254	ug/L	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
	INORGANICS								
7429-90-5	Aluminum	ug/L	1390	1090		2980	346		801
7440-36-0	Antimony	ug/L	2.1 U	1.4 U		2.1 U	1.4 U		2.1 U
7440-38-2	Arsenic	ug/L	4.5 B	8 B		26.6	7.5 B		11.5
7440-39-3	Barium	ug/L	142 B	79.6 B		118 B	172 B		193 B
7440-41-7	Beryllium	ug/L	0.22 B	0.08 U		0.26 B	0.08 U		0.24 B
7440-43-9	Cadmium	ug/L	0.37 U	1.8 B		2.3 B	0.24 U		0.41 B
7440-70-2	Calcium	ug/L	116000	101000		114000	68700		62400
7440-47-8	Chromium	ug/L	26.8	10.5		17.7	15.6		19
7440-48-4	Cobalt	ug/L	2.2 B	2.6 B		4 B	0.93 U		1.8 B
7440-50-8	Copper	ug/L	3.9 B	2.9 B		5.6 B	10 B		16.8 B
7439-89-6	Iron	ug/L	16700	7080		17600	12200		14900
7439-92-1	Lead	ug/L	3.2	3 B		8.8	4.2		8.2
7439-95-4	Magnesium	ug/L	31200	28300		31400	19700		19500
7439-96-5	Manganese	ug/L	520	1840		1530	178		231
7439-97-6	Mercury	ug/L	0.15 U	0.18 U		0.15 U	0.18 U		0.15 U
7440-02-0	Nickel	ug/L	14.2 B	8.1 B		10.1 B	6.7 B		8.6 B
7440-09-7	Potassium	ug/L	7790	2870 B		5110	22600		32700
7782-49-2	Selenium	ug/L	2.2 U	1.8 U		2.2 U	1.8 U		2.2 B
7440-22-4	Silver	ug/L	1 U	0.73 U		1 U	0.73 U		1 U
7440-23-5	Sodium	ug/L	62800	42400		115000	85800		94700
7440-28-0	Thallium	ug/L	5.1 U	3.6 U		5.1 U	3.6 U		5.1 U
7440-62-2	Vanadium	ug/L	6.3 B	6.5 B		12.7 B	6.3 B		9.3 B
7440-66-6	Zinc	ug/L	28.1	20.1		36.1	10.3 B		12.4 B
57-12-5	Cyanide	ug/L	12.5	10 U		10 U	23		38.7

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-5 RE	MW-6	MW-6 dup	MW-6	MW-7	MW-7	MW-7 Dup
		Lab Sample Id:	T7108RE	S7280	T6912	T6911	S7277	T6913	S7276
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	764	9259	739	739	9259	739	9259
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/13/01	6/19/01	12/12/01	12/12/01	6/18/01	12/12/01	6/18/01
		Validated:							
	COMPOUND	UNITS:							
	VOLATILES								
67-64-1	Acetone	ug/L		5 J	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/L		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
75-25-2	Bromoform	ug/L		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
78-93-3	2-Butanone	ug/L		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
56-23-5	Carbon tetrachloride	ug/L		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
75-00-3	Chloroethane	ug/L		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
74-87-3	Chloromethane	ug/L		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
10061-01-5	cis-1,3-Dichloropropene	ug/L		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
75-34-3	1,1-Dichloroethane	ug/L		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
107-06-2	1,2-Dichloroethane	ug/L		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
100-41-4	Ethylbenzene	ug/L		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
108-10-1	4-Methyl-2-pentanone	ug/L		10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	ug/L		10 U	1 JB	1 JB	10 U	0.9 JB	10 U
100-42-5	Styrene	ug/L		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
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		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
156-60-5	trans-1,2-Dichloroethene	ug/L		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
79-01-6	Trichloroethene	ug/L		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
79-00-5	1,1,2-Trichloroethane	ug/L		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
1330-20-7	Xylene (total)	ug/L		10 U	10 U	10 U	10 U	10 U	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-5 RE	MW-6	MW-6 dup	MW-6	MW-7	MW-7	MW-7 Dup
		Lab Sample Id:	T7108RE	S7280	T6912	T6911	S7277	T6913	S7276
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	764	9259	739	739	9259	739	9259
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/13/01	6/19/01	12/12/01	12/12/01	6/18/01	12/12/01	6/18/01
		Validated:							
	COMPOUND	UNITS:							
	SEMIVOLATILES								
83-32-9	Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	1 JB	3 J	4 JB	1 JB	4 J	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	8 J	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
51-28-5	2,4-Dinitrophenol	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/L	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	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/L	1 J	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
99-09-2	3-Nitroaniline	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
100-01-6	4-Nitroaniline	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
85-01-8	Phenanthrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	26 U	26 U	25 U	25 U	26 U	26 U	26 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	MW-5 RE	MW-6	MW-6 dup	MW-6	MW-7	MW-7	MW-7 Dup
		Lab Sample Id:	T7108RE	S7280	T6912	T6911	S7277	T6913	S7276
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	764	9259	739	739	9259	739	9259
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	12/13/01	6/19/01	12/12/01	12/12/01	6/18/01	12/12/01	6/18/01
		Validated							
	COMPOUND	UNITS:							
	PESTICIDES								
309-00-2	Aldrin	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.051 U	0.05 U
319-84-6	alpha-BHC	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.051 U	0.05 U
5103-71-9	alpha-Chlordane	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.051 U	0.05 U
319-85-7	beta-BHC	ug/L		0.052 U	0.0043 J	0.051 U	0.05 U	0.051 U	0.05 U
72-54-8	4,4'-DDD	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	ug/L		0.0027 BJ	0.1 U	0.1 U	0.003 BJP	0.1 U	0.0024 BJP
50-29-3	4,4'-DDT	ug/L		0.0033 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
319-86-8	delta-BHC	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.051 U	0.05 U
60-57-1	Dieldrin	ug/L		0.1 U	0.1 U	0.1 U	0.1 U	0.0027 J	0.1 U
959-98-8	Endosulfan I	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.051 U	0.05 U
33213-65-9	Endosulfan II	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	ug/L		0.1 U	0.1 U	0.1 U	0.1 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	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	ug/L		0.1 U	0.011 BJP	0.01 BJP	0.1 U	0.021 BJ	0.1 U
53494-70-5	Endrin ketone	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	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.0039 J	0.05 U
5103-74-2	gamma-Chlordane	ug/L		0.052 U	0.0029 JP	0.051 U	0.05 U	0.051 U	0.05 U
76-44-8	Heptachlor	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.051 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/L		0.052 U	0.051 U	0.051 U	0.05 U	0.051 U	0.05 U
72-43-5	Methoxychlor	ug/L		0.52 U	0.51 U	0.51 U	0.5 U	0.51 U	0.5 U
8001-35-2	Toxaphene	ug/L		5.2 U	5.1 U	5.1 U	5 U	5.1 U	5 U
	PCBs								
12674-11-2	Aroclor-1016	ug/L		1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/L		2.1 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/L		1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	ug/L		1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/L		1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	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
	INORGANICS								
7429-90-5	Aluminum	ug/L		263	153 B	160 B	79.1 B	265	83.8 B
7440-36-0	Antimony	ug/L		1.4 U	2.1 U	2.1 U	1.4 U	2.1 U	1.4 U
7440-38-2	Arsenic	ug/L		1.6 U	2.1 U	2.1 U	15.5	25	15.6
7440-39-3	Barium	ug/L		154 B	147 B	149 B	374	388	372
7440-41-7	Beryllium	ug/L		0.08 U	0.14 B	0.11 B	0.08 U	0.12 B	0.31 B
7440-43-9	Cadmium	ug/L		0.24 U	0.37 U	0.37 U	0.24 U	0.62 B	0.49 B
7440-70-2	Calcium	ug/L		254000	233000	235000	107000	112000	108000
7440-47-8	Chromium	ug/L		6.1 B	6.7 B	6.8 B	6.6 B	8.7 B	6.7 B
7440-48-4	Cobalt	ug/L		0.93 U	0.72 U	0.72 U	0.93 U	1.5 B	0.93 U
7440-50-8	Copper	ug/L		1.8 B	0.47 U	0.47 U	0.49 U	0.47 U	1.2 B
7439-89-6	Iron	ug/L		66600	52500	54000	25100	30700	24300
7439-92-1	Lead	ug/L		0.66 U	1.5 U	1.6 B	0.66 U	1.5 U	0.66 U
7439-95-4	Magnesium	ug/L		61500	48700	49500	14800	13700	14900
7439-96-5	Manganese	ug/L		4620	4100	4190	292	344	290
7439-97-6	Mercury	ug/L		0.18 U	0.15 U	0.15 U	0.18 U	0.15 U	0.18 U
7440-02-0	Nickel	ug/L		0.71 U	1.3 U	1.4 B	2.6 B	4 B	2.6 B
7440-09-7	Potassium	ug/L		31300	50700	51800	13100	16700	12600
7782-49-2	Selenium	ug/L		2.7 B	2.5 B	2.2 U	1.8 U	2.2 U	1.8 U
7440-22-4	Silver	ug/L		0.73 U	1 U	1 U	0.73 U	1 U	0.73 U
7440-23-5	Sodium	ug/L		70000	65100	66400	23500	24800	23400
7440-28-0	Thallium	ug/L		3.6 U	5.1 U	5.1 U	3.6 U	5.1 U	3.6 U
7440-62-2	Vanadium	ug/L		1.6 B	1.2 B	1.8 B	1.2 B	1.7 B	1.4 B
7440-66-6	Zinc	ug/L		8.6 B	1.4 U	5.6 B	10 B	20.2	8.4 B
57-12-5	Cyanide	ug/L		12	10.2	10 U	10 U	10.2	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	S-1	S-1DL	S-1	S-1DL	SW-1	S-2	S-2 RE
		Lab Sample Id:	S7322	S7322DL	T7106	T7106DL	T7110	S7283	S7283RE
		Source:	OB	OB	OB	OB		OB	OB
		SDG:	9270	9270	764	764	OBG	9259	9259
		Matrix:	Water	Water	Water	Water	764 Water	Water	Water
		Sampled:	6/20/01	6/20/01	12/13/01	12/13/01	12/13/01	6/19/01	6/19/01
		Validated:							
	COMPOUND	UNITS.							
	VOLATILES								
67-64-1	Acetone	ug/L	12		4 J		10 U	7 J	
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	3 J		10 U		10 U	10 U	
75-15-0	Carbon disulfide	ug/L	10 U		10 U		10 U	10 U	
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	1 J		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	2 J		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	
75-35-4	1,1-Dichloroethene	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	
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 J		0.6 JB		0.6 JB	10 U	
100-42-5	Styrene	ug/L	10 U		10 U		10 U	10 U	
127-18-4	Tetrachloroethene	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	
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	
79-01-6	Trichloroethene	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	
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
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	S-1	S-1DL	S-1	S-1DL	SW-1	S-2	S-2 RE
		Lab Sample Id:	S7322	S7322DL	T7106	T7106DL	T7110	S7283	S7283RE
		Source:	OB	OB	OB	OB		OB	OB
		SDG:	9270	9270	764	764	OBG	9259	9259
		Matrix:	Water	Water	Water	Water	764	Water	Water
		Sampled	6/20/01	6/20/01	12/13/01	12/13/01	Water	6/19/01	6/19/01
		Validated					12/13/01		
	COMPOUND	UNITS:							
	SEMIVOLATILES								
83-32-9	Acenaphthene	ug/L	220 U		100 U		11 U	10 U	10 U
208-96-8	Acenaphthylene	ug/L	220 U		100 U		11 U	10 U	10 U
120-12-7	Anthracene	ug/L	220 U		100 U		11 U	10 U	10 U
56-55-3	Benzo[a]anthracene	ug/L	52 JD		29 JD		11 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ug/L	30 JD		19 JD		11 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	ug/L	68 JD		34 JD		11 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	ug/L	220 U		100 U		11 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	ug/L	25 JD		100 U		11 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	220 U		100 U		11 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	220 U		100 U		11 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	55 JD		29 JBD		11 U	3 J	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	220 U		100 U		11 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	220 U		100 U		11 U	10 U	10 U
86-74-8	Carbazole	ug/L	220 U		100 U		11 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	220 U		100 U		11 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	220 U		100 U		11 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	220 U		100 U		11 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	220 U		100 U		11 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	220 U		100 U		11 U	10 U	10 U
218-01-9	Chrysene	ug/L	43 JD		19 JD		11 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	ug/L	220 U		100 U		11 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	220 U		100 U		11 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	220 U		100 U		11 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	220 U		100 U		11 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	220 U		100 U		11 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	220 U		100 U		11 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/L	220 U		100 U		11 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	220 U		100 U		11 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	220 U		100 U		11 U	10 U	10 U
131-11-3	Dimethyl phthalate	ug/L	220 U		100 U		11 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	220 U		100 U		11 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	220 U		100 U		11 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	560 U		260 U		28 U	26 U	25 U
51-28-5	2,4-Dinitrophenol	ug/L	560 U		260 U		28 U	26 U	25 U
121-14-2	2,4-Dinitrotoluene	ug/L	220 U		100 U		11 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	220 U		100 U		11 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	89 JD		51 JD		11 U	10 U	10 U
86-73-7	Fluorene	ug/L	220 U		100 U		11 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	220 U		100 U		11 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	220 U		100 U		11 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	220 U		100 U		11 U	10 U	10 U
67-72-1	Hexachloroethane	ug/L	220 U		100 U		11 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	220 U		100 U		11 U	10 U	10 U
78-59-1	Isophorone	ug/L	220 U		100 U		11 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	220 U		100 U		11 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	220 U		100 U		11 U	10 U	10 U
106-44-5	4-Methylphenol	ug/L	220 U		100 U		11 U	10 U	10 U
91-20-3	Naphthalene	ug/L	220 U		100 U		11 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/L	560 U		260 U		28 U	26 U	25 U
99-09-2	3-Nitroaniline	ug/L	560 U		260 U		28 U	26 U	25 U
100-01-6	4-Nitroaniline	ug/L	560 U		260 U		28 U	26 U	25 U
98-95-3	Nitrobenzene	ug/L	220 U		100 U		11 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	220 U		100 U		11 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	560 U		260 U		28 U	26 U	25 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	220 U		100 U		11 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	220 U		100 U		11 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	220 U		100 U		11 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	560 U		260 U		28 U	26 U	25 U
85-01-8	Phenanthrene	ug/L	220 U		100 U		11 U	10 U	10 U
108-95-2	Phenol	ug/L	220 U		100 U		11 U	10 U	10 U
129-00-0	Pyrene	ug/L	170 JD		69 JD		11 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	220 U		100 U		11 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	560 U		260 U		28 U	26 U	25 U
88-06-2	2,4,6-Trichlorophenol	ug/L	220 U		100 U		11 U	10 U	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	S-1	S-1DL	S-1	S-1DL	SW-1	S-2	S-2 RE
		Lab Sample Id:	S7322	S7322DL	T7106	T7106DL	T7110	S7283	S7283RE
		Source:	OB	OB	OB	OB		OB	OB
		SDG:	9270	9270	764	764	OBG	9259	9259
		Matrix:	Water	Water	Water	Water	764	Water	Water
		Sampled:	6/20/01	6/20/01	12/13/01	12/13/01	Water	6/19/01	6/19/01
		Validated					12/13/01		
	COMPOUND	UNITS:							
	PESTICIDES								
309-00-2	Aldrin	ug/L	0.27 U	2.7 U	0.26 U	2.6 U	0.058 U	0.051 U	
319-84-6	alpha-BHC	ug/L	0.27 U	2.7 U	0.11 JP	0.11 JPD	0.058 U	0.051 U	
5103-71-9	alpha-Chlordane	ug/L	0.27 U	2.7 U	0.26 U	2.6 U	0.058 U	0.051 U	
319-85-7	beta-BHC	ug/L	0.27 U	2.7 U	0.26 U	2.6 U	0.058 U	0.051 U	
72-54-8	4,4'-DDD	ug/L	0.068 JP	0.097 JPD	0.52 U	5.2 U	0.12 U	0.1 U	
72-55-9	4,4'-DDE	ug/L	2.1 BP	3.5 BJPD	2.3	2.8 JPD	0.12 U	0.1 U	
50-29-3	4,4'-DDT	ug/L	0.83 P	5.3 U	0.52 U	5.2 U	0.12 U	0.1 U	
319-86-8	delta-BHC	ug/L	0.0045 JP	2.7 U	0.26 U	2.6 U	0.058 U	0.051 U	
60-57-1	Dieldrin	ug/L	0.53 U	5.3 U	1.9 BP	2.7 BJPD	0.0016 BJP	0.018 JP	
959-98-8	Endosulfan I	ug/L	0.62 P	0.8 JPD	0.33 P	0.39 JPD	0.058 U	0.051 U	
33213-65-9	Endosulfan II	ug/L	0.53 U	5.3 U	0.52 U	5.2 U	0.12 U	0.1 U	
1031-07-8	Endosulfan sulfate	ug/L	0.17 JP	5.3 U	0.52 U	5.2 U	0.12 U	0.1 U	
72-20-8	Endrin	ug/L	0.31 BJP	0.44 BJPD	0.68 P	1 JPD	0.12 U	0.022 JP	
7421-93-4	Endrin aldehyde	ug/L	0.82 P	0.37 JPD	0.71 BP	0.9 BJPD	0.01 BJP	0.1 U	
53494-70-5	Endrin ketone	ug/L	0.53 U	5.3 U	0.069 JP	5.2 U	0.12 U	0.1 U	
58-89-9	gamma-BHC	ug/L	0.27 U	2.7 U	0.28 P	2.6 U	0.058 U	0.051 U	
5103-74-2	gamma-Chlordane	ug/L	0.27 U	2.7 U	1.2 P	2 JPD	0.058 U	0.051 U	
76-44-8	Heptachlor	ug/L	0.27 U	2.7 U	0.26 U	1.9 JPD	0.058 U	0.051 U	
1024-57-3	Heptachlor epoxide	ug/L	0.27 U	2.7 U	0.26 U	2.6 U	0.058 U	0.051 U	
72-43-5	Methoxychlor	ug/L	2.7 U	0.52 JPD	0.35 JP	0.7 JPD	0.58 U	0.51 U	
8001-35-2	Toxaphene	ug/L	27 U	270 U	26 U	260 U	5.8 U	5.1 U	
	PCBs								
12674-11-2	Aroclor-1016	ug/L	5.3 U	53 U	5.2 U	52 U	1.2 U	1 U	
11104-28-2	Aroclor-1221	ug/L	11 U	110 U	10 U	100 U	2.3 U	2 U	
11141-16-5	Aroclor-1232	ug/L	5.3 U	53 U	5.2 U	52 U	1.2 U	1 U	
53469-21-9	Aroclor-1242	ug/L	5.3 U	53 U	5.2 U	52 U	1.2 U	1 U	
12672-29-6	Aroclor-1248	ug/L	150 P	250 PD	110	150 D	1.2 U	1 U	
11097-69-1	Aroclor-1254	ug/L	5.3 U	53 U	5.2 U	52 U	1.2 U	1 U	
11096-82-5	Aroclor-1260	ug/L	88 EP	130 PD	53	67 D	1.2 U	1 U	
	INORGANICS								
7429-90-5	Aluminum	ug/L	3290		18300		127 B	85.6 B	
7440-36-0	Antimony	ug/L	1.4 U		2.1 U		2.1 U	3 B	
7440-38-2	Arsenic	ug/L	7.8 B		13.2		5.3 B	1.6 U	
7440-39-3	Barium	ug/L	313		1080		46.1 B	44.7 B	
7440-41-7	Beryllium	ug/L	0.15 B		2.5 B		0.1 B	0.08 U	
7440-43-9	Cadmium	ug/L	0.24 U		0.37 B		0.37 U	0.24 U	
7440-70-2	Calcium	ug/L	111000		470000		192000	109000	
7440-47-8	Chromium	ug/L	7.6 B		48.8		7.6 B	0.94 U	
7440-48-4	Cobalt	ug/L	1.7 B		25.3 B		1.1 B	0.93 U	
7440-50-8	Copper	ug/L	7.7 B		11.5 B		1.9 B	0.7 B	
7439-89-6	Iron	ug/L	15400		105000		305	92.8 B	
7439-92-1	Lead	ug/L	15.2		23.1		1.5 U	0.66 U	
7439-95-4	Magnesium	ug/L	13900		33900		56300	469 B	
7439-96-5	Manganese	ug/L	1830		6640		48.7	7.2 B	
7439-97-6	Mercury	ug/L	0.18 U		0.15 U		0.15 U	0.18 U	
7440-02-0	Nickel	ug/L	12.4 B		102		4.7 B	1.8 B	
7440-09-7	Potassium	ug/L	23900		25300		59600	47200	
7782-49-2	Selenium	ug/L	1.8 U		3.4 B		2.6 B	3.4 B	
7440-22-4	Silver	ug/L	0.73 U		1 U		1 U	0.73 U	
7440-23-5	Sodium	ug/L	125000		124000		99300	68100	
7440-28-0	Thallium	ug/L	3.6 U		5.1 U		5.1 U	3.6 U	
7440-62-2	Vanadium	ug/L	8.2 B		63.5		2.7 B	19 B	
7440-66-6	Zinc	ug/L	164		1340		15.9 B	3.5 B	
57-12-5	Cyanide	ug/L	10 U		12.6		10 U	50	

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	S-2	S-3	S-3
		Lab Sample Id:	T6915	S7282	T6807
		Source:	OB	OB	OB
		SDG:	739	9259	724
		Matrix:	Water	Water	Water
		Sampled:	12/12/01	6/19/01	12/11/01
		Validated:			
	COMPOUND	UNITS:			
	VOLATILES				
67-64-1	Acetone	ug/L	10 U	4 J	10 U
71-43-2	Benzene	ug/L	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/L	10 U	10 U	10 U
75-25-2	Bromoform	ug/L	10 U	10 U	10 U
74-83-9	Bromomethane	ug/L	10 U	10 U	10 U
78-93-3	2-Butanone	ug/L	10 U	10 U	10 U
75-15-0	Carbon disulfide	ug/L	10 U	10 U	10 U
56-23-5	Carbon tetrachloride	ug/L	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/L	10 U	10 U	10 U
75-00-3	Chloroethane	ug/L	10 U	10 U	10 U
67-66-3	Chloroform	ug/L	10 U	10 U	10 U
74-87-3	Chloromethane	ug/L	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/L	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/L	2 J	2 J	2 J
75-35-4	1,1-Dichloroethene	ug/L	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/L	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/L	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/L	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/L	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U
75-09-2	Methylene chloride	ug/L	1 JB	10 U	2 JB
100-42-5	Styrene	ug/L	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/L	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U
108-88-3	Toluene	ug/L	10 U	1 J	0.7 J
156-60-5	trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/L	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U
75-01-4	Vinyl chloride	ug/L	10 U	10 U	10 U
1330-20-7	Xylene (total)	ug/L	10 U	4 J	2 J

