

***Periodic Review Report
2009 Annual Report***

**CHERRY FARM/RIVER ROAD SITE
4100 River Road
Tonawanda, New York 14150
(NYSDEC Site No. 9-15-063 and NYSDEC Site No. 9-15-031)**

SUBMITTED TO:



**NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION**

SUBMITTED BY:

**CHERRY FARM/RIVER ROAD SITE
Potentially Responsible Parties**

PREPARED BY:



158 Sonwil Drive
Cheektowaga, New York 14225
(800) 287-7857 Fax: (716) 706-0078

May 2010

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EXECUTIVE SUMMARY

INTRODUCTION

This Periodic Review Report (PRR) and 2009 Annual Report for the Cherry Farm/River Road site summarizes the monitoring and maintenance activities conducted from January 1 through December 31, 2009. 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 monitor and maintain the integrity of the landfill, including offshore barrier islands and shoreline wetlands.

The following modifications were implemented as a result of the New York State Department of Environmental Conservation (NYSDEC) letter dated July 6, 2009. The letter was in response to the recommendations outlined in the 2008 Annual and Five Year Review Report submitted by GES in May 2009.

- 1) **The reduction of cap inspections from quarterly to semi-annually.** Routine inspections of the cap will be conducted on a monthly basis, in conjunction with the routine site visits, and formal inspections with the NYSDEC will be conducted on a semi-annual basis. Any minor deficiencies observed during the monthly inspections would be documented and discussed with the NYSDEC during formal inspections semi-annually.
- 2) **The reduction of conveyance pipeline flushing.** To alleviate the unnecessary system down-time and expense of conducting the flush, the conveyance pipeline will be cleaned dependent upon influent flow. In order to maintain optimal system operation, flow rates from the sumps will be monitored and a reduction in flow would predicate the need for flushing of the line. Pursuant to NYSDEC request, “as needed” will be defined as the following: if a total flow rate of five gallons per minute (gpm) or less is sustained for a period of one week or more, and all other system checks relating to the flow rate have been completed (muriatic acid flush of sumps, sump pump inspection/cleaning, and visual observation of interior influent piping), then the contractor will complete the flushing of the conveyance pipeline.
- 3) **Adjustment of the acidification set point from pH 2.0 to pH 2.5.** The NYSDEC indicated that details of the plant operation to achieve the Town of Tonawanda discharge limits are up to the owner and the Town requirements. The remedial system has been operating and discharging within Town requirements since the pH of system had been modified.

In the 2008 Annual and Five Year Review Report, GES recommended replacing the current acid/caustic remedial system with a granular activated carbon (GAC)/filter system only. While the NYSDEC approved of the recommendation, GES is in the process of coordinating a pilot field study to determine what the most effective pH is for maintaining discharge compliance with the Town of Tonawanda Wastewater Treatment Division.

PROGRAM METHODOLOGY

In accordance with the procedures outlined in the OM&M Manual, annual sampling of the collection trench sumps in the shallow aquifer and monitoring wells in the intermediate/deep aquifer, including RW-4 and RW-5 was completed in September 2009. The collection trench sump samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), TCL pesticides/polychlorinated biphenyls (PCBs), and target analyte list (TAL) metals and cyanide. The monitoring well samples in the intermediate/deep aquifer were analyzed for TCL VOCs, TCL SVOCs, and PCBs. Analytical results were compared to the Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, found in the NYSDEC Technical and Operational Guidance Series (1.1.1). Surface water was not present in any of the surface water sampling locations during the sampling event in 2009.

Water level monitoring was conducted quarterly on the monitoring wells, extraction wells, sumps, and observation wells. The water level data was used to construct a groundwater contour map and hydrographs to evaluate the hydraulic gradient.

Maintenance was performed on various components of the groundwater extraction and treatment systems throughout the year. The maintenance operations were performed either as part of scheduled preventive maintenance, or as necessary to maintain system compliance. In accordance with the Town of Tonawanda Industrial Sewer Connection Permit for the site, GES collected monthly and semi-annual treatment system samples for laboratory analyses. Monthly analyses include PCBs and oil & grease. Semi-annual analyses include biochemical oxygen demand (BOD), total suspended solids (TSS), total phosphorus, zinc and total petroleum hydrocarbons. Analytical results assist in determining if the treatment system is operating in accordance with design specifications. The data is compared to the Discharge Limitations and Monitoring Requirements outlined in the site specific discharge permit.

Quarterly cap/site inspections were completed during the reporting period. The cap and site are inspected for excessive debris, litter and waste; loss of vegetative cover; integrity of the drainage system; condition of access roads, gates, and fencing; integrity of groundwater monitoring and observation wells; and integrity of the cover system.

MONITORING SUMMARY

In the intermediate/deep groundwater samples, concentrations exceeding Class GA quality standards/guidance values were detected in wells MW-4, MW-5, and RW-5. When compared to the November 2008 sampling results, overall there were a fewer number of monitoring wells that had analyte detections, however a greater number of wells that had exceedances. The exceedance in MW-4 was the PCB Aroclor 1248. Historically, PCBs have never been identified in any monitoring well since groundwater sampling began in 1997. The PCB detection/exceedance in MW-4 will be monitored over the next two annual sampling events to determine if this was an anomalous result. The exceedances in MW-5 included the VOCs

benzene, toluene and total xylenes and SVOCs including 2,4-dimethylphenol, 2-methylphenol, 4-methylphenol, and naphthalene. In reviewing historical analytical data, the exceedance concentrations identified in 2009 for MW-5 are comparable to what has been identified in the past. Benzene slightly exceeded standards in well RW-5.

Concentrations exceeding Class GA quality standards/guidance values in the shallow groundwater samples were detected in S-1, S-2, S-3, and S-4. As observed in the past, the greatest number of concentrations exceeding groundwater quality standards occurred in S-1. In general, the number of VOC detections in S-1 through S-4 increased and the number of SVOC, pesticide, and PCB detections decreased from 2008. Exceedances in S-1 included SVOCs, pesticides, PCBs, and metals. Exceedances in S-2 and S-3 included SVOCs and metals; and exceedances in S-4 included VOCs, SVOCs, PCBs, and metals. In reviewing historical analytical data, exceedance concentrations increased in S-1 for pesticides and PCBs; in S-2 and S-3 for SVOCs; and in S-4 for PCBs.

Quarterly water level monitoring was completed in March, June, September, and December 2009. Water table elevations for the nine observation wells have consistently and historically been higher than the water elevation of the Niagara River. This indicates that shallow groundwater is flowing towards the Niagara River, which is then intercepted by the shallow groundwater trenches. In reviewing the hydrographs for the sumps, water table elevations have historically remained slightly above the water elevation of the Niagara River, indicating that hydraulic control is being maintained.

GES conducted quarterly cap inspections on March 4, May 8, September 9, and December 24, 2009. During the May 8, 2009 inspection, the NYSDEC noted woody growth along the river bank of the entire cap and requested the area be mowed more than once per year to control woody growth and stimulate cover growth. The river bank was mowed during the annual mowing of the caps in September 2009. This area will be monitored in 2010 for necessity of additional mowing. The NYSDEC also identified erosion in the drainage swale between the two caps and requested it be repaired with rip-rap stone. The additional rip-rap stone was added to the drainage swale in November 2009.

SYSTEM EFFECTIVENESS

The shallow collection trench system has been operating as designed. During system operation, the average flow rate for 2009 was approximately nine gpm, which is higher when compared to the 2007 and 2008 flow rates. No surface overflows were observed from the trench during the reporting period. Approximately 4,820,000 gallons of groundwater were treated and discharged to the Town of Tonawanda Wastewater Treatment Facility during 2009.

Monthly analytical discharge data for the reporting period indicates that the treatment system had been operating/discharging in accordance with the permit through November 2009. In December 2009, the treatment system effluent exceeded the permitted discharge limit for PCBs (<PQL). GES notified the Town of Tonawanda Wastewater Treatment Facility of the exceedance and agreed that in addition to troubleshooting system components, to determine a

plausible cause for the exceedance, bi-monthly sampling would be required until concentrations were compliant. As of January 29, 2010, PCB concentrations have decreased and are now within permitted discharge limits. Troubleshooting of the system components included cleaning of the acidification tank and clearwell tank, replacement of bag filters, and the decrease of flow from the clearwell tank to the carbon vessels (30 gpm to 15 gpm), increasing carbon adsorption time.

CONCLUSIONS

- Impacts from the site on groundwater quality in the intermediate/deep zone are relatively minor. When compared to the November 2008 sampling results, a greater number of wells (three in 2009 versus one in 2008) had concentrations exceeding groundwater quality standards/guidance values however there were a fewer number of monitoring wells that had analyte detections.
- Shallow groundwater samples collected from the sumps showed that there is a greater impact to the shallow groundwater quality than to the intermediate/deep zone. The greatest number of concentrations exceeding groundwater quality standards/guidance values occurred in S-1, however S-2, S-3, and S-4 had exceedances as well. The most notable impacts were an increase in concentration of SVOCs, pesticides, and PCBs in sump S-1 from 2008.
- There was no surface water present in any of the surface water sampling points at the time of the 2009 sampling event.
- The shallow collection trench system has operated as designed, with flow rates approximating those calculated during the design phase.
- Deficiencies were noted during the May 2009 cap/site inspection with the NYSDEC that included woody growth along the river bank of the entire cap and erosion in the drainage swale between the two caps. Mowing of the woody growth was completed in September 2009 and rip-rap was added to the drainage swale in November 2009.
- The groundwater treatment system discharge was out of compliance (in accordance with the discharge permit for the site) in December 2009. The necessary system component adjustments were made and as of January 29, 2010, the treatment system is operating/discharging within permitted limits.
- Periodic Review Reports will continue to be submitted on an annual basis.

SECTION 1 SITE OVERVIEW

1.1 SITE BACKGROUND

The Cherry Farm/River Road Site is located in a mixed industrial/commercial area of the Town of Tonawanda, New York (**Figure 1.1**). The River Road Site occupies approximately 23 acres, located along the Niagara River south of the Grand Island Bridge. The Cherry Farm Site is a 56-acre parcel located immediately north of the River Road Site. A site map depicting the two parcels is provided as **Figure 1.2**. The two sites were at one time a part of a larger property owned by Wickwire-Spencer Steel Company. Due to the common history, former common ownership, and similar remedial programs, it was considered appropriate by the New York State Department of Environmental Conservation (NYSDEC) and the Potentially Responsible Parties (PRPs) to combine the remedial program at the two sites.

The Cherry Farm and River Road Sites were used for the disposal of waste from steel manufacturing processes from approximately 1908 to 1963. From 1963 until approximately 1970, the area was operated as a landfill for disposal of industrial wastes from the facilities in the area. The waste disposed of included fly ash, bottom ash, slag, sludge, liquid boiler cleaning waste, concrete rubble, and miscellaneous waste fill.

The remedial measures implemented for the site were in accordance with the combined Record of Decision (NYSDEC, 1994). The remedial design for the combined properties included the following:

- Consolidation of wastes and installation of permeable and impermeable barriers over the wastes;
- Stabilization and habitat enhancements of the shoreline along the Niagara River, including installation of wooded and wetland areas;
- Removal and consolidation of contaminated sediments located within onsite drainage ditches;
- Installation of soil covers to support vegetation;
- Installation and operation of groundwater extraction wells (intermediate/deep zone) and groundwater collection trenches (shallow zone);
- Collection and disposal of light non-aqueous phase liquids (LNAPL) present in the groundwater on the River Road Site;
- Treatment of groundwater and subsequent discharge to the Town of Tonawanda Wastewater Treatment Facility; and

- Removal of river sediments impacted by the site and subsequent placement in an onsite sediment disposal area (SDA).

The remediation was substantially completed by December 1998, with follow up wetland plantings and final grading/seeding of the SDA in 1999.

1.2 GROUNDWATER EXTRACTION SYSTEM BACKGROUND

A groundwater extraction system, which began operating on August 18, 1997, was installed as part of the Site Remedial Action Plan. The extraction system consisted of eleven recovery wells used to pump groundwater from the intermediate/deep aquifer, and a groundwater extraction trench which collected shallow groundwater and any associated LNAPL. Groundwater collected from the recovery wells and extraction trench was treated onsite, and discharged to the Town of Tonawanda Wastewater Treatment Facility.

As part of the remedial construction, seven groundwater monitoring wells were installed in upgradient (MW-1 and MW-2) and downgradient (MW-3 through MW-7) locations (**Figure 1.2**). The upgradient monitoring wells were installed to provide representative samples of groundwater from areas expected to be outside the influence of the landfill. The downgradient wells were designed to detect releases from the landfill during the operation of the groundwater recovery system.

Nine observation wells (OW-1 through OW-9) were installed to monitor the hydraulic gradient of shallow groundwater and LNAPL in the vicinity of the shallow collection trench. The 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.

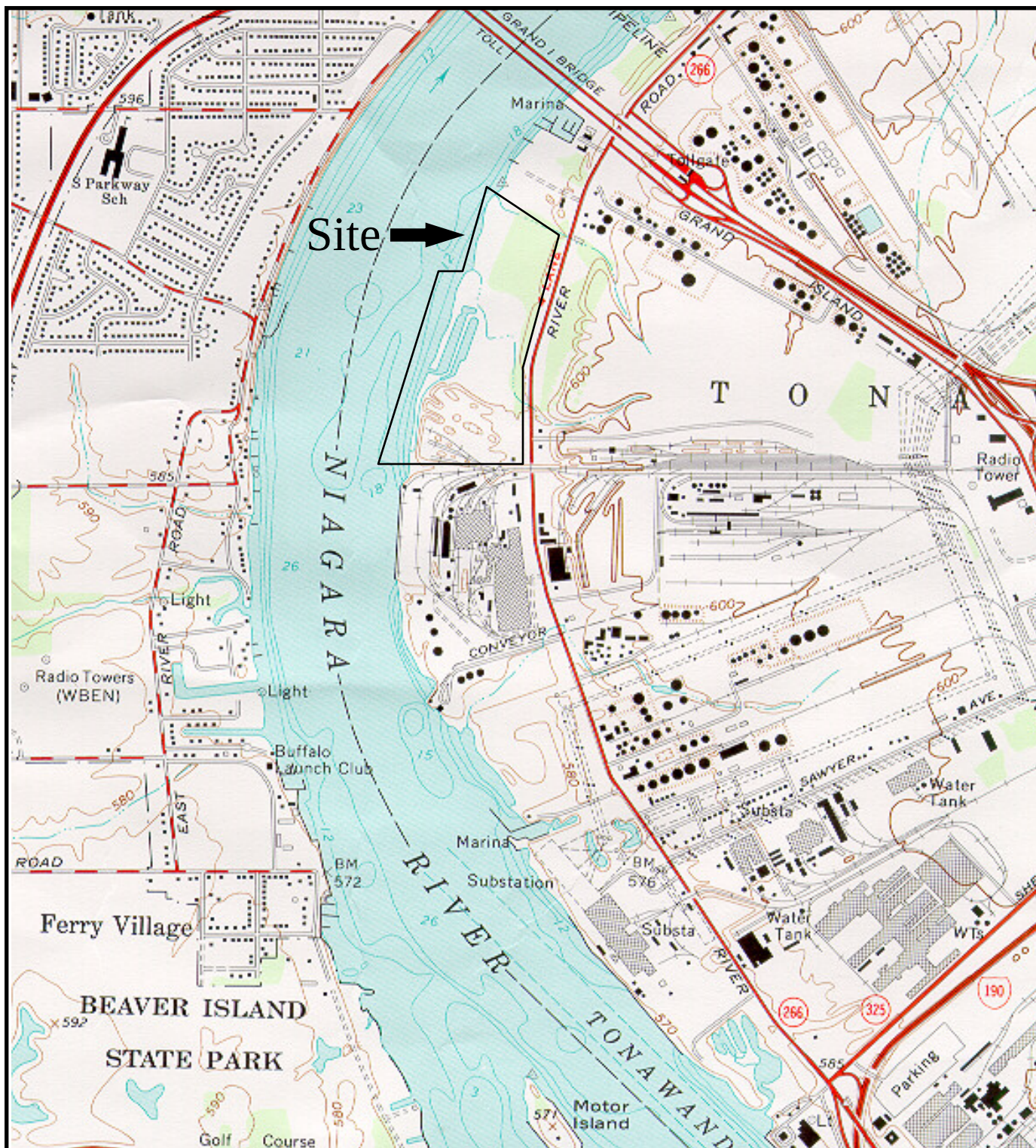
In October 2002, the intermediate/deep groundwater extraction system was turned off in order to complete a Groundwater Upwelling Study. The study was conducted by the former consultant, Parsons of Buffalo, New York, and was completed in December 2003. The study successfully quantified and characterized the chemical concentrations of the groundwater that are upwelling from the Site to the Niagara River. Based on the results, Parsons recommended discontinued operation of the intermediate/deep groundwater extraction system as it would not have an adverse impact on the quality of the groundwater upwelling to the Niagara River.

In November 2004, the NYSDEC approved the decommissioning of portions of the extraction system. This included the decommissioning of extraction wells RW-1, RW-2, RW-3, RW-6, RW-7, RW-8, RW-9, RW-10, and RW-11. This work was completed in July 2005. Extraction wells RW-4 and RW-5 were left in place as monitoring wells. The groundwater extraction trench is still operating and treated groundwater continues to be discharged to the Town of Tonawanda Wastewater Treatment Facility.

Presently, the environmental monitoring system for groundwater and surface water includes the following:

- The intermediate/deep groundwater monitoring wells located up-gradient and down-gradient, including RW-4 and RW-5. These wells were installed to assess groundwater quality and efficiency of the groundwater extraction system;
- Observation wells OW-1 through OW-9 to measure the hydraulic gradient of shallow groundwater, as it enters the shallow interceptor trenches;
- Sumps S-1 through S-4, located in the shallow trenches, to assess the shallow groundwater quality, and to collect LNAPL, if present; and
- Surface water sampling points SW-1 through SW-3 to assess surface water quality.

Sampling and analysis of groundwater from the upgradient and downgradient monitoring wells was performed quarterly for the first year of operation, reduced to semi-annually from 1998 through 2004 and to annually beginning in 2005.



NEW YORK



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

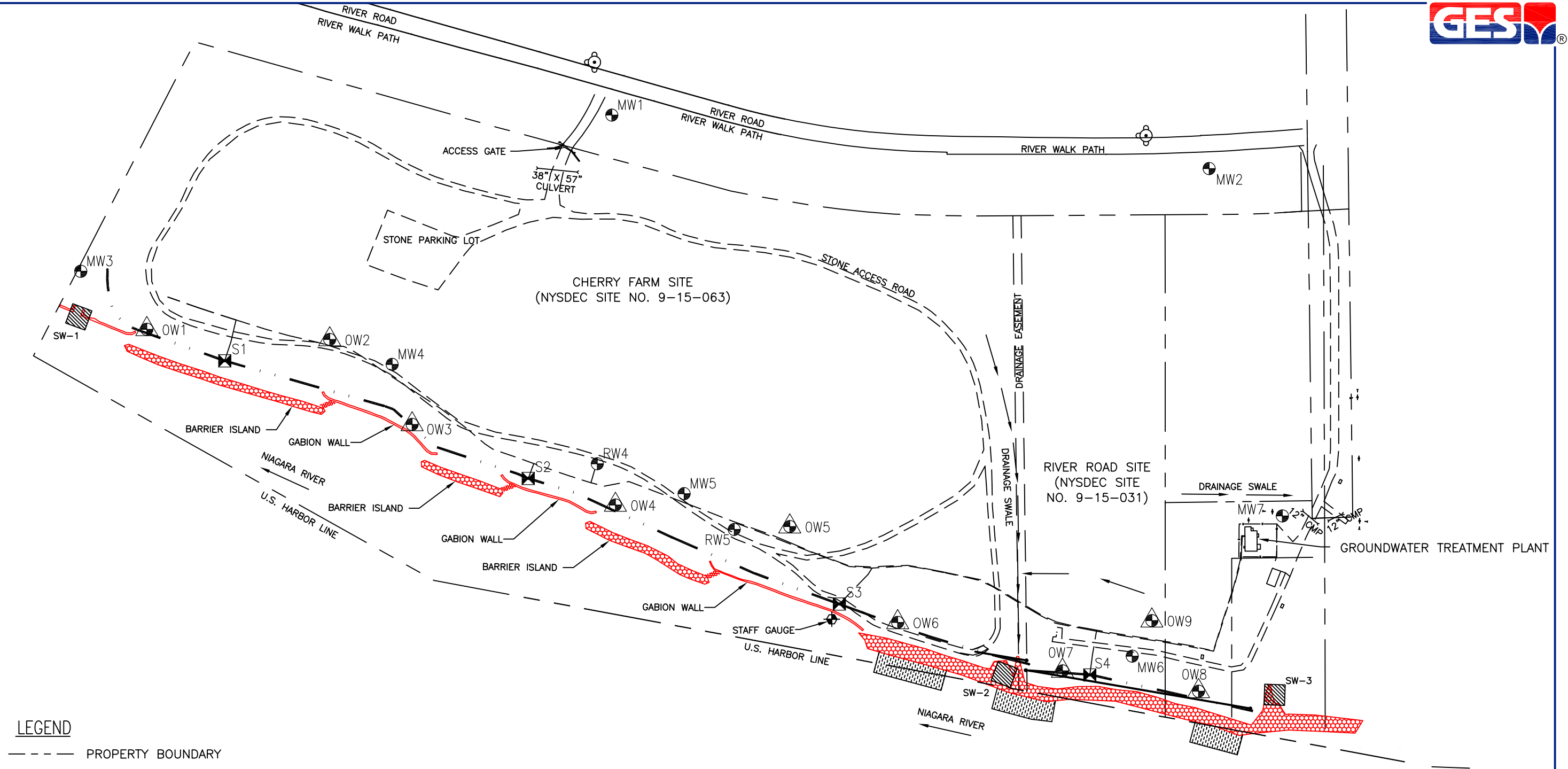
SOURCE: U.S.G.S. 7.5 SERIES BUFFALO NW, New York-Ont
(TOPOGRAPHIC), 1965

Figure 1.1

Cherry Farm/River Road Site PRP Group
Cherry Farm/River Road Site

SITE LOCATION MAP

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.
158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225-5514



- LEGEND**
- PROPERTY BOUNDARY
 - x - FENCE
 - ▣ TRENCH SUMP
 - ⊕ MONITORING WELL
 - ⊙ OBSERVATION WELL
 - . - SHALLOW GROUNDWATER TRENCH
 - - - GROUNDWATER CONVEYANCE PIPING

DRAFTED BY: W.G.S. (N.J.)	SITE MAP		
CHECKED BY:	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225		
NORTH 	SCALE IN FEET 0 APPROXIMATE 250	DATE 3/31/2010	FIGURE 1.2

SECTION 2 PROGRAM METHODOLOGY

2.1 INSTITUTIONAL AND ENGINEERING CONTROLS

The following is a list of institutional and engineering controls created for the site. The institutional and engineering controls have remained unchanged since their creation.

Cherry Farm	River Road
• Building Use Restriction • Land Use Restriction • Monitoring Plan • O&M Plan • Cover System • Fencing/Access Control • Leachate Collection • Pump & Treat	• Fencing/Access Control • Cover System • Groundwater Containmentment • Pump & Treat

The controls are put in place to ensure that the remediation goals are achieved and maintained throughout time. Each control is routinely monitored in accordance with procedures set forth in the operations, maintenance, and monitoring (OM&M) manual for the site. **Table 2.1 and Table 2.1a** provide brief descriptions of the controls for each site based on GES's understanding of the control, the monitoring program and frequency, and notation of any deficiencies/corrective measures for the reporting period. The completed Institutional and Engineering Controls Certification Form for each site are provided in **Appendix F**.

2.2 GROUNDWATER QUALITY MONITORING

Groundwater quality in the intermediate/deep zone was monitored at nine locations, including seven monitoring wells (MW-1 through MW-7) and two former recovery wells (RW-4 and RW-5). Four sumps located in the collection trenches were sampled to monitor shallow groundwater quality. The monitoring wells and sumps were sampled on September 8, 9, and 10, 2009.