Cherry Farm Groundwater 2001		Sample ID: / Lab Sample Id: / Source: / SDG: / Matrix: / Sampled: / Validated:	S-2 T6915 OB 739 Water 12/12/01	S-3 S7282 OB 9259 Water 6/19/01	S-3 T6807 OB 724 Water 12/11/01
	COMPOUND	UNITS:			
	SEMIVOLATILES				
83-32-9	Acenaphthene	ug/L	10 U	1 J	10 U
208-96-8	Acenaphthylene	ug/L	10 U	10 U	10 U
120-12-7	Anthracene	ug/L	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	ug/L	10 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ug/L	10 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	ug/L	10 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	ug/L	10 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	ug/L	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	1 JB	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	10 U
86-74-8	Carbazole	ug/L	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U
218-01-9	Chrysene	ug/L	10 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	ug/L	10 U	10 U	10 U
132-64-9	Dibenzofuran	ug/L	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/L	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/L	1 J	14	10
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	10 U
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	26 U	25 U	25 U
51-28-5	2,4-Dinitrophenol	ug/L	26 U	25 U	25 U
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/L	10 U	10 U	10 U
86-73-7	Fluorene	ug/L	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/L	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/L	10 U	10 U	10 U
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	10 U	10 U	10 U
78-59-1	Isophorone	ug/L	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/L	10 U	10	10 U
106-44-5	4-Methylphenol	ug/L	10 U	22	3 J
91-20-3	Naphthalene	ug/L	10 U	5 J	4 J
88-74-4	2-Nitroaniline	ug/L	26 U	25 U	25 U
99-09-2	3-Nitroaniline	ug/L	26 U	25 U	25 U
100-01-6	4-Nitroaniline	ug/L	26 U	25 U	25 U
98-95-3	Nitrobenzene	ug/L	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/L	26 U	25 U	25 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/L	26 U	25 U	25 U
85-01-8	Phenanthrene	ug/L	10 U	1 J	1 J
108-95-2	Phenol	ug/L	10 U	10 U	10 U
129-00-0	Pyrene	ug/L	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/L	26 U	25 U	25 U
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID: / Lab Sample Id: / Source: / SDG: / Matrix: / Sampled: / Validated:	S-2 T6915 OB 739 Water 12/12/01	S-3 S7282 OB 9259 Water 6/19/01	S-3 T6807 OB 724 Water 12/11/01
	COMPOUND	UNITS			
	PESTICIDES				
309-00-2	Aldrin	ug/L	0.052 U	0.051 U	0.051 U
319-84-6	alpha-BHC	ug/L	0.052 U	0.051 U	0.051 U
5103-71-9	alpha-Chlordane	ug/L	0.052 U	0.051 U	0.051 U
319-85-7	beta-BHC	ug/L	0.0074 JP	0.051 U	0.051 U
72-54-8	4,4'-DDD	ug/L	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	ug/L	0.0027 J	0.1 U	0.1 U
50-29-3	4,4'-DDT	ug/L	0.1 U	0.1 U	0.0058 J
319-86-8	delta-BHC	ug/L	0.052 U	0.051 U	0.051 U
60-57-1	Dieldrin	ug/L	0.014 JP	0.1 U	0.018 J
959-98-8	Endosulfan I	ug/L	0.018 J	0.051 U	0.0038 JP
33213-65-9	Endosulfan II	ug/L	0.1 U	0.008 JP	0.1 U
1031-07-8	Endosulfan sulfate	ug/L	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ug/L	0.1 U	0.1 U	0.012 JP
7421-93-4	Endrin aldehyde	ug/L	0.0087 BJP	0.1 U	0.011 BJP
53494-70-5	Endrin ketone	ug/L	0.0097 JP	0.1 U	0.003 JP
58-89-9	gamma-BHC	ug/L	0.052 U	0.051 U	0.051 U
5103-74-2	gamma-Chlordane	ug/L	0.052 U	0.051 U	0.012 JP
76-44-8	Heptachlor	ug/L	0.052 U	0.051 U	0.0017 JP
1024-57-3	Heptachlor epoxide	ug/L	0.0038 JP	0.051 U	0.002 JP
72-43-5	Methoxychlor	ug/L	0.52 U	0.51 U	0.51 U
8001-35-2	Toxaphene	ug/L	5.2 U	5.1 U	5.1 U
	PCBs				
12674-11-2	Aroclor-1016	ug/L	1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/L	2.1 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/L	1 U	1 U	1 U
53469-21-9	Aroclor-1242	ug/L	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/L	1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/L	1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/L	1 U	1 U	1 U
	INORGANICS				
7429-90-5	Aluminum	ug/L	310	534	556
7440-36-0	Antimony	ug/L	3.1 B	4.6 B	3.2 B
7440-38-2	Arsenic	ug/L	5 B	3.3 B	4.2 B
7440-39-3	Barium	ug/L	48.4 B	40 B	38.5 B
7440-41-7	Beryllium	ug/L	0.1 U	0.08 U	0.1 U
7440-43-9	Cadmium	ug/L	0.37 U	0.24 U	0.37 U
7440-70-2	Calcium	ug/L	135000	145000	132000
7440-47-8	Chromium	ug/L	1.4 B	0.94 U	0.88 U
7440-48-4	Cobalt	ug/L	1.1 B	0.93 U	0.72 U
7440-50-8	Copper	ug/L	0.89 B	0.49 U	0.47 U
7439-89-6	Iron	ug/L	52.1 B	127	40.7 B
7439-92-1	Lead	ug/L	1.5 U	0.66 U	1.5 U
7439-95-4	Magnesium	ug/L	80.7 B	282 B	213 B
7439-96-5	Manganese	ug/L	1.8 U	8.2 B	1.8 U
7439-97-6	Mercury	ug/L	0.15 U	0.18 U	0.15 U
7440-02-0	Nickel	ug/L	3.7 B	2.3 B	3.2 B
7440-09-7	Potassium	ug/L	49400	49900	48800
7782-49-2	Selenium	ug/L	4.6 B	3.6 B	4.4 B
7440-22-4	Silver	ug/L	1 B	0.73 U	1 U
7440-23-5	Sodium	ug/L	64100	72400	63600
7440-28-0	Thallium	ug/L	5.1 U	3.6 U	5.1 U
7440-62-2	Vanadium	ug/L	24.8 B	19.2 B	15.7 B
7440-66-6	Zinc	ug/L	2 B	3.8 B	1.4 U
57-12-5	Cyanide	ug/L	40.5	28	47.9

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	S-4	S-4	Equip. blank	Equip. blank RE	Equip. blank	trip blank	trip blank
		Lab Sample Id:	S7279	T6910	S7326	S7326RE	T7109	S7284	T6811
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	9259	739	9270	9270	764	9259	724
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/01	12/12/01	6/20/01	6/20/01	12/13/01	6/18/01	12/11/01
		Validated:							
	COMPOUND	UNITS:							
	VOLATILES								
67-64-1	Acetone	ug/L	4 J	10 U	2 J		10 U	2 J	3 J
71-43-2	Benzene	ug/L	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
75-25-2	Bromoform	ug/L	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
78-93-3	2-Butanone	ug/L	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
56-23-5	Carbon tetrachloride	ug/L	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
75-00-3	Chloroethane	ug/L	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
74-87-3	Chloromethane	ug/L	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
10061-01-5	cis-1,3-Dichloropropene	ug/L	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
75-34-3	1,1-Dichloroethane	ug/L	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
107-06-2	1,2-Dichloroethane	ug/L	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
100-41-4	Ethylbenzene	ug/L	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
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U		10 U	10 U	10 U
75-09-2	Methylene chloride	ug/L	10 U	1 JB	10 U		0.7 JB	10 U	0.7 JB
100-42-5	Styrene	ug/L	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
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	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
156-60-5	trans-1,2-Dichloroethene	ug/L	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
79-01-6	Trichloroethene	ug/L	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
79-00-5	1,1,2-Trichloroethane	ug/L	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
1330-20-7	Xylene (total)	ug/L	10 U	10 U	10 U		10 U	10 U	10 U

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	S-4	S-4	Equip. blank	Equip. blank RE	Equip. blank	trip blank	trip blank
		Lab Sample Id:	S7279	T6910	S7326	S7326RE	T7109	S7284	T6811
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	9259	739	9270	9270	764	9259	724
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/01	12/12/01	6/20/01	6/20/01	12/13/01	6/18/01	12/11/01
		Validated:							
	COMPOUND	UNITS:							
	SEMIVOLATILES								
83-32-9	Acenaphthene	ug/L	10 U	10 U	11 U	11 U	12 U		
208-96-8	Acenaphthylene	ug/L	10 U	10 U	11 U	11 U	12 U		
120-12-7	Anthracene	ug/L	10 U	10 U	11 U	11 U	12 U		
56-55-3	Benzo[a]anthracene	ug/L	10 U	10 U	11 U	11 U	12 U		
50-32-8	Benzo[a]pyrene	ug/L	10 U	10 U	11 U	11 U	12 U		
205-99-2	Benzo[b]fluoranthene	ug/L	10 U	10 U	11 U	11 U	12 U		
191-24-2	Benzo[g,h,i]perylene	ug/L	10 U	10 U	11 U	11 U	12 U		
207-08-9	Benzo[k]fluoranthene	ug/L	10 U	10 U	11 U	11 U	12 U		
111-91-1	bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	11 U	11 U	12 U		
111-44-4	bis(2-Chloroethyl)ether	ug/L	10 U	10 U	11 U	11 U	12 U		
117-81-7	bis(2-Ethylhexyl)phthalate	ug/L	4 J	10 U	11 U	11 U	12 U		
101-55-3	4-Bromophenyl phenyl ether	ug/L	10 U	10 U	11 U	11 U	12 U		
85-68-7	Butyl benzyl phthalate	ug/L	10 U	10 U	11 U	11 U	12 U		
86-74-8	Carbazole	ug/L	10 U	10 U	11 U	11 U	12 U		
59-50-7	4-Chloro-3-methylphenol	ug/L	10 U	10 U	11 U	11 U	12 U		
106-47-8	4-Chloroaniline	ug/L	10 U	10 U	11 U	11 U	12 U		
91-58-7	2-Chloronaphthalene	ug/L	10 U	10 U	11 U	11 U	12 U		
95-57-8	2-Chlorophenol	ug/L	10 U	10 U	11 U	11 U	12 U		
7005-72-3	4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	11 U	11 U	12 U		
218-01-9	Chrysene	ug/L	10 U	10 U	11 U	11 U	12 U		
53-70-3	Dibenz[a,h]anthracene	ug/L	10 U	10 U	11 U	11 U	12 U		
132-64-9	Dibenzofuran	ug/L	10 U	10 U	11 U	11 U	12 U		
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	11 U	11 U	12 U		
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	11 U	11 U	12 U		
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	11 U	11 U	12 U		
91-94-1	3,3'-Dichlorobenzidine	ug/L	10 U	10 U	11 U	11 U	12 U		
120-83-2	2,4-Dichlorophenol	ug/L	10 U	10 U	11 U	11 U	12 U		
84-66-2	Diethyl phthalate	ug/L	10 U	10 U	11 U	11 U	12 U		
105-67-9	2,4-Dimethylphenol	ug/L	10 U	10 U	11 U	11 U	12 U		
131-11-3	Dimethyl phthalate	ug/L	10 U	10 U	11 U	11 U	12 U		
84-74-2	Di-n-butyl phthalate	ug/L	10 U	10 U	11 U	11 U	12 U		
117-84-0	Di-n-octyl phthalate	ug/L	10 U	10 U	11 U	11 U	12 U		
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	25 U	25 U	27 U	27 U	30 U		
51-28-5	2,4-Dinitrophenol	ug/L	25 U	25 U	27 U	27 U	30 U		
121-14-2	2,4-Dinitrotoluene	ug/L	10 U	10 U	11 U	11 U	12 U		
606-20-2	2,6-Dinitrotoluene	ug/L	10 U	10 U	11 U	11 U	12 U		
206-44-0	Fluoranthene	ug/L	10 U	10 U	11 U	11 U	12 U		
86-73-7	Fluorene	ug/L	10 U	10 U	11 U	11 U	12 U		
118-74-1	Hexachlorobenzene	ug/L	10 U	10 U	11 U	11 U	12 U		
87-68-3	Hexachlorobutadiene	ug/L	10 U	10 U	11 U	11 U	12 U		
77-47-4	Hexachlorocyclopentadiene	ug/L	10 U	10 U	11 U	11 U	12 U		
67-72-1	Hexachloroethane	ug/L	10 U	10 U	11 U	11 U	12 U		
193-39-5	Indeno[1,2,3-cd]pyrene	ug/L	10 U	10 U	11 U	11 U	12 U		
78-59-1	Isophorone	ug/L	10 U	10 U	11 U	11 U	12 U		
91-57-6	2-Methylnaphthalene	ug/L	10 U	10 U	11 U	11 U	12 U		
95-48-7	2-Methylphenol	ug/L	10 U	10 U	11 U	11 U	12 U		
106-44-5	4-Methylphenol	ug/L	10 U	10 U	11 U	11 U	12 U		
91-20-3	Naphthalene	ug/L	10 U	10 U	11 U	11 U	12 U		
88-74-4	2-Nitroaniline	ug/L	25 U	25 U	27 U	27 U	30 U		
99-09-2	3-Nitroaniline	ug/L	25 U	25 U	27 U	27 U	30 U		
100-01-6	4-Nitroaniline	ug/L	25 U	25 U	27 U	27 U	30 U		
98-95-3	Nitrobenzene	ug/L	10 U	10 U	11 U	11 U	12 U		
88-75-5	2-Nitrophenol	ug/L	10 U	10 U	11 U	11 U	12 U		
100-02-7	4-Nitrophenol	ug/L	25 U	25 U	27 U	27 U	30 U		
621-64-7	N-Nitroso-di-n-propylamine	ug/L	10 U	10 U	11 U	11 U	12 U		
86-30-6	N-Nitrosodiphenylamine	ug/L	10 U	10 U	11 U	11 U	12 U		
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/L	10 U	10 U	11 U	11 U	12 U		
87-86-5	Pentachlorophenol	ug/L	25 U	25 U	27 U	27 U	30 U		
85-01-8	Phenanthrene	ug/L	10 U	10 U	11 U	11 U	12 U		
108-95-2	Phenol	ug/L	10 U	10 U	11 U	11 U	12 U		
129-00-0	Pyrene	ug/L	10 U	10 U	11 U	11 U	12 U		
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	11 U	11 U	12 U		
95-95-4	2,4,5-Trichlorophenol	ug/L	25 U	25 U	27 U	27 U	30 U		
88-06-2	2,4,6-Trichlorophenol	ug/L	10 U	10 U	11 U	11 U	12 U		

CHERRY FARM
River Road Site
Analytical Data

Cherry Farm Groundwater 2001		Sample ID:	S-4	S-4	Equip. blank	Equip. blank RE	Equip. blank	trip blank	trip blank
		Lab Sample Id:	S7279	T6910	S7326	S7326RE	T7109	S7284	T6811
		Source:	OB	OB	OB	OB	OB	OB	OB
		SDG:	9259	739	9270	9270	764	9259	724
		Matrix:	Water	Water	Water	Water	Water	Water	Water
		Sampled:	6/19/01	12/12/01	6/20/01	6/20/01	12/13/01	6/18/01	12/11/01
		Validated							
	COMPOUND	UNITS							
	PESTICIDES								
309-00-2	Aldrin	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
319-84-6	alpha-BHC	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
5103-71-9	alpha-Chlordane	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
319-85-7	beta-BHC	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
72-54-8	4,4'-DDD	ug/L	0.1 U	0.1 U	0.11 U		0.15 U		
72-55-9	4,4'-DDE	ug/L	0.0028 BJP	0.1 U	0.0024 BJP		0.15 U		
50-29-3	4,4'-DDT	ug/L	0.1 U	0.1 U	0.11 U		0.15 U		
319-86-8	delta-BHC	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
60-57-1	Dieldrin	ug/L	0.1 U	0.0037 JP	0.11 U		0.0012 BJP		
959-98-8	Endosulfan I	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
33213-65-9	Endosulfan II	ug/L	0.1 U	0.1 U	0.11 U		0.15 U		
1031-07-8	Endosulfan sulfate	ug/L	0.1 U	0.1 U	0.11 U		0.15 U		
72-20-8	Endrin	ug/L	0.1 U	0.1 U	0.019 BJP		0.15 U		
7421-93-4	Endrin aldehyde	ug/L	0.1 U	0.011 BJP	0.11 U		0.008 BJ		
53494-70-5	Endrin ketone	ug/L	0.1 U	0.1 U	0.11 U		0.15 U		
58-89-9	gamma-BHC	ug/L	0.05 U	0.051 U	0.0021 JP		0.074 U		
5103-74-2	gamma-Chlordane	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
76-44-8	Heptachlor	ug/L	0.05 U	0.051 U	0.053 U		0.074 U		
1024-57-3	Heptachlor epoxide	ug/L	0.05 U	0.00066 JP	0.053 U		0.074 U		
72-43-5	Methoxychlor	ug/L	0.5 U	0.51 U	0.53 U		0.74 U		
8001-35-2	Toxaphene	ug/L	5 U	5.1 U	5.3 U		7.4 U		
	PCBs								
12674-11-2	Aroclor-1016	ug/L	1 U	1 U	1.1 U		1.5 U		
11104-28-2	Aroclor-1221	ug/L	2 U	2 U	2.1 U		2.9 U		
11141-16-5	Aroclor-1232	ug/L	1 U	1 U	1.1 U		1.5 U		
53469-21-9	Aroclor-1242	ug/L	1 U	1 U	1.1 U		1.5 U		
12672-29-6	Aroclor-1248	ug/L	1 U	1 U	1.1 U		1.5 U		
11097-69-1	Aroclor-1254	ug/L	1 U	1 U	1.1 U		1.5 U		
11096-82-5	Aroclor-1260	ug/L	1 U	1 U	1.1 U		1.5 U		
	INORGANICS								
7429-90-5	Aluminum	ug/L	170 B	24.7 B	12.2 B		11.7 B		
7440-36-0	Antimony	ug/L	1.4 U	2.1 U	1.4 U		2.1 U		
7440-38-2	Arsenic	ug/L	1.6 U	2.6 B	1.6 U		2.1 U		
7440-39-3	Barium	ug/L	60.3 B	137 B	0.69 B		0.58 B		
7440-41-7	Beryllium	ug/L	0.08 U	0.14 B	0.08 U		0.1 U		
7440-43-9	Cadmium	ug/L	0.24 U	0.37 U	0.32 B		0.37 U		
7440-70-2	Calcium	ug/L	139000	208000	91.6 B		21 U		
7440-47-8	Chromium	ug/L	2.5 B	11.5	1.2 B		1.3 B		
7440-48-4	Cobalt	ug/L	0.93 U	0.72 U	1.9 B		1.3 B		
7440-50-8	Copper	ug/L	3.2 B	0.47 U	0.49 U		0.47 U		
7439-89-6	Iron	ug/L	2700	57300	14.1 B		3.8 B		
7439-92-1	Lead	ug/L	0.66 U	1.5 U	0.66 U		1.5 U		
7439-95-4	Magnesium	ug/L	14400	45500	37.3 B		19.5 B		
7439-96-5	Manganese	ug/L	370	2040	1.6 B		1.8 U		
7439-97-6	Mercury	ug/L	0.18 U	0.15 U	0.18 U		0.15 U		
7440-02-0	Nickel	ug/L	2.7 B	4 B	0.89 B		1.3 B		
7440-09-7	Potassium	ug/L	23600	34700	68 B		66.1 U		
7782-49-2	Selenium	ug/L	1.8 U	2.6 B	1.8 U		2.2 U		
7440-22-4	Silver	ug/L	0.73 U	1 U	0.73 U		1 U		
7440-23-5	Sodium	ug/L	18000	64500	71.8 B		5.2 U		
7440-28-0	Thallium	ug/L	3.6 U	5.1 U	3.6 U		5.1 U		
7440-62-2	Vanadium	ug/L	1.4 B	1.6 B	0.39 B		0.69 U		
7440-66-6	Zinc	ug/L	5.6 B	1.4 U	1.1 B		1.4 U		
57-12-5	Cyanide	ug/L	11	24.5	10 U		10 U		

APPENDIX B-1
MONITORING WELL CHEMICAL ANALYSIS RESULTS
(1997 TO 2001)