All monitoring wells and sumps were sampled during the annual monitoring event. Sample results are summarized in **Section 3**. Complete results, including quality assurance/quality control (QA/QC) sample results, are provided in **Appendix A**. Analytical summaries of all monitoring performed from 1997 through 2009 are provided in **Appendix B**.

The monitoring wells and sumps were sampled in accordance with the September 2006 OM&M Manual. The collection trench sump samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), TCL pesticides/polychlorinated biphenyls (PCBs), and target analyte list (TAL) metals, and cyanide. The monitoring well samples in the intermediate/deep aquifer were analyzed for TCL VOCs, TCL SVOCs, and PCBs. Associated QA/QC samples were collected, including one field duplicate, one matrix spike, one matrix spike duplicate, and three trip blanks. The purge water and decontamination water was contained and treated in the onsite water treatment plant.

Following collection, the samples were packed in ice and shipped via same-day delivery to an approved laboratory in accordance with chain-of-custody procedures. Groundwater sample analyses were performed by TestAmerica, Inc. (TestAmerica) of Amherst, New York.

2.3 SURFACE WATER QUALITY MONITORING

There was no surface water in any of the surface water sampling points during the September 2009 sampling event.

2.4 WATER LEVEL MONITORING

Quarterly water level monitoring was completed in March, June, September, and December 2009. In addition to the water level measurements, the thickness of LNAPL, if present, was measured and recorded. An oil/water interface probe was used to measure levels, with an accuracy of approximately 0.01 feet. The database of water level measurements collected during the year is provided in **Table 2.2**. A historical water level database is provided in **Appendix B**.

Groundwater levels were measured at each of the following locations:

- Nine groundwater monitoring/former extraction wells (MW-1 through MW-7, RW-4, and RW-5);
- Nine observation wells (OW-1 through OW-9); and
- Four sumps (S-1 through S-4).

As water table elevations for observation well OW-2 have been relatively consistent since July 2005, the NYSDEC requested a review of well data for OW-2 in regards to comparison of installed depth versus measured depth and inspection of the well to determine if the well screen is plugged. Based on review of the quarterly gauging data sheets from 2008 and 2009, the total measured depth of OW-2 (approximately 19.4 feet below top of casing (ft btoc)) is relatively close to the total installed depth (approximately 19.7 ft btoc), however a plugged screen could prohibit fresh groundwater from entering or exiting the well. GES will conduct a pump test on the well in conjunction with the quarterly gauging in the second quarter of 2010. Should results

indicate that the well screen is compromised; GES will make the necessary repairs and provide details of the maintenance under separate cover.

2.5 CAP INSPECTION AND MAINTENANCE ACTIVITIES

During this reporting period, site inspections were conducted on March 4, May 8, September 9, and December 24, 2009. Any items requiring attention were addressed.

- During the March 4 site inspection, no damage to the fencing, access gates, signage, treatment building, or exterior lighting at the treatment building was observed. The monitoring, recovery, observation wells, and interceptor trench sumps were observed to be in good condition. An erosion channel was noted on the access road leading down to sump S-3 and also between sump S-3 and observation well OW-6 on the cap itself. These areas will be monitored for deterioration.
- During the May 8 site inspection, no damage to the fencing, access gates, signage, access roads, treatment building, or exterior lighting at the treatment building was observed. The monitoring, recovery, and observation wells and sumps were in good condition. The NYSDEC noted woody growth along the river bank of the entire cap and requested the area be mowed more than once per year to control woody growth and stimulate cover growth. The NYSDEC identified erosion in the drainage swale between the two caps and requested it be repaired with rip-rap stone.
- During the September 9 and December 24 site inspections, no damage to the fencing, access gates, signage, access roads, treatment building, or exterior lighting at the treatment building was observed. There were no problems noted with the vegetative cover, settlement, erosion, or drainage controls for the cap. The monitoring, recovery, and observation wells and sumps were in good condition. Annual mowing of the cap was completed in September 2009, which included the river bank area identified during the May 2009 cap inspection. The river bank area will be monitored in 2010 for necessity of additional mowing. The drainage swale erosion identified between the two caps during the May 2009 inspection was addressed in November 2009 with the addition of rip-rap stone.

As part of the maintenance activities, the wooded upland and wetland habitats were inspected routinely. In general, the constructed shoreline vegetation is continuing to grow and propagate, and wildlife usage of the created habitats is readily apparent.

2.6 GROUNDWATER TREATMENT SYSTEM OPERATION & MAINTENANCE

In accordance with the Town of Tonawanda Industrial Sewer Connection Permit for the site, GES collects monthly and semi-annual treatment system samples for laboratory analyses. Treatment system samples are collected from the oil/water separator (OWS), before carbon treatment (ML-1), between carbon vessels, and following final pH adjustment prior to discharge to the Town (ML-2). Monthly analyses include PCBs and oil & grease. Semi-annual analyses

include biochemical oxygen demand (BOD), total suspended solids (TSS), total phosphorus, zinc and total petroleum hydrocarbons. Treatment system analytical results for 2009 and a copy of the Industrial Sewer Connection Permit are provided in **Appendix D**.

Maintenance was performed on various components of the groundwater treatment system throughout the year. The maintenance operations were either scheduled preventive maintenance, or as necessary to maintain system compliance. Significant non-routine maintenance operations performed between January 1 and December 31, 2009 are provided in **Table 2.3**.

2.7 WASTE

On April 29, 2009, three 55-gallon drums containing PPE and miscellaneous debris and one 55-gallon drum containing sludge (approximately 15 gallons) were collected for disposal by Clean Harbors Environmental Services, Inc. of East Syracuse, New York and transported to the Clean Harbors Deer Park LP disposal facility in La Porte, Texas. A copy of the hazardous waste manifest is provided in **Appendix E**.

Table 2.1
Institutional and Engineering Controls Summary

Controls for Cherry Farm	Description	Monitoring Program	Monitoring Frequency	Deficiencies	Corrective Measures
Building Use Restriction	Restrictions on building construction/use to prevent activities that would intrude into wastes or otherwise diminish the effectiveness of the cap/remedy.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	None Noted	NA
Land Use Restriction	Restrictions on land use to prevent activities that would intrude into wastes or otherwise diminish the effectiveness of the remedy.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	None Noted	NA
Monitoring Plan	A long-term monitoring program was instituted since hazardous waste remains untreated on site. The program monitors the effectiveness of the remedy and allows for evaluation of the need for continued groundwater containment and treatment.	Water level measurements of groundwater monitoring wells, observation wells, sumps, and the Niagara River. Shallow and deep groundwater sampling of groundwater monitoring wells, sumps, and surface water.	Quarterly water level measurements and annual groundwater sampling.	None Noted	NA
O&M Plan	The O&M program includes post-remedial construction activities that will be conducted to ensure the effectiveness of the groundwater treatment system and surface water management program. The program describes groundwater and surface water monitoring, cover and drainage system inspections, reporting requirements and emergency response procedures. It also includes standard operating procedures for operation of the groundwater extraction and treatment system.	Monitored during routine site visits.	O&M Plan and SOPs are reviewed/updated annually.	None Noted	NA
Cover System	A clay cap, approximately six inches thick, had been installed in the 1970's by NMPC when they purchased the site. A variance was granted for the use of a permeable cover in the Amended ROD, dated 1993. This included the installation of a barrier layer over the site to prevent intrusion into wastes by people or wildlife; and the installation of a soil cover to further separate potentially exposed people and wildlife and to serve as a vegetative support layer.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	During the May 8, 2009 inspection, the NYSDEC noted woody growth along the river bank of the entire cap and requested the area be mowed more than once per year to control woody growth and stimulate cover growth. The NYSDEC also identified erosion in the drainage swale between the two caps and requested it be repaired with rip-rap stone.	The river bank was mowed during the annual mowing of the caps in September 2009. This area will be monitored in 2010 for necessity of additional mowing. The additional rip-rap stone was added to the drainage swale in November 2009.

Table 2.1
Institutional and Engineering Controls Summary

Controls for Cherry Farm	Description	Monitoring Program	Monitoring Frequency	Deficiencies	Corrective Measures
Fencing/Access Control	To maintain integrity of the cover system, access to the site will be restricted by maintaining a locked gate at the site entrance. As stated in the Amended ROD, dated 1993, fencing would not be installed around the site as part of the remedy.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	None Noted	NA
Leachate Collection	Leachate collection to be accomplished by a combination of an interceptor trench and a series of extraction wells to control the migration of groundwater across the site preventing the discharge of contaminated water to the Niagara River.	Monitored by routine gauging of observation wells and routine gauging and sampling of monitoring wells and sumps.	Quarterly gauging and Annual sampling	None Noted	NA
Pump & Treat	The on-site treatment of contaminated groundwater, collected via interceptor trench and extraction wells, and discharged to local publicly owned treatment works. Groundwater extraction and treatment would be required indefinitely.	Monitored during routine site visits and with the collection and analyses of treatment system discharge samples. Sampling is completed in accordance with the site specific discharge permit.	Weekly and Monthly	In December 2009, the treatment system effluent exceeded the permitted discharge limit for PCBs (<PQL).	GES notified the Town of Tonawanda Wastewater Treatment Facility of the exceedance and agreed that in addition to troubleshooting system components, to determine a plausible cause for the exceedance, bi-monthly sampling would be required until concentrations were compliant. As of January 29, 2010, PCB concentrations have decreased and are now within permitted discharge limits. Troubleshooting of the system components included cleaning of the acidification tank and clearwell tank, replacement of bag filters, and the decrease of flow from the clearwell tank to the carbon vessels (30 gpm to 15 gpm), increasing carbon adsorption time.

Table 2.1a
Institutional and Engineering Controls Summary

Controls for River Road	Description	Monitoring Program	Monitoring Frequency	Deficiencies	Corrective Measures
Fencing/Access Control	Partial fence to control site access. Chain link fence is located along the eastern property boundary and is restricted by a locked gate at the site entrance.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	None Noted	NA
Cover System	The site is covered by a partly permeable and partly low permeability cover. The low permeability cover is located over the LNAPL plume, which is located along in the western portion of the site, between the southern property boundary and the Cherry Farm cap. The purpose of the caps is to minimize penetration by burrowing animals and provide adequate protection against erosion.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	During the May 8, 2009 inspection, the NYSDEC noted woody growth along the river bank of the entire cap and requested the area be mowed more than once per year to control woody growth and stimulate cover growth. The NYSDEC also identified erosion in the drainage swale between the two caps and requested it be repaired with rip-rap stone.	The river bank was mowed during the annual mowing of the caps in September 2009. This area will be monitored in 2010 for necessity of additional mowing. The additional rip-rap stone was added to the drainage swale in November 2009.
Groundwater Containment	Groundwater containment is accomplished by a combination of an interceptor trench and a series of extraction wells to control the migration of groundwater across the site preventing the discharge of contaminated water to the Niagara River.	Monitored by routine gauging of observation wells and routine gauging and sampling of monitoring wells and sumps.	Quarterly gauging and Annual sampling	None Noted	NA
Pump & Treat	The on-site treatment of contaminated groundwater, collected via interceptor trench and extraction wells, and discharged to local publicly owned treatment works. Groundwater extraction and treatment would be required indefinitely.	Monitored during routine site visits and with the collection and analyses of treatment system discharge samples. Sampling is completed in accordance with the site specific discharge permit.	Weekly and Monthly	In December 2009, the treatment system effluent exceeded the permitted discharge limit for PCBs (<PQL).	GES notified the Town of Tonawanda Wastewater Treatment Facility of the exceedance and agreed that in addition to troubleshooting system components, to determine a plausible cause for the exceedance, bi-monthly sampling would be required until concentrations were compliant. As of January 29, 2010, PCB concentrations have decreased and are now within permitted discharge limits. Troubleshooting of the system components included cleaning of the acidification tank and clearwell tank, replacement of bag filters, and the decrease of flow from the clearwell tank to the carbon vessels (30 gpm to 15 gpm), increasing carbon adsorption time.

Table 2.2
2009 Water Level Summary

WELL NAME	WELL SIZE	3/4/2009 DTW (BTOC)	6/19/2009 DTW (BTOC)	9/9/2009 DTW (BTOC)	12/24/2009 DTW (BTOC)
MW-1	2"	12.04	11.75	11.94	12.44
MW-2	2"	13.72	13.35	13.58	14.21
MW-3	2"	6.29	5.82	6.39	6.70
MW-4	2"	18.44	18.10	18.32	18.96
MW-5	2"	19.27	18.80	19.01	19.81
MW-6	2"	21.06	20.65	20.63	21.59
MW-7	2"	20.93	20.80	21.01	21.18
OW-1	1 1/2"	8.89	8.50	8.82	9.31
OW-2	1 1/2"	15.36	15.10	15.16	15.15
OW-3	1 1/2"	9.49	9.75	9.79	9.38
OW-4	1 1/2"	6.57	6.52	6.66	6.69
OW-5	1 1/2"	16.52	15.98	16.09	16.12
OW-6	1 1/2"	4.99	5.27	5.46	5.11
OW-7	1 1/2"	7.66	7.95	8.24	7.76
OW-8	1 1/2"	5.41	5.61	5.71	5.86
OW-9	1 1/2"	20.22	20.88	20.76	21.61
RW-4	8"	16.77	16.28	16.49	17.51
RW-5	8"	17.02	16.61	16.80	NM
S-1	vault	5.14	5.75	7.94	4.98
S-2	vault	4.82	5.02	5.21	4.75
S-3	vault	4.70	4.82	5.21	4.72
S-4	vault	4.95	5.40	5.71	5.06
SG	NA	3.4	4.3	4.1	3.1

Notes:

BTOC = below top of casing

NM = not measured

RW-5 was not gauged on 12/24/2009 as the lock on the protective casing was broken making the well inaccessible.

Table 2.3
Cherry Farm/River Road OM&M
Non-routine Maintenance Summary

Date	Non-routine Maintenance Item
January 2009	Replaced the caustic pump pH controller.
February 2009	Replacement of v-belt for ventilation system. Trouble shoot pH balance of treatment system.
April 2009	Hazardous waste pick-up was completed.
June 2009	Replaced pH probes in equalization tank. A complete carbon change out was performed.
September 2009	Pumps in Sump 1 through Sump 4 were removed and cleaned. Trouble shoot low sump flow coming into the plant. Identified scaling/build-up in the influent piping and flowmeter. Piping from flowmeter to acidification tank was replaced.
October 2009	Subcontractor replaced pump for boiler.
November 2009	Subcontractor added rip-rap to drainage swale between caps. Subcontractor upgraded the alarm system with a remote Skymetry system. Subcontractor repaired backflow prevention device and added new insulation and heater to hot box.
December 2009	Trouble shoot low sump flow coming into the plant. Identified scaling/build-up in the influent piping and flowmeter. Piping from flowmeter to acidification tank was replaced. Sample of scale/build-up was collected and submitted for laboratory analyses.

SECTION 3 MONITORING SUMMARY

3.1 GROUNDWATER QUALITY

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 nine groundwater monitoring wells (MW-1 through MW-7, RW-4, and RW-5) and four sumps (S-1 through S-4).

The 2009 intermediate/deep groundwater and the shallow groundwater analytical data are summarized in **Table 3.1** and **Table 3.2**. Groundwater sample results were compared to the Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations found in the NYSDEC Technical and Operational Guidance Series (1.1.1). The complete laboratory report for the current reporting period is provided in **Appendix A**. Historically detected compounds for all samples collected to date are summarized in **Appendix B**, and is arranged by sampling location to facilitate comparison of concentrations at each sampling point over time. Copies of the groundwater sampling logs are provided in **Appendix C**.

In general, impacts from the site on groundwater quality in the intermediate/deep zone were relatively consistent with historical detections/exceedances. When compared to the November 2008 sampling results, overall there were a fewer number of monitoring wells that had analyte detections, however a greater number of wells that had exceedances. The most notable impacts were observed in MW-5 and only minor impacts were observed in MW-4 and RW-5.

Concentrations exceeding groundwater quality standards in the shallow groundwater samples were detected in S-1, S-2, S-3, and S-4. As observed in the past, the greatest number of concentrations exceeding groundwater quality standards occurred in S-1. The number of VOC detections in S-1 through S-4 increased and the number of SVOC, pesticide, and PCB detections decreased from 2008. In reviewing historical analytical data, exceedance concentrations increased in S-1 for pesticides and PCBs; in S-2 and S-3 for SVOCs; and in S-4 for PCBs.

3.1.1 Intermediate/Deep Groundwater Quality

During the September 2009 sampling event, exceedances of the Class GA groundwater quality standards/guidance values were identified in monitoring wells MW-4, MW-5, and RW-5. Groundwater analytical data from the September 2009 groundwater sampling event is included in **Appendix A**. Detected compounds are provided in **Table 3.1**. Metals and pesticides were not analyzed in accordance with the OM&M Manual.

Three VOCs (benzene, toluene, and total xylenes) in MW-5 and one VOC (benzene) in RW-5 were detected above groundwater standards.

Four SVOCs (2,4-dimethylphenol, 2-methylphenol, 4-methylphenol, and naphthalene) were detected above groundwater quality standards/guidance values and were only detected in samples collected from MW-5. Compounds 2-methylphenol and 4-methylphenol were detected at low, estimated concentrations.

The exceedance in MW-4 was the PCB concentration of Aroclor 1248. Historically, PCBs have never been identified in any monitoring well since groundwater sampling began in 1997. The PCB detection/exceedance in MW-4 will be monitored over the next two annual sampling events in order to determine if this was an anomalous result.

3.1.2 Shallow Groundwater Quality

During the September 2009 sampling event, exceedances of the Class GA groundwater quality standards/guidance values were identified in sumps S-1, S-2, S-3, and S-4.

Analytical results indicate that only a single VOC (total xylenes at 9.7 µg/L in S-4) was detected above groundwater standards. Several SVOCs, primarily PAHs, (benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)- phthalate, chrysene, and pyrene) pesticides (4,4'-DDE, dieldrin, endrin aldehyde, and gamma-BHC (Lindane)), PCBs (Aroclor 1280 and 1260), and metals (antimony, iron, and sodium) were detected above groundwater standards/guidance values in sump S-1. Sumps S-2, S-3, and S-4 had the same SVOC exceedances including 2,4-dimethylphenol, 2-methylphenol, and 4-methylphenol. Sump S-4 had a single PCB (Aroclor 1242 at 3.5 µg/L) that was detected above groundwater standards. Sumps S-2, S-3, and S-4 had only a single metal (sodium) detected above groundwater standards.

No sheen was observed in any of the sumps during the September 2009 sampling event. The last noted measurable LNAPL was identified in August 2004, when 1/8-inch of LNAPL was recorded in sumps S-1 and S-3.

3.1.3 Surface Water Quality

Surface water was not present at sampling location SW-1, SW-2 or SW-3 during the September 2009 sampling event. A summary of historically detected compounds in surface water is provided in **Appendix B**.

3.1.4 Intermediate/Deep Groundwater Flow

An intermediate/deep zone groundwater contour map was developed based on the December 2009 water level data (**Figure 3.1**). As has been consistently observed, the flow direction is primarily westerly, towards the Niagara River.

Hydrographs for the intermediate/deep monitoring wells, representing the past five years, are provided in **Figure 3.2a** through **Figure 3.2d** and the 2009 water level data is provided in

Table 2.2. Historical water level data and hydrographs for the monitoring wells are provided in **Appendix B**.

3.2 EFFECTIVENESS OF THE SHALLOW COLLECTION TRENCH

3.2.1 System Description

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

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 SDA.

3.2.2 System Effectiveness

The shallow collection trench system is operating as planned. The flow rate over the year averaged nine gpm, which is higher when compared to the 2007 and 2008 flow rates. The total flow was approximately 4,820,000 gallons for 2009. 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.

Hydrographs for the sumps and shallow observation wells, representing the past five years, are provided in **Figures 3.3a, 3.3b, and 3.3c**, and the 2009 water level data is provided in **Table 2.2**. Historical water level data and hydrographs for the sumps and observation wells are provided in **Appendix B**. The water levels in the observation wells responded similarly to fluctuations in water levels from precipitation and seasonal variations. Water levels in OW-2, OW-5, and OW-9 were higher than the sump levels and the observation wells adjacent to the trench due to their higher elevations. Water table elevations for the nine observation wells have consistently and historically been higher than the water elevation of the Niagara River. This indicates that shallow groundwater is flowing towards the Niagara River, which is then intercepted by the shallow groundwater trenches. In reviewing the hydrographs for the sumps, water table elevations have historically remained slightly above the water elevation of the Niagara River, indicating that hydraulic control is being maintained.

Monthly analytical discharge data for the reporting period indicates that the treatment system had been operating/discharging in accordance with the permit through November 2009. In December 2009, the treatment system effluent exceeded the permitted discharge limit for

PCBs (<PQL). GES notified the Town of Tonawanda Wastewater Treatment Facility of the exceedance and agreed that in addition to troubleshooting system components, to determine a plausible cause for the exceedance, bi-monthly sampling would be required until concentrations were compliant. As of January 29, 2010, PCB concentrations have decreased and are now within permitted discharge limits. Troubleshooting of the system components included cleaning of the acidification tank and clearwell tank, replacement of bag filters, and the decrease of flow from the clearwell tank to the carbon vessels (30 gpm to 15 gpm), increasing carbon adsorption time.

3.2.3 Proposed Remedial System Modifications

Acidification Set Point

The flow from sumps S-1 through S-4 is treated for the removal of emulsified oil/PCBs by lowering the pH in the acidification tank using 93% sulfuric acid. Currently, the treatment system acidification set point is a pH of 2.5. In the 2008 Annual and Five Year Review Report, GES recommended replacing the current acid/caustic remedial system with a granular activated carbon (GAC)/filter system only. Following further review of historical system data, specifically the pH of groundwater entering the plant, GES recognizes that acid treatment will be necessary to lower the pH of the groundwater. Acid treatment is necessary in order to discharge treated groundwater to the Town of Tonawanda Wastewater Treatment Facility, as average influent pH is above the requirements of the discharge permit.

While the NYSDEC approved of the recommendation to replace the current system with a GAC/filter system only, GES is in the process of coordinating a pilot field study to determine what the most effective pH is for maintaining discharge compliance with the Town of Tonawanda Wastewater Treatment Division. With favorable results, a measureable chemical usage savings can be achieved for both acid and caustic consumption while maintaining optimal system performance. A report detailing pilot test logistics will be provided under separate cover for reference.

Table 3.1
Detected Compound Summary
Monitoring Well Samples

Cherry Farm Groundwater Analytical Data Year 2009 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 RSI0359-01 11.94 BM RSI0296 WATER 9/10/2009	MW-3 RSI0359-04 6.39 BM RSI0296 WATER 9/10/2009	MW-4 RSI0359-03 18.32 BM RSI0296 WATER 9/10/2009	MW-5 RSI0359-02 19.01 BM RSI0296 WATER 9/10/2009	RW-5 RSI0296-05 16.8 BM RSI0296 WATER 9/8/2009	Field Blank RSI0296-06 NA BM RSI0296 WATER 9/8/2009
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
67-64-1	Acetone	50 (G)	µg/L	5 U	20 U	5 U	25 U	2.8 J	3.7 J
71-43-2	Benzene	1	µg/L	1 U	4 U	1 U	76	1.8	1 U
100-41-4	Ethylbenzene	5	µg/L	1 U	4 U	1 U	4.4 J	1 U	1 U
108-88-3	Toluene	5	µg/L	1 U	4 U	1 U	5.6	1 U	1 U
	Total Xylenes	5	µg/L	2 U	8 U	2 U	16	2 U	2 U
	SEMIVOLATILES								
105-67-9	2,4-Dimethylphenol	1	µg/L	5 U	5.6 U	5.2 U	6	4.8 U	5 U
95-48-7	2-Methylphenol	1	µg/L	5 U	5.6 U	5.2 U	1.4 J	4.8 U	5 U
106-44-5	4-Methylphenol	1	µg/L	10 U	11 U	10 U	1.6 J	9.6 U	9.9 U
84-74-2	Di-n-butyl phthalate	NS	µg/L	0.49 J	0.39 J	0.79 J	0.72 J	4.8 U	5 U
91-20-3	Naphthalene	10 (G)	µg/L	5 U	5.6 U	5.2 U	23	4.8 U	5 U
	PCBs								
12674-11-2	Aroclor 1248	0.09	µg/L	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.

Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.

NS = No Standard

(G) = Guidance Value

U = Indicates compound was analyzed for, but not detected at or above the reporting limit.

B = The analyte was found in the associated method blank as well as in the sample.

J = Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentration is estimated.

Table 3.2
Detected Compound Summary
Sump Samples

Cherry Farm Groundwater Analytical Data Year 2009 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	S-1 RSI0312-01 BM RSI0296 WATER 9/9/2009	S-2 RSI0312-02 BM RSI0296 WATER 9/9/2009	S-3 RSI0312-03 BM RSI0296 WATER 9/9/2009	S-4 RSI0312-04 BM RSI0296 WATER 9/9/2009	Field Blank RSI0296-06 BM RSI0296 WATER 9/8/2009
CAS NO.	COMPOUND		UNITS:					
VOLATILES								
75-34-3	1,1-Dichloroethane	5	µg/L	0.5 J	2.2	1.5	1.3	1 U
	1,2-Dichloroethene, Total	NS	µg/L	4.8	2 U	2 U	1.9 J	2 U
67-64-1	Acetone	50 (G)	µg/L	5.5	5 U	2.1 J	5 U	3.7 J
71-43-2	Benzene	1	µg/L	1 U	0.49 J	1 U	0.87 J	1 U
100-41-4	Ethylbenzene	5	µg/L	1 U	1 U	1 U	1.5	1 U
127-18-4	Tetrachloroethene	5	µg/L	1 U	1 U	1 U	0.72 J	1 U
108-88-3	Toluene	5	µg/L	1 U	0.68 J	1 U	1.4	1 U
79-01-6	Trichloroethene	5	µg/L	0.66 J	1 U	1 U	0.7 J	1 U
75-01-4	Vinyl Chloride	2	µg/L	0.59 J	1 U	1 U	1 U	1 U
	Total Xylenes	5	µg/L	2 U	1.8 J	1 J	9.7	2 U
SEMIVOLATILES								
105-67-9	2,4-Dimethylphenol	1	µg/L	110 U	15	11	21	5 U
91-57-6	2-Methylnaphthalene	NS	µg/L	110 U	5 U	4.9 U	1.5 J	5 U
95-48-7	2-Methylphenol	1	µg/L	110 U	4.6 J	3.5 J	7.4	5 U
106-44-5	4-Methylphenol	1	µg/L	220 U	10	7.4 J	11	9.9 U
	Benzo(a)anthracene	NS	µg/L	32 J	5 U	4.9 U	4.9 U	5 U
50-32-8	Benzo(a)pyrene	ND	µg/L	37 J	5 U	4.9 U	4.9 U	5 U
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	47 J	5 U	4.9 U	4.9 U	5 U
207-08-9	Benzo(k)fluoranthene	0.002 (G)	µg/L	26 J	5 U	4.9 U	4.9 U	5 U
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	110	5 U	4.9 U	4.9 U	5 U
87-74-8	Carbazole	NS	µg/L	110 U	5 U	4.9 U	1.3 J	5 U
218-01-9	Chrysene	0.002 (G)	µg/L	27 J	5 U	4.9 U	4.9 U	5 U
206-44-0	Fluoranthene	50 (G)	µg/L	45 J	5 U	4.9 U	4.9 U	5 U
86-73-7	Fluorene	50 (G)	µg/L	110 U	5 U	4.9 U	4.9 U	5 U
91-20-3	Naphthalene	10 (G)	µg/L	110 U	2.2 J	1.2 J	4.3 J	5 U
129-00-0	Pyrene	50 (G)	µg/L	90 J	5 U	4.9 U	4.9 U	5 U
PESTICIDES								
72-55-9	4,4'-DDE	0.2	µg/L	4.8 J	0.024 J	0.05 U	0.021 J	0.049 U
50-29-3	4,4'-DDT	0.2	µg/L	6.1 U	0.052 U	0.028 J	0.051 U	0.049 U
60-57-1	Dieldrin	0.004	µg/L	6.7	0.052 U	0.05 U	0.051 U	0.049 U
7421-93-4	Endrin aldehyde	5	µg/L	5.9 J	0.052 U	0.05 U	0.051 U	0.049 U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	3.2 J	0.052 U	0.026 J	0.041 J	0.049 U
57-74-9	gamma-Chlordane	0.05	µg/L	6.1 U	0.052 U	0.05 U	0.012 J	0.049 U
76-44-8	Heptachlor	0.04	µg/L	6.1 U	0.052 U	0.016 J	0.051 U	0.049 U
PCBs								
12672-29-6	Aroclor 1242	0.09	µg/L	30 U	0.52 U	0.5 U	3.5	0.49 U
12674-11-2	Aroclor 1248	0.09	µg/L	290	0.52 U	0.5 U	0.51 U	0.49 U
11096-82-5	Aroclor 1260	0.09	µg/L	210	0.52 U	0.5 U	0.51 U	0.49 U
	Total PCBs	0.09	µg/L	500	0.52 U	0.5 U	3.5	0.49 U
INORGANICS								
	Aluminum	NS	µg/L	357 B	159 J,B	309 B	316 B	200 U
	Antimony	3	µg/L	7.8 J	2 U	20 U	20 U	20 U
	Arsenic	25	µg/L	11.3	10 U	10 U	9.4 J	10 U
	Barium	1,000	µg/L	69	35.5	27.8	19.3	8.6
	Calcium	NS	µg/L	36,000 B	74,400 B	59,100 B	121,000 B	6,300 B
	Chromium	50	µg/L	10.7	0.9 J	4 U	1.2 J	4 U
	Cobalt	NS	µg/L	0.7 J	4 U	4 U	4 U	4 U
	Copper	200	µg/L	17.3	2.8 J	10 U	17.6	2.8 J
	Iron	300	µg/L	1,790	78	26 J	370	50 U
	Lead	25	µg/L	5	5 U	5 U	5 U	5 U
	Magnesium	35000 (G)	µg/L	5,230	200 U	56 J	1,010	853
	Manganese	300	µg/L	222	0.6 J	1 J	66.4	1.1 J
	Nickel	100	µg/L	5.9 J	1.8 J	2.6 J	4.5 J	1.4 J
	Potassium	NS	µg/L	28,400	39,700	41,000	50,800	289
	Sodium	20000	µg/L	61,400	56,700	58,500	50,500	1,100
	Vanadium	NS	µg/L	5.1	13.3	15.6	4.6 J	5 U
	Zinc	2000 (G)	µg/L	36.9	2.8 J	33.3	250	2.2 J
	Cyanide	200	µg/L	10 U	10 U	46.5	6.3 J	10 U

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.

Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.

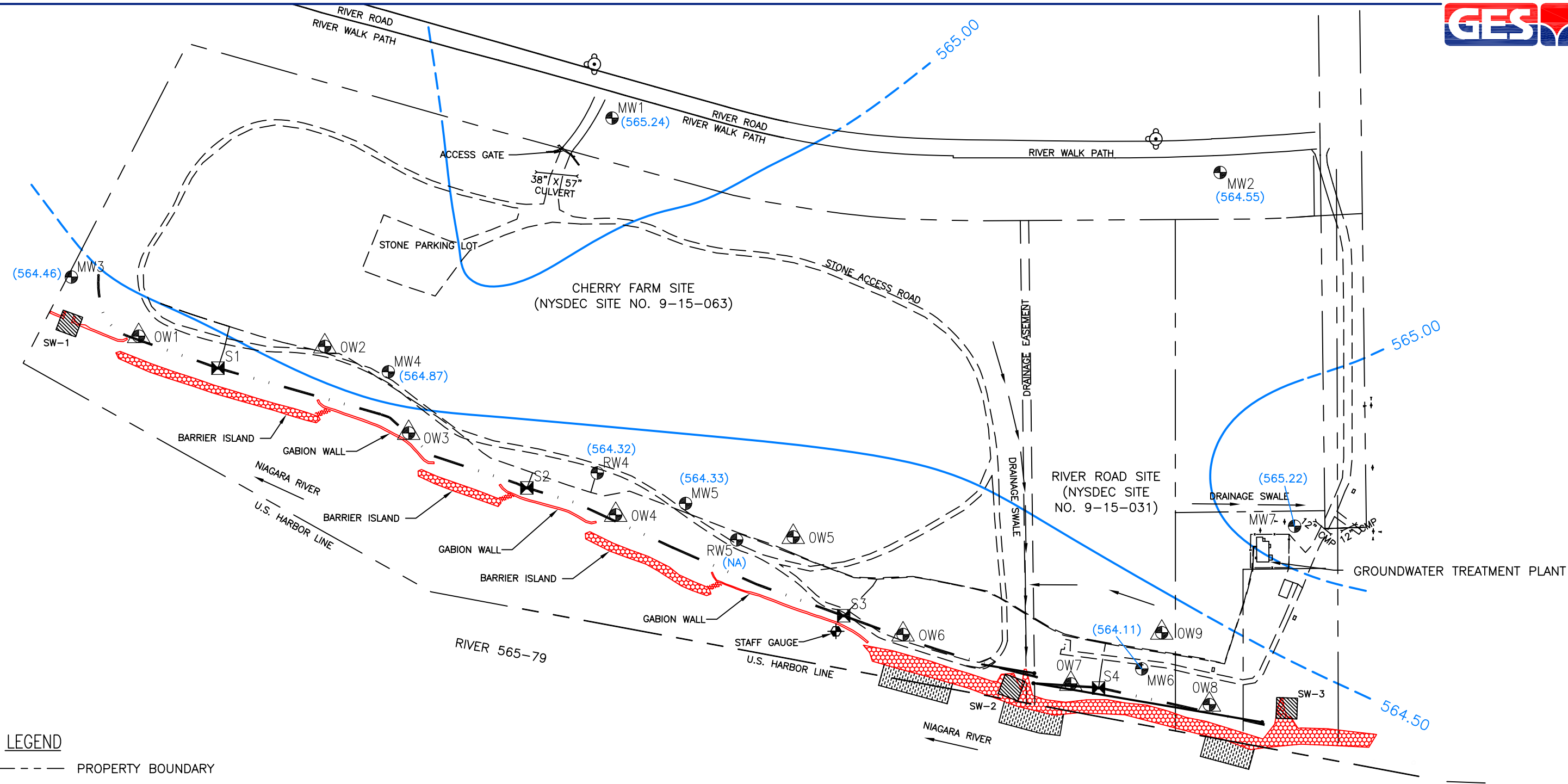
NS = No Standard

(G) = Guidance Value

U = Indicates compound was analyzed for, but not detected at or above the reporting limit.

B = The analyte was found in the associated method blank as well as in the sample.

J = Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentration is estimated.



LEGEND

- PROPERTY BOUNDARY
- x - FENCE
- ▣ TRENCH SUMP
- ⊕ MONITORING WELL
- ⊙ OBSERVATION WELL
- . - SHALLOW GROUNDWATER TRENCH
- - - GROUNDWATER CONVEYANCE PIPING
- (565.24) GROUNDWATER ELEVATION (feet)
- ~ GROUNDWATER CONTOUR (feet)
- NA NOT ANALYZED

DRAFTED BY: B.C.S. (N.J.)	INTERMEDIATE/DEEP GROUNDWATER ELEVATION CONTOUR MAP DECEMBER 24, 2009		
CHECKED BY:	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225		
NORTH 	SCALE IN FEET 	DATE 1-19-10	FIGURE 3.1
	0 APPROXIMATE 250		

Figure 3.2a
Cherry Farm/River Road Site
Monitoring Well Hydrograph (MW-1,2,3)

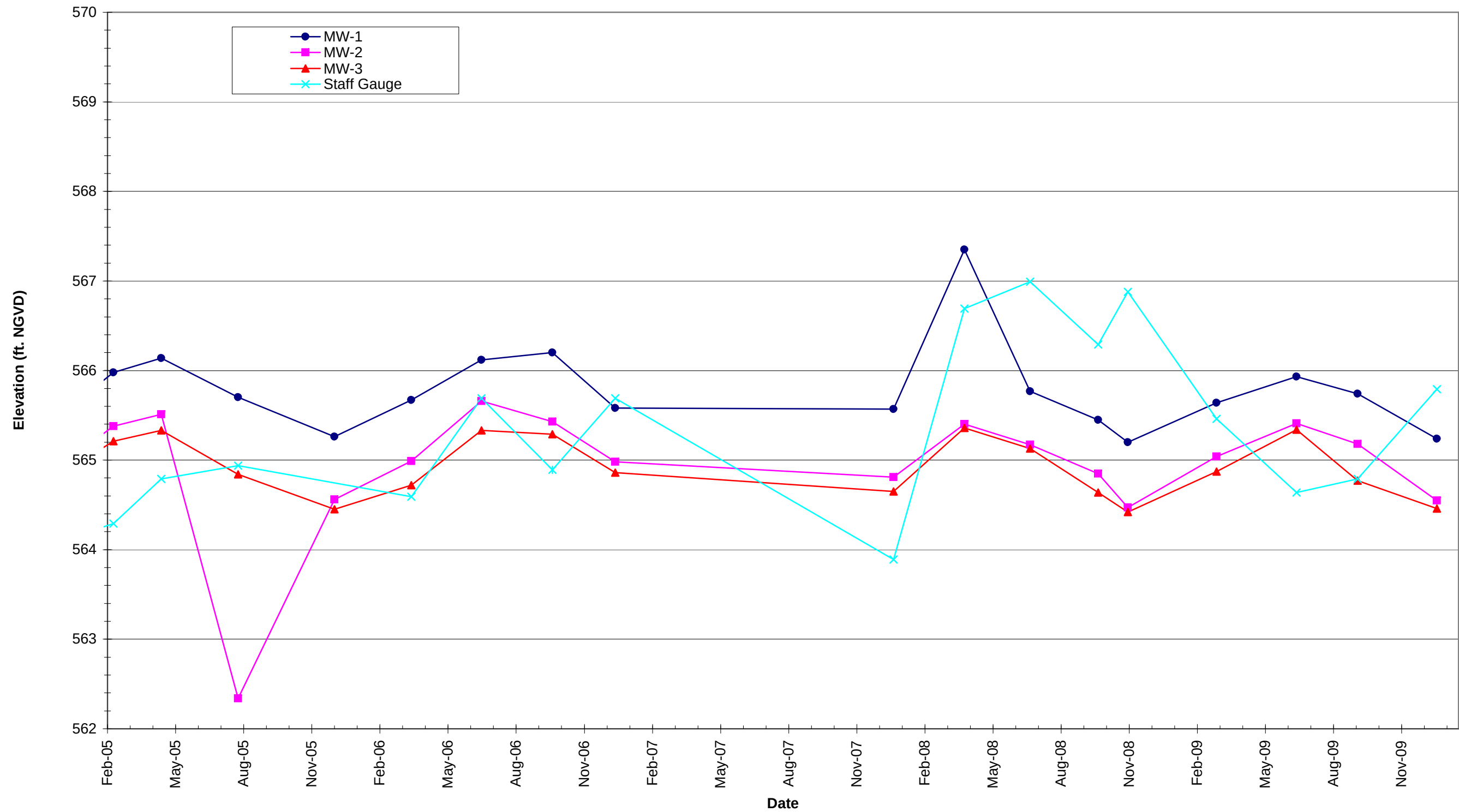


Figure 3.2b
Cherry Farm/River Road Site
Monitoring Well Hydrograph (MW-4,5)

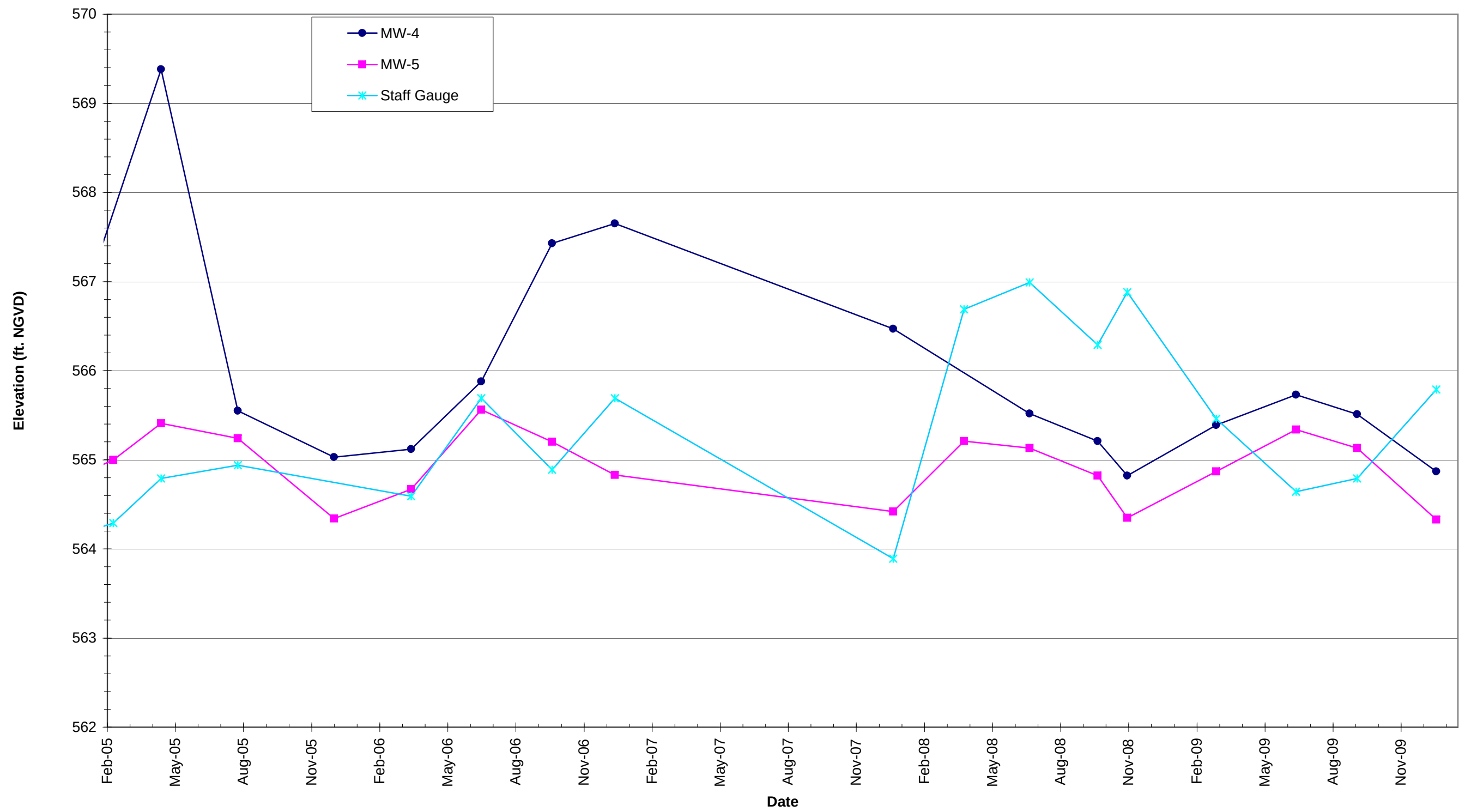


Figure 3.2c
Cherry Farm/River Road Site
Monitoring Well Hydrograph (MW-6,7)

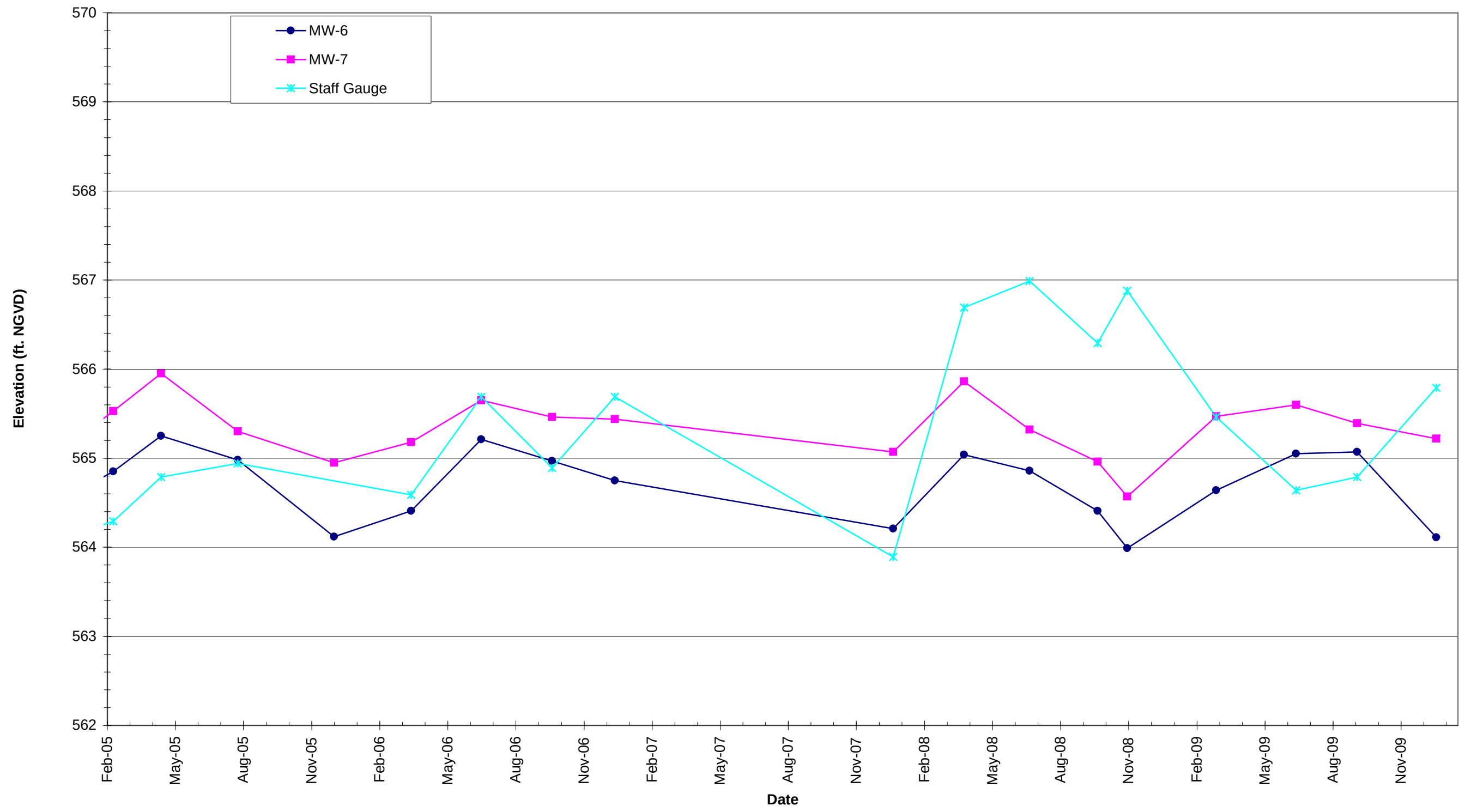


Figure 3.2d
Cherry Farm/River Road Site
Monitoring Well Hydrograph (RW-4,5)