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-1 162140 Columbia MW1 Water 8/12/97	MW-1 G5092 OBG 5116 Water 11/20/97	MW-1 H0915 OBG 6847 Water 2/19/98	MW-1 H7392 OBG 7810 Water 5/27/98	MW-1 J8338 OBG 9571 Water 10/21/98	MW-1 M0188 OBG 1489 Water 4/19/99
CAS NO	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	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
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	19
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	2 J	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	2 J	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
	Total VOCs			4	ND	ND	ND	6	25
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	2 JB	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
84-74-2	Di-n-butyl phthalate	50	ug/L	2 JB	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	50 (G)	ug/L	11 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
95-48-7	2-Methylphenol	1	ug/L	11 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
91-20-3	Naphthalene	10 (G)	ug/L	11 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
	Total SVOCs			4	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	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.053 U	0.00055 JP	0.05 U	0.0012 J	0.05 U	0.01 BJP
319-85-7	beta-BHC	0.04	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 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	0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 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	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.053 U	0.05 U	0.05 U	0.01 JP	0.0024 JP	0.008 BJP
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
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	0.00072 JP	0.05 U	0.003 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	0.0022 BJP	0.0013 JP
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
76-44-8	Heptachlor	0.04	ug/L	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	0.05 U	0.05 U	0.05 U	0.05 U	0.0038 J
72-43-5	Methoxychlor	35	ug/L	0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51 U
	Total Pesticides			ND	0.00055	ND	0.01192	0.0046	0.0261
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	273	1580	3080	1940	2730	830
7440-36-0	Antimony	3	ug/L	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	23.9	25	23.8	23.9	24.5
7440-39-3	Barium	1000	ug/L	733	353	447	340	353	353
7440-41-7	Beryllium	3 (G)	ug/L	0.46 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	0.48 B	0.3 U	0.49 U	0.43 U	0.62 B
7440-70-2	Calcium	NS	ug/L	188000	203000	213000	206000	214000	222000
7440-47-3	Chromium	50	ug/L	1.7 B	6.5 B	7.2 B	5 B	11.5	9 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	5.3 B	4.6 B	5.2 B	7.2 B	3.8 B
7439-89-6	Iron	300	ug/L	7410	10300	11800	11600	13100	9120
7439-92-1	Lead	25	ug/L	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	47400	52600	49200	53500	52700
7439-96-5	Manganese	300	ug/L	58.2	136	188	157	201	155
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	4.9 B	4.9 B	4.4 B	6.9 B	2.8 B
7440-09-7	Potassium	NS	ug/L	2280	1320 B	1790 B	1790 B	1390 B	1780 B
7782-49-2	Selenium	10	ug/L	1.4 UW	4 U	4 U	4.8 U	2.3 B	3.6 U
7440-22-4	Silver	50	ug/L	1.3 B	0.56 U	0.6 U	1.1 U	1.2 U	1 U
7440-23-5	Sodium	20000	ug/L	35500	33100	38800	34400	33400	39100
7440-28-0	Thallium	.5 (G)	ug/L	16	4.4 B	3.4 U	7.4 U	5.5 U	3.8 U
7440-62-2	Vanadium	NS	ug/L	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	29.5	19.3 B	25.3	55.7	13.6 B
57-12-5	Cyanide	200	ug/L	0.55 U	10 U	10 U	10 U	10 U	10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-1 N4875 OBG 3856 Water 11/9/99	MW-1RE N4875RE OBG 3856 Water 11/9/99	MW-1 Q3850 OBG 5490 Water 4/27/00	MW-1 R7149 OBG 7645 Water 12/13/00	MW-1 S7281 OBG 9259 Water 6/19/01	MW-1 T6808 OBG 724 Water 12/11/01
CAS NO	COMPOUND		UNITS						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U		10 U	10 U	2 J	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	10 U		7 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	10 U		10 U	1 J	10 U	1 JB
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 U	10 U	10 U
	Total VOCs			ND	NA	7	1	2	1
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U		10 U	10 U	2 J	10 U
85-68-7	Butyl benzyl 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
84-66-2	Diethyl phthalate	50 (G)	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
95-48-7	2-Methylphenol	1	ug/L	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
91-20-3	Naphthalene	10 (G)	ug/L	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
	Total SVOCs			ND	NA	ND	ND	2	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
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
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
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
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
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.048 U	0.05 U	0.051 U	0.05 U	0.051 U
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
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
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
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
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
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
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	4760		7170	4880 E	4760	7810
7440-36-0	Antimony	3	ug/L	2.5 U		1.9 U	1.5 U	1.4 U	2.1 U
7440-38-2	Arsenic	25	ug/L	29.9		29.4	29.7	29.6	40.6
7440-39-3	Barium	1000	ug/L	472		516	624	537	821
7440-41-7	Beryllium	3 (G)	ug/L	0.24 B		0.35 B	0.53 B	0.2 B	0.41 B
7440-43-9	Cadmium	5	ug/L	0.3 U		0.28 U	0.25 U	0.24 U	0.37 U
7440-70-2	Calcium	NS	ug/L	247000		243000	270000	232000	256000
7440-47-3	Chromium	50	ug/L	12.6 E		16.9	13.7	60.7	19
7440-48-4	Cobalt	NS	ug/L	2.8 B		3.5 B	3.4 B	2.8 B	5.9 B
7440-50-8	Copper	200	ug/L	11.3 B		13.9 B	11.7 B	10.3 B	17 B
7439-89-6	Iron	300	ug/L	16600		19900	14500	16500	22700
7439-92-1	Lead	25	ug/L	5		5.6	8.2	4.8	8.5
7439-95-4	Magnesium	35000 (G)	ug/L	64300		62900	56100	55900	66000
7439-96-5	Manganese	300	ug/L	297	299	309	344	208	387
7439-97-6	Mercury	0.7	ug/L	0.11 U		0.11 U	0.17 U	0.18 U	0.15 U
7440-02-0	Nickel	100	ug/L	11.1 BE		13.7 B	10.4 B	30.7 B	19 B
7440-09-7	Potassium	NS	ug/L	2680 B		3880 B	3320 BE	3280 B	3820 B
7782-49-2	Selenium	10	ug/L	3.2 B		3.7 U	2.1 U	1.8 U	2.2 U
7440-22-4	Silver	50	ug/L	0.78 U		0.75 U	0.73 U	0.73 U	1 U
7440-23-5	Sodium	20000	ug/L	43600 E		43600	40900	40500	42100
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U		4.9 U	3.7 U	3.6 U	5.1 U
7440-62-2	Vanadium	NS	ug/L	9.2 BE		13.2 B	8.9 B	9.1 B	15.9 B
7440-66-6	Zinc	2000 (G)	ug/L	46.4		49.4	34.6	26.6	46.2
57-12-5	Cyanide	200	ug/L	10 U		10 U	10 U	10 U	10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-2 162139 Columbia MW1 Water 8/12/97	MW-2 G5114 OBG 5116 Water 11/20/97	MW-2 H0916 OBG 6847 Water 2/19/98	MW-2 H7394 OBG 7810 Water 5/28/98	MW-2 J8340 OBG 9571 Water 10/21/98	MW-2 M0190 OBG 1489 Water 4/20/99
CAS NO	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	10 U	4 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	10 U	2 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	1 J	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	2 J	10 U
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	1	ND	ND	6	2
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	2 JB	1 J	1 J	10 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	2 JB	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
84-66-2	Diethyl phthalate	50 (G)	ug/L	1 J	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
95-48-7	2-Methylphenol	1	ug/L	11 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
91-20-3	Naphthalene	10 (G)	ug/L	11 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	4 JB	10 U	10 U	10 U	10 U	10 U
	Total SVOCs			12	1	1	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	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.053 U	0.05 U	0.05 U	0.0024 J	0.05 U	0.0089 BJ
319-85-7	beta-BHC	0.04	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 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	0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0051 JP
5103-71-9	alpha-Chlordane	0.05	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.053 U	0.05 U	0.05 U	0.0025 JP	0.0016 JP	0.013 BJP
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	0.0007 JP
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	0.003 JP	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.11 U	0.1 U	25 JP	0.1 U	0.1 U	0.00092 JP
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	0.0042 JP	0.0048 JP	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
76-44-8	Heptachlor	0.04	ug/L	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	0.05 U	0.05 U	0.00047 JP	0.05 U	0.0024 JP
72-43-5	Methoxychlor	35	ug/L	0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51 U
	Total Pesticides			ND	ND	25	0.01257	0.0064	0.03222
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	329	37800	34600	19400	17900	12100
7440-36-0	Antimony	3	ug/L	2.6 BE	2.6 U	2.6 U	2.9 U	1.3 U	2.9 B
7440-38-2	Arsenic	25	ug/L	38.7	51.1	45.2	35.7	34.6	27.5
7440-39-3	Barium	1000	ug/L	76.9 B	457	432	275	260	180 B
7440-41-7	Beryllium	3 (G)	ug/L	0.38 B	2 B	1.7 B	0.94 B	0.88 B	0.71 B
7440-43-9	Cadmium	5	ug/L	0.89 B	1.5 B	0.5 B	0.49 U	1.1 B	0.86 B
7440-70-2	Calcium	NS	ug/L	202000	459000	452000	378000	344000	347000
7440-47-3	Chromium	50	ug/L	1.5 U	94.1	89.4	77.8	103	56.3
7440-48-4	Cobalt	NS	ug/L	2.1 U	29.4 B	23.6 B	10.8 B	13.3 B	9.2 B
7440-50-8	Copper	200	ug/L	7.7 U	112	103	51.1	55.9	33.2
7439-89-6	Iron	300	ug/L	6020	79000	67700	42000	38800	27200
7439-92-1	Lead	25	ug/L	2.7 U	108	85.1	45.4	39.2	26.7
7439-95-4	Magnesium	35000 (G)	ug/L	66300	118000	118000	95400	109000	103000
7439-96-5	Manganese	300	ug/L	59.6	1920	1810	1160	1000	949
7439-97-6	Mercury	0.7	ug/L	0.2 U	0.17 B	0.2 U	0.1 B	0.15 U	0.11 U
7440-02-0	Nickel	100	ug/L	3.9 U	77.5	73.1	51.2	61.2	35 B
7440-09-7	Potassium	NS	ug/L	2200 B	7800	7460	5660	4200 B	4330 B
7782-49-2	Selenium	10	ug/L	1.4 U	6.2	4.05 U	4.8 U	2 B	3.6 U
7440-22-4	Silver	50	ug/L	0.8 U	0.56 U	0.6 U	1.1 U	1.2 U	1 U
7440-23-5	Sodium	20000	ug/L	16500	19700	20100	15900	18700	19100
7440-28-0	Thallium	.5 (G)	ug/L	27	7.6 B	6.6 B	7.4 U	5.5 U	3.8 U
7440-62-2	Vanadium	NS	ug/L	4 U	71.6	60.6	39.8 B	33.7 B	23.1 B
7440-66-6	Zinc	2000 (G)	ug/L	55.7	376	321	187	184	110
57-12-5	Cyanide	200	ug/L	0.55 U	10 U	10 U	10 U	10 U	10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-2 N4874 OBG 3856 Water 11/8/99	MW-2 Q3851 OBG 5490 Water 4/27/00	MW-2 R7150 OBG 7645 Water 12/13/00	MW-2 S7278 OBG 9259 Water 6/19/01	MW-2 T6914 OBG 739 Water 12/12/01	MW-3 162134 Columbia MW1 Water 8/12/97
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	3 J	10 U	4 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	4 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	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	1 JB	10 U
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	7	ND	4	1	ND
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	2 JP	10 U	1 J	3 JB	1 JB
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	1 JB
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	2 JB
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	11 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	11 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	11 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	11 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	11 U
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	10 U	11 U
	Total SVOCs			ND	2	ND	1	3	4
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
58-89-9	gamma-BHC	0.05	ug/L	0.037 JP	0.0052 JP	0.051 U	0.05 U	0.051 U	0.053 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 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	0.11 U
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.1 U	0.00059 JP	0.1 U	0.1 U	0.11 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.1 U	0.0029 JP	0.1 U	0.1 U	0.11 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.002 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.0069 BJ	0.11 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U	0.0028 BJP	0.5 U	0.51 U	0.53 U
	Total Pesticides			0.039	0.0052	0.00629	ND	0.0069	ND
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	23100	35500	6220 E	16300	40100	197 B
7440-36-0	Antimony	3	ug/L	2.5 U	1.9 U	1.5 U	1.4 U	2.1 U	2.2 UE
7440-38-2	Arsenic	25	ug/L	**35.9**	**43.4**	24.4	**40.9**	**57.4**	24.2
7440-39-3	Barium	1000	ug/L	291	440	130 B	247	492	188 B
7440-41-7	Beryllium	3 (G)	ug/L	1.1 B	1.7 B	0.66 B	0.75 B	2.1 B	1.8 B
7440-43-9	Cadmium	5	ug/L	0.56 B	0.93 B	0.25 U	0.24 U	1.1 B	**5.9**
7440-70-2	Calcium	NS	ug/L	345000	521000	352000	341000	514000	257000
7440-47-3	Chromium	50	ug/L	**80.2 E**	**111**	19.6	**79**	**102**	2.6 B
7440-48-4	Cobalt	NS	ug/L	13.8 B	22.6 B	3.6 B	11.6 B	32.4 B	2.4 B
7440-50-8	Copper	200	ug/L	50.1	80.8	12.1 B	40.8	96.1	7.7 U
7439-89-6	Iron	300	ug/L	**42100**	**66400**	**12900**	**40500**	**83100**	**30300**
7439-92-1	Lead	25	ug/L	**40.8**	**66.6**	13.2	**30.3**	**71.2**	2.7 U
7439-95-4	Magnesium	35000 (G)	ug/L	**115000**	**171000**	**74300**	**97000**	**153000**	**70600**
7439-96-5	Manganese	300	ug/L	**941**	**1910**	**703**	**777**	**2060**	**831**
7439-97-6	Mercury	0.7	ug/L	0.11 U	0.11 U	0.17 B	0.18 U	0.15 U	0.2 U
7440-02-0	Nickel	100	ug/L	53.2 E	76.4	13.3 B	53.7	90	3.9 U
7440-09-7	Potassium	NS	ug/L	7560	11200	35.3 BE	5870	11300	13600
7782-49-2	Selenium	10	ug/L	3 U	3.7 U	2.1 U	1.8 U	2.8 B	1.4 UW
7440-22-4	Silver	50	ug/L	0.78 U	0.75 U	0.73 U	0.73 U	1 U	1.7 B
7440-23-5	Sodium	20000	ug/L	**21400 E**	**23400**	15700	15300	17700	**129000**
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U	4.9 U	3.7 U	3.6 U	**5.3 B**	9.2 U
7440-62-2	Vanadium	NS	ug/L	40.3 BE	67.8	10.5 B	31.8 B	81.5	4 U
7440-66-6	Zinc	2000 (G)	ug/L	195	293	40.5	113	277	59.1
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U	10 U	0.55 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-3 G5115 OBG 5116 Water 11/20/97	MW-3 H0917 OBG 6847 Water 2/19/98	MW-3 H7395 OBG 7810 Water 5/28/98	MW-3 J8484 OBG 9595 Water 10/22/98	MW-3 M0191 OBG 1489 Water 4/20/99	MW-3RE M0191RE OBG 1489 Water 4/20/99
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	4 J	6 J B	
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	10 U	10 U	10 U	10 U	5 J	
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	10 U	10 U	10 U	2 J	2 J B	
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 U	10 U	10 U	
	Total VOCs			ND	ND	ND	6	13	NA
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	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
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl 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	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
	Total SVOCs			ND	ND	ND	ND	ND	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.05 U	0.0024 J	0.051 U	0.00093 BJP	
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.00073 JP	0.001 JP	0.014 BJP	
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	
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.002 JP	0.1 U	0.1 U	0.0024 JP	
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.05 U	0.051 U	0.051 U	0.0013 JP	
33213-65-9	Endosulfan II	NS	ug/L	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	0.0029 JP	0.0048 JP	0.011 BJP	0.0015 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	0.1 U	
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.05 U	0.00067 JP	0.051 U	0.0052 JP	
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.5 U	0.51 U	0.51 U	0.51 U	
	Total Pesticides			ND	0.0049	0.0086	0.012	0.02533	NA
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	3510	2060	1510	789	665	
7440-36-0	Antimony	3	ug/L	2.6 U	2.6 U	2.9 U	1.3 U	2.1 B	
7440-38-2	Arsenic	25	ug/L	7.9 B	4.2 U	9 B	6.2 B	2.6 B	
7440-39-3	Barium	1000	ug/L	254	245	187 B	157 B	153 B	
7440-41-7	Beryllium	3 (G)	ug/L	0.29 B	0.24 B	0.12 U	0.15 B	0.15 B	
7440-43-9	Cadmium	5	ug/L	0.32 B	0.3 U	0.49 U	0.43 U	0.42 U	
7440-70-2	Calcium	NS	ug/L	235000	216000	188000	172000	149000	
7440-47-3	Chromium	50	ug/L	30.5	19.5	10.8	12.7	9.4 B	
7440-48-4	Cobalt	NS	ug/L	3.1 B	1.2 U	2.3 U	2.3 U	1.6 U	
7440-50-8	Copper	200	ug/L	12.5 B	8.3 B	5.9 B	5 B	2.1 B	
7439-89-6	Iron	300	ug/L	32900	25400	21300	20800	15900	
7439-92-1	Lead	25	ug/L	6.7	2.5 B	1.8 U	2.1 B	1.1 U	
7439-95-4	Magnesium	35000 (G)	ug/L	57600	54400	45500	43500	34700	
7439-96-5	Manganese	300	ug/L	1000	934	835	734	654	
7439-97-6	Mercury	0.7	ug/L	0.14 U	0.2 U	0.09 U	0.15 U	0.11 U	
7440-02-0	Nickel	100	ug/L	18.4 B	11.2 B	8.7 B	5.8 B	6.4 B	
7440-09-7	Potassium	NS	ug/L	17400	17500	15800	13100	9730	
7782-49-2	Selenium	10	ug/L	4.1 B	4 U	4.8 U	2 U	3.6 U	
7440-22-4	Silver	50	ug/L	0.67 B	0.6 U	1.1 U	1.2 U	1 U	
7440-23-5	Sodium	20000	ug/L	118000	117000	104000	104000	83100	
7440-28-0	Thallium	.5 (G)	ug/L	4.6 B	7.3 B	7.4 U	5.5 U	3.8 U	
7440-62-2	Vanadium	NS	ug/L	9.6 B	6 B	6 B	4.2 B	4.2 B	
7440-66-6	Zinc	2000 (G)	ug/L	59.9	37.7	27.4	34.6	9.1 B	
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U	10 U	

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-3 N5015 OBG 3880 Water 11/10/99	MW-3RE N5015RE OBG 3880 Water 11/10/99	MW-3DUP N4880 OBG 3856 Water 11/10/99	MW-3 Q3846 OBG 5490 Water 4/26/00	MW-3 R7156 OBG 7645 Water 12/14/00	MW-3 S7325 OBG 9270 Water 6/20/01
CAS NO	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U		10 U	10 U	10 U	5 J
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	6 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
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	10 U		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 U	10 U	10 U
	Total VOCs			6	NA	ND	ND	ND	5
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	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
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl 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	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
	Total SVOCs			ND	ND	ND	ND	ND	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.051 U		0.051 U	0.05 U	0.05 U	0.052 U
319-84-6	alpha-BHC	0.01	ug/L	0.051 U		0.051 U	0.05 U	0.05 U	0.052 U
319-85-7	beta-BHC	0.04	ug/L	0.051 U		0.051 U	0.05 U	0.05 U	0.052 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U		0.051 U	0.05 U	0.05 U	0.052 U
58-89-9	gamma-BHC	0.05	ug/L	0.012 JP		0.051 U	0.002 JP	0.05 U	0.052 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U		0.051 U	0.05 U	0.05 U	0.052 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U		0.00078 JP	0.0027 JP	0.05 U	0.052 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	0.0055 BJP
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
60-57-1	Dieldrin	0.004	ug/L	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		0.051 U	0.05 U	0.05 U	0.052 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U		0.1 U	0.1 U	0.00082 JP	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.0018 JP		0.1 U	0.1 U	0.0035 JP	0.1 U
72-20-8	Endrin	ND	ug/L	0.1 U		0.1 U	0.1 U	0.1 U	0.017 BJP
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	0.0024 JP	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.051 U		0.051 U	0.05 U	0.05 U	0.052 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U		0.051 U	0.05 U	0.05 U	0.052 U
72-43-5	Methoxychlor	35	ug/L	0.51 U		0.51 U	0 U	0.5 U	0.52 U
	Total Pesticides			0.0138	NA	0.00078	0.0047	0.00672	0.0225
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	512		256	712	816 E	458
7440-36-0	Antimony	3	ug/L	2.5 U		2.5 U	1.9 U	1.5 U	1.4 U
7440-38-2	Arsenic	25	ug/L	2.6 B		2.5 U	3.9 B	3.9 B	2.1 B
7440-39-3	Barium	1000	ug/L	164 B		155 B	152 B	150 B	151 B
7440-41-7	Beryllium	3 (G)	ug/L	0.24 B		0.15 B	0.37 B	0.39 B	0.08 U
7440-43-9	Cadmium	5	ug/L	0.3 U		0.3 U	0.28 UU	0.25 U	0.24 U
7440-70-2	Calcium	NS	ug/L	151000		164000	141000	139000	127000
7440-47-3	Chromium	50	ug/L	14.2 E		4.3 BE	15	10.5	11.2
7440-48-4	Cobalt	NS	ug/L	1.7 U		1.7 U	0.96 U	0.86 U	0.93 U
7440-50-8	Copper	200	ug/L	2 B		0.77 B	2.3 B	2.2 B	0.92 B
7439-89-6	Iron	300	ug/L	16100		19600	16100	14600	15000
7439-92-1	Lead	25	ug/L	1.3 U		1.3 U	1.3 B	2.9 B	0.66 U
7439-95-4	Magnesium	35000 (G)	ug/L	38400		17800	35600	34500	32900
7439-96-5	Manganese	300	ug/L	631		1470	562	581	512
7439-97-6	Mercury	0.7	ug/L	0.11 U		0.11 U	0.11 U	0.17 U	0.18 U
7440-02-0	Nickel	100	ug/L	9.3 BE		1.6 BE	9.6 B	5.8 B	6 B
7440-09-7	Potassium	NS	ug/L	10200		57500	9780	9790 E	10500
7782-49-2	Selenium	10	ug/L	3 U		3 U	3.7 U	2.1 U	1.8 U
7440-22-4	Silver	50	ug/L	0.78 U		0.78 U	0.75 U	0.73 U	0.73 U
7440-23-5	Sodium	20000	ug/L	89200 E		42000 E	81700	69500	66500
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U		5.1 U	4.9 U	3.7 U	3.6 U
7440-62-2	Vanadium	NS	ug/L	3.7 BE		1.5 BE	4.4 B	4.4 B	4.4 B
7440-66-6	Zinc	2000 (G)	ug/L	26.3		10.5 B	13.3 B	18.7 B	7 B
57-12-5	Cyanide	200	ug/L	10 U		10 U	10 U	10 U	10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id Source: SDG: Matrix: Sampled: Validated:	MW-3RE S7325RE OBG 9270 Water 6/20/01	MW-3 T6809 OBG 724 Water 12/11/01	MW-4 162135 Columbia MW1 Water 8/12/97	MW-4 G5191 OBG 5116 Water 11/20/97	MW-4 H1021 OBG 6857 Water 2/20/98	MW-4 H7396 OBG 7810 Water 5/28/98
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L		10 U	10 U	2 J	3 J	2 J
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		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
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 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
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 U	10 U	10 U
	Total VOCs			NA	2	ND	2	3	2
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	2 JB	1 J	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	11 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	1 JB	10 U	10 U	10 U
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	11 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
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	11 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
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	11 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
	Total SVOCs			ND	ND	3	1	ND	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
319-86-8	delta-BHC	0.04	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
58-89-9	gamma-BHC	0.05	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L		0.051 U	0.053 U		0.051 U	0.002 JP
72-54-8	4,4'-DDD	0.3	ug/L		0.1 U	0.11 U		0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L		0.1 U	0.11 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
60-57-1	Dieldrin	0.004	ug/L		0.1 U	0.11 U		0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
33213-65-9	Endosulfan II	NS	ug/L		0.1 U	0.11 U		0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L		0.1 U	0.11 U		0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L		0.1 U	0.11 U		0.1 U	0.00073 JP
7421-93-4	Endrin aldehyde	5	ug/L		0.012 BJP	0.11 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
76-44-8	Heptachlor	0.04	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.051 U	0.053 U		0.051 U	0.05 U
72-43-5	Methoxychlor	35	ug/L		0.51 U	0.53 U		0.51 U	0.5 U
	Total Pesticides			NA	0.012	ND	NA	ND	0.00273
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L		1390	89.7 B	1460	1300	553
7440-36-0	Antimony	3	ug/L		2.1 U	2.2 UE	2.6 U	2.6 U	2.9 U
7440-38-2	Arsenic	25	ug/L		4.5 B	17.9	4.2 U	4.2 U	9.6 B
7440-39-3	Barium	1000	ug/L		142 B	308	47.6 B	53.3 B	214
7440-41-7	Beryllium	3 (G)	ug/L		0.21 B	1.1 B	0.11 B	0.09 B	0.12 U
7440-43-9	Cadmium	5	ug/L		0.37 U	5.1	3.3 B	0.39 B	0.49 U
7440-70-2	Calcium	NS	ug/L		116000	140000	59000	63600	141000
7440-47-3	Chromium	50	ug/L		26.8	1.5 U	7.6 B	5.2 B	2 B
7440-48-4	Cobalt	NS	ug/L		2.2 B	2.1 U	1.6 B	1.2 U	2.3 U
7440-50-8	Copper	200	ug/L		3.9 B	7.7 U	7.2 B	3.7 B	1.7 B
7439-89-6	Iron	300	ug/L		16700	19300	3710	1860	19400
7439-92-1	Lead	25	ug/L		3.2	2.7 U	5.9	1.1 U	1.8 U
7439-95-4	Magnesium	35000 (G)	ug/L		31200	42700	16800	17800	38900
7439-96-5	Manganese	300	ug/L		520	200	110	94.4	224
7439-97-6	Mercury	0.7	ug/L		0.15 U	0.2 U	0.14 U	0.2 U	0.09 U
7440-02-0	Nickel	100	ug/L		14.2 B	3.9 U	6.7 B	4.2 B	1.8 B
7440-09-7	Potassium	NS	ug/L		7790	1830 B	1100 B	2130 B	1120 B
7782-49-2	Selenium	10	ug/L		2.2 U	1.4 UW	4 U	4 U	4.8 U
7440-22-4	Silver	50	ug/L		1 U	0.8 U	0.56 U	0.6 U	1.1 U
7440-23-5	Sodium	20000	ug/L		62800	70700	3490 B	5100	64100
7440-28-0	Thallium	.5 (G)	ug/L		5.1 U	9.2 U	3.3 U	4.1 B	7.4 U
7440-62-2	Vanadium	NS	ug/L		6.2 B	4 U	3.5 B	3.6 B	2.7 B
7440-66-6	Zinc	2000 (G)	ug/L		28.1	87.5	51	27.6	25.1
57-12-5	Cyanide	200	ug/L		12.5	0.55 U	10 U	10 U	10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id. Source: SDG: Matrix: Sampled: Validated:	MW-4DUP H7399 OBG 7810 Water 5/28/98	MW-4 J8485 OBG 9595 Water 10/22/98	MW-4 M0194 OBG 1489 Water 4/20/99	MW-4 N5016 OBG 3880 Water 11/10/99	MW-4RE N5016RE OBG 3880 Water 11/10/99	MW-4 Q3852 OBG 5490 Water 4/27/00
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	4 J	9 J	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	10 U	10 U	11	45		1 J
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	10 U	2 J	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 U	10 U		10 U
	Total VOCs			ND	6	20	45	NA	1
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	2 J	2 J	10 U
85-68-7	Butyl benzyl 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
84-66-2	Diethyl 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	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
	Total SVOCs			ND	ND	ND	2	2	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.0017 JP	0.05 U	0.0089 BJP	0.05 U		0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.051 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.05 U	0.004 JP	0.05 U		0.0039 JP
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.00093 JP	0.05 U		0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.001 JP	0.0017 JP	0.0056 BJP	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
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.1 U	0.0007 JP	0.0012 JP		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
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.1 U	0.1 U		0.002 JP
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.05 U	0.0043 JP	0.0014 BJP		0.051 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.0008 JP	0.1 U	0.1 U		0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.0017 BJP	0.0042 JP	0.0032 JP		0.1 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	**0.0028 J**	0.1 U		0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.0028 JP	0.1 U	0.1 U		0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.0014 JP	0.1 U	0.1 U		0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.05 U	0.00034 JP	0.05 U		0.051 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.5 U	0.0033 JP	0.5 U		0.51 U
	Total Pesticides			0.0027	0.0084	0.03507	0.0058	NA	0.0059
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	453	515	451	787		670
7440-36-0	Antimony	3	ug/L	2.9 U	1.3 U	1.6 U	2.5 U		1.9 U
7440-38-2	Arsenic	25	ug/L	10.3	6.6 B	8.3 B	2.5 B		4.5 B
7440-39-3	Barium	1000	ug/L	210	176 B	175 B	61.3 B		58.2 B
7440-41-7	Beryllium	3 (G)	ug/L	0.12 U	0.07 U	0.13 U	0.05 B		0.14 U
7440-43-9	Cadmium	5	ug/L	0.49 U	0.43 U	0.88 B	0.35 B		0.59 B
7440-70-2	Calcium	NS	ug/L	140000	132000	137000	70000		104000
7440-47-3	Chromium	50	ug/L	5.5 B	7.1 B	8.9 B	7.2 BE		9.4 B
7440-48-4	Cobalt	NS	ug/L	2.3 U	2.3 U	1.6 U	1.7 U		1.7 B
7440-50-8	Copper	200	ug/L	1.9 B	2.6 B	1.8 B	3.2 B		3 B
7439-89-6	Iron	300	ug/L	**19100**	**20100**	**19400**	**2000**		**1250**
7439-92-1	Lead	25	ug/L	1.8 U	2.5 B	1.1 U	1.4 B		1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L	**38900**	**36700**	**37500**	19800		29900
7439-96-5	Manganese	300	ug/L	223	213	225	71.1		**827**
7439-97-6	Mercury	0.7	ug/L	0.09 U	0.15 U	0.11 U	0.11 U		0.11 U
7440-02-0	Nickel	100	ug/L	2.7 B	1.4 B	2.7 B	4.8 E		5.6 B
7440-09-7	Potassium	NS	ug/L	1040 B	883 B	1180 B	2500 B		1990 B
7782-49-2	Selenium	10	ug/L	4.8 U	2 U	3.6 U	3 U		3.7 U
7440-22-4	Silver	50	ug/L	1.1 U	1.2 U	1 U	0.78 U		0.75 U
7440-23-5	Sodium	20000	ug/L	**64300**	**70500**	**75000**	9540 E		5100
7440-28-0	Thallium	.5 (G)	ug/L	7.4 U	5.5 U	3.8 U	5.1 U		4.9 U
7440-62-2	Vanadium	NS	ug/L	2.7 B	1.8 B	2.6 B	1.8 BE		2 B
7440-66-6	Zinc	2000 (G)	ug/L	18.5 B	24.2	13.2 B	22.4		21
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U		10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-4DUP Q3853 OBG 5490 Water 4/27/00	MW-4 R7320 OBG 7645 Water 12/15/00	MW-4 S7324 OBG 9270 Water 6/20/01	MW-4RE S7324RE OBG 9270 Water 6/20/01	MW-4 T7107 OBG 764 Water 12/13/01	MW-5 162136 Columbia MW1 Water 8/12/97
CAS NO	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	5 J		10 U	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U		10 U	3 J
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
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	10 U	10 U	10 U		0.6 JB	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 U		10 U	10 U
	Total VOCs			ND	ND	5	NA	0.6	3
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	1 J	13 U	13 U	1 JB	2 JB
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	13 U	13 U	10 U	1 JB
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	13 U	13 U	10 U	4 JB
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	13 U	13 U	10 U	12 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	13 U	13 U	10 U	12 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	13 U	13 U	10 U	12 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	2 J	1 J	10 U	12 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	13 U	13 U	10 U	1 J
108-95-2	Phenol	1	ug/L	10 U	10 U	13 U	13 U	10 U	3 JB
	Total SVOCs			ND	1	2	1	1	11
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.0007 JP	0.0018 JP	0.052 U		0.05 U	0.053 U
319-84-6	alpha-BHC	0.01	ug/L	0.052 U	0.0013 JP	0.052 U		0.05 U	0.053 U
319-85-7	beta-BHC	0.04	ug/L	0.052 U	0.051 U	0.052 U		0.05 U	0.053 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U	0.00074 BJP	0.052 U		0.05 U	0.053 U
58-89-9	gamma-BHC	0.05	ug/L	0.0039 JP	0.051 U	0.052 U		0.05 U	0.053 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.052 U	0.051 U	0.052 U		0.05 U	0.053 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.051 U	0.052 U		0.0043 JP	0.053 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U	0.1 U		0.1 U	0.11 U
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.0026 JP	0.005 BJP		0.1 U	0.11 U
50-29-3	4,4'-DDT	0.2	ug/L	0.0017 JP	0.1 U	0.1 U		0.1 U	0.11 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.0015 JP	0.1 U		0.0074 BJP	0.11 U
959-98-8	Endosulfan I	NS	ug/L	0.052 U	0.051 U	0.052 U		0.05 U	0.053 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.1 U		0.0011 JP	0.11 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.0011 JP	0.1 U		0.1 U	0.11 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.00085 JP	0.038 BJP		0.1 U	0.11 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.1 U	0.1 U		0.015 BJP	0.11 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.003 JP	0.1 U		0.1 U	0.11 U
76-44-8	Heptachlor	0.04	ug/L	0.052 U	0.051 U	0.052 U		0.0049 J	0.053 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.052 U	0.051 U	0.052 U		0.0032 JP	0.053 U
72-43-5	Methoxychlor	35	ug/L	0.52 U	0.51 U	0.52 U		0.5 U	0.53 U
	Total Pesticides			0.00293	0.01289	0.043	NA	0.0359	ND
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	683	1090 E	1090		2980	114 B
7440-36-0	Antimony	3	ug/L	1.9 U	1.5 U	1.4 U		2.1 U	2.2 UE
7440-38-2	Arsenic	25	ug/L	4.2 B	2 U	8 B		26.6	15.6
7440-39-3	Barium	1000	ug/L	58.6 B	51.9 B	79.6 B		118 B	171 B
7440-41-7	Beryllium	3 (G)	ug/L	0.14 U	0.31 B	0.08 U		0.26 B	1.8 B
7440-43-9	Cadmium	5	ug/L	0.69 B	0.73 B	1.8 B		2.3 B	6.6
7440-70-2	Calcium	NS	ug/L	104000	83700	101000		114000	196000
7440-47-3	Chromium	50	ug/L	9.8 B	6.8 B	10.5		17.7	1.5 U
7440-48-4	Cobalt	NS	ug/L	1.5 B	0.86 U	2.6 B		4 B	3 B
7440-50-8	Copper	200	ug/L	3 B	4.4 B	2.9 B		5.6 B	7.7 U
7439-89-6	Iron	300	ug/L	1300	1960	7080		17600	32800
7439-92-1	Lead	25	ug/L	1.2 B	3	3 B		8.7	2.7 U
7439-95-4	Magnesium	35000 (G)	ug/L	29800	24200	28300		31400	51800
7439-96-5	Manganese	300	ug/L	860	104	1840		1530	226
7439-97-6	Mercury	0.7	ug/L	0.11 U	0.17 U	0.18 U		0.15 U	0.2 U
7440-02-0	Nickel	100	ug/L	6.5 B	4 B	8.1 B		10.1 B	3.9 U
7440-09-7	Potassium	NS	ug/L	1990 B	2720 BE	2870 B		5110	4220 B
7782-49-2	Selenium	10	ug/L	3.7 U	2.1 U	1.8 U		2.2 U	1.4 UW
7440-22-4	Silver	50	ug/L	0.75 U	0.73 U	0.73 U		1 U	0.8 U
7440-23-5	Sodium	20000	ug/L	5100	4750 B	42400		115000	49800
7440-28-0	Thallium	.5 (G)	ug/L	4.9 U	3.7 U	3.6 U		5.1 U	13.5
7440-62-2	Vanadium	NS	ug/L	2.4 B	2.9 B	6.5 B		12.7 B	4 U
7440-66-6	Zinc	2000 (G)	ug/L	24	16.8 B	20.1		36.1	64.1
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U		10 U	4.7 B