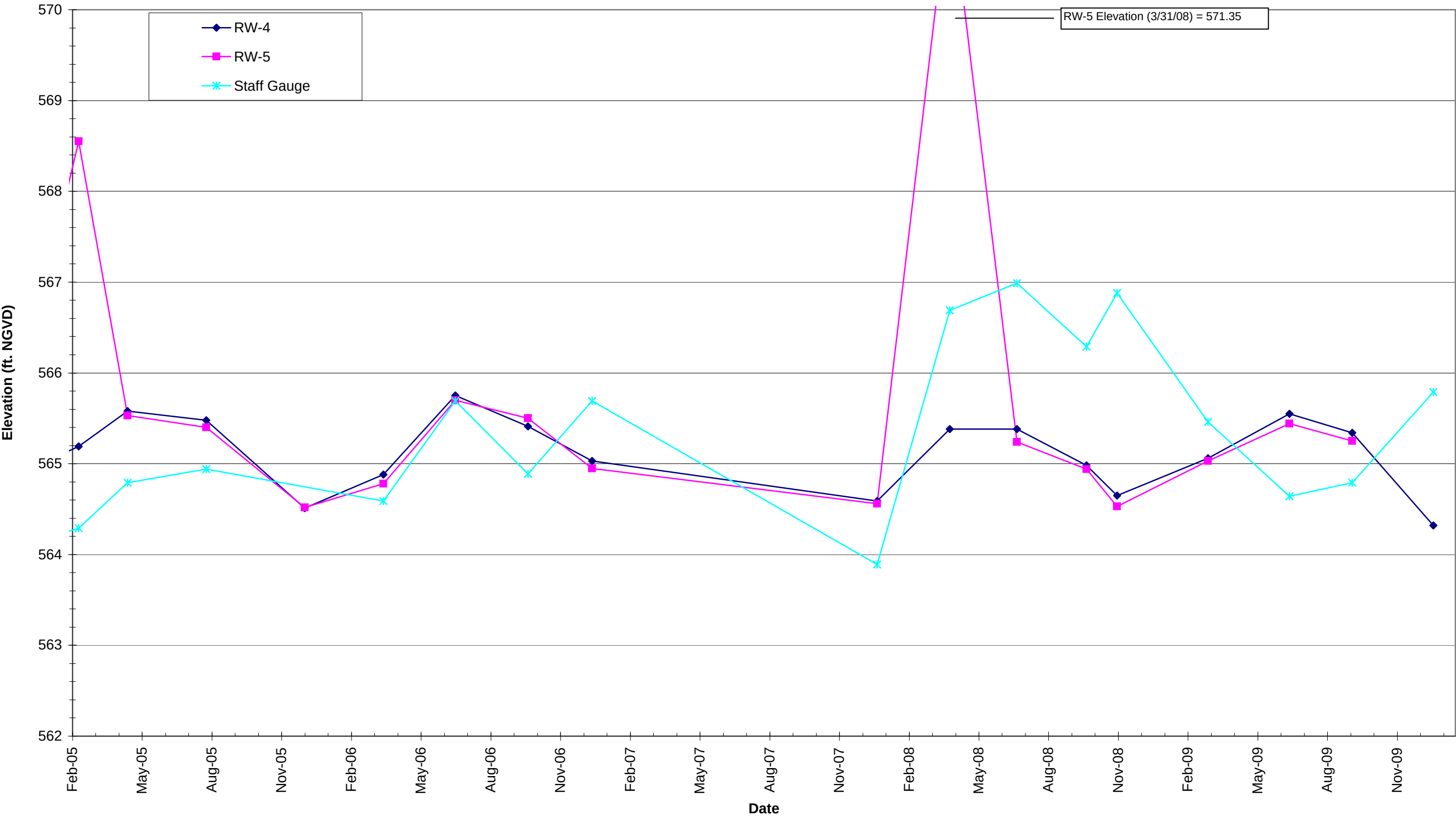


Figure 3.3a
Cherry Farm/River Road Site
Sump Hydrograph (S-1,2,3,4)

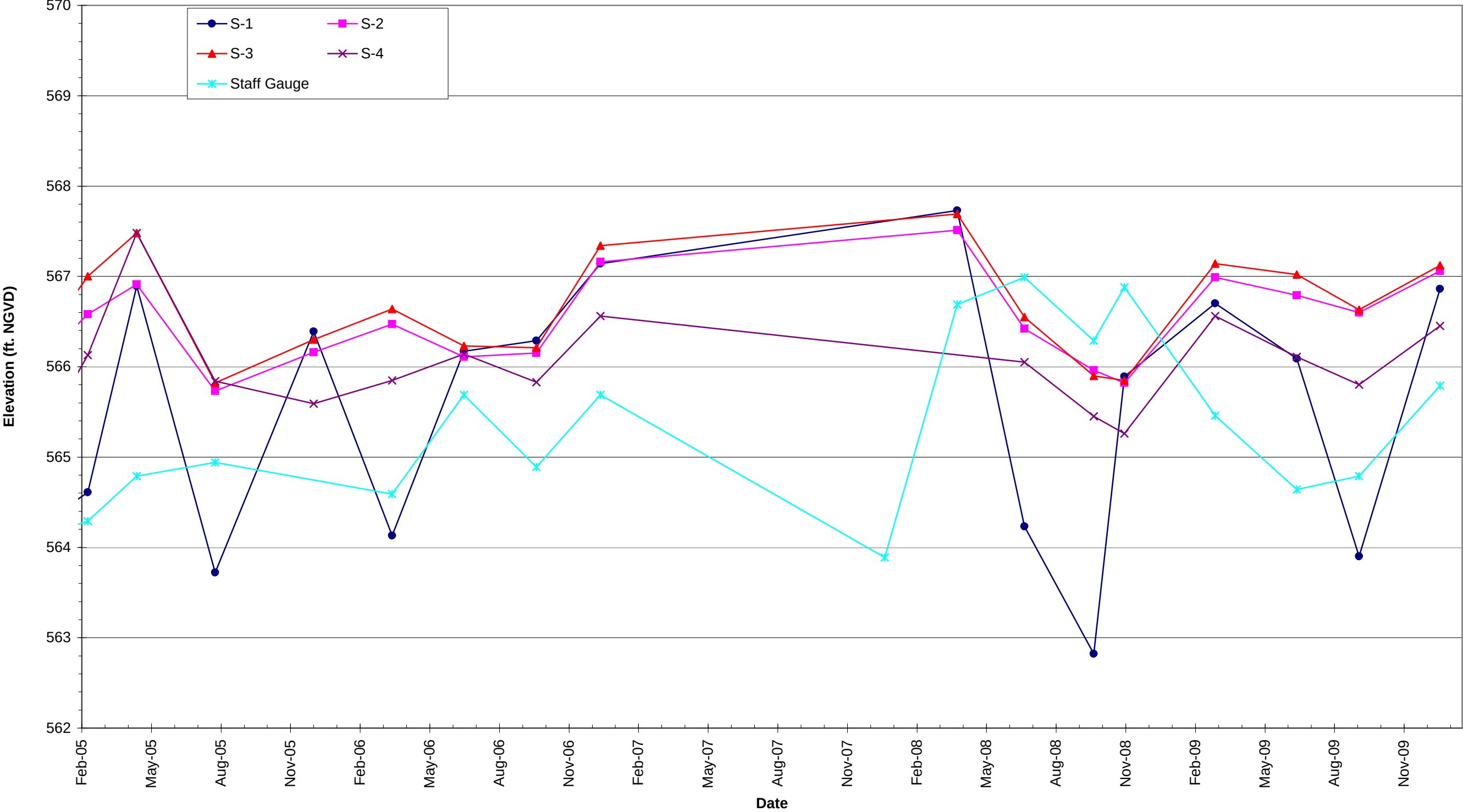


Figure 3.3b
Cherry Farm/River Road Site
Observation Well (OW-1,2,3,4)

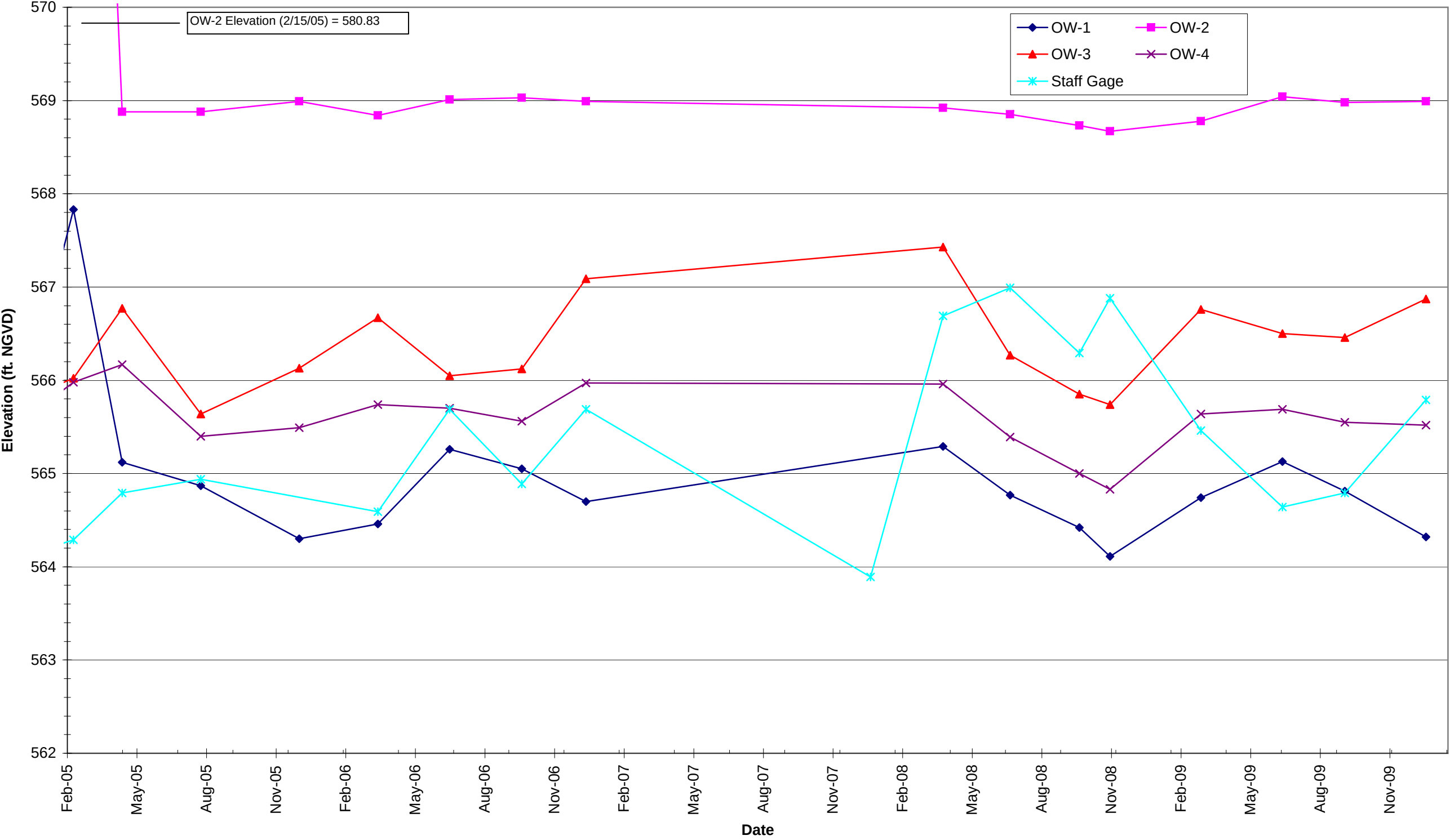
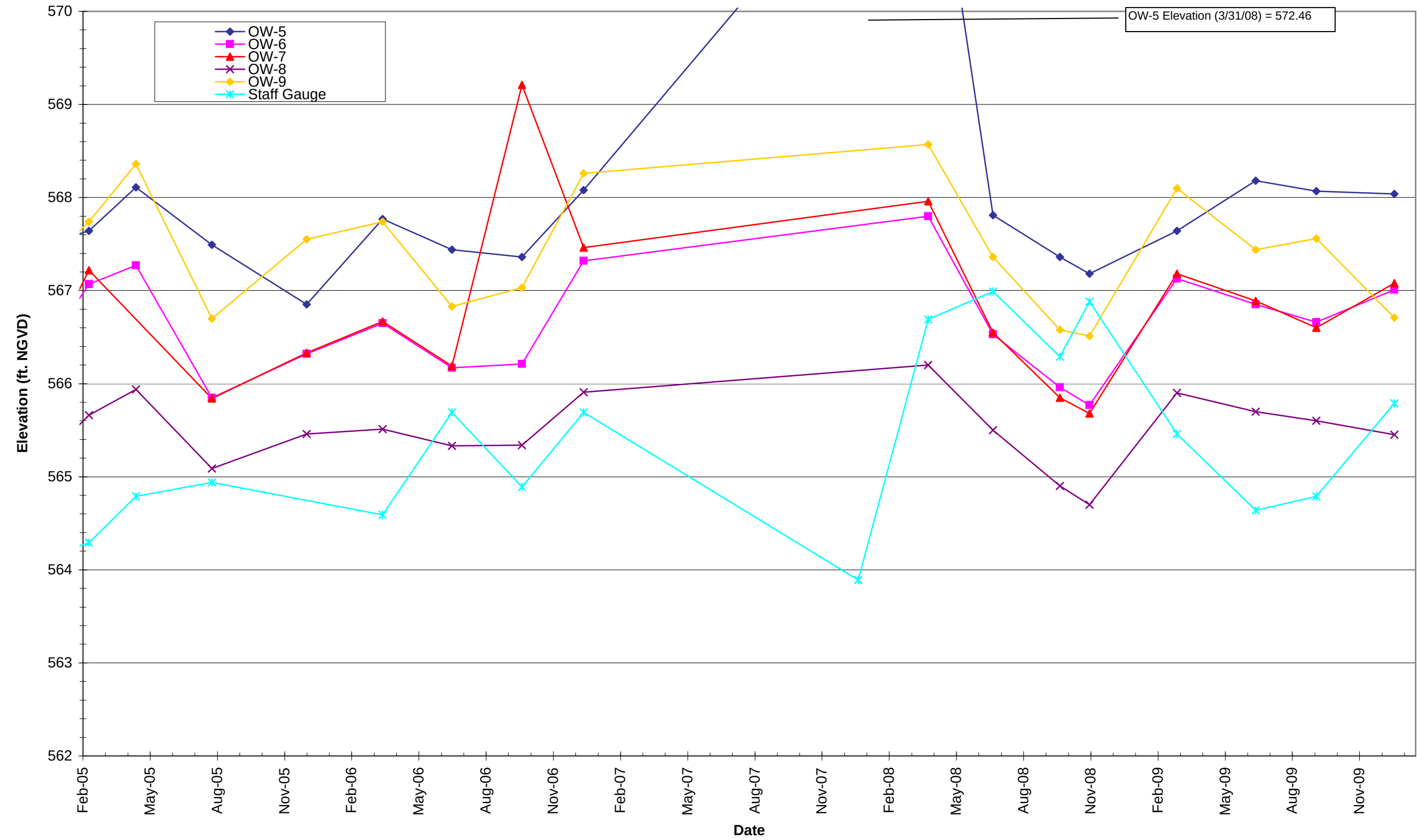


Figure 3.3c
Cherry Farm/River Road Site
Observation Well (OW-5,6,7,8, 9)



SECTION 4

SUMMARY AND CONCLUSIONS

The objectives of the post-construction monitoring program were to monitor and evaluate the Site groundwater and surface water quality, and the effectiveness of the shallow extraction system. The primary conclusions derived from the monitoring program are summarized below.

- Impacts from the site on groundwater quality in the intermediate/deep zone are relatively minor. When compared to the November 2008 sampling results, a greater number of wells (three in 2009 versus one in 2008) had concentrations exceeding groundwater quality standards/guidance values however there were a fewer number of monitoring wells that had analyte detections.
- Shallow groundwater samples collected from the sumps showed that there is a greater impact to the shallow groundwater quality than to the intermediate/deep zone. The greatest number of concentrations exceeding groundwater quality standards/guidance values occurred in S-1 however S-2, S-3, and S-4 had exceedances as well. The most notable impacts were an increase in concentration of SVOCs, pesticides, and PCBs in sump S-1 from 2008.
- There was no surface water present in any of the surface water sampling points at the time of the 2009 sampling event.
- The shallow collection trench system has operated as designed, with flow rates approximating those calculated during the design phase.
- Deficiencies were noted during the May 2009 cap/site inspection with the NYSDEC that included woody growth along the river bank of the entire cap and erosion in the drainage swale between the two caps. Mowing of the woody growth was completed in September 2009 and rip-rap was added to the drainage swale in November 2009.
- The groundwater treatment system discharge was out of compliance (in accordance with the discharge permit for the site) in December 2009. The necessary system component adjustments were made and as of January 29, 2010, the treatment system is operating/discharging within permitted limits.
- Periodic Review Reports will continue to be submitted on an annual basis.

APPENDIX A-1
September 2009 Analytical Data

Appendix A-1
September 2009 Analytical Data (Monitoring Well Samples)

Cherry Farm September 2009 Monitoring Well Sampling	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 RSI0359-01 11.94 BM RSI0296 WATER 9/10/2009	MW-2 RSI0312-07 13.58 BM RSI0296 WATER 9/9/2009	MW-3 RSI0359-04 6.39 BM RSI0296 WATER 9/10/2009	MW-4 RSI0359-03 18.32 BM RSI0296 WATER 9/10/2009	MW-5 RSI0359-02 19.01 BM RSI0296 WATER 9/10/2009	MW-6 RSI0312-06 20.63 BM RSI0296 WATER 9/9/2009	MW-7 RSI0312-05 21.01 BM RSI0296 WATER 9/9/2009	RW-4 RSI0296-01 16.49 BM RSI0296 WATER 9/8/2009	Dup (RW-4) RSI0296-04 BM RSI0296 WATER 9/8/2009	RW-5 RSI0296-05 16.8 BM RSI0296 WATER 9/8/2009
COMPOUND	UNITS:										
VOLATILES											
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
1,2-Dichloroethene, Total	µg/L	2.0 U	2.0 U	8.0 U	2.0 U	10 U	2.0 U	2.0 U	8.0 U	8.0 U	2.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
2-Butanone	µg/L	5.0 U	5.0 U	20 U	5.0 U	25 U	5.0 U	5.0 U	20 U	20 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	20 U	5.0 U	25 U	5.0 U	5.0 U	20 U	20 U	5.0 U
4-Methyl-2-pentanone	µg/L	5.0 U	5.0 U	20 U	5.0 U	25 U	5.0 U	5.0 U	20 U	20 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	20 U	5.0 U	25 U	5.0 U	5.0 U	20 U	20 U	2.8 J
Benzene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	76	1.0 U	1.0 U	4.0 U	4.0 U	1.8
Bromodichloromethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Bromomethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Carbon Tetrachloride	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Chloroform	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Chloromethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	4.4 J	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Methylene Chloride	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.6	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	4.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U	1.0 U
Xylenes, total	µg/L	2.0 U	2.0 U	8.0 U	2.0 U	16	2.0 U	2.0 U	8.0 U	8.0 U	2.0 U
SEMIVOLATILES											
1,2,4-Trichlorobenzene	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
1,2-Dichlorobenzene	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
1,3-Dichlorobenzene	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
1,4-Dichlorobenzene	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
2,4,5-Trichlorophenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2,4,6-Trichlorophenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2,4-Dichlorophenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2,4-Dimethylphenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	6.0	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2,4-Dinitrophenol	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
2,4-Dinitrotoluene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2,6-Dinitrotoluene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2-Chloronaphthalene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2-Chlorophenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2-Methylnaphthalene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2-Methylphenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	1.4 J	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
2-Nitroaniline	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
2-Nitrophenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
3,3'-Dichlorobenzidine	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
3-Nitroaniline	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
4,6-Dinitro-2-methylphenol	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
4-Bromophenyl phenyl ether	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
4-Chloro-3-methylphenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
4-Chloroaniline	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
4-Chlorophenyl phenyl ether	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
4-Methylphenol	µg/L	10 U	9.8 U	11 U	10 U	1.6 J	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
4-Nitroaniline	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
4-Nitrophenol	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
Acenaphthene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Acenaphthylene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Anthracene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Benzo[a]anthracene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Benzo[a]pyrene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Benzo[b]fluoranthene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Benzo[g,h,i]perylene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Benzo[k]fluoranthene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Bis(2-chloroethoxy)methane	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Bis(2-chloroethyl)ether	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Bis(2-chloroisopropyl) ether	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Bis(2-ethylhexyl) phthalate	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Butyl benzyl phthalate	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Carbazole	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Chrysene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Dibenz[a,h]anthracene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Dibenzofuran	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Diethyl phthalate	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Dimethyl phthalate	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Di-n-butyl phthalate	µg/L	0.49 J	4.9 U	0.39 J	0.79 J	0.72 J	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Di-n-octyl phthalate	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Fluoranthene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Fluorene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Hexachlorobenzene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Hexachlorobutadiene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Hexachlorocyclopentadiene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Hexachloroethane	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Indeno[1,2,3-cd]pyrene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Isophorone	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Naphthalene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	23	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Nitrobenzene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
N-Nitrosodi-n-propylamine	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
N-Nitrosodiphenylamine	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Pentachlorophenol	µg/L	10 U	9.8 U	11 U	10 U	10 U	9.7 U	9.8 U	9.8 U	9.4 U	9.6 U
Phenanthrene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Phenol	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
Pyrene	µg/L	5.0 U	4.9 U	5.6 U	5.2 U	5.0 U	4.9 U	4.9 U	4.9 U	4.7 U	4.8 U
PCBs											
Aroclor 1016	µg/L	0.48 U	0.50 U	0.51 U	0.50 U	0.50 U	0.53 U	0.52 U	0.48 U	0.48 U	0.48 U
Aroclor 1221	µg/L	0.48 U	0.50 U	0.51 U	0.50 U	0.50 U	0.53 U	0.52 U	0.48 U	0.48 U	0.48 U
Aroclor 1232	µg/L	0.48 U	0.50 U	0.51 U	0.50 U	0.50 U	0.53 U	0.52 U	0.48 U	0.48 U	0.48 U
Aroclor 1242	µg/L	0.48 U	0.50 U	0.51 U	0.50 U	0.50 U	0.53 U	0.52 U	0.48 U	0.48 U	0.48 U
Aroclor 1248	µg/L	0.48 U	0.								

Appendix A-1
September 2009 Analytical Data (Sump Samples)

Cherry Farm September 2009 Sump Sampling	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	S-1 RSI0312-01 BM RSI0296 WATER 9/9/2009	S-2 RSI0312-02 BM RSI0296 WATER 9/9/2009	S-3 RSI0312-03 BM RSI0296 WATER 9/9/2009	S-4 RSI0312-04 BM RSI0296 WATER 9/9/2009	Field Blank RSI0296-06 BM RSI0296 WATER 9/8/2009
COMPOUND	UNITS:					
VOLATILES						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	0.50 J	2.2	1.5	1.3	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	µg/L	4.8	2.0 U	2.0 U	1.9 J	2.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.5	5.0 U	2.1 J	5.0 U	3.7 J
Benzene	µg/L	1.0 U	0.49 J	1.0 U	0.87 J	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.5	1.0 U
Methylene Chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.72 J	1.0 U
Toluene	µg/L	1.0 U	0.68 J	1.0 U	1.4	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.66 J	1.0 U	1.0 U	0.70 J	1.0 U
Vinyl chloride	µg/L	0.59 J	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, total	µg/L	2.0 U	1.8 J	1.0 J	9.7	2.0 U
SEMIVOLATILES						
1,2,4-Trichlorobenzene	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
1,2-Dichlorobenzene	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
1,3-Dichlorobenzene	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
1,4-Dichlorobenzene	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
2,4,5-Trichlorophenol	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
2,4,6-Trichlorophenol	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
2,4-Dichlorophenol	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
2,4-Dimethylphenol	µg/L	110 U	15	11	21	5.0 U
2,4-Dinitrophenol	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
2,4-Dinitrotoluene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
2,6-Dinitrotoluene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
2-Chloronaphthalene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
2-Chlorophenol	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
2-Methylnaphthalene	µg/L	110 U	5.0 U	4.9 U	1.5 J	5.0 U
2-Methylphenol	µg/L	110 U	4.6 J	3.5 J	7.4	5.0 U
2-Nitroaniline	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
2-Nitrophenol	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
3,3'-Dichlorobenzidine	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
3-Nitroaniline	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
4,6-Dinitro-2-methylphenol	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
4-Bromophenyl phenyl ether	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
4-Chloro-3-methylphenol	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
4-Chloroaniline	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
4-Chlorophenyl phenyl ether	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
4-Methylphenol	µg/L	220 U	10	7.4 J	11	9.9 U
4-Nitroaniline	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
4-Nitrophenol	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
Acenaphthene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Acenaphthylene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Anthracene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Benzo[a]anthracene	µg/L	32 J	5.0 U	4.9 U	4.9 U	5.0 U
Benzo[a]pyrene	µg/L	37 J	5.0 U	4.9 U	4.9 U	5.0 U
Benzo[b]fluoranthene	µg/L	47 J	5.0 U	4.9 U	4.9 U	5.0 U
Benzo[g,h,i]perylene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Benzo[k]fluoranthene	µg/L	26 J	5.0 U	4.9 U	4.9 U	5.0 U
Bis(2-chloroethoxy)methane	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Bis(2-chloroethyl)ether	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Bis(2-chloroisopropyl) ether	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Bis(2-ethylhexyl) phthalate	µg/L	110	5.0 U	4.9 U	4.9 U	5.0 U
Butyl benzyl phthalate	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Carbazole	µg/L	110 U	5.0 U	4.9 U	1.3 J	5.0 U
Chrysene	µg/L	27 J	5.0 U	4.9 U	4.9 U	5.0 U
Dibenz[a,h]anthracene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Dibenzofuran	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Diethyl phthalate	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Dimethyl phthalate	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Di-n-butyl phthalate	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Di-n-octyl phthalate	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Fluoranthene	µg/L	45 J	5.0 U	4.9 U	4.9 U	5.0 U
Fluorene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Hexachlorobenzene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Hexachlorobutadiene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Hexachlorocyclopentadiene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Hexachloroethane	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Indeno[1,2,3-cd]pyrene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Isophorone	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Naphthalene	µg/L	110 U	2.2 J	1.2 J	4.3 J	5.0 U
Nitrobenzene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
N-Nitrosodi-n-propylamine	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
N-Nitrosodiphenylamine	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Pentachlorophenol	µg/L	220 U	9.9 U	9.8 U	9.7 U	9.9 U
Phenanthrene	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Phenol	µg/L	110 U	5.0 U	4.9 U	4.9 U	5.0 U
Pyrene	µg/L	90 J	5.0 U	4.9 U	4.9 U	5.0 U

Appendix A-1
September 2009 Analytical Data (Sump Samples)

Cherry Farm September 2009 Sump Sampling	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	S-1 RSI0312-01 BM RSI0296 WATER 9/9/2009	S-2 RSI0312-02 BM RSI0296 WATER 9/9/2009	S-3 RSI0312-03 BM RSI0296 WATER 9/9/2009	S-4 RSI0312-04 BM RSI0296 WATER 9/9/2009	Field Blank RSI0296-06 BM RSI0296 WATER 9/8/2009
COMPOUND	UNITS:					
PESTICIDES						
4,4'-DDD	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
4,4'-DDE	µg/L	4.8 J	0.024 J	0.050 U	0.021 J	0.049 U
4,4'-DDT	µg/L	6.1 U	0.052 U	0.028 J	0.051 U	0.049 U
Aldrin	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
alpha-BHC	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
alpha-Chlordane	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
beta-BHC	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Chlordane	µg/L	61 U	0.52 U	0.50 U	0.51 U	0.49 U
delta-BHC	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Dieldrin	µg/L	6.7	0.052 U	0.050 U	0.051 U	0.049 U
Endosulfan I	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Endosulfan II	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Endosulfan sulfate	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Endrin	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Endrin aldehyde	µg/L	5.9 J	0.052 U	0.050 U	0.051 U	0.049 U
Endrin ketone	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
gamma-BHC (Lindane)	µg/L	3.2 J	0.052 U	0.026 J	0.041 J	0.049 U
gamma-Chlordane	µg/L	6.1 U	0.052 U	0.050 U	0.012 J	0.049 U
Heptachlor	µg/L	6.1 U	0.052 U	0.016 J	0.051 U	0.049 U
Heptachlor epoxide	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Methoxychlor	µg/L	6.1 U	0.052 U	0.050 U	0.051 U	0.049 U
Toxaphene	µg/L	61 U	0.52 U	0.50 U	0.51 U	0.49 U
PCBs						
Aroclor 1016	µg/L	30 U	0.52 U	0.50 U	0.51 U	0.49 U
Aroclor 1221	µg/L	30 U	0.52 U	0.50 U	0.51 U	0.49 U
Aroclor 1232	µg/L	30 U	0.52 U	0.50 U	0.51 U	0.49 U
Aroclor 1242	µg/L	30 U	0.52 U	0.50 U	3.5	0.49 U
Aroclor 1248	µg/L	290	0.52 U	0.50 U	0.51 U	0.49 U
Aroclor 1254	µg/L	30 U	0.52 U	0.50 U	0.51 U	0.49 U
Aroclor 1260	µg/L	210	0.52 U	0.50 U	0.51 U	0.49 U
INORGANICS						
Aluminum	mg/L	0.357 B	0.159 J, B	0.309 B	0.316 B	0.200 U
Antimony	mg/L	0.0078 J	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Arsenic	mg/L	0.0113	0.0100 U	0.0100 U	0.0094 J	0.0100 U
Barium	mg/L	0.0690	0.0355	0.0278	0.0193	0.0086
Beryllium	mg/L	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
Cadmium	mg/L	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Calcium	mg/L	36.0 B	74.4 B	59.1 B	121 B	6.3 B
Chromium	mg/L	0.0107	0.0009 J	0.0040 U	0.0012 J	0.0040 U
Cobalt	mg/L	0.0007 J	0.0040 U	0.0040 U	0.0040 U	0.0040 U
Copper	mg/L	0.0173	0.0028 J	0.0100 U	0.0176	0.0028 J
Iron	mg/L	1.79	0.078	0.026 J	0.370	0.050 U
Lead	mg/L	0.0050	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Magnesium	mg/L	5.23	0.200 U	0.056 J	1.01	0.853
Manganese	mg/L	0.222	0.0006 J	0.0010 J	0.0664	0.0011 J
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0059 J	0.0018 J	0.0026 J	0.0045 J	0.0014 J
Potassium	mg/L	28.4	39.7	41.0	50.8	0.289 J
Selenium	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Silver	mg/L	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Sodium	mg/L	61.4	56.7	58.5	50.5	1.1
Thallium	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Vanadium	mg/L	0.0051	0.0133	0.0156	0.0046 J	0.0050 U
Zinc	mg/L	0.0369	0.0028 J	0.0333	0.250	0.0022 J
Cyanide	mg/L	0.0100 U	0.0100 U	0.0465	0.0063 J	0.0100 U

Notes:
U = Indicates compound was analyzed for, but not detected at or above the reporting limit
B (organics) = The analyte was found in the associated blank, as well as in the sample
J or B (inorganics) = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
J (organics) = Indicates an estimated value

APPENDIX A-2
Laboratory Analytical Data Package



Analytical Report

SDG Number: RSI0296

Project Description(s)

Work Order RSI0296 - Cherry Farms-Annual GW
Work Order RSI0312 - Cherry Farms-Annual GW
Work Order RSI0359 - Cherry Farms-Annual GW

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY

158 Sonwil Drive

Cheektowaga, NY 14225

A handwritten signature in black ink, reading "Paul K. Morrow". The signature is written in a cursive style and is positioned above a horizontal line.

Paul Morrow

Project Manager

Paul.Morrow@testamericainc.com

Monday, October 5, 2009

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

TestAmerica Buffalo Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

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Reported: 10/05/09 16:33

Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

There are pertinent documents appended to this report, 3 pages, are included and are an integral part of this report. Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
C4	Calibration Verification recovery was below the method control limit for this analyte.
CF6	Results confirmed by reanalysis.
D03	Dilution required due to excessive foaming
D04	Dilution required due to high levels of non-target compounds
D08	Dilution required due to high concentration of target analyte(s)
D12	Dilution required due to sample viscosity
ID7	The analytes 3-Methylphenol and 4-Methylphenol coelute and can not be analytically separated. The reported concentration for 4-Methylphenol is a total concentration value rather than individual quantitated values.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
M11	The MS and/or MSD were above the acceptance limits.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
QFL	Florisil clean-up (EPA 3620) performed on extract.
QSU	Sulfur (EPA 3660) clean-up performed on extract.
R2	The RPD exceeded the acceptance limit.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: FIELD BLANK (RSI0296-06 - Water)					Sampled: 09/08/09 13:36			Recvd: 09/08/09 14:10		

Volatile Organic Compounds by EPA 8260B

Acetone	3.7	J	5.0	1.3	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
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Total Metals by SW 846 Series Methods

Barium	0.0086		0.0020	0.0003	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Calcium	6.3	B	0.5	0.1	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Copper	0.0028	J	0.0100	0.0013	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Magnesium	0.853		0.200	0.043	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Manganese	0.0011	J	0.0030	0.0002	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Nickel	0.0014	J	0.0100	0.0013	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Potassium	0.289	J	0.500	0.050	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Sodium	1.1		1.0	0.3	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Zinc	0.0022	J	0.0100	0.0015	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B

Client ID: MW-1 (RSI0359-01 - Ground Water)

Sampled: 09/10/09 08:56 Recvd: 09/10/09 11:10

Semivolatile Organics by GC/MS

Di-n-butyl phthalate	0.49	J	5.0	0.30	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
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Client ID: MW-3 (RSI0359-04 - Ground Water)

Sampled: 09/10/09 09:45 Recvd: 09/10/09 11:10

Semivolatile Organics by GC/MS

Di-n-butyl phthalate	0.39	J	5.6	0.33	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
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Client ID: MW-4 (RSI0359-03 - Ground Water)

Sampled: 09/10/09 09:35 Recvd: 09/10/09 11:10

Semivolatile Organics by GC/MS

Di-n-butyl phthalate	0.79	J	5.2	0.31	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
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Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1248	0.51		0.50	0.18	ug/L	1.00	09/16/09 13:43	SCH	9I14004	8082
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Client ID: MW-5 (RSI0359-02 - Ground Water)

Sampled: 09/10/09 09:25 Recvd: 09/10/09 11:10

Volatile Organic Compounds by EPA 8260B

Benzene	76	D03	5.0	2.0	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Ethylbenzene	4.4	D03,J	5.0	0.92	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Toluene	5.6	D03	5.0	2.6	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Xylenes, total	16	D03	10	3.3	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B

Semivolatile Organics by GC/MS

2,4-Dimethylphenol	6.0		5.0	0.96	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2-Methylphenol	1.4	J	5.0	0.23	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Methylphenol	1.6	J	10	0.58	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Di-n-butyl phthalate	0.72	J	5.0	0.30	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Naphthalene	23		5.0	0.12	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C

Client ID: RW-5 (RSI0296-05 - Ground Water)

Sampled: 09/08/09 12:56 Recvd: 09/08/09 14:10

Volatile Organic Compounds by EPA 8260B

Acetone	2.8	J	5.0	1.3	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Benzene	1.8		1.0	0.41	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-1 (RSI0312-01 - Water)						Sampled: 09/09/09 11:15		Recvd: 09/09/09 16:00		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1-Dichloroethane	0.50	J	1.0	0.38	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,2-Dichloroethene, Total	4.8		2.0	0.70	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Acetone	5.5		5.0	1.3	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Trichloroethene	0.66	J	1.0	0.46	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Vinyl chloride	0.59	J	1.0	0.24	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
<u>Semivolatile Organics by GC/MS</u>										
Benzo[a]anthracene	32	D12,J	110	1.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[a]pyrene	37	D12,J	110	2.0	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[b]fluoranthene	47	D12,J	110	1.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[k]fluoranthene	26	D12,J	110	1.5	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	110	D12	110	110	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Chrysene	27	D12,J	110	6.1	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Fluoranthene	45	D12,J	110	2.2	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Pyrene	90	D12,J	110	1.5	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
<u>Organochlorine Pesticides by EPA Method 8081A</u>										
4,4'-DDE [2C]	4.8	QFL, D04,J	6.1	1.4	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Dieldrin [2C]	6.7	QFL, D04	6.1	2.4	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Endrin aldehyde [2C]	5.9	QFL, D04,J	6.1	2.0	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
gamma-BHC (Lindane) [2C]	3.2	QFL, D04,J	6.1	0.73	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
<u>Polychlorinated Biphenyls by EPA Method 8082</u>										
Aroclor 1248	290	QSU, D08, Z3	30	11	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
Aroclor 1260	210	QSU, D08, Z3	30	15	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	0.357	B	0.200	0.040	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Antimony	0.0078	J	0.0200	0.0055	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Arsenic	0.0113		0.0100	0.0056	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Barium	0.0690		0.0020	0.0003	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Calcium	36.0	B	0.5	0.1	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Chromium	0.0107		0.0040	0.0009	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Cobalt	0.0007	J	0.0040	0.0005	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Copper	0.0173		0.0100	0.0013	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Iron	1.79		0.050	0.019	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Lead	0.0050		0.0050	0.0029	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Magnesium	5.23		0.200	0.043	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Manganese	0.222		0.0030	0.0002	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Nickel	0.0059	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Potassium	28.4		0.500	0.050	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Sodium	61.4		1.0	0.3	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Vanadium	0.0051		0.0050	0.0011	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Zinc	0.0369		0.0100	0.0015	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B

TestAmerica Buffalo

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-2 (RSI0312-02 - Water)					Sampled: 09/09/09 11:40			Recvd: 09/09/09 16:00		

Volatile Organic Compounds by EPA 8260B

1,1-Dichloroethane	2.2		1.0	0.38	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Benzene	0.49	J	1.0	0.41	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Toluene	0.68	J	1.0	0.51	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Xylenes, total	1.8	J	2.0	0.66	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B

Semivolatile Organics by GC/MS

2,4-Dimethylphenol	15		5.0	0.95	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2-Methylphenol	4.6	J	5.0	0.23	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Methylphenol	10	ID7	9.9	0.57	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Naphthalene	2.2	J	5.0	0.11	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDE [2C]	0.024	J	0.052	0.012	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
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Total Metals by SW 846 Series Methods

Aluminum	0.159	J, B	0.200	0.040	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Barium	0.0355		0.0020	0.0003	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Calcium	74.4	B	0.5	0.1	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Chromium	0.0009	J	0.0040	0.0009	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Copper	0.0028	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Iron	0.078		0.050	0.019	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Manganese	0.0006	J	0.0030	0.0002	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Nickel	0.0018	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Potassium	39.7		0.500	0.050	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Sodium	56.7		1.0	0.3	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Vanadium	0.0133		0.0050	0.0011	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Zinc	0.0028	J	0.0100	0.0015	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B

Client ID: SUMP-3 (RSI0312-03 - Water)

Sampled: 09/09/09 11:55

Recvd: 09/09/09 16:00

Volatile Organic Compounds by EPA 8260B

1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1.00	09/11/09 12:42	LH	9I11028	8260B
Acetone	2.1	J	5.0	1.3	ug/L	1.00	09/11/09 12:42	LH	9I11028	8260B
Xylenes, total	1.0	J	2.0	0.66	ug/L	1.00	09/11/09 12:42	LH	9I11028	8260B

Semivolatile Organics by GC/MS

2,4-Dimethylphenol	11		4.9	0.94	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
2-Methylphenol	3.5	J	4.9	0.22	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Methylphenol	7.4	ID7, J	9.8	0.57	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Naphthalene	1.2	J	4.9	0.11	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDT [2C]	0.028	J	0.050	0.011	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
gamma-BHC (Lindane)	0.026	J	0.050	0.0060	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
[2C]										
Heptachlor [2C]	0.016	J	0.050	0.0085	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A

Total Metals by SW 846 Series Methods

Aluminum	0.309	B	0.200	0.040	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Barium	0.0278		0.0020	0.0003	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Client ID: SUMP-3 (RSI0312-03 - Water) - cont.

Sampled: 09/09/09 11:55

Recvd: 09/09/09 16:00

Total Metals by SW 846 Series Methods - cont.

Calcium	59.1	B	0.5	0.1	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Iron	0.026	J	0.050	0.019	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Magnesium	0.056	J	0.200	0.043	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Manganese	0.0010	J	0.0030	0.0002	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Nickel	0.0026	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Potassium	41.0		0.500	0.050	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Sodium	58.5		1.0	0.3	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Vanadium	0.0156		0.0050	0.0011	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Zinc	0.0333		0.0100	0.0015	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B

General Chemistry Parameters

Total Cyanide	0.0465	CF6	0.0100	0.0050	mg/L	1.00	09/17/09 09:24	jmm	9I16009	9012A
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Client ID: SUMP-4 (RSI0312-04 - Water)

Sampled: 09/09/09 12:15

Recvd: 09/09/09 16:00

Volatile Organic Compounds by EPA 8260B

1,1-Dichloroethane	1.3		1.0	0.38	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,2-Dichloroethene, Total	1.9	J	2.0	0.70	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Benzene	0.87	J	1.0	0.41	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Ethylbenzene	1.5		1.0	0.18	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Tetrachloroethene	0.72	J	1.0	0.36	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Toluene	1.4		1.0	0.51	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Trichloroethene	0.70	J	1.0	0.46	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Xylenes, total	9.7		2.0	0.66	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B

Semivolatile Organics by GC/MS

2,4-Dimethylphenol	21		4.9	0.93	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2-Methylnaphthalene	1.5	J	4.9	0.080	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2-Methylphenol	7.4		4.9	0.22	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Methylphenol	11	ID7	9.7	0.56	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Carbazole	1.3	J	4.9	0.086	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Naphthalene	4.3	J	4.9	0.11	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDE [2C]	0.021	J	0.051	0.012	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
gamma-BHC (Lindane)	0.041	J	0.051	0.0061	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
[2C]										
gamma-Chlordane [2C]	0.012	J	0.051	0.011	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1242	3.5		0.51	0.18	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082
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Total Metals by SW 846 Series Methods

Aluminum	0.316	B	0.200	0.040	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Arsenic	0.0094	J	0.0100	0.0056	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Barium	0.0193		0.0020	0.0003	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Calcium	121	B	0.5	0.1	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Chromium	0.0012	J	0.0040	0.0009	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Copper	0.0176		0.0100	0.0013	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Iron	0.370		0.050	0.019	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-4 (RSI0312-04 - Water) - cont.						Sampled: 09/09/09 12:15		Recvd: 09/09/09 16:00		
<u>Total Metals by SW 846 Series Methods - cont.</u>										
Magnesium	1.01	J	0.200	0.043	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Manganese	0.0664		0.0030	0.0002	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Nickel	0.0045		0.0100	0.0013	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Potassium	50.8	J	0.500	0.050	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Sodium	50.5		1.0	0.3	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Vanadium	0.0046		0.0050	0.0011	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Zinc	0.250		0.0100	0.0015	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
<u>General Chemistry Parameters</u>										
Total Cyanide	0.0063	J	0.0100	0.0050	mg/L	1.00	09/15/09 09:23	jmm	9I11032	9012A

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
DUP	RSI0296-04	Ground Water	09/08/09 10:40	09/08/09 14:10	
FIELD BLANK	RSI0296-06	Water	09/08/09 13:36	09/08/09 14:10	
MW-1	RSI0359-01	Ground Water	09/10/09 08:56	09/10/09 11:10	
MW-2	RSI0312-07	Ground Water	09/09/09 15:27	09/09/09 16:00	
MW-3	RSI0359-04	Ground Water	09/10/09 09:45	09/10/09 11:10	
MW-4	RSI0359-03	Ground Water	09/10/09 09:35	09/10/09 11:10	
MW-5	RSI0359-02	Ground Water	09/10/09 09:25	09/10/09 11:10	
MW-6	RSI0312-06	Ground Water	09/09/09 15:01	09/09/09 16:00	
MW-7	RSI0312-05	Ground Water	09/09/09 14:40	09/09/09 16:00	
RW-4	RSI0296-01	Ground Water	09/08/09 10:40	09/08/09 14:10	
RW-5	RSI0296-05	Ground Water	09/08/09 12:56	09/08/09 14:10	
SUMP-1	RSI0312-01	Water	09/09/09 11:15	09/09/09 16:00	
SUMP-2	RSI0312-02	Water	09/09/09 11:40	09/09/09 16:00	
SUMP-3	RSI0312-03	Water	09/09/09 11:55	09/09/09 16:00	
SUMP-4	RSI0312-04	Water	09/09/09 12:15	09/09/09 16:00	
trip blank	RSI0296-07	Water	09/08/09	09/08/09 14:10	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: DUP (RSI0296-04 - Ground Water)						Sampled: 09/08/09 10:40		Recvd: 09/08/09 14:10		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,1,2,2-Tetrachloroethane	ND	D03	4.0	0.85	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,1,2-Trichloroethane	ND	D03	4.0	0.92	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,1-Dichloroethane	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,1-Dichloroethene	ND	D03	4.0	1.2	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,2-Dichloroethane	ND	D03	4.0	0.86	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,2-Dichloroethene, Total	ND	D03	8.0	2.8	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,2-Dichloropropane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
2-Butanone	ND	D03	20	5.3	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
2-Hexanone	ND	D03	20	5.0	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
4-Methyl-2-pentanone	ND	D03	20	3.6	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Acetone	ND	D03	20	5.4	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Benzene	ND	D03	4.0	1.6	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Bromodichloromethane	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Bromoform	ND	D03	4.0	1.0	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Bromomethane	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Carbon disulfide	ND	D03	4.0	0.78	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Carbon Tetrachloride	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Chlorobenzene	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Dibromochloromethane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Chloroethane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Chloroform	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Chloromethane	ND	D03	4.0	1.4	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
cis-1,3-Dichloropropene	ND	D03	4.0	1.4	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Ethylbenzene	ND	D03	4.0	0.74	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Methylene Chloride	ND	D03	4.0	1.8	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Styrene	ND	D03	4.0	0.74	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Tetrachloroethene	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Toluene	ND	D03	4.0	2.0	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
trans-1,3-Dichloropropene	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Trichloroethene	ND	D03	4.0	1.8	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Vinyl chloride	ND	D03	4.0	0.97	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
Xylenes, total	ND	D03	8.0	2.6	ug/L	4.00	09/11/09 01:25	TWS	9I10085	8260B
1,2-Dichloroethane-d4	104 %	D03	Surr Limits: (66-137%)				09/11/09 01:25	TWS	9I10085	8260B
4-Bromofluorobenzene	104 %	D03	Surr Limits: (73-120%)				09/11/09 01:25	TWS	9I10085	8260B
Toluene-d8	109 %	D03	Surr Limits: (71-126%)				09/11/09 01:25	TWS	9I10085	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.4	0.11	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND		9.4	0.13	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND		9.4	0.15	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND		4.7	0.93	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND		4.7	0.94	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,4-Dichlorophenol	ND		4.7	0.74	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,4-Dimethylphenol	ND		4.7	0.91	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,4-Dinitrophenol	ND		9.4	2.1	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	L	4.7	0.42	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND		4.7	0.48	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2-Chloronaphthalene	ND		4.7	0.079	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: DUP (RSI0296-04 - Ground Water) - cont.						Sampled: 09/08/09 10:40		Recvd: 09/08/09 14:10		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		4.7	0.48	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2-Methylnaphthalene	ND		4.7	0.077	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2-Methylphenol	ND		4.7	0.22	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2-Nitroaniline	ND		9.4	0.47	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2-Nitrophenol	ND		4.7	0.57	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.7	0.35	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
3-Nitroaniline	ND		9.4	1.5	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.7	0.85	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.7	0.56	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4-Chloroaniline	ND		4.7	0.31	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.7	0.16	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4-Methylphenol	ND		9.4	0.55	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4-Nitroaniline	ND		9.4	0.43	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
4-Nitrophenol	ND		9.4	1.4	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Acenaphthene	ND		4.7	0.11	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Acenaphthylene	ND		4.7	0.044	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Anthracene	ND		4.7	0.053	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.7	0.060	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.7	0.086	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.7	0.059	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.7	0.074	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.7	0.062	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.7	0.35	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.7	0.17	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.7	0.40	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.7	4.5	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.7	1.6	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Carbazole	ND		4.7	0.084	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Chrysene	ND		4.7	0.26	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.7	0.19	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Dibenzofuran	ND		4.7	0.092	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Diethyl phthalate	ND		4.7	0.10	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.7	0.28	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.7	0.28	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.7	0.23	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Fluoranthene	ND		4.7	0.093	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Fluorene	ND		4.7	0.070	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.7	0.42	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.7	2.4	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.7	2.4	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Hexachloroethane	ND		4.7	2.7	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.7	0.14	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Isophorone	ND		4.7	0.30	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Naphthalene	ND		4.7	0.11	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C