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-5 G5119 OBG 5116 Water 11/20/97	MW-5 H1022 OBG 6857 Water 2/20/98	MW-5 H7532 OBG 7830 Water 5/29/98	MW-5RE H7532RE OBG 7830 Water 5/29/98	MW-5 J8487 OBG 9595 Water 10/22/98	MW-5 M0195 OBG 1489 Water 4/20/99
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	5 J	10		19	7 J
71-43-2	Benzene	1	ug/L	**25**	**92**	**97**		**110**	**110**
78-93-3	2-Butanone	50	ug/L	10 U	2 J	10 U		10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U		10 U	6 J
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	5 J	**8 J**		**10 J**	**10 J**
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U		1 J	10 U
100-42-5	Styrene	5	ug/L	10 U	2 J	1 J		1 J	2 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	4 J	**28**	**35**		**28**	**15**
1330-20-7	Xylene (total)	5	ug/L	2 J	**29**	**42**		**40**	**40**
	Total VOCs			31	161	193	NA	208	190
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	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
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl 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	**7 J**	**25**	**30**	**31**	**23**	**18**
95-48-7	2-Methylphenol	1	ug/L	**2 J**	**6 J**	**6 J**	**5 J**	**4 J**	**3 J**
106-44-5	4-Methylphenol	1	ug/L	**4 J**	**9 J**	10 U	10 U	1 J	**6 J**
91-20-3	Naphthalene	10 (G)	ug/L	4 J	8 J	4 J	4 J	9 J	10 J
108-95-2	Phenol	1	ug/L	**3 J**	**6 J**	**2 J**	**2 J**	1 J	**4 J**
	Total SVOCs			20	54	42	42	38	41
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.051 U	0.05 U	0.051 U		0.051 U	**0.0016 JP**
319-84-6	alpha-BHC	0.01	ug/L	0.051 U	0.05 U	0.051 U		0.051 U	0.0069 BJP
319-85-7	beta-BHC	0.04	ug/L	0.051 U	0.05 U	0.051 U		0.051 U	0.051 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U	0.05 U	0.051 U		0.0015 J	0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U	0.0037 JP	0.0041 JP		0.051 U	0.0085 J
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U	0.05 U	0.051 U		0.051 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.05 U	0.051 U		0.0047 JP	0.0018 BJP
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		0.0011 JP	0.0014 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
60-57-1	Dieldrin	0.004	ug/L	0.1 U	**0.0095 JP**	0.003 JP		0.1 U	0.0036 JP
959-98-8	Endosulfan I	NS	ug/L	0.051 U	0.05 U	0.051 U		0.051 U	0.0025 JP
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.0026 J	0.0011 BJP		0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.0067 JP		0.0037 BJP	0.004 JP
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	**0.0078 JP**		0.1 U	**0.0055 JP**
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	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.051 U	0.05 U	0.0047 JP		0.0031 JP	0.00072 JP
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U	0.003 JP	0.051 U		0.0015 JP	0.0017 JP
72-43-5	Methoxychlor	35	ug/L	0.51 U	0.5 U	0.51 U		0.51 U	0.0061 J
	Total Pesticides			ND	0.0188	0.0274	NA	0.0156	0.04432
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	2630	1100	503		634	499
7440-36-0	Antimony	3	ug/L	2.6 U	2.6 U	2.9 U		2.9 B	2.5 B
7440-38-2	Arsenic	25	ug/L	11.4	11.4	10.5		10.1	8.6 B
7440-39-3	Barium	1000	ug/L	324	156 B	114 B		109 B	139 B
7440-41-7	Beryllium	3 (G)	ug/L	0.17 B	0.2 B	0.12 U		0.17 B	0.19 B
7440-43-9	Cadmium	5	ug/L	0.24 U	0.3 U	0.49 U		0.43 U	0.42 U
7440-70-2	Calcium	NS	ug/L	153000	51600	38500		36100	44900
7440-47-3	Chromium	50	ug/L	23	8.9 B	8 B		9.8 B	25.4
7440-48-4	Cobalt	NS	ug/L	1.1 U	1.2 U	2.3 U		2.3 U	1.6 U
7440-50-8	Copper	200	ug/L	13.1 B	13.4 B	17.5 B		14.1 B	12.9 B
7439-89-6	Iron	300	ug/L	**24200**	**12800**	**10200**		**12200**	**13400**
7439-92-1	Lead	25	ug/L	7.7	6.7	6.3		6.6	4.6
7439-95-4	Magnesium	35000 (G)	ug/L	**41700**	14600	10100		9220	11200
7439-96-5	Manganese	300	ug/L	259	189	160		197	213
7439-97-6	Mercury	0.7	ug/L	0.14 U	0.2 U	0.09 U		0.15 U	0.11 U
7440-02-0	Nickel	100	ug/L	12.8 B	4.9 B	4.6 B		4.3 B	12.4 B
7440-09-7	Potassium	NS	ug/L	8010	25100	28600		29300	41700
7782-49-2	Selenium	10	ug/L	4 U	4 U	4.8 U		2 U	3.6 U
7440-22-4	Silver	50	ug/L	0.92 B	0.6 U	1.1 U		1.2 U	1 U
7440-23-5	Sodium	20000	ug/L	**47700**	**98000**	**108000**		**97600**	**102000**
7440-28-0	Thallium	.5 (G)	ug/L	**3.9 B**	3.4 U	7.4 U		5.5 U	3.8 U
7440-62-2	Vanadium	NS	ug/L	8.5 B	9.9 B	9.6 B		8.6 B	8.9 B
7440-66-6	Zinc	2000 (G)	ug/L	37.7	24.2	34.9		55.8	18.8 B
57-12-5	Cyanide	200	ug/L	19.5	41.6	12.5		30	36

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-5RE M0195RE OBG 1489 Water 4/20/99	MW-5 N5017 OBG 3880 Water 11/10/99	MW-5RE N5017RE OBG 3880 Water 11/10/99	MW-5 Q4026 OBG 5512 Water 4/28/00	MW-5 R7321 OBG 7645 Water 12/15/00	MW-5 S7323 OBG 9270 Water 6/20/01
CAS NO	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L		10 U		10 U	7 J	6 J
71-43-2	Benzene	1	ug/L		10 U		47	84	57
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		3 J	10 U	10 U
75-00-3	Chloroethane	5	ug/L		10 U		10 U	10 U	2 J
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	10 U	2 J
100-41-4	Ethylbenzene	5	ug/L		7 J		3 J	8 J	6 J
75-09-2	Methylene chloride	5	ug/L		10 U		10 U	10 U	10 U
100-42-5	Styrene	5	ug/L		10 U		10 U	1 J	10 U
127-18-4	Tetrachloroethene	5	ug/L		10 U		10 U	10 U	10 U
108-88-3	Toluene	5	ug/L		10 U		3 J	8 J	6 J
1330-20-7	Xylene (total)	5	ug/L		25		9 J	27	18
	Total VOCs			NA	32	NA	65	135	97
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	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
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl 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	17	3 J	3 J	8 J	20	9 J
95-48-7	2-Methylphenol	1	ug/L	4 J	10 U	10 U	2 J	2 J	10 U
106-44-5	4-Methylphenol	1	ug/L	7 J	10 U	10 U	2 J	4 J	3 J
91-20-3	Naphthalene	10 (G)	ug/L	10 J	3 J	3 J	10 J	8 J	1 J
108-95-2	Phenol	1	ug/L	4 J	10 U	10 U	3 J	2 J	2 J
	Total SVOCs			42	6	6	15	36	15
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L		0.051 U		0.0016 JP	0.0031 JP	0.052 U
319-84-6	alpha-BHC	0.01	ug/L		0.051 U		0.051 U	0.0012 JP	0.052 U
319-85-7	beta-BHC	0.04	ug/L		0.051 U		0.051 U	0.051 U	0.052 U
319-86-8	delta-BHC	0.04	ug/L		0.051 U		0.051 U	0.051 U	0.052 U
58-89-9	gamma-BHC	0.05	ug/L		0.016 JP		0.036 JP	0.051 U	0.052 U
5103-71-9	alpha-Chlordane	0.05	ug/L		0.051 U		0.051 U	0.051 U	0.052 U
5103-74-2	gamma-Chlordane	0.05	ug/L		0.051 U		0.0031 JP	0.051 U	0.052 U
72-54-8	4,4'-DDD	0.3	ug/L		0.1 U		0.0033 JP	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
50-29-3	4,4'-DDT	0.2	ug/L		0.0015 JP		0.1 I	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L		0.0071 JP		0.0021 JP	0.0011 JP	0.1 U
959-98-8	Endosulfan I	NS	ug/L		0.013 BJP		0.051 U	0.0024 JP	0.052 U
33213-65-9	Endosulfan II	NS	ug/L		0.1 U		0.1 U	0.0021 JP	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L		0.0044 JP		0.1 U	0.0021 JP	0.1 U
72-20-8	Endrin	ND	ug/L		0.0029 JP		0.1 U	0.0056 JP	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L		0.1 U		0.1 U	0.0017 JP	0.1 U
53494-70-5	Endrin ketone	5	ug/L		0.1 U		0.1 U	0.1 U	0.1 U
76-44-8	Heptachlor	0.04	ug/L		0.0024 JP		0.00069 JP	0.051 U	0.052 U
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.0058 J		0.0023 BJP	0.0017 JP	0.052 U
72-43-5	Methoxychlor	35	ug/L		0.51 U		0.51 U	0.51 U	0.52 U
	Total Pesticides			NA	0.0531	NA	0.04909	0.021	ND
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L		1140		298	697 E	346
7440-36-0	Antimony	3	ug/L		2.5 U		1.9 U	1.5 U	1.4 U
7440-38-2	Arsenic	25	ug/L		7.9 B		9	9.8 B	7.5 B
7440-39-3	Barium	1000	ug/L		167 B		204	148 B	172 B
7440-41-7	Beryllium	3 (G)	ug/L		0.19 B		0.18 B	0.46 B	0.08 U
7440-43-9	Cadmium	5	ug/L		0.3 U		0.28 U	0.25 U	0.24 U
7440-70-2	Calcium	NS	ug/L		59300		133000	53000	68700
7440-47-3	Chromium	50	ug/L		20.7 E		13.9	14.1	15.6
7440-48-4	Cobalt	NS	ug/L		1.7 U		0.96 U	0.86 U	0.93 U
7440-50-8	Copper	200	ug/L		15.8 B		9.1 B	15.4 B	10 B
7439-89-6	Iron	300	ug/L		16800		24100	10200	12200
7439-92-1	Lead	25	ug/L		7.8		2.3 B	8.3	4.2
7439-95-4	Magnesium	35000 (G)	ug/L		15700		34700	14300	19700
7439-96-5	Manganese	300	ug/L		249		203	162	178
7439-97-6	Mercury	0.7	ug/L		0.11 U		0.12 B	0.17 U	0.18 U
7440-02-0	Nickel	100	ug/L		9.7 BE		4.5 B	5.5 B	6.7 B
7440-09-7	Potassium	NS	ug/L		34700		17400	27800 E	22600
7782-49-2	Selenium	10	ug/L		3 U		3.7 U	2.1 U	1.8 U
7440-22-4	Silver	50	ug/L		0.78 U		0.75 U	0.73 U	0.73 U
7440-23-5	Sodium	20000	ug/L		101000 E		76800	93400	85800
7440-28-0	Thallium	.5 (G)	ug/L		5.1 U		4.9 U	3.7 U	3.6 U
7440-62-2	Vanadium	NS	ug/L		9.9 BE		4.8 B	8.5 B	6.3 B
7440-66-6	Zinc	2000 (G)	ug/L		28.4		10 B	13.3 B	10.3 B
57-12-5	Cyanide	200	ug/L		33.5		15.8 U	36.8	23

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-5RE S7323RE OBG 9270 Water 6/20/01	MW-5 T7108 OBG 764 Water 12/13/01	MW-5RE T7108RE OBG 764 Water 12/13/01	MW-6 162137 Columbia MW1 Water 8/12/97	MW-6 G5189 OBG 5116 Water 11/20/97	MW-6 H1023 OBG 6857 Water 2/20/98
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L		10 U		10 U	10 U	10 U
71-43-2	Benzene	1	ug/L		63		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 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
74-87-3	Chloromethane	5	ug/L		10 U		10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L		4 J		10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L		0.7 JB		10 U	10 U	10 U
100-42-5	Styrene	5	ug/L		0.8 J		10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L		10 U		10 U	10 U	10 U
108-88-3	Toluene	5	ug/L		4 J		10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L		19		10 U	10 U	10 U
	Total VOCs			NA	90.8	NA	ND	ND	ND
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	2 JB	1 JB	11 U	10 U	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	11 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	1 JB	10 U	10 U
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	11 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	8 J	9 J	8 J	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
106-44-5	4-Methylphenol	1	ug/L	3 J	10 U	10 U	11 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	2 J	1 J	1 J	11 U	10 U	10 U
108-95-2	Phenol	1	ug/L	2 J	3 J	10 U	11 U	10 U	10 U
	Total SVOCs			15	15	10	1	ND	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L		0.052 U		0.053 U	0.05 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L		0.052 U		0.053 U	0.05 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L		0.052 U		0.053 U	0.05 U	0.05 U
319-86-8	delta-BHC	0.04	ug/L		0.052 U		0.053 U	0.05 U	0.05 U
58-89-9	gamma-BHC	0.05	ug/L		0.052 U		0.053 U	0.05 U	0.0032 JP
5103-71-9	alpha-Chlordane	0.05	ug/L		0.0011 JP		0.053 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L		0.018 JP		0.053 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
72-55-9	4,4'-DDE	0.2	ug/L		0.1 U		0.11 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L		0.0037 JP		0.11 U	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L		0.012 BJ		0.11 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L		0.052 U		0.053 U	0.05 U	0.05 U
33213-65-9	Endosulfan II	NS	ug/L		0.00076 JP		0.11 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L		0.1 U		0.11 U	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L		0.1 U		0.11 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L		0.0088 BJP		0.11 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
76-44-8	Heptachlor	0.04	ug/L		0.0054 JP		0.053 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.002 JP		0.053 U	0.05 U	0.05 U
72-43-5	Methoxychlor	35	ug/L		0.52 U		0.53 U	0.5 U	0.5 U
	Total Pesticides			NA	0.05716	NA	ND	ND	0.0032
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L		801		35.2 B	51.5 B	84.4 B
7440-36-0	Antimony	3	ug/L		2.1 U		2.2 UE	2.7 B	2.6 U
7440-38-2	Arsenic	25	ug/L		11.5		8 B	4.2 U	4.2 U
7440-39-3	Barium	1000	ug/L		193 B		109 B	157 B	134 B
7440-41-7	Beryllium	3 (G)	ug/L		0.24 B		0.95 B	0.06 U	0.07 B
7440-43-9	Cadmium	5	ug/L		0.4 B		3 B	0.24 U	0.3 U
7440-70-2	Calcium	NS	ug/L		62400		123000	168000	165000
7440-47-3	Chromium	50	ug/L		19		1.5 U	2.9 B	2.8 B
7440-48-4	Cobalt	NS	ug/L		1.8 B		2.1 U	1.1 U	1.2 U
7440-50-8	Copper	200	ug/L		16.8 B		7.7 U	0.97 B	1.1 B
7439-89-6	Iron	300	ug/L		14900		14600	20700	22400
7439-92-1	Lead	25	ug/L		8.2		2.7 U	1 U	1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L		19500		24900	25600	25700
7439-96-5	Manganese	300	ug/L		231		1010	1420	1590
7439-97-6	Mercury	0.7	ug/L		0.15 U		0.2 U	0.14 U	0.2 U
7440-02-0	Nickel	100	ug/L		8.6 B		3.9 U	0.71 B	0.8 U
7440-09-7	Potassium	NS	ug/L		32700		12300	22900	23100
7782-49-2	Selenium	10	ug/L		2.2 B		1.4 UW	4 U	4 U
7440-22-4	Silver	50	ug/L		1 U		1.5 B	0.64 B	0.75 B
7440-23-5	Sodium	20000	ug/L		94700		28700	35900	36300
7440-28-0	Thallium	.5 (G)	ug/L		5.1 U		9.2 U	6 B	6.2 B
7440-62-2	Vanadium	NS	ug/L		9.3 B		4 U	1.1 B	1.3 B
7440-66-6	Zinc	2000 (G)	ug/L		12.4 B		48.8	4.8 B	11.7 B
57-12-5	Cyanide	200	ug/L		38.7		5.5	20.7	10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 H7533 OBG 7830 Water 5/29/98	MW-6 J8491 OBG 9596 Water 10/23/98	MW-6 M0298 OBG 1516 Water 4/21/99	MW-6RE M0298RE OBG 1516 Water 4/21/99	MW-6 N4878 OBG 3856 Water 11/9/99	MW-6 Q4027 OBG 5512 Water 4/28/00
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	7 J B	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	10 U	10 U	4 J		6 J	7 J
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	10 U	10 U	1 J B		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 U		10 U	10 U
	Total VOCs			ND	7	5	NA	6	7
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	10 U	10 U	10 U	10 U	1 J
85-68-7	Butyl benzyl 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
84-66-2	Diethyl 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	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
	Total SVOCs			ND	ND	ND	ND	ND	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.05 U	0.05 U	0.05 U		0.05 U	**0.012 J**
319-84-6	alpha-BHC	0.01	ug/L	0.00061 BJP	0.05 U	0.05 U		0.05 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U		0.05 U	0.051 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U		0.05 U	0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.05 U	0.05 U		0.05 U	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.05 U		0.05 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.0027 BJP	0.0021 JP	0.0083 JP		0.05 U	0.0035 JP
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	0.00066 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	0.1 U		0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.0021 J	0.1 U		0.1 U	0.0032 JP
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.05 U	0.0014 JP		0.05 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
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.0023 JP	0.1 U		0.1 U	0.1 U
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	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.05 U	0.05 U		0.05 U	0.0017 JP
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.00052 BJP	0.05 U	0.0027 JP		0.05 U	0.00066 BJP
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.5 U	0.5 U		0.5 U	0.051 U
	Total Pesticides			0.00383	0.00716	0.0124	NA	ND	0.02106
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	35.5 B	56.3 B	53.4 B		253	56.8 B
7440-36-0	Antimony	3	ug/L	2.9 U	1.9 B	1.6 U		2.5 U	1.9 U
7440-38-2	Arsenic	25	ug/L	4.2 U	3.1 U	1.9 U		2.5 U	2.2 U
7440-39-3	Barium	1000	ug/L	126 B	131 B	137 B		158 B	165 B
7440-41-7	Beryllium	3 (G)	ug/L	0.12 U	0.07 U	0.13 U		0.07 B	0.14 U
7440-43-9	Cadmium	5	ug/L	0.49 U	0.53 B	0.42 U		0.3 U	0.28 U
7440-70-2	Calcium	NS	ug/L	166000	161000	159000		167000	252000
7440-47-3	Chromium	50	ug/L	1.6 U	4.9 B	3 B		3.9 BE	7.6 B
7440-48-4	Cobalt	NS	ug/L	2.3 U	2.3 U	1.6 U		1.7 U	0.96 U
7440-50-8	Copper	200	ug/L	0.84 U	1.3 B	0.49 U		0.83 B	0.53 U
7439-89-6	Iron	300	ug/L	**21600**	**18100**	**17500**		**19600**	**33100**
7439-92-1	Lead	25	ug/L	1.8 U	2.1 U	1.1 U		1.3 U	1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L	24400	19500	16400		17800	**36000**
7439-96-5	Manganese	300	ug/L	**1610**	**1150**	**1220**		**1470**	**2100**
7439-97-6	Mercury	0.7	ug/L	0.09 U	0.15 U	0.11 U		0.11 U	0.11 U
7440-02-0	Nickel	100	ug/L	1.4 U	0.9 U	1.3 U		1.3 BE	3.1 U
7440-09-7	Potassium	NS	ug/L	25600	36900	54100		57900	56600
7782-49-2	Selenium	10	ug/L	4.8 U	2 U	3.6 U		3 U	3.7 U
7440-22-4	Silver	50	ug/L	1.1 U	1.2 U	1 U		0.78 U	0.75 U
7440-23-5	Sodium	20000	ug/L	**33600**	**32800**	**36500**		**43500 E**	**58300**
7440-28-0	Thallium	.5 (G)	ug/L	7.4 U	5.5 U	3.8 U		5.1 U	4.9 U
7440-62-2	Vanadium	NS	ug/L	1.4 B	1.2 U	1.4 B		1.4 BE	0.66 BJP
7440-66-6	Zinc	2000 (G)	ug/L	1.9 B	7.4 B	7.5 B		41.6	3.3 BJP
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U		10 U	23

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id Source: SDG: Matrix: Sampled: Validated:	MW-6 R7179 OBG 7645 Water 12/14/00	MW-6 S7280 OBG 9259 Water 6/19/01	MW-6 T6911 OBG 739 Water 12/12/01	MW-6DUP T6912 OBG 739 Water 12/12/01	MW-7 162138 Columbia MW1 Water 8/12/97	MW-7 G5190 OBG 5116 Water 11/20/97
CAS NO	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	3 J	5 J	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
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	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	1 JB	1 JB	10 U	10 U
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			3	5	1	1	ND	ND
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	10 U	3 J	1 JB	4 JB	2 JB	10 U
85-68-7	Butyl benzyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	1 JB	10 U
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	3 JB	10 U
84-66-2	Diethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U	11 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10 U	10 U	10 U	10 U	11 U	10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	11 U	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	10 U	10 U	11 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 J	8 J
108-95-2	Phenol	1	ug/L	10 U	10 U	10 U	10 U	2 JB	10 U
	Total SVOCs			ND	3	1	4	28	8
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.0017 JP	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.052 U	0.051 U	0.0043 J	0.053 U	0.05 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.052 U	0.051 U	0.0029 JP	0.053 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	0.11 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.0027 BJ	0.1 U	0.1 U	0.11 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.0033 JP	0.1 U	0.1 U	0.11 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
72-20-8	Endrin	ND	ug/L	0.00069 JP	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 U	0.1 U	0.01 BJP	0.011 BJP	0.11 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.00057 JP	0.052 U	0.051 U	0.051 U	0.053 U	0.05 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.52 U	0.51 U	0.51 U	0.53 U	0.5 U
	Total Pesticides			0.00296	0.006	0.01	0.0183	ND	ND
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	95.5 BE	263	160 B	153 B	122	24900
7440-36-0	Antimony	3	ug/L	1.5 U	1.4 U	2.1 U	2.1 U	2.2 UE	8.6 B
7440-38-2	Arsenic	25	ug/L	2 U	1.6 U	2.1 U	2.1 U	24.2	52.2
7440-39-3	Barium	1000	ug/L	158 B	154 B	149 B	147 B	246	637
7440-41-7	Beryllium	3 (G)	ug/L	0.29 B	0.08 U	0.11 B	0.13 B	1.2 B	1.8 B
7440-43-9	Cadmium	5	ug/L	0.25 U	0.24 U	0.37 U	0.37 U	4 B	1.1 B
7440-70-2	Calcium	NS	ug/L	247000	254000	235000	233000	60800	214000
7440-47-3	Chromium	50	ug/L	6.8 B	6.1 B	6.8 B	6.7 B	1.5 U	77.2
7440-48-4	Cobalt	NS	ug/L	0.86 U	0.93 U	0.72 U	0.72 U	2.1 U	17.6 B
7440-50-8	Copper	200	ug/L	0.52 U	1.8 B	0.46 U	0.46 U	7.7 U	56
7439-89-6	Iron	300	ug/L	46900	66600	54000	52500	17900	75100
7439-92-1	Lead	25	ug/L	2.9 B	0.66 U	1.6 B	1.5 U	2.7 U	53.2
7439-95-4	Magnesium	35000 (G)	ug/L	49200	61500	49500	48700	7880	41900
7439-96-5	Manganese	300	ug/L	3310	4620	4190	4100	226	1790
7439-97-6	Mercury	0.7	ug/L	0.17 U	0.18 U	0.15 U	0.15 U	0.2 U	0.14 U
7440-02-0	Nickel	100	ug/L	0.72 U	0.71 U	1.4 B	1.3 U	3.9 U	54.8
7440-09-7	Potassium	NS	ug/L	32800 E	31300	51800	50700	8780	6220
7782-49-2	Selenium	10	ug/L	2.1 U	2.7 B	2.2 U	2.5 B	1.4 UW	5
7440-22-4	Silver	50	ug/L	0.73 U	0.73 U	1 U	1 U	1.4 B	0.56 U
7440-23-5	Sodium	20000	ug/L	62400	70000	66400	65100	22800	26100
7440-28-0	Thallium	.5 (G)	ug/L	3.7 U	3.6 U	5.1 U	5.1 U	9.2 U	6.9 B
7440-62-2	Vanadium	NS	ug/L	1 B	1.6 B	1.8 B	1.2 B	4 U	42.5 B
7440-66-6	Zinc	2000 (G)	ug/L	2.2 B	8.6 B	5.6 B	1.4 U	62.7	307
57-12-5	Cyanide	200	ug/L	11.7	12	10 U	10.2	7.4	31

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-7 H1024 OBG 6857 Water 2/20/98	MW-7 H7534 OBG 7830 Water 5/29/98	MW-7 J8492 OBG 9596 Water 10/23/98	MW-7 M0299 OBG 1516 Water 4/21/99	MW-7RE M0299RE OBG 1516 Water 4/21/99	MW-7 N4879 OBG 3856 Water 11/9/99
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	8 J B	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	10 U	10 U	10 U	11		8 J
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	10 U	10 U	1 J	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	1 J	10 U		10 U
	Total VOCs			ND	ND	10	11	NA	8
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	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
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl 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	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	3 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
	Total SVOCs			3	1	ND	ND	ND	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.052 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.00044 BJP	0.05 U	0.0061 BJ		0.052 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.052 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.052 U
58-89-9	gamma-BHC	0.05	ug/L	0.0055 J	0.00091 JP	0.05 U	0.05 U		0.012 JP
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.052 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.0042 BJP	0.0037 JP	0.008 JP		0.052 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
60-57-1	Dieldrin	0.004	ug/L	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	0.05 U	0.05 U	0.0012 JP		0.052 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.00072 BJP	0.1 U	0.1 U		0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.0033 JP	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	0.1 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	0.0013 JP	0.1 U		0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.05 U		0.052 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.05 U	0.05 U	0.05 U	0.0048 J		0.052 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.5 U	0.5 U	0.5 U		0.52 U
	Total Pesticides			0.0088	0.00627	0.005	0.0201	NA	0.012
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L	1540	398	189 B	316		711
7440-36-0	Antimony	3	ug/L	2.6 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	3.1 U	1.9 U		2.5 U
7440-39-3	Barium	1000	ug/L	543	612	616	575		614
7440-41-7	Beryllium	3 (G)	ug/L	0.13 B	0.12 U	0.07 U	0.13 U		0.26 B
7440-43-9	Cadmium	5	ug/L	0.3 U	0.49 U	0.43 U	0.42 U		0.3 U
7440-70-2	Calcium	NS	ug/L	104000	106000	103000	110000		111000
7440-47-3	Chromium	50	ug/L	7.4 B	1.6 U	6.3 B	8.5 B		7.4 BE
7440-48-4	Cobalt	NS	ug/L	1.2 U	2.3 U	2.3 U	1.6 U		1.7 U
7440-50-8	Copper	200	ug/L	3.2 B	1.3 B	2.2 B	2.7 B		3.3 B
7439-89-6	Iron	300	ug/L	13100	11200	11200	12300		14300
7439-92-1	Lead	25	ug/L	1.1 U	1.8 U	2.1 U	1.1 U		1.3 U
7439-95-4	Magnesium	35000 (G)	ug/L	21100	20800	21400	22000		22600
7439-96-5	Manganese	300	ug/L	177	126	121	149		170
7439-97-6	Mercury	0.7	ug/L	0.2 U	0.09 U	0.15 U	0.11 U		0.11 U
7440-02-0	Nickel	100	ug/L	2.7 B	2 B	1.4 B	3.5 B		4.5 BE
7440-09-7	Potassium	NS	ug/L	2170 B	2310 B	1200 B	2170 B		2440 B
7782-49-2	Selenium	10	ug/L	4 U	4.8 U	2 U	3.6 U		3 U
7440-22-4	Silver	50	ug/L	0.6 U	1.1 U	1.2 U	1 U		0.78 U
7440-23-5	Sodium	20000	ug/L	22300	20900	22100	23700		25700 E
7440-28-0	Thallium	.5 (G)	ug/L	3.6 B	7.4 U	5.5 U	3.8 U		5.1 U
7440-62-2	Vanadium	NS	ug/L	3.4 B	1.8 B	1.2 U	1.4 B		2.2 BE
7440-66-6	Zinc	2000 (G)	ug/L	15.1 B	13.4 B	23.2	18.2 B		18.3 B
57-12-5	Cyanide	200	ug/L	13	10 U	10 U	10 U		10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-7RE N4879RE OBG 3856 Water 11/9/99	MW-7 Q4029 OBG 5512 Water 4/28/00	MW-7 R7151 OBG 7645 Water 12/13/00	MW-7 S7277 OBG 9259 Water 6/18/01	MW-7 T6913 OBG 739 Water 12/12/01	MW-7DUP S7276 OBG 9259 Water 6/18/01
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/L		10 U	8 J	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		4 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
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		10 U	1 J	10 U	0.9 JB	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	1 J	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 U	10 U	10 U
	Total VOCs			NA	4	10	NA	0.9	ND
	SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L		10 U	10 U	4 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
84-74-2	Di-n-butyl phthalate	50	ug/L		10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	50 (G)	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
95-48-7	2-Methylphenol	1	ug/L		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
91-20-3	Naphthalene	10 (G)	ug/L		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
	Total SVOCs			NA	ND	ND	4	ND	ND
	PESTICIDES								
309-00-2	Aldrin	ND	ug/L	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
319-86-8	delta-BHC	0.04	ug/L	0.047 U	0.05 U	0.00061 BJP	0.05 U	0.051 U	0.05 U
58-89-9	gamma-BHC	0.05	ug/L	0.047 U	0.0029 JP	0.051 U	0.05 U	0.0039 J	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.047 U	0.0042 JP	0.051 U	0.05 U	0.051 U	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L	0.094 U	0.1 U	0.003 JP	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.094 U	0.1 U	0.1 U	0.003 BJP	0.1 U	0.0024 BJP
50-29-3	4,4'-DDT	0.2	ug/L	0.094 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.094 U	0.1 U	0.1 U	0.1 U	**0.0027 J**	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
33213-65-9	Endosulfan II	NS	ug/L	0.094 U	0.1 U	0.00089 JP	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.094 U	0.1 U	0.1 JP	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L	0.094 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.094 U	0.1 U	0.1 U	0.1 U	0.021 BJ	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.094 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.047 U	0.0018 BJP	0.051 U	0.05 U	0.051 U	0.05 U
72-43-5	Methoxychlor	35	ug/L	0.47 U	0.5 U	0.044 BJP	0.5 U	0.51 U	0.5 U
	Total Pesticides			ND	0.035	0.1485	0.003	0.0276	0.0024
	PCBs								
	None Detected								
	INORGANICS								
7429-90-5	Aluminum	NS	ug/L		1730	544 E	79.1 B	265	83.8 B
7440-36-0	Antimony	3	ug/L		1.9 U	1.5 U	1.4 U	2.1 U	1.4 U
7440-38-2	Arsenic	25	ug/L		14	6.4 B	15.5	25	15.6
7440-39-3	Barium	1000	ug/L		626	538	374	388	372
7440-41-7	Beryllium	3 (G)	ug/L		0.19 B	0.33 B	0.08 U	0.11 B	0.31 B
7440-43-9	Cadmium	5	ug/L		0.28 U	0.25 U	0.24 U	0.62 B	0.49 B
7440-70-2	Calcium	NS	ug/L		120000	125000	107000	112000	108000
7440-47-3	Chromium	50	ug/L		16.8	12.2	6.6 B	8.7 B	6.7 B
7440-48-4	Cobalt	NS	ug/L		1.7 B	0.86 U	0.93 U	1.5 B	0.93 U
7440-50-8	Copper	200	ug/L		4.7 B	2.4 B	0.49 U	0.46 U	1.2 B
7439-89-6	Iron	300	ug/L		27200	17700	**25100**	**30700**	**24300**
7439-92-1	Lead	25	ug/L		3 B	2.6 B	0.66 U	1.5 U	0.66 U
7439-95-4	Magnesium	35000 (G)	ug/L		190000	21000	14800	13700	14900
7439-96-5	Manganese	300	ug/L	158	**382**	246	292	**344**	290
7439-97-6	Mercury	0.7	ug/L		0.11 U	0.17 U	0.18 U	0.15 U	0.18 U
7440-02-0	Nickel	100	ug/L		8.1 B	4.4 B	2.6 B	4 B	2.6 B
7440-09-7	Potassium	NS	ug/L		9540	5770 E	13100	16700	12600
7782-49-2	Selenium	10	ug/L		3.7 U	2.1 U	1.8 U	2.2 U	1.8 U
7440-22-4	Silver	50	ug/L		0.75 U	0.73 U	0.73 U	1 U	0.73 U
7440-23-5	Sodium	20000	ug/L		**27000**	**22900**	**23500**	**24800**	**23400**
7440-28-0	Thallium	.5 (G)	ug/L		4.9 U	3.7 U	3.6 U	5.1 U	3.6 U
7440-62-2	Vanadium	NS	ug/L		4.3 B	1.6 B	1.2 B	1.7 B	1.4 B
7440-66-6	Zinc	2000 (G)	ug/L		45.4	13.1 B	10 B	20.2	8.4 B
57-12-5	Cyanide	200	ug/L		10 U	10 U	10 U	10.2	10 U

Detected Compound Summary
Monitoring Well Samples

Cherry Farm Monitoring Wells Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	Blind Dup J8489 OBG 9595 Water 10/22/98	Blind Dup M0196 OBG 1489 Water 4/20/99	Blind DupRE M0196RE OBG 1489 Water 4/20/99	Blind Dup R7152 OBG 7645 Water 12/13/00
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	9 J B	6 J		10 U
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	8 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		10 U
100-42-5	Styrene	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
1330-20-7	Xylene (total)	5	ug/L	10 U	10 U		10 U
	Total VOCs			9	14	NA	ND
	SEMIVOLATILES						
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
84-74-2	Di-n-butyl phthalate	50	ug/L	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	50 (G)	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
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
	Total SVOCs			ND	ND	ND	ND
	PESTICIDES						
309-00-2	Aldrin	ND	ug/L	0.05 U	0.051 U		0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.051 U		0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U		0.051 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.051 U		0.0015 BJ
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.051 U		0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.051 U		0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.0049 JP	0.011 BJP		0.051 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	0.1 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
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.00041 JP		0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.0028 JP	0.0014 JP		0.051 U
33213-65-9	Endosulfan II	NS	ug/L	0.00093 JP	0.00054 JP		0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.00086 JP	0.00062 JP		0.1 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U		0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.0015 JP	0.1 U		0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U		0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.051 U		0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0004 JP	0.0013 JP		0.051 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U		0.51 U
	Total Pesticides			0.01139	0.01527	NA	0.0015
	PCBs						
	None Detected						
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	602	720		5100 E
7440-36-0	Antimony	3	ug/L	1.5 B	1.8 B		1.5 U
7440-38-2	Arsenic	25	ug/L	6.9 B	3.6 B		30
7440-39-3	Barium	1000	ug/L	182 B	165 B		606
7440-41-7	Beryllium	3 (G)	ug/L	0.12 B	0.17 B		0.57 B
7440-43-9	Cadmium	5	ug/L	0.73 B	0.42 U		0.25 U
7440-70-2	Calcium	NS	ug/L	139000	152000		263000
7440-47-3	Chromium	50	ug/L	12.6	14.3		14.3
7440-48-4	Cobalt	NS	ug/L	2.3 U	1.6 U		3.6 B
7440-50-8	Copper	200	ug/L	3.2 B	5.6 B		11.4 B
7439-89-6	Iron	300	ug/L	21200	17800		14600
7439-92-1	Lead	25	ug/L	2.1 U	1.7 B		8.5
7439-95-4	Magnesium	35000 (G)	ug/L	39000	35500		55000
7439-96-5	Manganese	300	ug/L	228	674		347
7439-97-6	Mercury	0.7	ug/L	0.15 U	0.11 U		0.36
7440-02-0	Nickel	100	ug/L	2.9 B	9.6 B		11 B
7440-09-7	Potassium	NS	ug/L	884 B	10100		3260 BE
7782-49-2	Selenium	10	ug/L	3 B	3.6 U		2.1 U
7440-22-4	Silver	50	ug/L	1.2 U	1 U		0.73 U
7440-23-5	Sodium	20000	ug/L	75300	84600		39900
7440-28-0	Thallium	.5 (G)	ug/L	5.5 U	3.8 U		3.7 U
7440-62-2	Vanadium	NS	ug/L	2.3 B	4.9 B		9.4 B
7440-66-6	Zinc	2000 (G)	ug/L	29.4	22.1		32.9
57-12-5	Cyanide	200	ug/L	10 U	10 U		10 U

APPENDIX B-2
SUMP CHEMICAL ANALYSIS RESULTS
(1997 TO 2001)

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-1 G5093 OBG 5116 Water 11/20/97	S-1DL G5093DL OBG 5116 Water 11/20/97	S-1RE G5093RE OBG 5116 Water 11/20/97	S-1 H0918 OBG 6847 Water 2/18/98	S-1DL H0918DL OBG 6847 Water 2/18/98
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	
75-00-3	Chloroethane	5	ug/L	10 U			10 U	
74-87-3	Chloromethane	5	ug/L	10 U			10 U	
75-35-3	1,1-Dichloroethane	5	ug/L	2 J			2 J	
156-59-2	cis-1,2-Dichloroethene	5	ug/L					
156-60-5	trans-1,2-Dichloroethene	5	ug/L					
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	
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
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	11	15 JD	11	38	43 JD
208-96-8	Acenaphthylene	NS	ug/L	10 U	100 U	10 U	10 U	100 U
120-12-7	Anthracene	50 (G)	ug/L	14	14 JD	15	39	38 JD
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	17	22 JD	19	94 E	95 JD
50-32-8	Benzo[a]pyrene	ND	ug/L	12	13 JD	11	57	55 JD
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	16	20 JD	17	75	76 JD
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	6 J	100 U	7 J	34	28 JD
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	6 J	100 U	4 J	29	31 JD
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	21	24 JD	22	120 E	120 D
86-74-8	Carbazole	NS	ug/L	10 U	100 U	10 U	10 U	100 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	100 U	10 U	10 U	100 U
218-01-9	Chrysene	0.002 (G)	ug/L	19	26 JD	22	90 E	110 D
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	100 U	10 U	10	100 U
132-64-9	Dibenzofuran	NS	ug/L	5 J	100 U	5 J	31	30 JD
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	100 U	10 U	3 J	100 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	2 J	100 U	2 J	14	15 JD
120-83-2	2,4-Dichlorophenol	5	ug/L	1 J	100 U	1 J	10 U	100 U
105-67-9	2,4-Dimethylphenol	1	ug/L	260 E	400 D	240 E	290 E	290 D
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	100 U	10 U	10 U	100 U
206-44-0	Fluoranthene	50 (G)	ug/L	82 E	93 JD	100 E	330 E	300 D
86-73-7	Fluorene	50 (G)	ug/L	8 J	15 JD	9 J	30	53 JD
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	6 J	100 U	6 J	30	27 JD
91-57-6	2-Methylnaphthalene	NS	ug/L	2 J	100 U	2 J	5 J	100 U
95-48-7	2-Methylphenol	1	ug/L	51	53 JD	46	33	34 JD
106-44-5	4-Methylphenol	1	ug/L	86 E	110 D	83 E	37	39 JD
91-20-3	Naphthalene	10 (G)	ug/L	3 J	100 U	3 J	5 J	100 U
85-01-8	Phenanthrene	50 (G)	ug/L	24	37 JD	27	140 E	140 D
108-95-2	Phenol	1	ug/L	68	82 JD	61	40	44 JD
129-00-0	Pyrene	50 (G)	ug/L	45	64 JD	49	290 E	330 D
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	12	15 JD	11	52	48 JD
	Total SVOCs			777	1003	773	1916	1947
	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
319-85-7	beta-BHC	0.04	ug/L	0.25 U	2.5 U		0.25 U	2.5 U
319-86-8	delta-BHC	0.04	ug/L	0.25 U	2.5 U		0.021 JP	2.5 U
58-89-9	gamma-BHC	0.05	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
5103-74-2	gamma-Chlordane	0.05	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
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
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

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-1 G5093 OBG 5116 Water 11/20/97	S-1DL G5093DL OBG 5116 Water 11/20/97	S-1RE G5093RE OBG 5116 Water 11/20/97	S-1 H0918 OBG 6847 Water 2/18/98	S-1DL H0918DL OBG 6847 Water 2/18/98
CAS NO.	COMPOUND		UNITS:					
	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
	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 Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-1RE	S-1	S-1RE	S-1	S-1DL
			Lab Sample Id:	H0918RE	H7400	H7400RE	J8341	J8341DL
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	6847	7810	7810	9571	9571
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	2/18/98	5/28/98	5/28/98	10/21/98	10/21/98
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L		9 J		10 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	
75-00-3	Chloroethane	5	ug/L		10 U		10 U	
74-87-3	Chloromethane	5	ug/L		10 U		10 U	
75-35-3	1,1-Dichloroethane	5	ug/L		10 U		10 U	
156-59-2	cis-1,2-Dichloroethene	5	ug/L				10 U	
156-60-5	trans-1,2-Dichloroethene	5	ug/L				10 U	
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		10 U		2 J	
75-09-2	Methylene chloride	5	ug/L		10 U		2 J	
127-18-4	Tetrachloroethene	5	ug/L		10 U		10 U	
108-88-3	Toluene	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	
	Total VOCs			NA	9	NA	14	NA
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	40	3 J	3 J	370 D	380 JD
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U	100 U	510 U
120-12-7	Anthracene	50 (G)	ug/L	27	2 J	2 J	300 D	270 JD
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	98 E	2 J	2 J	420 D	390 JD
50-32-8	Benzo[a]pyrene	ND	ug/L	57	2 J	1 J	230 D	250 JD
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	72	2 J	2 J	350 D	330 JD
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	35	10 U	10 U	130 D	220 JD
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	30	10 U	10 U	160 D	150 JD
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	130 E	4 J	4 J	530 D	680 D
86-74-8	Carbazole	NS	ug/L	10 U	2 J	2 J	100 U	510 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	10 U	100 U	510 U
218-01-9	Chrysene	0.002 (G)	ug/L	93 E	2 J	2 J	430 D	380 JD
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	11	10 U	10 U	40 JD	510 U
132-64-9	Dibenzofuran	NS	ug/L	32	2 J	2 J	250 D	260 JD
541-73-1	1,3-Dichlorobenzene	3	ug/L	3 J	1 J	1 J	16 JD	510 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	14	6 J	6 J	77 JD	74 JD
120-83-2	2,4-Dichlorophenol	5	ug/L	10 U	10 U	10 U	100 U	510 U
105-67-9	2,4-Dimethylphenol	1	ug/L	300 E	78	78	84 JD	65 JD
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	100 U	510 U
206-44-0	Fluoranthene	50 (G)	ug/L	230 E	6 J	7 J	1800 ED	1300 D
86-73-7	Fluorene	50 (G)	ug/L	31	2 J	2 J	390 D	430 JD
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	30	10 U	10 U	120 D	200 JD
91-57-6	2-Methylnaphthalene	NS	ug/L	6 J	1 J	1 J	130 D	130 JD
95-48-7	2-Methylphenol	1	ug/L	31	6 J	6 J	100 U	510 U
106-44-5	4-Methylphenol	1	ug/L	35	37	36	100 U	510 U
91-20-3	Naphthalene	10 (G)	ug/L	4 J	2 J	2 J	65 JD	62 JD
85-01-8	Phenanthrene	50 (G)	ug/L	99 E	4 J	4 J	1400 ED	1300 D
108-95-2	Phenol	1	ug/L	36	17	16	100 U	510 U
129-00-0	Pyrene	50 (G)	ug/L	300 E	11	11	1200 ED	1400 D
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	54	4 J	4 J	31 JD	510 U
	Total SVOCs			1798	196	194	8523	6271
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L		0.008 JP		0.25 U	2.5 U
319-84-6	alpha-BHC	0.01	ug/L		0.011 JP		0.25 U	2.5 U
319-85-7	beta-BHC	0.04	ug/L		0.05 U		0.25 U	2.5 U
319-86-8	delta-BHC	0.04	ug/L		0.05 U		0.25 U	2.5 U
58-89-9	gamma-BHC	0.05	ug/L		0.05 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
5103-74-2	gamma-Chlordane	0.05	ug/L		0.02 JP		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
72-55-9	4,4'-DDE	0.2	ug/L		0.016 JP		0.51 P	0.8 JPD
50-29-3	4,4'-DDT	0.2	ug/L		0.1 U		0.5 U	5 U
60-57-1	Dieldrin	0.004	ug/L		0.1 U		0.5 U	5 U
959-98-8	Endosulfan I	NS	ug/L		0.05 U		0.25 U	2.5 U
33213-65-9	Endosulfan II	NS	ug/L		0.081 JP		3.1	4.6 J
1031-07-8	Endosulfan sulfate	NS	ug/L		0.1 U		0.086 BJP	0.12 BJP
72-20-8	Endrin	ND	ug/L		0.023 JP		0.5 U	5 U
7421-93-4	Endrin aldehyde	5	ug/L		0.1 U		0.045 JP	5 U
53494-70-5	Endrin ketone	5	ug/L		0.1 U		0.5 U	5 U
76-44-8	Heptachlor	0.04	ug/L		0.05 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
72-43-5	Methoxychlor	35	ug/L		0.097 JP		2.5 U	25 U
	Total Pesticides			NA	0.3197	NA	3.774	5.588

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-1RE H0918RE OBG 6847 Water 2/18/98	S-1 H7400 OBG 7810 Water 5/28/98	S-1RE H7400RE OBG 7810 Water 5/28/98	S-1 J8341 OBG 9571 Water 10/21/98	S-1DL J8341DL OBG 9571 Water 10/21/98
CAS NO.	COMPOUND		UNITS:					
	PCBs							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L		0.88 JP		5 U	50 U
12672-29-6	Aroclor-1248	of 0.09	ug/L		1 U		39 P	61 PD
11096-82-5	Aroclor-1260		ug/L		2.4 P		89 E	150 D
	Total PCBs			NA	3.28	NA	128	211
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L		30.2 B		5870	
7440-36-0	Antimony	3	ug/L		2.9 U		4.9 B	
7440-38-2	Arsenic	25	ug/L		10.2		20.6	
7440-39-3	Barium	1000	ug/L		151 B		463	
7440-41-7	Beryllium	3 (G)	ug/L		0.12 U		0.34 B	
7440-43-9	Cadmium	5	ug/L		0.49 U		1.8 B	
7440-70-2	Calcium	NS	ug/L		45700		233000	
7440-47-3	Chromium	50	ug/L		1.6 U		16.3	
7440-48-4	Cobalt	NS	ug/L		2.3 U		5.7 B	
7440-50-8	Copper	200	ug/L		4 B		115	
7439-89-6	Iron	300	ug/L		3060		21800	
7439-92-1	Lead	25	ug/L		1.8 U		47.6	
7439-95-4	Magnesium	35000 (G)	ug/L		7730		16700	
7439-96-5	Manganese	300	ug/L		1080		3150	
7440-02-0	Nickel	100	ug/L		8.1 B		28.9 B	
7440-09-7	Potassium	NS	ug/L		20300		24400	
7782-49-2	Selenium	10	ug/L		4.8 U		2.9 B	
7440-22-4	Silver	50	ug/L		1.1 U		1.2 U	
7440-23-5	Sodium	20000	ug/L		93300		93000	
7440-28-0	Thallium	.5 (G)	ug/L		7.4 U		5.5 U	
7440-62-2	Vanadium	NS	ug/L		1.2 B		13.4 B	
7440-66-6	Zinc	2000 (G)	ug/L		23.7		384	
57-12-5	Cyanide	200	ug/L		10 U		10 U	