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10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: DUP (RSI0296-04 - Ground Water) - cont.						Sampled: 09/08/09 10:40		Recvd: 09/08/09 14:10		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		4.7	0.51	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.7	0.43	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	4.7	0.25	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Pentachlorophenol	ND		9.4	4.8	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Phenanthrene	ND		4.7	0.11	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Phenol	ND		4.7	0.42	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
Pyrene	ND		4.7	0.064	ug/L	1.00	09/11/09 21:36	JLG	9I10037	8270C
2,4,6-Tribromophenol	104 %		Surr Limits: (52-132%)				09/11/09 21:36	JLG	9I10037	8270C
2-Fluorobiphenyl	88 %		Surr Limits: (48-120%)				09/11/09 21:36	JLG	9I10037	8270C
2-Fluorophenol	36 %		Surr Limits: (20-120%)				09/11/09 21:36	JLG	9I10037	8270C
Nitrobenzene-d5	89 %		Surr Limits: (46-120%)				09/11/09 21:36	JLG	9I10037	8270C
Phenol-d5	29 %		Surr Limits: (16-120%)				09/11/09 21:36	JLG	9I10037	8270C
p-Terphenyl-d14	50 %		Surr Limits: (24-136%)				09/11/09 21:36	JLG	9I10037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:19	SCH	9I11040	8082
Aroclor 1221	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:19	SCH	9I11040	8082
Aroclor 1232	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:19	SCH	9I11040	8082
Aroclor 1242	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:19	SCH	9I11040	8082
Aroclor 1248	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:19	SCH	9I11040	8082
Aroclor 1254	ND	QSU	0.48	0.24	ug/L	1.00	09/16/09 09:19	SCH	9I11040	8082
Aroclor 1260	ND	QSU	0.48	0.24	ug/L	1.00	09/16/09 09:19	SCH	9I11040	8082
Decachlorobiphenyl	67 %	QSU	Surr Limits: (12-137%)				09/16/09 09:19	SCH	9I11040	8082
Tetrachloro-m-xylene	72 %	QSU	Surr Limits: (35-121%)				09/16/09 09:19	SCH	9I11040	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: FIELD BLANK (RSI0296-06 - Water)						Sampled: 09/08/09 13:36		Recvd: 09/08/09 14:10		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Acetone	3.7	J	5.0	1.3	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
e										
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 02:11	TWS	9I10085	8260B
1,2-Dichloroethane-d4	101 %		Surr Limits: (66-137%)				09/11/09 02:11	TWS	9I10085	8260B
4-Bromofluorobenzene	102 %		Surr Limits: (73-120%)				09/11/09 02:11	TWS	9I10085	8260B
Toluene-d8	110 %		Surr Limits: (71-126%)				09/11/09 02:11	TWS	9I10085	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.9	0.11	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND		9.9	0.14	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND		9.9	0.13	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND		9.9	0.15	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND		5.0	0.98	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND		5.0	0.98	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,4-Dichlorophenol	ND		5.0	0.78	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,4-Dimethylphenol	ND		5.0	0.95	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,4-Dinitrophenol	ND		9.9	2.2	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	L	5.0	0.44	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND		5.0	0.50	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2-Chloronaphthalene	ND		5.0	0.083	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: FIELD BLANK (RSI0296-06 - Water) - cont.						Sampled: 09/08/09 13:36		Recvd: 09/08/09 14:10		
<u>Semivolatiles by GC/MS - cont.</u>										
2-Chlorophenol	ND		5.0	0.50	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2-Methylnaphthalene	ND		5.0	0.081	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2-Methylphenol	ND		5.0	0.23	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2-Nitroaniline	ND		9.9	0.49	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2-Nitrophenol	ND		5.0	0.60	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
3-Nitroaniline	ND		9.9	1.5	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.9	2.3	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		5.0	0.89	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		5.0	0.59	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4-Chloroaniline	ND		5.0	0.33	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		5.0	0.17	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4-Methylphenol	ND		9.9	0.57	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4-Nitroaniline	ND		9.9	0.45	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
4-Nitrophenol	ND		9.9	1.5	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Acenaphthene	ND		5.0	0.11	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Acenaphthylene	ND		5.0	0.047	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Anthracene	ND		5.0	0.055	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Benzo[a]anthracene	ND		5.0	0.063	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Benzo[a]pyrene	ND		5.0	0.090	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		5.0	0.077	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		5.0	0.065	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		5.0	0.37	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		5.0	0.18	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		5.0	0.42	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		5.0	4.7	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		5.0	1.7	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Carbazole	ND		5.0	0.088	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Chrysene	ND		5.0	0.27	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		5.0	0.20	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Dibenzofuran	ND		5.0	0.097	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Diethyl phthalate	ND		5.0	0.11	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Dimethyl phthalate	ND		5.0	0.30	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		5.0	0.30	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		5.0	0.24	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Fluoranthene	ND		5.0	0.097	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Fluorene	ND		5.0	0.073	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Hexachlorobenzene	ND		5.0	0.44	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Hexachlorobutadiene	ND		5.0	2.6	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		5.0	2.5	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Hexachloroethane	ND		5.0	2.8	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		5.0	0.15	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Isophorone	ND		5.0	0.32	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Naphthalene	ND		5.0	0.11	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: FIELD BLANK (RSI0296-06 - Water) - cont.						Sampled: 09/08/09 13:36		Recvd: 09/08/09 14:10		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		5.0	0.53	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		5.0	0.45	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	5.0	0.26	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Pentachlorophenol	ND		9.9	5.1	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Phenanthrene	ND		5.0	0.11	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Phenol	ND		5.0	0.44	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
Pyrene	ND		5.0	0.068	ug/L	1.00	09/11/09 22:25	JLG	9I10037	8270C
2,4,6-Tribromophenol	102 %		Surr Limits: (52-132%)				09/11/09 22:25	JLG	9I10037	8270C
2-Fluorobiphenyl	96 %		Surr Limits: (48-120%)				09/11/09 22:25	JLG	9I10037	8270C
2-Fluorophenol	42 %		Surr Limits: (20-120%)				09/11/09 22:25	JLG	9I10037	8270C
Nitrobenzene-d5	98 %		Surr Limits: (46-120%)				09/11/09 22:25	JLG	9I10037	8270C
Phenol-d5	31 %		Surr Limits: (16-120%)				09/11/09 22:25	JLG	9I10037	8270C
p-Terphenyl-d14	87 %		Surr Limits: (24-136%)				09/11/09 22:25	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDD [2C]	ND		0.049	0.016	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
4,4'-DDE [2C]	ND		0.049	0.011	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
4,4'-DDT [2C]	ND		0.049	0.011	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Aldrin [2C]	ND		0.049	0.0065	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
alpha-BHC [2C]	ND		0.049	0.0065	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
alpha-Chlordane [2C]	ND		0.049	0.015	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
beta-BHC [2C]	ND		0.049	0.024	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Chlordane [2C]	ND		0.49	0.028	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
delta-BHC [2C]	ND		0.049	0.0099	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Dieldrin [2C]	ND		0.049	0.019	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Endosulfan I [2C]	ND		0.049	0.011	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Endosulfan II [2C]	ND		0.049	0.012	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Endosulfan sulfate [2C]	ND		0.049	0.015	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Endrin [2C]	ND		0.049	0.014	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Endrin aldehyde [2C]	ND		0.049	0.016	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Endrin ketone [2C]	ND		0.049	0.012	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
gamma-BHC (Lindane) [2C]	ND		0.049	0.0059	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
gamma-Chlordane [2C]	ND		0.049	0.011	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Heptachlor [2C]	ND		0.049	0.0083	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Heptachlor epoxide [2C]	ND		0.049	0.0052	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Methoxychlor [2C]	ND		0.049	0.014	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Toxaphene [2C]	ND		0.49	0.12	ug/L	1.00	09/15/09 17:32	tch	9I11039	8081A
Decachlorobiphenyl [2C]	73 %		Surr Limits: (15-139%)				09/15/09 17:32	tch	9I11039	8081A
Tetrachloro-m-xylene [2C]	54 %		Surr Limits: (30-139%)				09/15/09 17:32	tch	9I11039	8081A

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.49	0.17	ug/L	1.00	09/16/09 09:48	SCH	9I11040	8082
Aroclor 1221	ND		0.49	0.17	ug/L	1.00	09/16/09 09:48	SCH	9I11040	8082
Aroclor 1232	ND		0.49	0.17	ug/L	1.00	09/16/09 09:48	SCH	9I11040	8082
Aroclor 1242	ND		0.49	0.17	ug/L	1.00	09/16/09 09:48	SCH	9I11040	8082
Aroclor 1248	ND		0.49	0.17	ug/L	1.00	09/16/09 09:48	SCH	9I11040	8082
Aroclor 1254	ND		0.49	0.25	ug/L	1.00	09/16/09 09:48	SCH	9I11040	8082

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: FIELD BLANK (RSI0296-06 - Water) - cont.						Sampled: 09/08/09 13:36		Recvd: 09/08/09 14:10		

Polychlorinated Biphenyls by EPA Method 8082 - cont.

Aroclor 1260	ND		0.49	0.25	ug/L	1.00	09/16/09 09:48	SCH	9I11040	8082
Decachlorobiphenyl	68 %		Surr Limits: (12-137%)				09/16/09 09:48	SCH	9I11040	8082
Tetrachloro-m-xylene	58 %		Surr Limits: (35-121%)				09/16/09 09:48	SCH	9I11040	8082

Total Metals by SW 846 Series Methods

Aluminum	ND		0.200	0.040	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Antimony	ND		0.0200	0.0055	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Arsenic	ND		0.0100	0.0056	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Barium	0.0086		0.0020	0.0003	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Beryllium	ND		0.0020	0.0002	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Cadmium	ND		0.0010	0.0003	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Calcium	6.3	B	0.5	0.1	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Chromium	ND		0.0040	0.0009	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Cobalt	ND		0.0040	0.0005	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Copper	0.0028	J	0.0100	0.0013	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Iron	ND		0.050	0.019	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Lead	ND		0.0050	0.0029	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Magnesium	0.853		0.200	0.043	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Manganese	0.0011	J	0.0030	0.0002	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Nickel	0.0014	J	0.0100	0.0013	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Potassium	0.289	J	0.500	0.050	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Selenium	ND		0.0150	0.0087	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Silver	ND		0.0030	0.0012	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Sodium	1.1		1.0	0.3	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Thallium	ND		0.0200	0.0077	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Vanadium	ND		0.0050	0.0011	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Zinc	0.0022	J	0.0100	0.0015	mg/L	1.00	09/11/09 22:58	DAN	9I10056	6010B
Mercury	ND		0.0002	0.0001	mg/L	1.00	09/11/09 13:17	MLD	9I10075	7470A

General Chemistry Parameters

Total Cyanide	ND		0.0100	0.0050	mg/L	1.00	09/15/09 09:41	jmm	9I14094	9012A
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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-1 (RSI0359-01 - Ground Water)						Sampled: 09/10/09 08:56		Recvd: 09/10/09 11:10		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 16:56	LH	9I11028	8260B
1,2-Dichloroethane-d4	102 %		Surr Limits: (66-137%)				09/11/09 16:56	LH	9I11028	8260B
4-Bromofluorobenzene	99 %		Surr Limits: (73-120%)				09/11/09 16:56	LH	9I11028	8260B
Toluene-d8	109 %		Surr Limits: (71-126%)				09/11/09 16:56	LH	9I11028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		10	0.11	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
1,2-Dichlorobenzene	ND		10	0.14	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
1,3-Dichlorobenzene	ND		10	0.14	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
1,4-Dichlorobenzene	ND		10	0.15	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2,4,5-Trichlorophenol	ND		5.0	0.98	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2,4,6-Trichlorophenol	ND		5.0	0.99	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2,4-Dichlorophenol	ND		5.0	0.78	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2,4-Dimethylphenol	ND		5.0	0.96	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2,4-Dinitrophenol	ND		10	2.2	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2,6-Dinitrotoluene	ND		5.0	0.51	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2-Chloronaphthalene	ND		5.0	0.084	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C

TestAmerica Buffalo

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-1 (RSI0359-01 - Ground Water) - cont.						Sampled: 09/10/09 08:56		Recvd: 09/10/09 11:10		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		5.0	0.50	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2-Methylnaphthalene	ND		5.0	0.082	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2-Methylphenol	ND		5.0	0.23	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2-Nitroaniline	ND		10	0.50	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
2-Nitrophenol	ND		5.0	0.60	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
3-Nitroaniline	ND		10	1.5	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4-Bromophenyl phenyl ether	ND		5.0	0.90	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4-Chloro-3-methylphenol	ND		5.0	0.59	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4-Chloroaniline	ND		5.0	0.33	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4-Chlorophenyl phenyl ether	ND		5.0	0.17	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4-Methylphenol	ND		10	0.58	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4-Nitroaniline	ND		10	0.45	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
4-Nitrophenol	ND		10	1.5	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Acenaphthene	ND		5.0	0.11	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Acenaphthylene	ND		5.0	0.047	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Anthracene	ND		5.0	0.056	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Benzo[a]anthracene	ND		5.0	0.064	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Benzo[a]pyrene	ND		5.0	0.091	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Benzo[b]fluoranthene	ND		5.0	0.063	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Benzo[g,h,i]perylene	ND		5.0	0.078	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Benzo[k]fluoranthene	ND		5.0	0.066	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Bis(2-chloroethoxy)methane	ND		5.0	0.37	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Bis(2-chloroethyl)ether	ND		5.0	0.18	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Bis(2-chloroisopropyl) ether	ND		5.0	0.42	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Bis(2-ethylhexyl) phthalate	ND		5.0	4.7	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Butyl benzyl phthalate	ND		5.0	1.7	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Carbazole	ND		5.0	0.089	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Chrysene	ND		5.0	0.27	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Dibenz[a,h]anthracene	ND		5.0	0.20	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Dibenzofuran	ND		5.0	0.098	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Diethyl phthalate	ND		5.0	0.11	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Dimethyl phthalate	ND		5.0	0.30	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Di-n-butyl phthalate	0.49	J	5.0	0.30	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Di-n-octyl phthalate	ND		5.0	0.24	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Fluoranthene	ND		5.0	0.098	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Fluorene	ND		5.0	0.074	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Hexachlorobenzene	ND		5.0	0.44	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Hexachlorobutadiene	ND		5.0	2.6	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Hexachlorocyclopentadiene	ND		5.0	2.5	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Hexachloroethane	ND		5.0	2.8	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Indeno[1,2,3-cd]pyrene	ND		5.0	0.15	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Isophorone	ND		5.0	0.32	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Naphthalene	ND		5.0	0.12	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Client ID: MW-1 (RSI0359-01 - Ground Water) - cont.

Sampled: 09/10/09 08:56

Recvd: 09/10/09 11:10

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		5.0	0.54	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
N-Nitrosodi-n-propylamine	ND		5.0	0.45	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
N-Nitrosodiphenylamine	ND		5.0	0.26	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Pentachlorophenol	ND		10	5.1	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Phenanthrene	ND		5.0	0.11	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Phenol	ND		5.0	0.44	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C
Pyrene	ND		5.0	0.068	ug/L	1.00	09/30/09 17:02	MKP	9I10100	8270C

2,4,6-Tribromophenol	112 %		Surr Limits: (52-132%)				09/30/09 17:02	MKP	9I10100	8270C
2-Fluorobiphenyl	84 %		Surr Limits: (48-120%)				09/30/09 17:02	MKP	9I10100	8270C
2-Fluorophenol	41 %		Surr Limits: (20-120%)				09/30/09 17:02	MKP	9I10100	8270C
Nitrobenzene-d5	84 %		Surr Limits: (46-120%)				09/30/09 17:02	MKP	9I10100	8270C
Phenol-d5	31 %		Surr Limits: (16-120%)				09/30/09 17:02	MKP	9I10100	8270C
p-Terphenyl-d14	64 %		Surr Limits: (24-136%)				09/30/09 17:02	MKP	9I10100	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.48	0.17	ug/L	1.00	09/16/09 13:13	SCH	9I14004	8082
Aroclor 1221	ND		0.48	0.17	ug/L	1.00	09/16/09 13:13	SCH	9I14004	8082
Aroclor 1232	ND		0.48	0.17	ug/L	1.00	09/16/09 13:13	SCH	9I14004	8082
Aroclor 1242	ND		0.48	0.17	ug/L	1.00	09/16/09 13:13	SCH	9I14004	8082
Aroclor 1248	ND		0.48	0.17	ug/L	1.00	09/16/09 13:13	SCH	9I14004	8082
Aroclor 1254	ND		0.48	0.24	ug/L	1.00	09/16/09 13:13	SCH	9I14004	8082
Aroclor 1260	ND		0.48	0.24	ug/L	1.00	09/16/09 13:13	SCH	9I14004	8082
Decachlorobiphenyl	44 %		Surr Limits: (12-137%)				09/16/09 13:13	SCH	9I14004	8082
Tetrachloro-m-xylene	61 %		Surr Limits: (35-121%)				09/16/09 13:13	SCH	9I14004	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-2 (RSI0312-07 - Ground Water)					Sampled: 09/09/09 15:27			Recvd: 09/09/09 16:00		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 14:14	LH	9I11028	8260B

1,2-Dichloroethane-d4	103 %	Surr Limits: (66-137%)	09/11/09 14:14	LH	9I11028	8260B
4-Bromofluorobenzene	99 %	Surr Limits: (73-120%)	09/11/09 14:14	LH	9I11028	8260B
Toluene-d8	108 %	Surr Limits: (71-126%)	09/11/09 14:14	LH	9I11028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.8	0.11	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND		9.8	0.14	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND		9.8	0.13	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND		9.8	0.15	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,4-Dichlorophenol	ND		4.9	0.77	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,4-Dimethylphenol	ND		4.9	0.94	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	L	4.9	0.44	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND		4.9	0.50	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2-Chloronaphthalene	ND		4.9	0.082	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C

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10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-2 (RSI0312-07 - Ground Water) - cont.						Sampled: 09/09/09 15:27		Recvd: 09/09/09 16:00		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		4.9	0.50	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2-Methylnaphthalene	ND		4.9	0.080	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2-Methylphenol	ND		4.9	0.22	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2-Nitroaniline	ND		9.8	0.49	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2-Nitrophenol	ND		4.9	0.59	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.37	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
3-Nitroaniline	ND		9.8	1.5	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.88	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.9	0.58	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4-Chloroaniline	ND		4.9	0.32	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.16	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4-Methylphenol	ND		9.8	0.57	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4-Nitroaniline	ND		9.8	0.45	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Acenaphthene	ND		4.9	0.11	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Acenaphthylene	ND		4.9	0.046	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Anthracene	ND		4.9	0.055	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.9	0.063	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.9	0.089	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.9	0.062	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.9	0.076	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.9	0.065	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.37	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.18	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.9	0.42	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.9	4.7	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.9	1.7	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Carbazole	ND		4.9	0.087	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Chrysene	ND		4.9	0.27	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.9	0.20	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Dibenzofuran	ND		4.9	0.096	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Diethyl phthalate	ND		4.9	0.11	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.9	0.24	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Fluoranthene	ND		4.9	0.096	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Fluorene	ND		4.9	0.073	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.9	0.44	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.9	2.5	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.9	2.5	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Hexachloroethane	ND		4.9	2.8	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.9	0.15	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Isophorone	ND		4.9	0.31	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Naphthalene	ND		4.9	0.11	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-2 (RSI0312-07 - Ground Water) - cont.						Sampled: 09/09/09 15:27		Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		4.9	0.53	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.44	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	4.9	0.25	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Pentachlorophenol	ND		9.8	5.0	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Phenanthrene	ND		4.9	0.11	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Phenol	ND		4.9	0.44	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
Pyrene	ND		4.9	0.067	ug/L	1.00	09/12/09 01:18	JLG	9I10037	8270C
2,4,6-Tribromophenol	98 %		Surr Limits: (52-132%)				09/12/09 01:18	JLG	9I10037	8270C
2-Fluorobiphenyl	91 %		Surr Limits: (48-120%)				09/12/09 01:18	JLG	9I10037	8270C
2-Fluorophenol	46 %		Surr Limits: (20-120%)				09/12/09 01:18	JLG	9I10037	8270C
Nitrobenzene-d5	97 %		Surr Limits: (46-120%)				09/12/09 01:18	JLG	9I10037	8270C
Phenol-d5	34 %		Surr Limits: (16-120%)				09/12/09 01:18	JLG	9I10037	8270C
p-Terphenyl-d14	69 %		Surr Limits: (24-136%)				09/12/09 01:18	JLG	9I10037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.50	0.17	ug/L	1.00	09/15/09 03:16	JxM	9I11040	8082
Aroclor 1221	ND		0.50	0.17	ug/L	1.00	09/15/09 03:16	JxM	9I11040	8082
Aroclor 1232	ND		0.50	0.17	ug/L	1.00	09/15/09 03:16	JxM	9I11040	8082
Aroclor 1242	ND		0.50	0.17	ug/L	1.00	09/15/09 03:16	JxM	9I11040	8082
Aroclor 1248	ND		0.50	0.17	ug/L	1.00	09/15/09 03:16	JxM	9I11040	8082
Aroclor 1254	ND		0.50	0.25	ug/L	1.00	09/15/09 03:16	JxM	9I11040	8082
Aroclor 1260	ND		0.50	0.25	ug/L	1.00	09/15/09 03:16	JxM	9I11040	8082
Decachlorobiphenyl	63 %		Surr Limits: (12-137%)				09/15/09 03:16	JxM	9I11040	8082
Tetrachloro-m-xylene	68 %		Surr Limits: (35-121%)				09/15/09 03:16	JxM	9I11040	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-3 (RSI0359-04 - Ground Water)						Sampled: 09/10/09 09:45		Recvd: 09/10/09 11:10		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,1,2,2-Tetrachloroethane	ND	D03	4.0	0.85	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,1,2-Trichloroethane	ND	D03	4.0	0.92	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,1-Dichloroethane	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,1-Dichloroethene	ND	D03	4.0	1.2	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,2-Dichloroethane	ND	D03	4.0	0.86	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,2-Dichloroethene, Total	ND	D03	8.0	2.8	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,2-Dichloropropane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
2-Butanone	ND	D03	20	5.3	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
2-Hexanone	ND	D03	20	5.0	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
4-Methyl-2-pentanone	ND	D03	20	3.6	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Acetone	ND	D03	20	5.4	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Benzene	ND	D03	4.0	1.6	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Bromodichloromethane	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Bromoform	ND	D03	4.0	1.0	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Bromomethane	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Carbon disulfide	ND	D03	4.0	0.78	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Carbon Tetrachloride	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Chlorobenzene	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Dibromochloromethane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Chloroethane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Chloroform	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Chloromethane	ND	D03	4.0	1.4	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
cis-1,3-Dichloropropene	ND	D03	4.0	1.4	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Ethylbenzene	ND	D03	4.0	0.74	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Methylene Chloride	ND	D03	4.0	1.8	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Styrene	ND	D03	4.0	0.74	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Tetrachloroethene	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Toluene	ND	D03	4.0	2.0	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
trans-1,3-Dichloropropene	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Trichloroethene	ND	D03	4.0	1.8	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Vinyl chloride	ND	D03	4.0	0.97	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
Xylenes, total	ND	D03	8.0	2.6	ug/L	4.00	09/11/09 18:05	LH	9I11028	8260B
1,2-Dichloroethane-d4	103 %	D03	Surr Limits: (66-137%)				09/11/09 18:05	LH	9I11028	8260B
4-Bromofluorobenzene	98 %	D03	Surr Limits: (73-120%)				09/11/09 18:05	LH	9I11028	8260B
Toluene-d8	107 %	D03	Surr Limits: (71-126%)				09/11/09 18:05	LH	9I11028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND	11	0.12	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
1,2-Dichlorobenzene	ND	11	0.16	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
1,3-Dichlorobenzene	ND	11	0.15	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
1,4-Dichlorobenzene	ND	11	0.17	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,4,5-Trichlorophenol	ND	5.6	1.1	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,4,6-Trichlorophenol	ND	5.6	1.1	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,4-Dichlorophenol	ND	5.6	0.87	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,4-Dimethylphenol	ND	5.6	1.1	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,4-Dinitrophenol	ND	11	2.5	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,4-Dinitrotoluene	ND	5.6	0.50	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,6-Dinitrotoluene	ND	5.6	0.57	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2-Chloronaphthalene	ND	5.6	0.093	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-3 (RSI0359-04 - Ground Water) - cont.						Sampled: 09/10/09 09:45		Recvd: 09/10/09 11:10		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		5.6	0.56	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2-Methylnaphthalene	ND		5.6	0.091	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2-Methylphenol	ND		5.6	0.25	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2-Nitroaniline	ND		11	0.55	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2-Nitrophenol	ND		5.6	0.67	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
3,3'-Dichlorobenzidine	ND		5.6	0.42	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
3-Nitroaniline	ND		11	1.7	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4,6-Dinitro-2-methylphenol	ND		11	2.5	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4-Bromophenyl phenyl ether	ND		5.6	1.0	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4-Chloro-3-methylphenol	ND		5.6	0.66	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4-Chloroaniline	ND		5.6	0.37	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4-Chlorophenyl phenyl ether	ND		5.6	0.19	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4-Methylphenol	ND		11	0.64	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4-Nitroaniline	ND		11	0.51	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
4-Nitrophenol	ND		11	1.7	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Acenaphthene	ND		5.6	0.12	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Acenaphthylene	ND		5.6	0.052	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Anthracene	ND		5.6	0.062	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Benzo[a]anthracene	ND		5.6	0.071	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Benzo[a]pyrene	ND		5.6	0.10	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Benzo[b]fluoranthene	ND		5.6	0.070	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Benzo[g,h,i]perylene	ND		5.6	0.087	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Benzo[k]fluoranthene	ND		5.6	0.073	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Bis(2-chloroethoxy)methane	ND		5.6	0.42	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Bis(2-chloroethyl)ether	ND		5.6	0.20	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Bis(2-chloroisopropyl) ether	ND		5.6	0.47	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Bis(2-ethylhexyl) phthalate	ND		5.6	5.3	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Butyl benzyl phthalate	ND		5.6	1.9	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Carbazole	ND		5.6	0.099	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Chrysene	ND		5.6	0.30	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Dibenz[a,h]anthracene	ND		5.6	0.22	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Dibenzofuran	ND		5.6	0.11	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Diethyl phthalate	ND		5.6	0.12	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Dimethyl phthalate	ND		5.6	0.33	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Di-n-butyl phthalate	0.39	J	5.6	0.33	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Di-n-octyl phthalate	ND		5.6	0.27	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Fluoranthene	ND		5.6	0.11	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Fluorene	ND		5.6	0.082	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Hexachlorobenzene	ND		5.6	0.49	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Hexachlorobutadiene	ND		5.6	2.9	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Hexachlorocyclopentadiene	ND		5.6	2.8	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Hexachloroethane	ND		5.6	3.1	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Indeno[1,2,3-cd]pyrene	ND		5.6	0.17	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Isophorone	ND		5.6	0.36	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Naphthalene	ND		5.6	0.13	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-3 (RSI0359-04 - Ground Water) - cont.						Sampled: 09/10/09 09:45		Recvd: 09/10/09 11:10		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		5.6	0.60	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
N-Nitrosodi-n-propylamine	ND		5.6	0.50	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
N-Nitrosodiphenylamine	ND		5.6	0.29	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Pentachlorophenol	ND		11	5.7	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Phenanthrene	ND		5.6	0.13	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Phenol	ND		5.6	0.50	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
Pyrene	ND		5.6	0.076	ug/L	1.00	09/30/09 18:11	MKP	9I10100	8270C
2,4,6-Tribromophenol	108 %		Surr Limits: (52-132%)				09/30/09 18:11	MKP	9I10100	8270C
2-Fluorobiphenyl	77 %		Surr Limits: (48-120%)				09/30/09 18:11	MKP	9I10100	8270C
2-Fluorophenol	37 %		Surr Limits: (20-120%)				09/30/09 18:11	MKP	9I10100	8270C
Nitrobenzene-d5	72 %		Surr Limits: (46-120%)				09/30/09 18:11	MKP	9I10100	8270C
Phenol-d5	29 %		Surr Limits: (16-120%)				09/30/09 18:11	MKP	9I10100	8270C
p-Terphenyl-d14	71 %		Surr Limits: (24-136%)				09/30/09 18:11	MKP	9I10100	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.51	0.18	ug/L	1.00	09/16/09 13:58	SCH	9I14004	8082
Aroclor 1221	ND		0.51	0.18	ug/L	1.00	09/16/09 13:58	SCH	9I14004	8082
Aroclor 1232	ND		0.51	0.18	ug/L	1.00	09/16/09 13:58	SCH	9I14004	8082
Aroclor 1242	ND		0.51	0.18	ug/L	1.00	09/16/09 13:58	SCH	9I14004	8082
Aroclor 1248	ND		0.51	0.18	ug/L	1.00	09/16/09 13:58	SCH	9I14004	8082
Aroclor 1254	ND		0.51	0.26	ug/L	1.00	09/16/09 13:58	SCH	9I14004	8082
Aroclor 1260	ND		0.51	0.26	ug/L	1.00	09/16/09 13:58	SCH	9I14004	8082
Decachlorobiphenyl	50 %		Surr Limits: (12-137%)				09/16/09 13:58	SCH	9I14004	8082
Tetrachloro-m-xylene	63 %		Surr Limits: (35-121%)				09/16/09 13:58	SCH	9I14004	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-4 (RSI0359-03 - Ground Water)					Sampled: 09/10/09 09:35			Recvd: 09/10/09 11:10		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 17:42	LH	9111028	8260B