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-1	S-1DL	S-1	S-1DL	S-1RE
			Lab Sample Id:	M0193	M0193DL	N4877	N4877DL	N4877RE
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	1489	1489	3856	3856	3856
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	4/20/99	4/20/99	11/9/99	11/9/99	11/9/99
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	13		7 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	7 J		10 U		
75-00-3	Chloroethane	5	ug/L	10 U		10 U		
74-87-3	Chloromethane	5	ug/L	10 U		10 U		
75-35-3	1,1-Dichloroethane	5	ug/L	10 U		10 U		
156-59-2	cis-1,2-Dichloroethene	5	ug/L	10 U				
156-60-5	trans-1,2-Dichloroethene	5	ug/L	10 U				
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	10 U		10 U		
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		
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		
	Total VOCs			20	NA	7	NA	NA
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	180 D	180 J D	55 JD		56 JD
208-96-8	Acenaphthylene	NS	ug/L	53 U	260 U	100 U		100 U
120-12-7	Anthracene	50 (G)	ug/L	110 D	110 J D	23 JD		24 JD
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	310 D	310 D	78 JD		79 JD
50-32-8	Benzo[a]pyrene	ND	ug/L	150 D	150 J D	42 JD		44 JD
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	210 D	250 J D	76 JD		74 JD
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	220 D	190 J D	100 U		100 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	77 D	98 J D	29 JD		29 JD
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	190 D	170 J D	46 JD		45 JD
86-74-8	Carbazole	NS	ug/L	53 U	260 U	100 U		100 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	53 U	260 U	100 U		100 U
218-01-9	Chrysene	0.002 (G)	ug/L	380 D	390 D	92 JD		92 JD
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	53 U	260 U	100 U		100 U
132-64-9	Dibenzofuran	NS	ug/L	73 D	82 J D	24 JD		24 JD
541-73-1	1,3-Dichlorobenzene	3	ug/L	53 U	260 U	100 U		100 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	13 J D	260 U	100 U		100 U
120-83-2	2,4-Dichlorophenol	5	ug/L	53 U	260 U	100 U		100 U
105-67-9	2,4-Dimethylphenol	1	ug/L	33 J D	28 J D	12 JD		11 JD
131-11-3	Dimethyl phthalate	50 (G)	ug/L	53 U	260 U	100 U		100 U
206-44-0	Fluoranthene	50 (G)	ug/L	710 ED	840 D	160 D		160 D
86-73-7	Fluorene	50 (G)	ug/L	99 D	120 J D	39 JD		39 JD
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	190 D	140 J D	21 JD		22 JD
91-57-6	2-Methylnaphthalene	NS	ug/L	17 J D	260 U	79 J		100 U
95-48-7	2-Methylphenol	1	ug/L	53 U	260 U	100 U		100 U
106-44-5	4-Methylphenol	1	ug/L	53 U	260 U	100 U		100 U
91-20-3	Naphthalene	10 (G)	ug/L	6 J D	260 U	100 U		100 U
85-01-8	Phenanthrene	50 (G)	ug/L	210 D	220 J D	54 JD		59 JD
108-95-2	Phenol	1	ug/L	53 U	260 U	100 U		100 U
129-00-0	Pyrene	50 (G)	ug/L	1400 ED	2000 D	440 D		430 D
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	53 U	260 U	100 U		100 U
	Total SVOCs			4578	5278	1270	NA	1188
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.25 U	2.5 U	0.038 JP	2.5 U	0.47 U
319-84-6	alpha-BHC	0.01	ug/L	0.25 U	2.5 U	0.25 U	2.5 U	0.47 U
319-85-7	beta-BHC	0.04	ug/L	0.25 U	2.5 U	0.25 U	2.5 U	0.47 U
319-86-8	delta-BHC	0.04	ug/L	0.0048 JP	2.5 U	0.0046 JP	2.5 U	0.47 U
58-89-9	gamma-BHC	0.05	ug/L	0.25 U	2.5 U	0.25 U	2.5 U	0.47 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.25 U	2.5 U	0.25 U	2.5 U	0.47 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.25 U	2.5 U	0.0082 JP	2.5 U	0.47 U
72-54-8	4,4'-DDD	0.3	ug/L	0.051 JP	5.1 U	0.51 U	5.1 U	0.94 U
72-55-9	4,4'-DDE	0.2	ug/L	1.3 P	2 JD	0.24 JP	0.39 JPD	0.94 U
50-29-3	4,4'-DDT	0.2	ug/L	0.51 U	0.035 JP	0.51 U	5.1 U	0.94 U
60-57-1	Dieldrin	0.004	ug/L	0.51 U	5.1 U	0.25 JP	0.48 JPD	0.94 U
959-98-8	Endosulfan I	NS	ug/L	0.14 JP	2.5 U	0.25 U	2.5 U	0.47 U
33213-65-9	Endosulfan II	NS	ug/L	2.1	2.8 JPD	0.51 U	5.1 U	0.94 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.51 U	5.1 U	0.44 J	0.62 JPD	0.94 U
72-20-8	Endrin	ND	ug/L	0.51 U	0.17 JPD	0.51 U	5.1 U	0.94 U
7421-93-4	Endrin aldehyde	5	ug/L	0.3 JP	0.65 JPD	0.047 JP	5.1 U	0.94 U
53494-70-5	Endrin ketone	5	ug/L	0.51 U	5.1 U	0.51 U	5.1 U	0.94 U
76-44-8	Heptachlor	0.04	ug/L	0.25 U	2.5 U	0.25 U	2.5 U	0.47 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.25 U	2.5 U	0.25 U	2.5 U	0.47 U
72-43-5	Methoxychlor	35	ug/L	0.83 JP	1.3 JPD	0.092 JP	25 U	4.7 U
	Total Pesticides			4.7258	6.955	1.1198	1.49	ND

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-1	S-1DL	S-1	S-1DL	S-1RE
			Lab Sample Id:	M0193	M0193DL	N4877	N4877DL	N4877RE
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	1489	1489	3856	3856	3856
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	4/20/99	4/20/99	11/9/99	11/9/99	11/9/99
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	PCBs							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	5.1 U	51 U	5.1 U	51 U	9.4 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	74 P	110 PD	19 P	35 JD	81
11096-82-5	Aroclor-1260		ug/L	72 P	110 PD	9.2 P	16 JD	32
	Total PCBs			146	220	28.2	51	113
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	2390		859		
7440-36-0	Antimony	3	ug/L	2.9 B		2.5 U		
7440-38-2	Arsenic	25	ug/L	10.4		14.1		
7440-39-3	Barium	1000	ug/L	332		490		
7440-41-7	Beryllium	3 (G)	ug/L	0.18 B		0.16 B		
7440-43-9	Cadmium	5	ug/L	0.55 B		0.3 U		
7440-70-2	Calcium	NS	ug/L	152000		254000		
7440-47-3	Chromium	50	ug/L	7.6 B		5.1 BE		
7440-48-4	Cobalt	NS	ug/L	2.2 B		1.7 U		
7440-50-8	Copper	200	ug/L	79.1		3 B		
7439-89-6	Iron	300	ug/L	7920		19000		
7439-92-1	Lead	25	ug/L	19.4		2.4 B		
7439-95-4	Magnesium	35000 (G)	ug/L	12900		13600		
7439-96-5	Manganese	300	ug/L	2290		3480		2970
7440-02-0	Nickel	100	ug/L	18.2 B		33.5 BE		
7440-09-7	Potassium	NS	ug/L	23700		23000		
7782-49-2	Selenium	10	ug/L	3.6 U		3 U		
7440-22-4	Silver	50	ug/L	1 U		0.78 U		
7440-23-5	Sodium	20000	ug/L	138000		145000 E		
7440-28-0	Thallium	.5 (G)	ug/L	3.8 U		5.1 U		
7440-62-2	Vanadium	NS	ug/L	7.4 B		5.2 BE		
7440-66-6	Zinc	2000 (G)	ug/L	138		149		
57-12-5	Cyanide	200	ug/L	10 U		10 U		

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-2	S-2RE	S-2	S-2RE	S-2
			Lab Sample Id:	M0296	M0296RE	N5019	N5019RE	Q3854
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	1516	1516	3880	3880	5490
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	4/21/99	4/21/99	11/10/99	11/10/99	4/27/00
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	10 U		10 U		10 U
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	38		1 J		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
75-35-3	1,1-Dichloroethane	5	ug/L	2 J		10 U		10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L	6 J				10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L	10 U				10 U
540-59-0	1,2-Dichloroethene (total)	5	ug/L	6 J		9 J		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
79-01-6	Trichloroethene	5	ug/L	1 J		2 J		10 U
75-01-4	Vinyl chloride	2	ug/L	10 U		10 U		10 U
1330-20-7	Xylene (total)	5	ug/L	3 J		10 U		10 U
	Total VOCs			56	NA	12	NA	ND
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	1 J	1 J	1 J	1 J	10 U
208-96-8	Acenaphthylene	NS	ug/L	1 J	1 J	1 J	1 J	10 U
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	10 U	1 J
56-55-3	Benzo[a]anthracene	0.002 (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	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	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
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	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	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
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	1 J
120-83-2	2,4-Dichlorophenol	5	ug/L	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	5 J	5 J	8 J	8 J	10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	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
86-73-7	Fluorene	50 (G)	ug/L	1 J	1 J	1 J	1 J	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	10 U	10 U	2 J	2 J	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	10 U	4 J	4 J	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	10 U	1 J	1 J	10 U
108-95-2	Phenol	1	ug/L	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
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U
	Total SVOCs			9	8	18	18	2
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.051 U		0.051 U		0.036 JP
319-84-6	alpha-BHC	0.01	ug/L	0.00081 BJP		0.051 U		0.0062 JP
319-85-7	beta-BHC	0.04	ug/L	0.051 U		0.051 U		0.052 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U		0.051 U		0.052 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U		0.051 U		0.052 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.0016 JP		0.0017 JP		0.0022 JP
5103-74-2	gamma-Chlordane	0.05	ug/L	0.0018 JP		0.051 U		0.052 U
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U		0.1 U		0.007 JP
72-55-9	4,4'-DDE	0.2	ug/L	0.0024 JP		0.1 U		0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.00079 BJP		0.1 U		0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U		0.1 U		0.088 JP
959-98-8	Endosulfan I	NS	ug/L	0.051 U		0.0033 BJP		0.052 U
33213-65-9	Endosulfan II	NS	ug/L	0.0018 JP		0.0011 JP		0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.0025 BJP		0.002 JP		0.1 U
72-20-8	Endrin	ND	ug/L	0.0029 JP		0.1 U		0.041 JP
7421-93-4	Endrin aldehyde	5	ug/L	0.0017 JP		0.1 U		0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.00041 JP		0.1 U		0.0037 JP
76-44-8	Heptachlor	0.04	ug/L	0.051 U		0.0025 JP		0.052 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U		0.051 U		0.0039 BJP
72-43-5	Methoxychlor	35	ug/L	0.51 U		0.51 U		0.52 U
	Total Pesticides			0.01671	NA	0.0106	NA	0.1556

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-2 M0296 OBG 1516 Water 4/21/99	S-2RE M0296RE OBG 1516 Water 4/21/99	S-2 N5019 OBG 3880 Water 11/10/99	S-2RE N5019RE OBG 3880 Water 11/10/99	S-2 Q3854 OBG 5490 Water 4/27/00
CAS NO.	COMPOUND		UNITS:					
	PCBs							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	0.47 JP		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			0.47	NA	ND	NA	ND
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	211		281		44.7
7440-36-0	Antimony	3	ug/L	4.7 B		3.4 B		1.9 U
7440-38-2	Arsenic	25	ug/L	3.8 B		3.5 B		2.2 U
7440-39-3	Barium	1000	ug/L	71.6 B		68.2 B		210
7440-41-7	Beryllium	3 (G)	ug/L	0.14 B		0.06 B		0.14 U
7440-43-9	Cadmium	5	ug/L	0.42 U		0.3 U		0.28 U
7440-70-2	Calcium	NS	ug/L	156000		135000		70400
7440-47-3	Chromium	50	ug/L	1.4 U		5 BE		4 B
7440-48-4	Cobalt	NS	ug/L	1.6 U		1.7 U		0.96 U
7440-50-8	Copper	200	ug/L	0.96 B		1.2 B		1.3 B
7439-89-6	Iron	300	ug/L	46.7 B		134		2640
7439-92-1	Lead	25	ug/L	1.1 U		1.3 U		1.2 B
7439-95-4	Magnesium	35000 (G)	ug/L	10.5 U		34.7 B		14300
7439-96-5	Manganese	300	ug/L	0.27 U		1.6 B		1140
7440-02-0	Nickel	100	ug/L	2.3 B		6.7 BE		4 B
7440-09-7	Potassium	NS	ug/L	45600		43500		20800
7782-49-2	Selenium	10	ug/L	3.6 U		3.4 B		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	43700		45900 E		114000
7440-28-0	Thallium	.5 (G)	ug/L	3.8 U		5.1 U		4.9 U
7440-62-2	Vanadium	NS	ug/L	13.9 B		34.9 BE		1.1 B
7440-66-6	Zinc	2000 (G)	ug/L	4.3 B		3.6 B		4 B
57-12-5	Cyanide	200	ug/L	52.3		27.1		10 U

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id Source: SDG: Matrix: Sampled: Validated:	S-2RE Q3854RE OBG 5490 Water 4/27/00	S-2 R7177 OBG 7645 Water 12/14/00	S-2RE R7177RE OBG 7645 Water 12/14/00	S-2 S7283 OBG 9259 Water 6/19/01	S-2RE S7283RE OBG 9259 Water 6/19/01
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L		3 J		7 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	
75-00-3	Chloroethane	5	ug/L		10 U		10 U	
74-87-3	Chloromethane	5	ug/L		10 U		10 U	
75-35-3	1,1-Dichloroethane	5	ug/L		10 U		10 U	
156-59-2	cis-1,2-Dichloroethene	5	ug/L				10 U	
156-60-5	trans-1,2-Dichloroethene	5	ug/L				10 U	
540-59-0	1,2-Dichloroethene (total)	5	ug/L		3 J			
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	
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	
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	
	Total VOCs			NA	6	NA	7	NA
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	0.002 (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	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	10 U	10 U	10 U	2 J	10 U
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	10 U	10 U
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	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	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
106-46-7	1,4-Dichlorobenzene	3	ug/L	1 J	10 U	1 J	10 U	10 U
120-83-2	2,4-Dichlorophenol	5	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
131-11-3	Dimethyl phthalate	50 (G)	ug/L	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
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	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
91-20-3	Naphthalene	10 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	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
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	10 U	10 U
	Total SVOCs			1	ND	1	2	ND
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L		0.0013 JP		0.051 U	
319-84-6	alpha-BHC	0.01	ug/L		0.05 U		0.051 U	
319-85-7	beta-BHC	0.04	ug/L		0.05 U		0.051 U	
319-86-8	delta-BHC	0.04	ug/L		0.05 U		0.051 U	
58-89-9	gamma-BHC	0.05	ug/L		0.05 U		0.051 U	
5103-71-9	alpha-Chlordane	0.05	ug/L		0.05 U		0.051 U	
5103-74-2	gamma-Chlordane	0.05	ug/L		0.0096 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		0.00079 JP		0.1 U	
50-29-3	4,4'-DDT	0.2	ug/L		0.0082 JP		0.1 U	
60-57-1	Dieldrin	0.004	ug/L		0.1 U		0.018 JP	
959-98-8	Endosulfan I	NS	ug/L		0.05 U		0.051 U	
33213-65-9	Endosulfan II	NS	ug/L		0.004 JP		0.1 U	
1031-07-8	Endosulfan sulfate	NS	ug/L		0.0036 JP		0.1 U	
72-20-8	Endrin	ND	ug/L		0.0041 JP		0.022 JP	
7421-93-4	Endrin aldehyde	5	ug/L		0.0065 JP		0.1 U	
53494-70-5	Endrin ketone	5	ug/L		0.1 U		0.1 U	
76-44-8	Heptachlor	0.04	ug/L		0.05 U		0.051 U	
1024-57-3	Heptachlor epoxide	0.03	ug/L		0.00055 JP		0.051 U	
72-43-5	Methoxychlor	35	ug/L		0.5 U		0.51 U	
	Total Pesticides			NA	0.03864	NA	0.04	NA

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-2RE Q3854RE OBG 5490 Water 4/27/00	S-2 R7177 OBG 7645 Water 12/14/00	S-2RE R7177RE OBG 7645 Water 12/14/00	S-2 S7283 OBG 9259 Water 6/19/01	S-2RE S7283RE OBG 9259 Water 6/19/01
CAS NO.	COMPOUND		UNITS:					
	PCBs							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L		1 U		1 U	
12672-29-6	Aroclor-1248	of 0.09	ug/L		1 U		1 U	
11096-82-5	Aroclor-1260		ug/L		1 U		1 U	
	Total PCBs			NA	ND	NA	ND	NA
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L		180 BE		85.6 B	
7440-36-0	Antimony	3	ug/L		3.7 B		3 B	
7440-38-2	Arsenic	25	ug/L		4 B		1.6 U	
7440-39-3	Barium	1000	ug/L		114 B		44.7 B	
7440-41-7	Beryllium	3 (G)	ug/L		0.3 B		0.08 U	
7440-43-9	Cadmium	5	ug/L		0.25 U		0.24 U	
7440-70-2	Calcium	NS	ug/L		147000		109000	
7440-47-3	Chromium	50	ug/L		0.9 U		0.94 U	
7440-48-4	Cobalt	NS	ug/L		0.86 U		0.93 U	
7440-50-8	Copper	200	ug/L		4.1 B		0.7 B	
7439-89-6	Iron	300	ug/L		491		92.8 B	
7439-92-1	Lead	25	ug/L		1.7 B		0.66 U	
7439-95-4	Magnesium	35000 (G)	ug/L		544 B		469 B	
7439-96-5	Manganese	300	ug/L		69.5		7.2 B	
7440-02-0	Nickel	100	ug/L		2.1 B		1.8 B	
7440-09-7	Potassium	NS	ug/L		42100 E		47200	
7782-49-2	Selenium	10	ug/L		10.4		3.4 B	
7440-22-4	Silver	50	ug/L		0.73 U		0.73 U	
7440-23-5	Sodium	20000	ug/L		48100		68100	
7440-28-0	Thallium	.5 (G)	ug/L		3.7 U		3.6 U	
7440-62-2	Vanadium	NS	ug/L		55.6		19 B	
7440-66-6	Zinc	2000 (G)	ug/L		1.8 B		3.5 B	
57-12-5	Cyanide	200	ug/L		39.7		50.3	

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-2	S-3	S-3	S-3	S-3
			Lab Sample Id:	T6915	G5120	H0920	H7393	J8339
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	739	5116	6847	7810	9571
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	12/12/01	11/20/97	2/18/98	5/27/98	10/21/98
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	7 J	10 U	6 J
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	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
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U
75-35-3	1,1-Dichloroethane	5	ug/L	2 J	2 J	2 J	2 J	10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L	10 U				10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L	10 U				10 U
540-59-0	1,2-Dichloroethene (total)	5	ug/L		2 J	2 J	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	4 J	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	1 JB	10 U	10 U	10 U	2 J
127-18-4	Tetrachloroethene	5	ug/L	10 U	1 J	2 J	1 J	10 U
108-88-3	Toluene	5	ug/L	10 U	1 J	17	4 J	10 U
79-01-6	Trichloroethene	5	ug/L	10 U	10 U	1 J	10 U	10 U
75-01-4	Vinyl chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	3 J	25	9 J	10 U
	Total VOCs			3	9	60	16	8
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	0.002 (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	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	1 JB	10 U	10 U	7 J	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
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	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	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
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	5	ug/L	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	1 J	43	54	43	10 U
131-11-3	Dimethyl phthalate	50 (G)	ug/L	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
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	1 J	2 J	2 J	10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	16	19	15	10 U
106-44-5	4-Methylphenol	1	ug/L	10 U	49	58	44	10 U
91-20-3	Naphthalene	10 (G)	ug/L	10 U	3 J	6 J	5 J	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	10 U	10 U	10 U	1 J	10 U
108-95-2	Phenol	1	ug/L	10 U	6 J	18	5 J	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	10 U	10 U
	Total SVOCs			2	118	157	122	ND
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.052 U	0.05 U	0.051 U	0.051 U	0.05 U
319-84-6	alpha-BHC	0.01	ug/L	0.052 U	0.05 U	0.051 U	0.051 U	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.0074 JP	0.05 U	0.051 U	0.051 U	0.05 U
319-86-8	delta-BHC	0.04	ug/L	0.052 U	0.05 U	0.051 U	0.051 U	0.05 U
58-89-9	gamma-BHC	0.05	ug/L	0.052 U	0.05 U	0.051 U	0.051 U	0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.052 U	0.05 U	0.051 U	0.051 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.052 U	0.05 U	0.051 U	0.019 JP	0.003 JP
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	0.0027 J	0.1 U	0.1 U	0.0047 JP	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
60-57-1	Dieldrin	0.004	ug/L	0.014 JP	0.1 U	0.1 U	0.0044 JP	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.018 J	0.05 U	0.051 U	0.0032 JP	0.05 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.1 U	0.0059 J	0.1 U	0.005 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.0017 JP	0.068 JP	0.0069 BJP
72-20-8	Endrin	ND	ug/L	0.1 U	0.1 U	0.1 U	0.36 P	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.0087 BJP	0.1 U	0.1 U	0.1 U	0.0075 J
53494-70-5	Endrin ketone	5	ug/L	0.0097 JP	0.1 U	0.1 U	0.1 U	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.052 U	0.05 U	0.0082 JP	0.051 U	0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0038 JP	0.05 U	0.051 U	0.051 U	0.00073 J
72-43-5	Methoxychlor	35	ug/L	0.52 U	0.5 U	0.51 U	0.51 U	0.5 U
	Total Pesticides			0.03864	ND	0.0158	0.4593	0.02553

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-2 T6915 OBG 739 Water 12/12/01	S-3 G5120 OBG 5116 Water 11/20/97	S-3 H0920 OBG 6847 Water 2/18/98	S-3 H7393 OBG 7810 Water 5/27/98	S-3 J8339 OBG 9571 Water 10/21/98
CAS NO.	COMPOUND		UNITS:					
	PCBs							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	1 U	1 U	1 U	0.82 JP	1 U
12672-29-6	Aroclor-1248	of 0.09	ug/L	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
	Total PCBs			ND	ND	ND	0.82	ND
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	309	620	415	460	100 B
7440-36-0	Antimony	3	ug/L	3.1 B	10.7 B	2.8 B	5.3 B	12.6 B
7440-38-2	Arsenic	25	ug/L	5 B	9.2 B	4.2 U	9.3 B	4.9 B
7440-39-3	Barium	1000	ug/L	48.4 B	55.2 B	51.2 B	44.4 B	54.8 B
7440-41-7	Beryllium	3 (G)	ug/L	0.1 U	0.06 U	0.07 U	0.12 U	0.07 U
7440-43-9	Cadmium	5	ug/L	0.37 U	0.24 U	0.3 U	0.49 U	0.43 U
7440-70-2	Calcium	NS	ug/L	135000	126000	136000	113000	112000
7440-47-3	Chromium	50	ug/L	1.4 B	1.1 U	1.2 U	1.6 U	2.8 U
7440-48-4	Cobalt	NS	ug/L	1.1 B	1.1 U	1.2 U	2.3 U	2.3 U
7440-50-8	Copper	200	ug/L	0.88 B	1.4 B	1.4 B	1 B	4.6 B
7439-89-6	Iron	300	ug/L	52.1 B	67.1 B	21.6 B	41.6 B	708
7439-92-1	Lead	25	ug/L	1.5 U	1 U	1.1 U	1.8 U	2.1 U
7439-95-4	Magnesium	35000 (G)	ug/L	80.7 B	27.4 B	53.6 B	14.7 U	546 B
7439-96-5	Manganese	300	ug/L	1.8 U	0.7 B	0.2 U	0.29 U	14.8 B
7440-02-0	Nickel	100	ug/L	3.7 B	2.5 B	1.1 B	2.4 B	1.9 B
7440-09-7	Potassium	NS	ug/L	49400	53000	44700	47400	38500
7782-49-2	Selenium	10	ug/L	4.5 B	8.1	4 U	4.8 U	2 U
7440-22-4	Silver	50	ug/L	1 B	0.85 B	0.6 U	1.1 U	1.2 U
7440-23-5	Sodium	20000	ug/L	64100	51500	45600	49400	32500
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U	3.3 U	3.4 U	7.4 U	5.5 U
7440-62-2	Vanadium	NS	ug/L	24.8 B	20.9 B	13.1 B	14.2 B	5.5 B
7440-66-6	Zinc	2000 (G)	ug/L	2 B	4.3 B	4.9 B	8.4 B	26.1
57-12-5	Cyanide	200	ug/L	40.5	49.5	10 U	32.5	69