1,2-Dichloroethane-d4	104 %	Surr Limits: (66-137%)	09/11/09 17:42	LH	9111028	8260B
4-Bromofluorobenzene	96 %	Surr Limits: (73-120%)	09/11/09 17:42	LH	9111028	8260B
Toluene-d8	107 %	Surr Limits: (71-126%)	09/11/09 17:42	LH	9111028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		10	0.12	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
1,2-Dichlorobenzene	ND		10	0.15	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
1,3-Dichlorobenzene	ND		10	0.14	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
1,4-Dichlorobenzene	ND		10	0.16	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,4,5-Trichlorophenol	ND		5.2	1.0	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,4,6-Trichlorophenol	ND		5.2	1.0	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,4-Dichlorophenol	ND		5.2	0.82	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,4-Dimethylphenol	ND		5.2	1.0	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,4-Dinitrophenol	ND		10	2.3	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,6-Dinitrotoluene	ND		5.2	0.53	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2-Chloronaphthalene	ND		5.2	0.088	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-4 (RSI0359-03 - Ground Water) - cont.						Sampled: 09/10/09 09:35		Recvd: 09/10/09 11:10		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		5.2	0.53	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
2-Methylnaphthalene	ND		5.2	0.085	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
2-Methylphenol	ND		5.2	0.24	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
2-Nitroaniline	ND		10	0.52	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
2-Nitrophenol	ND		5.2	0.63	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
3,3'-Dichlorobenzidine	ND		5.2	0.39	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
3-Nitroaniline	ND		10	1.6	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4,6-Dinitro-2-methylphenol	ND		10	2.4	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4-Bromophenyl phenyl ether	ND		5.2	0.94	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4-Chloro-3-methylphenol	ND		5.2	0.62	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4-Chloroaniline	ND		5.2	0.34	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4-Chlorophenyl phenyl ether	ND		5.2	0.17	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4-Methylphenol	ND		10	0.60	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4-Nitroaniline	ND		10	0.47	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
4-Nitrophenol	ND		10	1.6	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Acenaphthene	ND		5.2	0.12	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Acenaphthylene	ND		5.2	0.049	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Anthracene	ND		5.2	0.058	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Benzo[a]anthracene	ND		5.2	0.067	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Benzo[a]pyrene	ND		5.2	0.095	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Benzo[b]fluoranthene	ND		5.2	0.066	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Benzo[g,h,i]perylene	ND		5.2	0.081	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Benzo[k]fluoranthene	ND		5.2	0.069	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Bis(2-chloroethoxy)methane	ND		5.2	0.39	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Bis(2-chloroethyl)ether	ND		5.2	0.19	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Bis(2-chloroisopropyl) ether	ND		5.2	0.44	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Bis(2-ethylhexyl) phthalate	ND		5.2	5.0	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Butyl benzyl phthalate	ND		5.2	1.8	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Carbazole	ND		5.2	0.093	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Chrysene	ND		5.2	0.28	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Dibenz[a,h]anthracene	ND		5.2	0.21	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Dibenzofuran	ND		5.2	0.10	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Diethyl phthalate	ND		5.2	0.11	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Dimethyl phthalate	ND		5.2	0.31	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Di-n-butyl phthalate	0.79	J	5.2	0.31	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Di-n-octyl phthalate	ND		5.2	0.25	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Fluoranthene	ND		5.2	0.10	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Fluorene	ND		5.2	0.077	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Hexachlorobenzene	ND		5.2	0.46	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Hexachlorobutadiene	ND		5.2	2.7	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Hexachlorocyclopentadiene	ND		5.2	2.6	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Hexachloroethane	ND		5.2	2.9	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Indeno[1,2,3-cd]pyrene	ND		5.2	0.16	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Isophorone	ND		5.2	0.33	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C
Naphthalene	ND		5.2	0.12	ug/L	1.00	09/30/09 17:48	MKP	9I10100	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-4 (RSI0359-03 - Ground Water) - cont.						Sampled: 09/10/09 09:35		Recvd: 09/10/09 11:10		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		5.2	0.56	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
N-Nitrosodi-n-propylamine	ND		5.2	0.47	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
N-Nitrosodiphenylamine	ND		5.2	0.27	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
Pentachlorophenol	ND		10	5.4	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
Phenanthrene	ND		5.2	0.12	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
Phenol	ND		5.2	0.46	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
Pyrene	ND		5.2	0.071	ug/L	1.00	09/30/09 17:48	MKP	9110100	8270C
2,4,6-Tribromophenol	96 %		Surr Limits: (52-132%)				09/30/09 17:48	MKP	9110100	8270C
2-Fluorobiphenyl	73 %		Surr Limits: (48-120%)				09/30/09 17:48	MKP	9110100	8270C
2-Fluorophenol	36 %		Surr Limits: (20-120%)				09/30/09 17:48	MKP	9110100	8270C
Nitrobenzene-d5	71 %		Surr Limits: (46-120%)				09/30/09 17:48	MKP	9110100	8270C
Phenol-d5	28 %		Surr Limits: (16-120%)				09/30/09 17:48	MKP	9110100	8270C
p-Terphenyl-d14	51 %		Surr Limits: (24-136%)				09/30/09 17:48	MKP	9110100	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.50	0.18	ug/L	1.00	09/16/09 13:43	SCH	9114004	8082
Aroclor 1221	ND		0.50	0.18	ug/L	1.00	09/16/09 13:43	SCH	9114004	8082
Aroclor 1232	ND		0.50	0.18	ug/L	1.00	09/16/09 13:43	SCH	9114004	8082
Aroclor 1242	ND		0.50	0.18	ug/L	1.00	09/16/09 13:43	SCH	9114004	8082
Aroclor 1248	0.51		0.50	0.18	ug/L	1.00	09/16/09 13:43	SCH	9114004	8082
Aroclor 1254	ND		0.50	0.25	ug/L	1.00	09/16/09 13:43	SCH	9114004	8082
Aroclor 1260	ND		0.50	0.25	ug/L	1.00	09/16/09 13:43	SCH	9114004	8082
Decachlorobiphenyl	53 %		Surr Limits: (12-137%)				09/16/09 13:43	SCH	9114004	8082
Tetrachloro-m-xylene	52 %		Surr Limits: (35-121%)				09/16/09 13:43	SCH	9114004	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-5 (RSI0359-02 - Ground Water)					Sampled: 09/10/09 09:25			Recvd: 09/10/09 11:10		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND	D03	5.0	1.3	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
1,1,2,2-Tetrachloroethane	ND	D03	5.0	1.1	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
1,1,2-Trichloroethane	ND	D03	5.0	1.2	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
1,1-Dichloroethane	ND	D03	5.0	1.9	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
1,1-Dichloroethene	ND	D03	5.0	1.5	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
1,2-Dichloroethane	ND	D03	5.0	1.1	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
1,2-Dichloroethene, Total	ND	D03	10	3.5	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
1,2-Dichloropropane	ND	D03	5.0	1.6	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
2-Butanone	ND	D03	25	6.6	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
2-Hexanone	ND	D03	25	6.2	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
4-Methyl-2-pentanone	ND	D03	25	4.5	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Acetone	ND	D03	25	6.7	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Benzene	76	D03	5.0	2.0	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Bromodichloromethane	ND	D03	5.0	1.9	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Bromoform	ND	D03	5.0	1.3	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Bromomethane	ND	D03	5.0	1.4	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Carbon disulfide	ND	D03	5.0	0.97	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Carbon Tetrachloride	ND	D03	5.0	1.3	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Chlorobenzene	ND	D03	5.0	1.6	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Dibromochloromethane	ND	D03	5.0	1.6	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Chloroethane	ND	D03	5.0	1.6	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Chloroform	ND	D03	5.0	1.7	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Chloromethane	ND	D03	5.0	1.7	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
cis-1,3-Dichloropropene	ND	D03	5.0	1.8	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Ethylbenzene	4.4	D03,J	5.0	0.92	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Methylene Chloride	ND	D03	5.0	2.2	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Styrene	ND	D03	5.0	0.92	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Tetrachloroethene	ND	D03	5.0	1.8	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Toluene	5.6	D03	5.0	2.6	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
trans-1,3-Dichloropropene	ND	D03	5.0	1.8	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Trichloroethene	ND	D03	5.0	2.3	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Vinyl chloride	ND	D03	5.0	1.2	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B
Xylenes, total	16	D03	10	3.3	ug/L	5.00	09/11/09 17:19	LH	9I11028	8260B

1,2-Dichloroethane-d4	104 %	D03	Surr Limits: (66-137%)			09/11/09 17:19	LH	9I11028	8260B
4-Bromofluorobenzene	101 %	D03	Surr Limits: (73-120%)			09/11/09 17:19	LH	9I11028	8260B
Toluene-d8	110 %	D03	Surr Limits: (71-126%)			09/11/09 17:19	LH	9I11028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		10	0.11	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
1,2-Dichlorobenzene	ND		10	0.14	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
1,3-Dichlorobenzene	ND		10	0.14	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
1,4-Dichlorobenzene	ND		10	0.16	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,4,5-Trichlorophenol	ND		5.0	0.99	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,4,6-Trichlorophenol	ND		5.0	0.99	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,4-Dichlorophenol	ND		5.0	0.79	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,4-Dimethylphenol	6.0		5.0	0.96	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,4-Dinitrophenol	ND		10	2.2	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,6-Dinitrotoluene	ND		5.0	0.51	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2-Chloronaphthalene	ND		5.0	0.084	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-5 (RSI0359-02 - Ground Water) - cont.						Sampled: 09/10/09 09:25		Recvd: 09/10/09 11:10		

Semivolatile Organics by GC/MS - cont.

2-Chlorophenol	ND		5.0	0.51	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2-Methylnaphthalene	ND		5.0	0.082	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2-Methylphenol	1.4	J	5.0	0.23	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2-Nitroaniline	ND		10	0.50	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2-Nitrophenol	ND		5.0	0.60	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
3-Nitroaniline	ND		10	1.5	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Bromophenyl phenyl ether	ND		5.0	0.90	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Chloro-3-methylphenol	ND		5.0	0.60	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Chloroaniline	ND		5.0	0.33	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Chlorophenyl phenyl ether	ND		5.0	0.17	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Methylphenol	1.6	J	10	0.58	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Nitroaniline	ND		10	0.46	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
4-Nitrophenol	ND		10	1.5	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Acenaphthene	ND		5.0	0.11	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Acenaphthylene	ND		5.0	0.047	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Anthracene	ND		5.0	0.056	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Benzo[a]anthracene	ND		5.0	0.064	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Benzo[a]pyrene	ND		5.0	0.091	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Benzo[b]fluoranthene	ND		5.0	0.063	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Benzo[g,h,i]perylene	ND		5.0	0.078	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Benzo[k]fluoranthene	ND		5.0	0.066	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Bis(2-chloroethoxy)methane	ND		5.0	0.38	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Bis(2-chloroethyl)ether	ND		5.0	0.18	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Bis(2-chloroisopropyl) ether	ND		5.0	0.42	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Bis(2-ethylhexyl) phthalate	ND		5.0	4.8	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Butyl benzyl phthalate	ND		5.0	1.7	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Carbazole	ND		5.0	0.089	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Chrysene	ND		5.0	0.27	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Dibenz[a,h]anthracene	ND		5.0	0.20	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Dibenzofuran	ND		5.0	0.098	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Diethyl phthalate	ND		5.0	0.11	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Dimethyl phthalate	ND		5.0	0.30	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Di-n-butyl phthalate	0.72	J	5.0	0.30	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Di-n-octyl phthalate	ND		5.0	0.24	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Fluoranthene	ND		5.0	0.098	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Fluorene	ND		5.0	0.074	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Hexachlorobenzene	ND		5.0	0.45	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Hexachlorobutadiene	ND		5.0	2.6	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Hexachlorocyclopentadiene	ND		5.0	2.5	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Hexachloroethane	ND		5.0	2.8	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Indeno[1,2,3-cd]pyrene	ND		5.0	0.15	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Isophorone	ND		5.0	0.32	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Naphthalene	23		5.0	0.12	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C

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10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-5 (RSI0359-02 - Ground Water) - cont.						Sampled: 09/10/09 09:25		Recvd: 09/10/09 11:10		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Nitrobenzene	ND		5.0	0.54	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
N-Nitrosodi-n-propylamine	ND		5.0	0.45	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
N-Nitrosodiphenylamine	ND		5.0	0.26	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Pentachlorophenol	ND		10	5.1	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Phenanthrene	ND		5.0	0.11	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Phenol	ND		5.0	0.45	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
Pyrene	ND		5.0	0.068	ug/L	1.00	09/30/09 17:25	MKP	9I10100	8270C
2,4,6-Tribromophenol	109 %		Surr Limits: (52-132%)				09/30/09 17:25	MKP	9I10100	8270C
2-Fluorobiphenyl	80 %		Surr Limits: (48-120%)				09/30/09 17:25	MKP	9I10100	8270C
2-Fluorophenol	39 %		Surr Limits: (20-120%)				09/30/09 17:25	MKP	9I10100	8270C
Nitrobenzene-d5	77 %		Surr Limits: (46-120%)				09/30/09 17:25	MKP	9I10100	8270C
Phenol-d5	29 %		Surr Limits: (16-120%)				09/30/09 17:25	MKP	9I10100	8270C
p-Terphenyl-d14	66 %		Surr Limits: (24-136%)				09/30/09 17:25	MKP	9I10100	8270C
<u>Polychlorinated Biphenyls by EPA Method 8082</u>										
Aroclor 1016	ND		0.50	0.18	ug/L	1.00	09/16/09 13:28	SCH	9I14004	8082
Aroclor 1221	ND		0.50	0.18	ug/L	1.00	09/16/09 13:28	SCH	9I14004	8082
Aroclor 1232	ND		0.50	0.18	ug/L	1.00	09/16/09 13:28	SCH	9I14004	8082
Aroclor 1242	ND		0.50	0.18	ug/L	1.00	09/16/09 13:28	SCH	9I14004	8082
Aroclor 1248	ND		0.50	0.18	ug/L	1.00	09/16/09 13:28	SCH	9I14004	8082
Aroclor 1254	ND		0.50	0.25	ug/L	1.00	09/16/09 13:28	SCH	9I14004	8082
Aroclor 1260	ND		0.50	0.25	ug/L	1.00	09/16/09 13:28	SCH	9I14004	8082
Decachlorobiphenyl	53 %		Surr Limits: (12-137%)				09/16/09 13:28	SCH	9I14004	8082
Tetrachloro-m-xylene	65 %		Surr Limits: (35-121%)				09/16/09 13:28	SCH	9I14004	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-6 (RSI0312-06 - Ground Water)					Sampled: 09/09/09 15:01			Recvd: 09/09/09 16:00		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 13:51	LH	9111028	8260B

1,2-Dichloroethane-d4	102 %	Surr Limits: (66-137%)	09/11/09 13:51	LH	9111028	8260B
4-Bromofluorobenzene	100 %	Surr Limits: (73-120%)	09/11/09 13:51	LH	9111028	8260B
Toluene-d8	107 %	Surr Limits: (71-126%)	09/11/09 13:51	LH	9111028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.7	0.11	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
1,2-Dichlorobenzene	ND		9.7	0.14	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
1,3-Dichlorobenzene	ND		9.7	0.13	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
1,4-Dichlorobenzene	ND		9.7	0.15	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2,4,5-Trichlorophenol	ND		4.9	0.96	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2,4,6-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2,4-Dichlorophenol	ND		4.9	0.76	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2,4-Dimethylphenol	ND		4.9	0.93	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2,4-Dinitrophenol	ND		9.7	2.2	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2,4-Dinitrotoluene	ND	L	4.9	0.43	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2,6-Dinitrotoluene	ND		4.9	0.49	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C
2-Chloronaphthalene	ND		4.9	0.082	ug/L	1.00	09/12/09 00:53	JLG	9110037	8270C

TestAmerica Buffalo

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-6 (RSI0312-06 - Ground Water) - cont.						Sampled: 09/09/09 15:01		Recvd: 09/09/09 16:00		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		4.9	0.49	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
2-Methylnaphthalene	ND		4.9	0.080	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
2-Methylphenol	ND		4.9	0.22	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
2-Nitroaniline	ND		9.7	0.48	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
2-Nitrophenol	ND		4.9	0.59	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.36	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
3-Nitroaniline	ND		9.7	1.5	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.7	2.2	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.87	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.9	0.58	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4-Chloroaniline	ND		4.9	0.32	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.16	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4-Methylphenol	ND		9.7	0.56	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4-Nitroaniline	ND		9.7	0.44	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
4-Nitrophenol	ND		9.7	1.5	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Acenaphthene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Acenaphthylene	ND		4.9	0.046	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Anthracene	ND		4.9	0.054	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.9	0.062	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.9	0.088	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.9	0.061	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.9	0.076	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.9	0.064	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.36	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.17	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.9	0.41	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.9	4.6	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.9	1.7	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Carbazole	ND		4.9	0.086	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Chrysene	ND		4.9	0.27	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.9	0.19	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Dibenzofuran	ND		4.9	0.095	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Diethyl phthalate	ND		4.9	0.11	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.9	0.23	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Fluoranthene	ND		4.9	0.095	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Fluorene	ND		4.9	0.072	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.9	0.43	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.9	2.5	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.9	2.4	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Hexachloroethane	ND		4.9	2.7	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.9	0.15	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Isophorone	ND		4.9	0.31	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Naphthalene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-6 (RSI0312-06 - Ground Water) - cont.						Sampled: 09/09/09 15:01		Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		4.9	0.52	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.44	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	4.9	0.25	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Pentachlorophenol	ND		9.7	5.0	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Phenanthrene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Phenol	ND		4.9	0.43	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
Pyrene	ND		4.9	0.066	ug/L	1.00	09/12/09 00:53	JLG	9I10037	8270C
2,4,6-Tribromophenol	90 %		Surr Limits: (52-132%)				09/12/09 00:53	JLG	9I10037	8270C
2-Fluorobiphenyl	85 %		Surr Limits: (48-120%)				09/12/09 00:53	JLG	9I10037	8270C
2-Fluorophenol	41 %		Surr Limits: (20-120%)				09/12/09 00:53	JLG	9I10037	8270C
Nitrobenzene-d5	91 %		Surr Limits: (46-120%)				09/12/09 00:53	JLG	9I10037	8270C
Phenol-d5	30 %		Surr Limits: (16-120%)				09/12/09 00:53	JLG	9I10037	8270C
p-Terphenyl-d14	66 %		Surr Limits: (24-136%)				09/12/09 00:53	JLG	9I10037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.53	0.19	ug/L	1.00	09/15/09 02:57	JxM	9I11040	8082
Aroclor 1221	ND		0.53	0.19	ug/L	1.00	09/15/09 02:57	JxM	9I11040	8082
Aroclor 1232	ND		0.53	0.19	ug/L	1.00	09/15/09 02:57	JxM	9I11040	8082
Aroclor 1242	ND		0.53	0.19	ug/L	1.00	09/15/09 02:57	JxM	9I11040	8082
Aroclor 1248	ND		0.53	0.19	ug/L	1.00	09/15/09 02:57	JxM	9I11040	8082
Aroclor 1254	ND		0.53	0.26	ug/L	1.00	09/15/09 02:57	JxM	9I11040	8082
Aroclor 1260	ND		0.53	0.26	ug/L	1.00	09/15/09 02:57	JxM	9I11040	8082
Decachlorobiphenyl	64 %		Surr Limits: (12-137%)				09/15/09 02:57	JxM	9I11040	8082
Tetrachloro-m-xylene	72 %		Surr Limits: (35-121%)				09/15/09 02:57	JxM	9I11040	8082