Detected Compound 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
			Lab Sample Id:	M0189	N4873	Q3848	R7148	S7282
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	1489	3856	5490	7645	9259
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	4/19/99	11/8/99	4/26/00	12/13/00	6/19/01
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	5 J	10 U	10 U	7 J	4 J
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	8 J	2 J	10 U	10 U	10 U
75-00-3	Chloroethane	5	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
75-35-3	1,1-Dichloroethane	5	ug/L	3 J	2 J	2 J	2 J	2 J
156-59-2	cis-1,2-Dichloroethene	5	ug/L	2 J		10 U		10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L	10 U		10 U		10 U
540-59-0	1,2-Dichloroethene (total)	5	ug/L	2 J	10 U	10 U	10 U	
100-41-4	Ethylbenzene	5	ug/L	10 U	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
75-09-2	Methylene chloride	5	ug/L	1 J B	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	1 J	10 U	10 U	10 U	1 J
79-01-6	Trichloroethene	5	ug/L	10 U	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
1330-20-7	Xylene (total)	5	ug/L	4 J	3 J	4 J	2 J	4 J
	Total VOCs			26	7	6	11	11
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	3 J	2 J	10 U	10 U	1 J
208-96-8	Acenaphthylene	NS	ug/L	4 J	2 J	10 U	10 U	10 U
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	0.002 (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	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	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	NS	ug/L	2 J	1 J	10 U		10 U
59-50-7	4-Chloro-3-methylphenol	1	ug/L	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
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	2 J	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
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	5	ug/L	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	28	13	12	4 J	14
131-11-3	Dimethyl phthalate	50 (G)	ug/L	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
86-73-7	Fluorene	50 (G)	ug/L	2 J	2 J	10 U	1 J	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	4 J	2 J	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	10 J	8 J	6 J	2 J	10
106-44-5	4-Methylphenol	1	ug/L	25	20	15	10 U	22
91-20-3	Naphthalene	10 (G)	ug/L	40	13	6 J	10 U	5 J
85-01-8	Phenanthrene	50 (G)	ug/L	2 J	2 J	10 U	10 U	1 J
108-95-2	Phenol	1	ug/L	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
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U
	Total SVOCs			122	65	39	7	53
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.05 U	0.05 U	0.0029 JP	0.002 JP	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U
319-86-8	delta-BHC	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.00072 BJP	0.0032 JP	0.05 U	0.051 U	0.051 U
72-54-8	4,4'-DDD	0.3	ug/L	0.00049 JP	0.1 U	0.0013 JP	0.0032 JP	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	0.00077 JP	0.1 U	0.1 U	0.0052 JP	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.00047 JP	0.1 U	0.1 U	0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.05 U	0.05 U	0.05 U	0.0078 JP	0.051 U
33213-65-9	Endosulfan II	NS	ug/L	0.00084 JP	0.0023 J	0.1 U	0.1 U	0.008 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.0014 JP	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	0.1 U	0.0087 J	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.0016 J	0.1 U	0.1 U	0.0061 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
76-44-8	Heptachlor	0.04	ug/L	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.0026 JP	0.05 U	0.05 U	0.051 U	0.051 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.5 U	0.5 U	0.51 U	0.51 U
	Total Pesticides			0.00889	0.055	0.0042	0.033	0.008

Detected Compound 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
			Lab Sample Id:	M0189	N4873	Q3848	R7148	S7282
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	1489	3856	5490	7645	9259
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	4/19/99	11/8/99	4/26/00	12/13/00	6/19/01
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	PCBs							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L	0.52 JP	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	1 U
11096-82-5	Aroclor-1260		ug/L	1 U	1 U	1 U	1 U	1 U
	Total PCBs			**0.52**	ND	ND	ND	ND
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	298	382	443	280 E	534
7440-36-0	Antimony	3	ug/L	**5.1 B**	**4.7 B**	**3.4 B**	**8.2 B**	4.6 B
7440-38-2	Arsenic	25	ug/L	3.8 B	4.4 B	4.3 B	2.6 B	3.3 B
7440-39-3	Barium	1000	ug/L	56.6 B	50.3 B	52.3 B	64 B	40 B
7440-41-7	Beryllium	3 (G)	ug/L	0.13 U	0.18 B	0.14 U	0.26 B	0.08 U
7440-43-9	Cadmium	5	ug/L	0.42 U	0.3 U	0.28 U	0.25 U	0.24 U
7440-70-2	Calcium	NS	ug/L	151000	145000	169000	201000	145000
7440-47-3	Chromium	50	ug/L	1.4 U	0.54 UE	1.1 U	0.9 U	0.94 U
7440-48-4	Cobalt	NS	ug/L	1.6 U	1.7 U	0.96 U	0.86 U	0.93 U
7440-50-8	Copper	200	ug/L	1.1 B	0.54 U	0.75 B	1.4 B	0.49 U
7439-89-6	Iron	300	ug/L	62.3 B	75.8 B	61.6 B	61.4 B	127
7439-92-1	Lead	25	ug/L	1.1 U	1.3 U	1.1 U	1.7 B	0.66 U
7439-95-4	Magnesium	35000 (G)	ug/L	46.8 B	60.7 B	121 B	2140 B	282 B
7439-96-5	Manganese	300	ug/L	0.27 U	0.39 B	0.15 U	4.1 B	8.2 B
7440-02-0	Nickel	100	ug/L	2.5 B	2.8 BE	3.1 U	2.1 B	2.3 B
7440-09-7	Potassium	NS	ug/L	47100	48500	54100	53600 E	49900
7782-49-2	Selenium	10	ug/L	3.6 U	5.3	3.7 U	**25**	3.6 B
7440-22-4	Silver	50	ug/L	1 U	0.78 U	0.75 U	0.73 U	0.73 U
7440-23-5	Sodium	20000	ug/L	**44300**	**46200 E**	**61300**	**54200**	**72400**
7440-28-0	Thallium	.5 (G)	ug/L	3.8 U	5.1 U	4.9 U	3.7 U	3.6 U
7440-62-2	Vanadium	NS	ug/L	16.5 B	12.6 BE	15.1 B	45 B	19.2 B
7440-66-6	Zinc	2000 (G)	ug/L	1.6 U	6.3 B	3.4 B	1.2 B	3.8 B
57-12-5	Cyanide	200	ug/L	15.6	25.3	39.9	23	28.2

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-3	S-4	S-4DL	S-4	S-4
			Lab Sample Id:	T6807	G5118	G5118DL	H1025	H7398
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	724	5116	5116	6857	7810
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	12/11/01	11/20/97	11/20/97	2/20/98	5/28/98
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U		2 J	10 U
71-43-2	Benzene	1	ug/L	10 U	6 J		10 U	1 J
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
75-00-3	Chloroethane	5	ug/L	10 U	10 U		10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U		10 U	10 U
75-35-3	1,1-Dichloroethane	5	ug/L	2 J	10 U		10 U	10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L	10 U				
156-60-5	trans-1,2-Dichloroethene	5	ug/L	10 U				
540-59-0	1,2-Dichloroethene (total)	5	ug/L		3 J		10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	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
75-09-2	Methylene chloride	5	ug/L	2 JB	10 U		10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U		10 U	10 U
108-88-3	Toluene	5	ug/L	0.7 J	1 J		10 U	10 U
79-01-6	Trichloroethene	5	ug/L	10 U	1 J		10 U	10 U
75-01-4	Vinyl chloride	2	ug/L	10 U	10 U		10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	2 J	2 J		10 U	10 U
	Total VOCs			6.7	13	NA	2	1
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	8 J	8 JD	10 U	6 J
208-96-8	Acenaphthylene	NS	ug/L	10 U	4 J	4 JD	10 U	5 J
120-12-7	Anthracene	50 (G)	ug/L	10 U	1 J	40 U	10 U	10 U
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
50-32-8	Benzo[a]pyrene	ND	ug/L	10 U	10 U	40 U	10 U	10 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
191-24-2	Benzo[g,h,i]perylene	NS	ug/L	10 U	10 U	40 U	10 U	10 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	40 U	10 U	10 U
86-74-8	Carbazole	NS	ug/L	10 U	4 J	4 JD	10 U	4 J
59-50-7	4-Chloro-3-methylphenol	1	ug/L	10 U	10 U	40 U	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
53-70-3	Dibenz[a,h]anthracene	NS	ug/L	10 U	10 U	40 U	10 U	10 U
132-64-9	Dibenzofuran	NS	ug/L	10 U	4 J	5 JD	10 U	5 J
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	40 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	40 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	5	ug/L	10 U	10 U	40 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	1	ug/L	10	4 J	40 U	10 U	18
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
86-73-7	Fluorene	50 (G)	ug/L	10 U	6 J	8 JD	10 U	6 J
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
91-57-6	2-Methylnaphthalene	NS	ug/L	10 U	6 J	6 JD	10 U	5 J
95-48-7	2-Methylphenol	1	ug/L	10 U	2 J	40 U	10 U	6 J
106-44-5	4-Methylphenol	1	ug/L	3 J	3 J	40 U	10 U	10
91-20-3	Naphthalene	10 (G)	ug/L	4 J	110 E	190 D	10 U	110 E
85-01-8	Phenanthrene	50 (G)	ug/L	1 J	10 J	12 JD	10 U	8 J
108-95-2	Phenol	1	ug/L	10 U	10 U	40 U	10 U	1 J
129-00-0	Pyrene	50 (G)	ug/L	10 U	10 U	40 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	40 U	10 U	10 U
	Total SVOCs			18	162	237	ND	184
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L	0.051 U	0.05 U		0.05 U	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.051 U	0.05 U		0.05 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.051 U	0.05 U		0.05 U	0.051 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U	0.05 U		0.05 U	0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U	0.0011 JP		0.0021 JP	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U	0.05 U		0.0036 JP	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.012 JP	0.05 U		0.05 U	0.011 JP
72-54-8	4,4'-DDD	0.3	ug/L	0.1 U	0.1 U		0.0045 JP	0.1 U
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.1 U		0.017 J	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.0058 J	0.1 U		0.0085 JP	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.018 J	0.1 U		0.1 U	0.1 U
959-98-8	Endosulfan I	NS	ug/L	0.0038 JP	0.05 U		0.05 U	0.051 U
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	0.0078 JP
72-20-8	Endrin	ND	ug/L	0.012 JP	0.1 U		0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.011 BJP	0.1 U		0.1 U	0.1 U
53494-70-5	Endrin ketone	5	ug/L	0.003 JP	0.1 U		0.1 U	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.0017 JP	0.05 U		0.05 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.002 JP	0.05 U		0.05 U	0.051 U
72-43-5	Methoxychlor	35	ug/L	0.51 U	0.5 U		0.5 U	0.51 U
	Total Pesticides			0.0693	0.0011	NA	0.0357	0.0188

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-3 T6807 OBG 724 Water 12/11/01	S-4 G5118 OBG 5116 Water 11/20/97	S-4DL G5118DL OBG 5116 Water 11/20/97	S-4 H1025 OBG 6857 Water 2/20/98	S-4 H7398 OBG 7810 Water 5/28/98
CAS NO.	COMPOUND		UNITS:					
	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	ND	NA	ND	ND
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	556	618		935	329
7440-36-0	Antimony	3	ug/L	3.2 B	2.6 U		2.6 U	2.9 U
7440-38-2	Arsenic	25	ug/L	4.2 B	18.4		4.2 U	16.8
7440-39-3	Barium	1000	ug/L	38.5 B	41.3 B		40.5 B	54.1 B
7440-41-7	Beryllium	3 (G)	ug/L	0.1 U	0.06 U		0.07 U	0.12 U
7440-43-9	Cadmium	5	ug/L	0.37 U	0.24 U		0.3 U	0.49 U
7440-70-2	Calcium	NS	ug/L	132000	84000		74100	134000
7440-47-3	Chromium	50	ug/L	0.89 U	1.1 U		3.3 B	1.6 U
7440-48-4	Cobalt	NS	ug/L	0.72 U	1.1 U		1.2 U	2.3 U
7440-50-8	Copper	200	ug/L	0.46 U	1.8 B		3.2 B	1.2 B
7439-89-6	Iron	300	ug/L	40.7 B	774		1070	155
7439-92-1	Lead	25	ug/L	1.5 U	2.2 B		1.1 U	1.8 U
7439-95-4	Magnesium	35000 (G)	ug/L	213 B	719 B		17600	3900 B
7439-96-5	Manganese	300	ug/L	1.8 U	55.2		525	83.1
7440-02-0	Nickel	100	ug/L	3.2 B	3.7 B		2.3 B	1.4 U
7440-09-7	Potassium	NS	ug/L	48800	16600		12600	22900
7782-49-2	Selenium	10	ug/L	4.4 B	4 U		4 U	4.8 U
7440-22-4	Silver	50	ug/L	1 U	0.61 B		0.6 U	1.1 U
7440-23-5	Sodium	20000	ug/L	63600	25700		13300	24400
7440-28-0	Thallium	.5 (G)	ug/L	5.1 U	3.3 U		4.5 B	7.4 U
7440-62-2	Vanadium	NS	ug/L	15.7 B	3.2 B		3 B	2.2 B
7440-66-6	Zinc	2000 (G)	ug/L	1.4 U	13.2 B		480	14.3 B
57-12-5	Cyanide	200	ug/L	47.9	10 U		15.9	70.5

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-4DL H7398DL OBG 7810 Water 5/28/98	S-4RE H7398RE OBG 7810 Water 5/28/98	S-4 M0297 OBG 1516 Water 4/21/99	S-4RE M0297RE OBG 1516 Water 4/21/99	S-4 N5018 OBG 3880 Water 11/10/99
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L			6 J		10 U
71-43-2	Benzene	1	ug/L			5 J		10 U
78-93-3	2-Butanone	50	ug/L			10 U		10 U
75-15-0	Carbon disulfide	NS	ug/L			10		10 U
75-00-3	Chloroethane	5	ug/L			10 U		10 U
74-87-3	Chloromethane	5	ug/L			10 U		10 U
75-35-3	1,1-Dichloroethane	5	ug/L			8 J		10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L			9 J		
156-60-5	trans-1,2-Dichloroethene	5	ug/L			2 J		
540-59-0	1,2-Dichloroethene (total)	5	ug/L			11		10 U
100-41-4	Ethylbenzene	5	ug/L			7 J		10 U
108-10-1	4-Methyl-2-pentanone	NS	ug/L			10 U		10 U
75-09-2	Methylene chloride	5	ug/L			2 J B		10 U
127-18-4	Tetrachloroethene	5	ug/L			10 U		10 U
108-88-3	Toluene	5	ug/L			4 J		10 U
79-01-6	Trichloroethene	5	ug/L			10 U		10 U
75-01-4	Vinyl chloride	2	ug/L			4 J		10 U
1330-20-7	Xylene (total)	5	ug/L			24		10 U
	Total VOCs			NA	NA	92	NA	ND
	SEMIVOLATILES							
83-32-9	Acenaphthene	20 (G)	ug/L	6 JD	6 J	10 U	10 U	1 J
208-96-8	Acenaphthylene	NS	ug/L	5 JD	5 J	10 U	10 U	1 J
120-12-7	Anthracene	50 (G)	ug/L	20 U	10 U	10 U	10 U	10 U
56-55-3	Benzo[a]anthracene	0.002 (G)	ug/L	20 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
205-99-2	Benzo[b]fluoranthene	0.002 (G)	ug/L	20 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
207-08-9	Benzo[k]fluoranthene	0.002 (G)	ug/L	20 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
86-74-8	Carbazole	NS	ug/L	4 JD	4 J	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
218-01-9	Chrysene	0.002 (G)	ug/L	20 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
132-64-9	Dibenzofuran	NS	ug/L	5 JD	5 J	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
106-46-7	1,4-Dichlorobenzene	3	ug/L	20 U	10 U	2 J	2 J	10 U
120-83-2	2,4-Dichlorophenol	5	ug/L	20 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
131-11-3	Dimethyl phthalate	50 (G)	ug/L	20 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	20 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
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	ug/L	20 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
95-48-7	2-Methylphenol	1	ug/L	6 JD	6 J	2 J	2 J	10 U
106-44-5	4-Methylphenol	1	ug/L	11 JD	11	10 U	10 U	10 U
91-20-3	Naphthalene	10 (G)	ug/L	110 D	110 E	11	8 J	10 U
85-01-8	Phenanthrene	50 (G)	ug/L	8 JD	8 J	10 U	10 U	10 U
108-95-2	Phenol	1	ug/L	20 U	1 J	10 U	10 U	10 U
129-00-0	Pyrene	50 (G)	ug/L	20 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
	Total SVOCs			186	187	75	56	5
	PESTICIDES							
309-00-2	Aldrin	ND	ug/L			0.05 U		0.05 U
319-84-6	alpha-BHC	0.01	ug/L			0.05 U		0.05 U
319-85-7	beta-BHC	0.04	ug/L			0.05 U		0.05 U
319-86-8	delta-BHC	0.04	ug/L			0.008 JP		0.05 U
58-89-9	gamma-BHC	0.05	ug/L			0.05 U		0.05 U
5103-71-9	alpha-Chlordane	0.05	ug/L			0.012 JP		0.0049 JP
5103-74-2	gamma-Chlordane	0.05	ug/L			0.05 U		0.05 U
72-54-8	4,4'-DDD	0.3	ug/L			0.0047 JP		0.1 U
72-55-9	4,4'-DDE	0.2	ug/L			0.1 U		0.011 JP
50-29-3	4,4'-DDT	0.2	ug/L			0.022 BJP		0.0071 JP
60-57-1	Dieldrin	0.004	ug/L			0.1 U		0.1 U
959-98-8	Endosulfan I	NS	ug/L			0.05 U		0.05 U
33213-65-9	Endosulfan II	NS	ug/L			0.0079 JP		0.0012 JP
1031-07-8	Endosulfan sulfate	NS	ug/L			0.0023 BJP		0.1 U
72-20-8	Endrin	ND	ug/L			0.011 JP		0.1 U
7421-93-4	Endrin aldehyde	5	ug/L			0.0096 JP		0.0037 J
53494-70-5	Endrin ketone	5	ug/L			0.0075 JP		0.1 U
76-44-8	Heptachlor	0.04	ug/L			0.05 U		0.05 U
1024-57-3	Heptachlor epoxide	0.03	ug/L			0.025 J		0.0041 JP
72-43-5	Methoxychlor	35	ug/L			0.5 U		0.5 U
	Total Pesticides			NA	NA	0.11	NA	0.032

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-4DL	S-4RE	S-4	S-4RE	S-4
			Lab Sample Id:	H7398DL	H7398RE	M0297	M0297RE	N5018
			Source:	OBG	OBG	OBG	OBG	OBG
			SDG:	7810	7810	1516	1516	3880
			Matrix:	Water	Water	Water	Water	Water
			Sampled:	5/28/98	5/28/98	4/21/99	4/21/99	11/10/99
			Validated:					
CAS NO.	COMPOUND		UNITS:					
	PCBs							
53469-21-9	Aroclor-1242	Sum PCBs	ug/L			1.5 P		1 U
12672-29-6	Aroclor-1248	of 0.09	ug/L			1 U		1 U
11096-82-5	Aroclor-1260		ug/L			1 U		1 U
	Total PCBs			NA	NA	**1.5**	NA	ND
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L			58.9 B		331
7440-36-0	Antimony	3	ug/L			1.6 U		2.5 U
7440-38-2	Arsenic	25	ug/L			1.9 U		5.3 B
7440-39-3	Barium	1000	ug/L			68.9 B		40.6 B
7440-41-7	Beryllium	3 (G)	ug/L			0.13		0.04 U
7440-43-9	Cadmium	5	ug/L			0.5 B		0.3 U
7440-70-2	Calcium	NS	ug/L			456000		153000
7440-47-3	Chromium	50	ug/L			2 B		1.6 BE
7440-48-4	Cobalt	NS	ug/L			1.6 U		1.7 U
7440-50-8	Copper	200	ug/L			0.49 U		1.8 B
7439-89-6	Iron	300	ug/L			**463**		**411**
7439-92-1	Lead	25	ug/L			1.2 B		1.3 U
7439-95-4	Magnesium	35000 (G)	ug/L			10700		3640 B
7439-96-5	Manganese	300	ug/L			**357**		88.8
7440-02-0	Nickel	100	ug/L			1.3 U		2.7 BE
7440-09-7	Potassium	NS	ug/L			60200		26300
7782-49-2	Selenium	10	ug/L			3.6 U		5.2
7440-22-4	Silver	50	ug/L			1 U		0.78 U
7440-23-5	Sodium	20000	ug/L			**35400**		**23600 E**
7440-28-0	Thallium	.5 (G)	ug/L			3.8 U		5.1 U
7440-62-2	Vanadium	NS	ug/L			2 B		12 BE
7440-66-6	Zinc	2000 (G)	ug/L			2.5 B		5.7 B
57-12-5	Cyanide	200	ug/L			48.9		108

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID:	S-4	S-4	S-4	S-4
			Lab Sample Id:	Q4028	R7178	S7279	T6910
			Source:	OBG	OBG	OBG	OBG
			SDG:	5512	7645	9259	739
			Matrix:	Water	Water	Water	Water
			Sampled:	4/28/00	12/14/00	6/19/01	12/12/01
			Validated:				
CAS NO.	COMPOUND		UNITS:				
	VOLATILES						
67-64-1	Acetone	50 (G)	ug/L	10 U	3 J	4 J	10 U
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 U	10 U	10 U	10 U
75-00-3	Chloroethane	5	ug/L	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	5	ug/L	10 U	10 U	10 U	10 U
75-35-3	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	5	ug/L	10 U		10 U	10 U
156-60-5	trans-1,2-Dichloroethene	5	ug/L	10 U		10 U	10 U
540-59-0	1,2-Dichloroethene (total)	5	ug/L	10 U	1 J		
100-41-4	Ethylbenzene	5	ug/L	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
75-09-2	Methylene chloride	5	ug/L	10 U	10 U	10 U	1 JB
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	10 U
79-01-6	Trichloroethene	5	ug/L	10 U	10 U	10 U	10 U
75-01-4	Vinyl chloride	2	ug/L	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U	1 J	10 U	10 U
	Total VOCs			ND	5	4	1
	SEMIVOLATILES						
83-32-9	Acenaphthene	20 (G)	ug/L	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	NS	ug/L	10 U	10 U	10 U	10 U
120-12-7	Anthracene	50 (G)	ug/L	10 U	10 U	10 U	10 U
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
191-24-2	Benzo[g,h,i]perylene	NS	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	2 J	2 J	4 J	10 U
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	3 J	10 U	10 U
218-01-9	Chrysene	0.002 (G)	ug/L	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
132-64-9	Dibenzofuran	NS	ug/L	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
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	5	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
131-11-3	Dimethyl phthalate	50 (G)	ug/L	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	50 (G)	ug/L	10 U	10 U	10 U	10 U
86-73-7	Fluorene	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	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	1	ug/L	10 U	2 J	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
85-01-8	Phenanthrene	50 (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	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U
	Total SVOCs			2	7	4	ND
	PESTICIDES						
309-00-2	Aldrin	ND	ug/L	0.0021 JP	0.05 U	0.05 U	0.051 U
319-84-6	alpha-BHC	0.01	ug/L	0.0016 J	0.05 U	0.05 U	0.051 U
319-85-7	beta-BHC	0.04	ug/L	0.051 U	0.05 U	0.05 U	0.051 U
319-86-8	delta-BHC	0.04	ug/L	0.051 U	0.0035 BJP	0.05 U	0.051 U
58-89-9	gamma-BHC	0.05	ug/L	0.051 U	0.05 U	0.05 U	0.051 U
5103-71-9	alpha-Chlordane	0.05	ug/L	0.051 U	0.05 U	0.05 U	0.051 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.051 U	0.05 U	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
72-55-9	4,4'-DDE	0.2	ug/L	0.01 J	0.0036 J	0.0028 BJP	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.003 JP	0.0021 JP	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.1 U	0.0037 JP
959-98-8	Endosulfan I	NS	ug/L	0.051 U	0.05 U	0.05 U	0.051 U
33213-65-9	Endosulfan II	NS	ug/L	0.0012 JP	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.0032 JP	0.1 U	0.1 U
72-20-8	Endrin	ND	ug/L	0.1 U	0.011 JP	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	5	ug/L	0.1 J	0.0044 J	0.1 U	0.011 BJP
53494-70-5	Endrin ketone	5	ug/L	0.1 U	0.1 U	0.1 U	0.1 U
76-44-8	Heptachlor	0.04	ug/L	0.051 U	0.05 U	0.05 U	0.051 U
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.051 U	0.05 U	0.05 U	0.00066 JP
72-43-5	Methoxychlor	35	ug/L	0.51 U	0.5 U	0.5 U	0.51 U
	Total Pesticides			0.1179	0.0278	0.0028	0.01536

Detected Compound Summary
Sump Samples

Cherry Farm Sumps Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	S-4 Q4028 OBG 5512 Water 4/28/00	S-4 R7178 OBG 7645 Water 12/14/00	S-4 S7279 OBG 9259 Water 6/19/01	S-4 T6910 OBG 739 Water 12/12/01
CAS NO.	COMPOUND		UNITS:				
	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	ND	ND	ND
	INORGANICS						
7429-90-5	Aluminum	NS	ug/L	700	202 E	170 B	24.7 B
7440-36-0	Antimony	3	ug/L	1.9 U	1.7 B	1.4 U	2.1 U
7440-38-2	Arsenic	25	ug/L	2.2 U	2 U	1.6 U	2.6 B
7440-39-3	Barium	1000	ug/L	18 B	32.1 B	60.3 B	137 B
7440-41-7	Beryllium	3 (G)	ug/L	0.14 U	0.31 B	0.08 U	0.13 B
7440-43-9	Cadmium	5	ug/L	0.28 U	0.25 U	0.24 U	0.37 U
7440-70-2	Calcium	NS	ug/L	58000	151000	139000	208000
7440-47-3	Chromium	50	ug/L	5.5 B	2.1 B	2.5 B	11.5
7440-48-4	Cobalt	NS	ug/L	1.4 B	0.86 U	0.93 U	0.72 U
7440-50-8	Copper	200	ug/L	6.7 B	2.6 B	3.2 B	0.46 U
7439-89-6	Iron	300	ug/L	1230	1100	2700	57300
7439-92-1	Lead	25	ug/L	1.1 U	1.4 B	0.66 U	1.5 U
7439-95-4	Magnesium	35000 (G)	ug/L	7320	11400	14400	45500
7439-96-5	Manganese	300	ug/L	53.1	368	370	2040
7440-02-0	Nickel	100	ug/L	5.3 B	2.4 B	2.7 B	4 B
7440-09-7	Potassium	NS	ug/L	14400	23200 E	23600	34700
7782-49-2	Selenium	10	ug/L	3.7 U	2.8 B	1.8 U	2.6 B
7440-22-4	Silver	50	ug/L	0.75 U	0.73 U	0.73 U	1 U
7440-23-5	Sodium	20000	ug/L	8060	13700	18000	64500
7440-28-0	Thallium	.5 (G)	ug/L	4.9 U	3.7 U	3.6 U	5.1 U
7440-62-2	Vanadium	NS	ug/L	2.6 B	3.8 B	1.4 B	1.6 B
7440-66-6	Zinc	2000 (G)	ug/L	22.6	2.8 B	5.6 B	1.4 U
57-12-5	Cyanide	200	ug/L	10 U	23.6	11.1	24.5

APPENDIX B-3
SURFACE WATER CHEMICAL ANALYSIS RESULTS
(1997 TO 2001)

Detected Compound Summary
Surface Water Samples

Cherry Farm Surface Water Detected Compound Summary		NYSDEC Class A Surface Water Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix Sampled: Validated	SW-1 G5192 OBG 5116 Water 11/21/97	SW-1 H0921 OBG 6847 Water 2/18/98	SW-1 H7401 OBG 7810 Water 5/28/98	SW-1 M0192 OBG 1489 Water 4/20/99	SW-1 A9751102 OBG 11090 Water 11/9/99
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	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	5 J	10 U
75-09-2	Methylene chloride	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 U	10 U	10 U
	Total VOCs			ND	ND	ND	5	ND
	SEMIVOLATILES							
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U	10 U	1 J	10 U	9 U
	PESTICIDES							
309-00-2	Aldrin	0.022 (G)	ug/L	0.05 U	0.051 U	0.052 U	0.051 U	0.047 U
319-84-6	alpha-BHC	0.01	ug/L	0.0031 JP	0.0068 J	0.052 U	0.0083 BJP	0.047 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U	0.051 U	0.052 U	0.051 U	0.047 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U	0.0023 J	0.0019 BJP	0.051 U	0.047 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U	0.051 U	0.0026 JP	0.0048 BJP	0.047 U
72-54-8	4,4'-DDD	0.3	ug/L	0.0022 JP	0.1 U	0.1 U	0.002 J	0.094 U
72-55-9	4,4'-DDE	0.2	ug/L	0.021 J	0.0019 JP	0.0032 JP	0.1 U	0.094 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 JP	0.1 U	0.1 U	0.1 U	0.094 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U	0.1 U	0.0016 JP	0.00096 JP	0.094 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.0059 J	0.1 U	0.00052 JP	0.094 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.1 U	0.001 JP	0.0018 JP	0.094 U
72-20-8	Endrin	0.2	ug/L	0.1 U	0.1 U	0.0017 JP	0.00056 JP	0.094 U
7421-93-4	Endrin aldehyde	5 (G)	ug/L	0.1 U	0.0059 JP	0.1 U	0.1 U	0.094 U
72-43-5	Methoxychlor	35	ug/L	0.5 U	0.51 U	0.52 U	0.51 U	0.47 U
	Total Pesticides			0.1263	0.0228	0.012	0.01894	ND
	PCBs							
	None Detected							
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	263	2630	73.6 B	153 B	315
7440-36-0	Antimony	3	ug/L	2.6 U	2.6 U	2.9 B	8.3 B	6 U
7440-38-2	Arsenic	25	ug/L	4.2 U	4.2 U	7.2 B	5.2 B	8.9 B
7440-39-3	Barium	1000	ug/L	12.2 B	33.9 B	26 B	50.3 B	51.4 B
7440-41-7	Beryllium	3 (G)	ug/L	0.06 U	0.08 B	0.12 U	0.13 U	1 U
7440-70-2	Calcium	NS	ug/L	34600	68900	134000	189000	152000
7440-47-3	Chromium	50	ug/L	2.6 B	7.4 B	1.6 U	8.7 B	2 U
7440-48-4	Cobalt	5	ug/L	1.1 U	1.2 U	2.3 U	1.6 U	2 U
7440-50-8	Copper	200	ug/L	3.4 B	8.1 B	0.84 U	3.6 B	4.3 B
7439-89-6	Iron	300	ug/L	300	2030	352	223	282
7439-92-1	Lead	50	ug/L	1 U	10.2	1.8 U	1.1 U	3 U
7439-95-4	Magnesium	35000 (G)	ug/L	11000	19200	57900	53200	40400
7439-96-5	Manganese	300	ug/L	6.4 B	70.5	220	71.6	39.8
7440-02-0	Nickel	100	ug/L	1.2 B	3.6 B	2.3 B	3.2 B	3.6 B
7440-09-7	Potassium	NS	ug/L	4330 B	9890	76900	66300	46700
7782-49-2	Selenium	10	ug/L	4.4 B	4 U	4.8 U	3.6 U	9.8
7440-22-4	Silver	50	ug/L	0.56 U	0.6 U	1.1 U	1 U	1 U
7440-23-5	Sodium	20000	ug/L	6090	30400	134000	133000	79400
7440-62-2	Vanadium	NS	ug/L	1.2 B	6.4 B	1.2 B	9.9 B	2 U
7440-66-6	Zinc	2000 (G)	ug/L	6.5 B	29.9	9.3 B	23.7	15.8 B
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	10 U	

Cherry Farm Surface Water Detected Compound Summary		NYSDEC Class A Surface Water Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated	SW-1 R7147 OBG 7645 Water 12/13/00	SW-1 T7110 OBG 764 Water 12/13/01	SW-2 G5193 OBG 5116 Water 11/21/97	SW-3 G5117 OBG 5116 Water 11/20/97	SW-3 N4876 OBG 3856 Water 11/9/99
CAS NO.	COMPOUND		UNITS:					
	VOLATILES							
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	2 J	10 U	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	ug/L	10 U	0.7 JB	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	ug/L	2 J	10 U	10 U	10 U	10 U
	Total VOCs			2	0.7	2	ND	ND
	SEMIVOLATILES							
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	4 J	11 U	10 U	10 U	10 U
	PESTICIDES							
309-00-2	Aldrin	0.022 (G)	ug/L	0.052 U	0.058 U	0.05 U	0.05 U	0.052 U
319-84-6	alpha-BHC	0.01	ug/L	0.006 J	0.058 U	0.05 U	0.05 U	0.052 U
319-85-7	beta-BHC	0.04	ug/L	0.0087 JP	0.058 U	0.05 U	0.05 U	0.052 U
58-89-9	gamma-BHC	0.05	ug/L	0.052 U	0.058 U	0.05 U	0.05 U	0.052 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.052 U	0.058 U	0.05 U	0.05 U	0.052 U
72-54-8	4,4'-DDD	0.3	ug/L	0.0031 JP	0.12 U	0.1 U	0.1 U	0.0015 JP
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U	0.12 U	0.0043 JP	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U	0.12 U	0.0014 JP	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.0038 JP	0.0016 BJP	0.1 U	0.1 U	0.0064 JP
33213-65-9	Endosulfan II	NS	ug/L	0.1 U	0.12 U	0.1 U	0.1 U	0.0013 JP
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U	0.12 U	0.1 U	0.1 U	0.0021 JP
72-20-8	Endrin	0.2	ug/L	0.0032 JP	0.12 U	0.1 U	0.1 U	0.0018 JP
7421-93-4	Endrin aldehyde	5 (G)	ug/L	0.1 U	0.01 BJP	0.1 U	0.1 U	0.0016 JP
72-43-5	Methoxychlor	35	ug/L	0.061 BJP	0.58 U	0.5 U	0.012 J	0.52 U
	Total Pesticides			0.0858	0.0116	0.0057	0.012	0.0147
	PCBs							
	None Detected							
	INORGANICS							
7429-90-5	Aluminum	NS	ug/L	380 E	127 BN	687	358	271
7440-36-0	Antimony	3	ug/L	3.4 B	2.1 U	2.6 U	2.6 U	2.5 U
7440-38-2	Arsenic	25	ug/L	5 B	5.3 B	4.2 U	4.2 U	5 B
7440-39-3	Barium	1000	ug/L	37.6 B	46.1 B	20 B	25.8 B	44.3 B
7440-41-7	Beryllium	3 (G)	ug/L	0.27 B	0.1 B	0.06 U	0.06 U	0.04 U
7440-70-2	Calcium	NS	ug/L	125000	192000	38100	131000	153000
7440-47-3	Chromium	50	ug/L	10.3	7.6 B	3 B	8.1 B	5.3 BE
7440-48-4	Cobalt	5	ug/L	0.86 U	1.1 B	1.1 U	1.1 U	1.7 U
7440-50-8	Copper	200	ug/L	2.5 B	1.9 B	5.3 B	2.9 B	4 B
7439-89-6	Iron	300	ug/L	473	305	1080	559	379
7439-92-1	Lead	50	ug/L	2.3 B	1.5 U	4.6	1 U	1.3 U
7439-95-4	Magnesium	35000 (G)	ug/L	29800	56300	10200	31800	38700
7439-96-5	Manganese	300	ug/L	93	48.7	25.1	56	18.5
7440-02-0	Nickel	100	ug/L	3.1 B	4.7 B	2.3 B	3 B	3.9 BE
7440-09-7	Potassium	NS	ug/L	29200 E	59600	1040 B	24700	39200
7782-49-2	Selenium	10	ug/L	2.4 B	2.6 B	4 U	4.2 B	3.9 B
7440-22-4	Silver	50	ug/L	0.73 U	1 U	0.9 B	0.56 U	0.78 U
7440-23-5	Sodium	20000	ug/L	93600	99300	3980 B	95400	84600 E
7440-62-2	Vanadium	NS	ug/L	2.9 B	2.7 B	2.2 B	3.5 B	3.5 BE
7440-66-6	Zinc	2000 (G)	ug/L	15.4 B	15.9 B	26.2	12.1 B	41.2
57-12-5	Cyanide	200	ug/L	10 U	10 U	10 U	138	10 U

Cherry Farm Surface Water Detected Compound Summary		NYSDEC Class A Surface Water Standards/Guidelines	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	SW-3 Q3847 OBG 5490 Water 4/26/00
CAS NO.	COMPOUND		UNITS:	
	VOLATILES			
67-64-1	Acetone	50 (G)	ug/L	10 U
75-15-0	Carbon disulfide	NS	ug/L	10 U
75-09-2	Methylene chloride	5	ug/L	10 U
1330-20-7	Xylene (total)	5	ug/L	10 U
	Total VOCs			ND
	SEMIVOLATILES			
117-81-7	bis(2-Ethylhexyl)phthalate	5	ug/L	10 U
	PESTICIDES			
309-00-2	Aldrin	0.022 (G)	ug/L	0.0017 JP
319-84-6	alpha-BHC	0.01	ug/L	0.05 U
319-85-7	beta-BHC	0.04	ug/L	0.05 U
58-89-9	gamma-BHC	0.05	ug/L	0.05 U
5103-74-2	gamma-Chlordane	0.05	ug/L	0.05 U
72-54-8	4,4'-DDD	0.3	ug/L	0.0014 JP
72-55-9	4,4'-DDE	0.2	ug/L	0.1 U
50-29-3	4,4'-DDT	0.2	ug/L	0.1 U
60-57-1	Dieldrin	0.004	ug/L	0.1 U
33213-65-9	Endosulfan II	NS	ug/L	0.1 U
1031-07-8	Endosulfan sulfate	NS	ug/L	0.1 U
72-20-8	Endrin	0.2	ug/L	0.1 U
7421-93-4	Endrin aldehyde	5 (G)	ug/L	0.1 U
72-43-5	Methoxychlor	35	ug/L	0.5 U
	Total Pesticides			0.0031
	PCBs			
	None Detected			
	INORGANICS			
7429-90-5	Aluminum	NS	ug/L	203
7440-36-0	Antimony	3	ug/L	1.9 U
7440-38-2	Arsenic	25	ug/L	5.1 B
7440-39-3	Barium	1000	ug/L	35.5 B
7440-41-7	Beryllium	3 (G)	ug/L	0.14 U
7440-70-2	Calcium	NS	ug/L	130000
7440-47-3	Chromium	50	ug/L	7.1 B
7440-48-4	Cobalt	5	ug/L	0.96 U
7440-50-8	Copper	200	ug/L	3.1 B
7439-89-6	Iron	300	ug/L	291
7439-92-1	Lead	50	ug/L	1.1 U
7439-95-4	Magnesium	35000 (G)	ug/L	40300
7439-96-5	Manganese	300	ug/L	23.4
7440-02-0	Nickel	100	ug/L	3.1 U
7440-09-7	Potassium	NS	ug/L	31000
7782-49-2	Selenium	10	ug/L	3.7 U
7440-22-4	Silver	50	ug/L	0.75 U
7440-23-5	Sodium	20000	ug/L	89800
7440-62-2	Vanadium	NS	ug/L	2.6 B
7440-66-6	Zinc	2000 (G)	ug/L	14 B
57-12-5	Cyanide	200	ug/L	10 U

APPENDIX C
HABITAT REPORT

MEMORANDUM

January 30, 2001

To: United States Army Corps of Engineers (USACE)

From: Mark S. Raybuck, Parsons Engineering Science, Inc. (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 third year of monitoring the wetlands and wooded upland mitigation areas at the Cherry Farm/River Road Site (Site), conducted during 2001. 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 Engineering Science, Inc. (Parsons) documented the progress of the mitigation areas by maintaining inspection reports and photo 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 2001 monitoring period, cattail cover increased on the north end of the northernmost barrier island, filling much of the trough and creating nearly solid vegetative cover between the barrier island and the upland bank (Figure 2). 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 (Figure 3).

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 (Figure 4). In addition to the planted wetland species, numerous grasses and forbs have become established now by natural means on the barrier islands (Figure 5).

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 (Figure 6). 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 7 and 8). 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 (Figures 9 and 10).

FISH AND WILDLIFE OBSERVATIONS

The barrier islands continued to be used throughout the year by a variety of fish and wildlife species. Flocks of more than 75 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.

A trapper was hired to thin the local muskrat (*Ondatra zibethicos*) and woodchuck (*Marmota monax*) populations. During the course of his visits from spring to fall 2001, he reported sighting the following species in the area.

- Red-tailed hawks (*Buteo jamaicensis*) with a nest;
- Sparrow hawks (*Falco sparverius*) also known as American Kestral;
- Canada geese (*Branta Canadensis*);
- Great blue heron (*Ardea herodias*);
- Killdeer (*Charadrius vociferus*), deer (*Odocoileus virginians*);
- Turkey vultures (*Cathartes aura*);
- Red fox (*Vulpes vulpes*), Grey fox (*Urocyon cinereoargenteus*);
- Coyote (*Canis latrans*);
- Mink (*Mustela vison*);
- Painted turtles (*Chrysemys picta*);
- Snapping turtles (*Chelydra Serpentina*) and
- Frogs and small fish

CONCLUSIONS

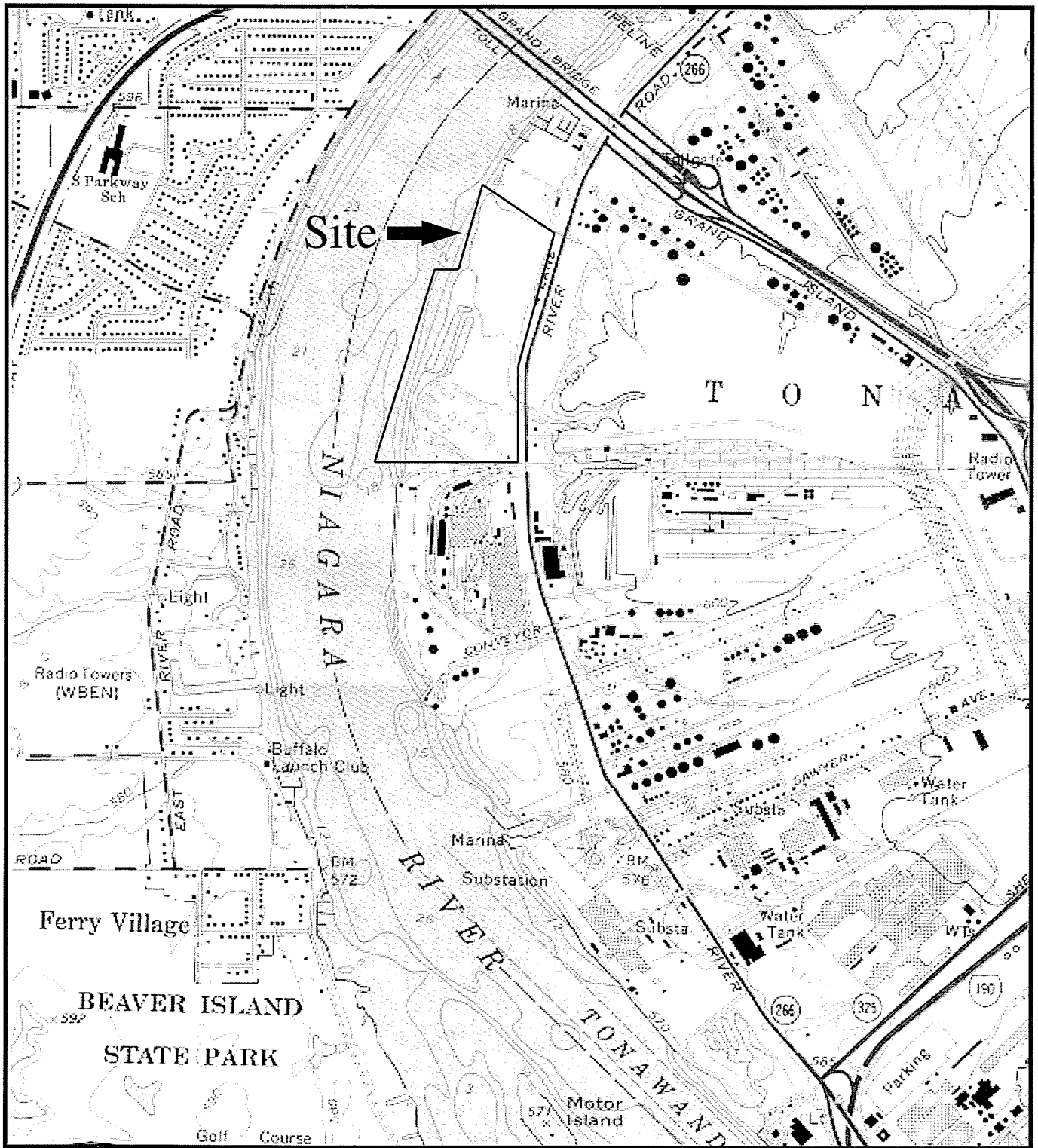
Observations during 2001 indicate that the wetland and wooded upland plants are continuing to grow and propagate. In addition to further development of the transplanted plant species, additional plant species are becoming established naturally. Fish and wildlife usage of the wetlands and the adjacent upland areas continues to be well documented. Evidence of the success of the mitigation areas during 2001 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.



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.

Broad-leaved cattail in the trough adjacent to the northernmost barrier island.

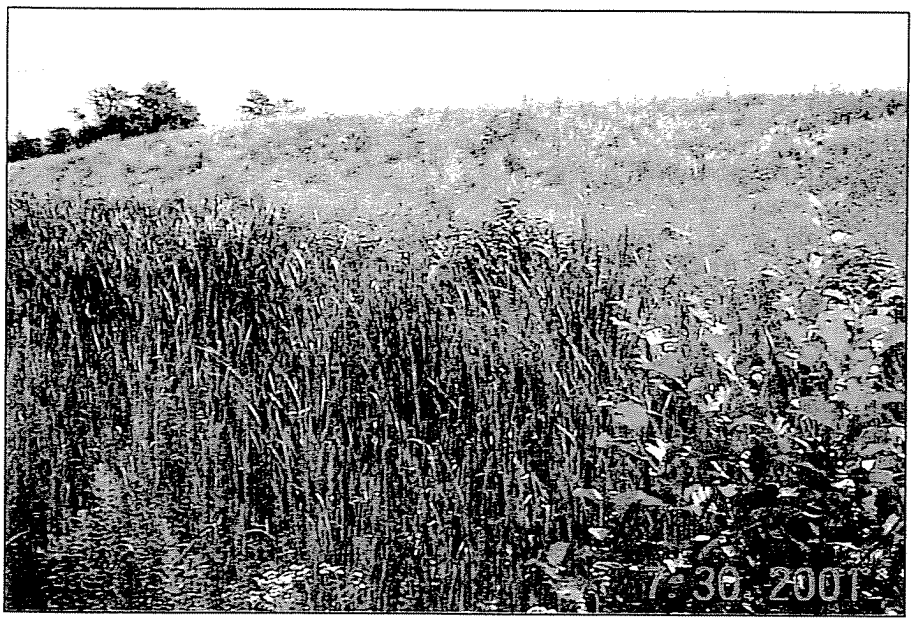


Figure 3.

Soft rush at the waterline on a barrier island.

Figure 4.

Red osier dogwood on a barrier island.

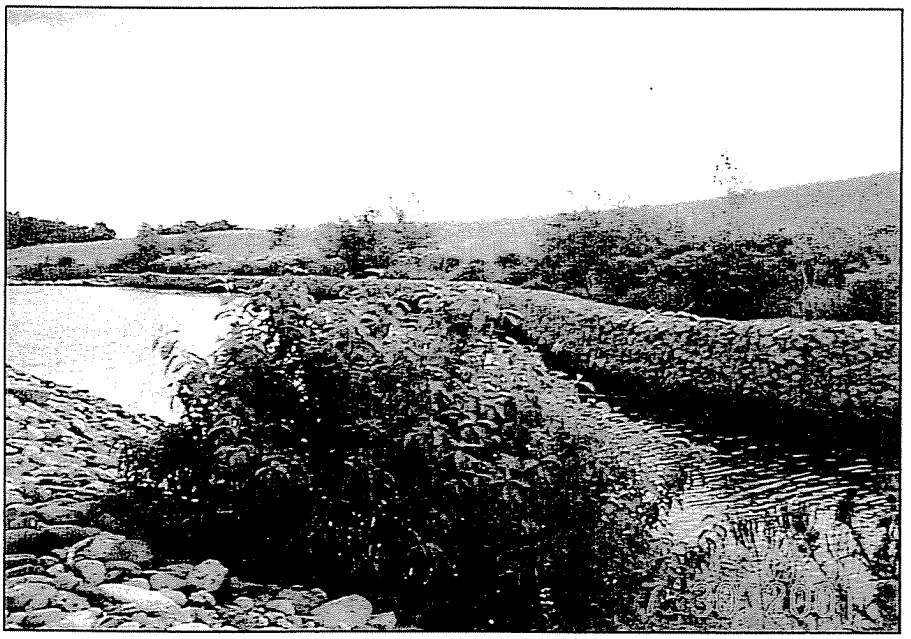


Figure 5.

Upland plant species on a barrier island.

Figure 6.

Submergent plant species in a trough.

Figure 7.

Tree growth in the upland area.

Figure 8.

Eastern cottonwood and speckled alder in the upland area.

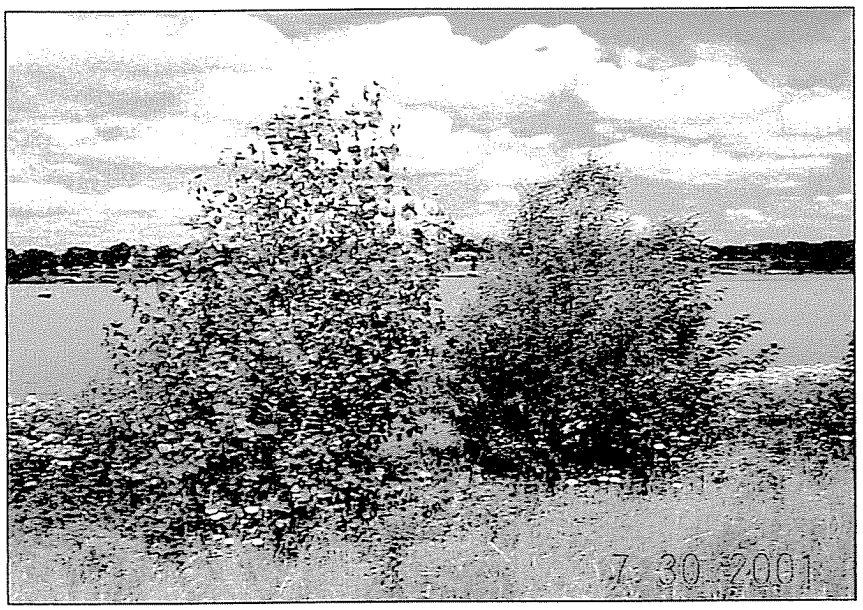


Figure 9.

Maturing willow shrub in the upland area.

Figure 10.

Black willow tree in the upland area.