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Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-7 (RSI0312-05 - Ground Water)						Sampled: 09/09/09 14:40		Recvd: 09/09/09 16:00		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 13:28	LH	9111028	8260B
1,2-Dichloroethane-d4	102 %		Surr Limits: (66-137%)				09/11/09 13:28	LH	9111028	8260B
4-Bromofluorobenzene	101 %		Surr Limits: (73-120%)				09/11/09 13:28	LH	9111028	8260B
Toluene-d8	109 %		Surr Limits: (71-126%)				09/11/09 13:28	LH	9111028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.8	0.11	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
1,2-Dichlorobenzene	ND		9.8	0.14	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
1,3-Dichlorobenzene	ND		9.8	0.13	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
1,4-Dichlorobenzene	ND		9.8	0.15	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2,4,5-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2,4,6-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2,4-Dichlorophenol	ND		4.9	0.77	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2,4-Dimethylphenol	ND		4.9	0.94	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2,4-Dinitrotoluene	ND	L	4.9	0.44	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2,6-Dinitrotoluene	ND		4.9	0.50	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C
2-Chloronaphthalene	ND		4.9	0.082	ug/L	1.00	09/12/09 00:29	JLG	9110037	8270C

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Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-7 (RSI0312-05 - Ground Water) - cont.						Sampled: 09/09/09 14:40		Recvd: 09/09/09 16:00		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		4.9	0.50	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
2-Methylnaphthalene	ND		4.9	0.080	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
2-Methylphenol	ND		4.9	0.22	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
2-Nitroaniline	ND		9.8	0.49	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
2-Nitrophenol	ND		4.9	0.59	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.37	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
3-Nitroaniline	ND		9.8	1.5	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.88	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.9	0.58	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4-Chloroaniline	ND		4.9	0.32	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.16	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4-Methylphenol	ND		9.8	0.57	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4-Nitroaniline	ND		9.8	0.45	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Acenaphthene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Acenaphthylene	ND		4.9	0.046	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Anthracene	ND		4.9	0.055	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.9	0.063	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.9	0.089	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.9	0.062	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.9	0.076	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.9	0.065	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.37	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.18	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.9	0.42	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.9	4.7	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.9	1.7	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Carbazole	ND		4.9	0.087	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Chrysene	ND		4.9	0.27	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.9	0.20	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Dibenzofuran	ND		4.9	0.096	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Diethyl phthalate	ND		4.9	0.11	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.9	0.24	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Fluoranthene	ND		4.9	0.096	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Fluorene	ND		4.9	0.073	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.9	0.44	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.9	2.5	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.9	2.5	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Hexachloroethane	ND		4.9	2.8	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.9	0.15	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Isophorone	ND		4.9	0.31	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Naphthalene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C

TestAmerica Buffalo

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: MW-7 (RSI0312-05 - Ground Water) - cont.						Sampled: 09/09/09 14:40		Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		4.9	0.53	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.44	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	4.9	0.25	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Pentachlorophenol	ND		9.8	5.0	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Phenanthrene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Phenol	ND		4.9	0.44	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
Pyrene	ND		4.9	0.067	ug/L	1.00	09/12/09 00:29	JLG	9I10037	8270C
2,4,6-Tribromophenol	90 %		Surr Limits: (52-132%)				09/12/09 00:29	JLG	9I10037	8270C
2-Fluorobiphenyl	83 %		Surr Limits: (48-120%)				09/12/09 00:29	JLG	9I10037	8270C
2-Fluorophenol	44 %		Surr Limits: (20-120%)				09/12/09 00:29	JLG	9I10037	8270C
Nitrobenzene-d5	90 %		Surr Limits: (46-120%)				09/12/09 00:29	JLG	9I10037	8270C
Phenol-d5	31 %		Surr Limits: (16-120%)				09/12/09 00:29	JLG	9I10037	8270C
p-Terphenyl-d14	69 %		Surr Limits: (24-136%)				09/12/09 00:29	JLG	9I10037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.52	0.18	ug/L	1.00	09/15/09 02:37	JxM	9I11040	8082
Aroclor 1221	ND		0.52	0.18	ug/L	1.00	09/15/09 02:37	JxM	9I11040	8082
Aroclor 1232	ND		0.52	0.18	ug/L	1.00	09/15/09 02:37	JxM	9I11040	8082
Aroclor 1242	ND		0.52	0.18	ug/L	1.00	09/15/09 02:37	JxM	9I11040	8082
Aroclor 1248	ND		0.52	0.18	ug/L	1.00	09/15/09 02:37	JxM	9I11040	8082
Aroclor 1254	ND		0.52	0.26	ug/L	1.00	09/15/09 02:37	JxM	9I11040	8082
Aroclor 1260	ND		0.52	0.26	ug/L	1.00	09/15/09 02:37	JxM	9I11040	8082
Decachlorobiphenyl	56 %		Surr Limits: (12-137%)				09/15/09 02:37	JxM	9I11040	8082
Tetrachloro-m-xylene	69 %		Surr Limits: (35-121%)				09/15/09 02:37	JxM	9I11040	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09

Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: RW-4 (RSI0296-01 - Ground Water)					Sampled: 09/08/09 10:40			Recvd: 09/08/09 14:10		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,1,2,2-Tetrachloroethane	ND	D03	4.0	0.85	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,1,2-Trichloroethane	ND	D03	4.0	0.92	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,1-Dichloroethane	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,1-Dichloroethene	ND	D03	4.0	1.2	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,2-Dichloroethane	ND	D03	4.0	0.86	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,2-Dichloroethene, Total	ND	D03	8.0	2.8	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,2-Dichloropropane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
2-Butanone	ND	D03	20	5.3	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
2-Hexanone	ND	D03	20	5.0	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
4-Methyl-2-pentanone	ND	D03	20	3.6	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Acetone	ND	D03	20	5.4	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Benzene	ND	D03	4.0	1.6	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Bromodichloromethane	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Bromoform	ND	D03,M8	4.0	1.0	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Bromomethane	ND	D03,M7	4.0	1.1	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Carbon disulfide	ND	D03	4.0	0.78	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Carbon Tetrachloride	ND	D03	4.0	1.1	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Chlorobenzene	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Dibromochloromethane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Chloroethane	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Chloroform	ND	D03	4.0	1.3	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Chloromethane	ND	D03	4.0	1.4	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
cis-1,3-Dichloropropene	ND	D03	4.0	1.4	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Ethylbenzene	ND	D03	4.0	0.74	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Methylene Chloride	ND	D03,M7	4.0	1.8	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Styrene	ND	D03	4.0	0.74	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Tetrachloroethene	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Toluene	ND	D03	4.0	2.0	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
trans-1,3-Dichloropropene	ND	D03	4.0	1.5	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Trichloroethene	ND	D03	4.0	1.8	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Vinyl chloride	ND	D03	4.0	0.97	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
Xylenes, total	ND	D03	8.0	2.6	ug/L	4.00	09/11/09 00:15	TWS	9I10085	8260B
1,2-Dichloroethane-d4	102 %	D03	Surr Limits: (66-137%)				09/11/09 00:15	TWS	9I10085	8260B
4-Bromofluorobenzene	100 %	D03	Surr Limits: (73-120%)				09/11/09 00:15	TWS	9I10085	8260B
Toluene-d8	110 %	D03	Surr Limits: (71-126%)				09/11/09 00:15	TWS	9I10085	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.8	0.11	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND		9.8	0.14	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND		9.8	0.13	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND		9.8	0.15	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,4-Dichlorophenol	ND		4.9	0.77	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,4-Dimethylphenol	ND		4.9	0.94	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	L	4.9	0.44	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND		4.9	0.50	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2-Chloronaphthalene	ND		4.9	0.082	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: RW-4 (RSI0296-01 - Ground Water) - cont.						Sampled: 09/08/09 10:40		Recvd: 09/08/09 14:10		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND		4.9	0.50	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2-Methylnaphthalene	ND		4.9	0.080	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2-Methylphenol	ND		4.9	0.22	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2-Nitroaniline	ND		9.8	0.49	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2-Nitrophenol	ND		4.9	0.59	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.37	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
3-Nitroaniline	ND		9.8	1.5	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.88	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.9	0.58	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4-Chloroaniline	ND		4.9	0.32	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.16	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4-Methylphenol	ND		9.8	0.57	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4-Nitroaniline	ND		9.8	0.45	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Acenaphthene	ND		4.9	0.11	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Acenaphthylene	ND		4.9	0.046	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Anthracene	ND		4.9	0.055	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.9	0.063	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.9	0.089	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.9	0.062	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.9	0.076	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.9	0.065	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.37	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.18	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.9	0.42	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.9	4.7	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.9	1.7	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Carbazole	ND		4.9	0.087	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Chrysene	ND		4.9	0.27	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.9	0.20	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Dibenzofuran	ND		4.9	0.096	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Diethyl phthalate	ND	M7	4.9	0.11	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.9	0.29	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.9	0.29	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.9	0.24	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Fluoranthene	ND		4.9	0.096	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Fluorene	ND		4.9	0.073	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.9	0.44	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.9	2.5	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.9	2.5	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Hexachloroethane	ND		4.9	2.8	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.9	0.15	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Isophorone	ND		4.9	0.31	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Naphthalene	ND		4.9	0.11	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C

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158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Client ID: RW-4 (RSI0296-01 - Ground Water) - cont.

Sampled: 09/08/09 10:40

Recvd: 09/08/09 14:10

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		4.9	0.53	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.44	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L, M11	4.9	0.25	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Pentachlorophenol	ND		9.8	5.0	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Phenanthrene	ND		4.9	0.11	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Phenol	ND		4.9	0.44	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
Pyrene	ND		4.9	0.067	ug/L	1.00	09/11/09 21:11	JLG	9I10037	8270C
2,4,6-Tribromophenol	126 %		Surr Limits: (52-132%)				09/11/09 21:11	JLG	9I10037	8270C
2-Fluorobiphenyl	106 %		Surr Limits: (48-120%)				09/11/09 21:11	JLG	9I10037	8270C
2-Fluorophenol	50 %		Surr Limits: (20-120%)				09/11/09 21:11	JLG	9I10037	8270C
Nitrobenzene-d5	106 %		Surr Limits: (46-120%)				09/11/09 21:11	JLG	9I10037	8270C
Phenol-d5	37 %		Surr Limits: (16-120%)				09/11/09 21:11	JLG	9I10037	8270C
p-Terphenyl-d14	69 %		Surr Limits: (24-136%)				09/11/09 21:11	JLG	9I10037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:04	JxM	9I11040	8082
Aroclor 1221	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:04	JxM	9I11040	8082
Aroclor 1232	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:04	JxM	9I11040	8082
Aroclor 1242	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:04	JxM	9I11040	8082
Aroclor 1248	ND	QSU	0.48	0.17	ug/L	1.00	09/16/09 09:04	JxM	9I11040	8082
Aroclor 1254	ND	QSU	0.48	0.24	ug/L	1.00	09/16/09 09:04	JxM	9I11040	8082
Aroclor 1260	ND	QSU	0.48	0.24	ug/L	1.00	09/16/09 09:04	JxM	9I11040	8082
Decachlorobiphenyl	66 %	QSU	Surr Limits: (12-137%)				09/16/09 09:04	JxM	9I11040	8082
Tetrachloro-m-xylene	71 %	QSU	Surr Limits: (35-121%)				09/16/09 09:04	JxM	9I11040	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: RW-5 (RSI0296-05 - Ground Water)					Sampled: 09/08/09 12:56			Recvd: 09/08/09 14:10		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Acetone	2.8	J	5.0	1.3	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Benzene	1.8		1.0	0.41	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
e										
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 01:48	TWS	9I10085	8260B

1,2-Dichloroethane-d4	102 %	Surr Limits: (66-137%)	09/11/09 01:48	TWS	9I10085	8260B
4-Bromofluorobenzene	100 %	Surr Limits: (73-120%)	09/11/09 01:48	TWS	9I10085	8260B
Toluene-d8	108 %	Surr Limits: (71-126%)	09/11/09 01:48	TWS	9I10085	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.6	0.11	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND		9.6	0.14	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND		9.6	0.13	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND		9.6	0.15	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND		4.8	0.95	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND		4.8	0.96	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,4-Dichlorophenol	ND		4.8	0.76	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,4-Dimethylphenol	ND		4.8	0.92	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,4-Dinitrophenol	ND		9.6	2.1	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	L	4.8	0.43	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND		4.8	0.49	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2-Chloronaphthalene	ND		4.8	0.081	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: RW-5 (RSI0296-05 - Ground Water) - cont.						Sampled: 09/08/09 12:56		Recvd: 09/08/09 14:10		

Semivolatile Organics by GC/MS - cont.

2-Chlorophenol	ND		4.8	0.49	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2-Methylnaphthalene	ND		4.8	0.079	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2-Methylphenol	ND		4.8	0.22	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2-Nitroaniline	ND		9.6	0.48	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2-Nitrophenol	ND		4.8	0.58	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.8	0.36	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
3-Nitroaniline	ND		9.6	1.5	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.6	2.2	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.8	0.87	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.8	0.57	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4-Chloroaniline	ND		4.8	0.32	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.8	0.16	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4-Methylphenol	ND		9.6	0.56	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4-Nitroaniline	ND		9.6	0.44	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
4-Nitrophenol	ND		9.6	1.5	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Acenaphthene	ND		4.8	0.11	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Acenaphthylene	ND		4.8	0.045	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Anthracene	ND		4.8	0.054	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.8	0.062	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.8	0.088	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.8	0.061	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.8	0.075	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.8	0.063	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.8	0.36	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.8	0.17	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.8	0.41	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.8	4.6	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.8	1.7	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Carbazole	ND		4.8	0.086	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Chrysene	ND		4.8	0.26	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.8	0.19	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Dibenzofuran	ND		4.8	0.094	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Diethyl phthalate	ND		4.8	0.11	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.8	0.29	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.8	0.29	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.8	0.23	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Fluoranthene	ND		4.8	0.094	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Fluorene	ND		4.8	0.071	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.8	0.43	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.8	2.5	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.8	2.4	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Hexachloroethane	ND		4.8	2.7	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.8	0.15	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Isophorone	ND		4.8	0.31	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Naphthalene	ND		4.8	0.11	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: RW-5 (RSI0296-05 - Ground Water) - cont.						Sampled: 09/08/09 12:56		Recvd: 09/08/09 14:10		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		4.8	0.52	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.8	0.43	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	4.8	0.25	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Pentachlorophenol	ND		9.6	4.9	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Phenanthrene	ND		4.8	0.11	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Phenol	ND		4.8	0.43	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
Pyrene	ND		4.8	0.066	ug/L	1.00	09/11/09 22:01	JLG	9I10037	8270C
2,4,6-Tribromophenol	96 %		Surr Limits: (52-132%)				09/11/09 22:01	JLG	9I10037	8270C
2-Fluorobiphenyl	84 %		Surr Limits: (48-120%)				09/11/09 22:01	JLG	9I10037	8270C
2-Fluorophenol	33 %		Surr Limits: (20-120%)				09/11/09 22:01	JLG	9I10037	8270C
Nitrobenzene-d5	80 %		Surr Limits: (46-120%)				09/11/09 22:01	JLG	9I10037	8270C
Phenol-d5	25 %		Surr Limits: (16-120%)				09/11/09 22:01	JLG	9I10037	8270C
p-Terphenyl-d14	47 %		Surr Limits: (24-136%)				09/11/09 22:01	JLG	9I10037	8270C

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.48	0.17	ug/L	1.00	09/16/09 09:33	SCH	9I11040	8082
Aroclor 1221	ND		0.48	0.17	ug/L	1.00	09/16/09 09:33	SCH	9I11040	8082
Aroclor 1232	ND		0.48	0.17	ug/L	1.00	09/16/09 09:33	SCH	9I11040	8082
Aroclor 1242	ND		0.48	0.17	ug/L	1.00	09/16/09 09:33	SCH	9I11040	8082
Aroclor 1248	ND		0.48	0.17	ug/L	1.00	09/16/09 09:33	SCH	9I11040	8082
Aroclor 1254	ND		0.48	0.24	ug/L	1.00	09/16/09 09:33	SCH	9I11040	8082
Aroclor 1260	ND		0.48	0.24	ug/L	1.00	09/16/09 09:33	SCH	9I11040	8082
Decachlorobiphenyl	69 %		Surr Limits: (12-137%)				09/16/09 09:33	SCH	9I11040	8082
Tetrachloro-m-xylene	77 %		Surr Limits: (35-121%)				09/16/09 09:33	SCH	9I11040	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-1 (RSI0312-01 - Water)					Sampled: 09/09/09 11:15			Recvd: 09/09/09 16:00		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,1-Dichloroethane	0.50	J	1.0	0.38	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,2-Dichloroethene, Total	4.8		2.0	0.70	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Acetone	5.5		5.0	1.3	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Trichloroethene	0.66	J	1.0	0.46	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Vinyl chloride	0.59	J	1.0	0.24	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/11/09 11:56	LH	9I11028	8260B

1,2-Dichloroethane-d4	101 %	Surr Limits: (66-137%)				09/11/09 11:56	LH	9I11028	8260B
4-Bromofluorobenzene	98 %	Surr Limits: (73-120%)				09/11/09 11:56	LH	9I11028	8260B
Toluene-d8	109 %	Surr Limits: (71-126%)				09/11/09 11:56	LH	9I11028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND	D12	220	2.5	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND	D12	220	3.2	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND	D12	220	3.0	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND	D12	220	3.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND	D12	110	22	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND	D12	110	22	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,4-Dichlorophenol	ND	D12	110	17	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,4-Dimethylphenol	ND	D12	110	21	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,4-Dinitrophenol	ND	D12	220	49	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	D12,L	110	9.9	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND	D12	110	11	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2-Chloronaphthalene	ND	D12	110	1.9	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C

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10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-1 (RSI0312-01 - Water) - cont.						Sampled: 09/09/09 11:15		Recvd: 09/09/09 16:00		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND	D12	110	11	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2-Methylnaphthalene	ND	D12	110	1.8	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2-Methylphenol	ND	D12	110	5.1	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2-Nitroaniline	ND	D12	220	11	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2-Nitrophenol	ND	D12	110	13	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND	D12	110	8.3	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
3-Nitroaniline	ND	D12	220	34	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND	D12	220	51	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND	D12	110	20	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND	D12	110	13	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4-Chloroaniline	ND	D12	110	7.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND	D12	110	3.7	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4-Methylphenol	ND	D12	220	13	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4-Nitroaniline	ND	D12	220	10	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
4-Nitrophenol	ND	D12	220	34	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Acenaphthene	ND	D12	110	2.5	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Acenaphthylene	ND	D12	110	1.0	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Anthracene	ND	D12	110	1.2	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[a]anthracene	32	D12,J	110	1.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[a]pyrene	37	D12,J	110	2.0	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[b]fluoranthene	47	D12,J	110	1.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND	D12	110	1.7	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Benzo[k]fluoranthene	26	D12,J	110	1.5	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND	D12	110	8.3	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND	D12	110	4.0	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND	D12	110	9.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	110	D12	110	110	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Butyl benzyl phthalate	ND	D12	110	39	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Carbazole	ND	D12	110	2.0	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Chrysene	27	D12,J	110	6.1	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND	D12	110	4.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Dibenzofuran	ND	D12	110	2.2	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Diethyl phthalate	ND	D12	110	2.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Dimethyl phthalate	ND	D12	110	6.7	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Di-n-butyl phthalate	ND	D12	110	6.6	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Di-n-octyl phthalate	ND	D12	110	5.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Fluoranthene	45	D12,J	110	2.2	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Fluorene	ND	D12	110	1.6	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Hexachlorobenzene	ND	D12	110	9.9	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Hexachlorobutadiene	ND	D12	110	58	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND	D12	110	56	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Hexachloroethane	ND	D12	110	63	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND	D12	110	3.4	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Isophorone	ND	D12	110	7.1	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-1 (RSI0312-01 - Water) - cont.						Sampled: 09/09/09 11:15		Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

Naphthalene	ND	D12	110	2.6	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Nitrobenzene	ND	D12	110	12	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND	D12	110	10	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	D12,L	110	5.8	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Pentachlorophenol	ND	D12	220	110	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Phenanthrene	ND	D12	110	2.5	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Phenol	ND	D12	110	9.9	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
Pyrene	90	D12,J	110	1.5	ug/L	20.0	09/11/09 22:50	JLG	9I10037	8270C
2,4,6-Tribromophenol	*	D12,Z3	Surr Limits: (52-132%)				09/11/09 22:50	JLG	9I10037	8270C
2-Fluorobiphenyl	68 %	D12,Z3	Surr Limits: (48-120%)				09/11/09 22:50	JLG	9I10037	8270C
2-Fluorophenol	*	D12,Z3	Surr Limits: (20-120%)				09/11/09 22:50	JLG	9I10037	8270C
Nitrobenzene-d5	72 %	D12,Z3	Surr Limits: (46-120%)				09/11/09 22:50	JLG	9I10037	8270C
Phenol-d5	*	D12,Z3	Surr Limits: (16-120%)				09/11/09 22:50	JLG	9I10037	8270C
p-Terphenyl-d14	59 %	D12,Z3	Surr Limits: (24-136%)				09/11/09 22:50	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDD [2C]	ND	QFL, D04	6.1	2.0	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
4,4'-DDE [2C]	4.8	QFL, D04,J	6.1	1.4	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
4,4'-DDT [2C]	ND	QFL, D04	6.1	1.3	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Aldrin [2C]	ND	QFL, D04	6.1	0.80	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
alpha-BHC [2C]	ND	QFL, D04	6.1	0.80	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
alpha-Chlordane [2C]	ND	QFL, D04	6.1	1.8	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
beta-BHC [2C]	ND	QFL, D04	6.1	3.0	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Chlordane [2C]	ND	QFL, D04	6.1	3.5	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
delta-BHC [2C]	ND	QFL, D04	6.1	1.2	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Dieldrin [2C]	6.7	QFL, D04	6.1	2.4	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Endosulfan I [2C]	ND	QFL, D04	6.1	1.3	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Endosulfan II [2C]	ND	QFL, D04	6.1	1.5	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Endosulfan sulfate [2C]	ND	QFL, D04	6.1	1.9	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Endrin [2C]	ND	QFL, D04	6.1	1.7	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Endrin aldehyde [2C]	5.9	QFL, D04,J	6.1	2.0	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Endrin ketone [2C]	ND	QFL, D04	6.1	1.5	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
gamma-BHC (Lindane) [2C]	3.2	QFL, D04,J	6.1	0.73	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
gamma-Chlordane [2C]	ND	QFL, D04	6.1	1.3	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Heptachlor [2C]	ND	QFL, D04	6.1	1.0	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Heptachlor epoxide [2C]	ND	QFL, D04	6.1	0.65	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Methoxychlor [2C]	ND	QFL, D04	6.1	1.7	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Toxaphene [2C]	ND	QFL, D04	6.1	15	ug/L	100	09/17/09 06:03	tch	9I11039	8081A
Decachlorobiphenyl [2C]	*	QFL, D04	Surr Limits: (15-139%)				09/17/09 06:03	tch	9I11039	8081A
Tetrachloro-m-xylene [2C]	*	QFL, D04	Surr Limits: (30-139%)				09/17/09 06:03	tch	9I11039	8081A

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND	QSU, D08, Z3	30	11	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
Aroclor 1221	ND	QSU, D08, Z3	30	11	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-1 (RSI0312-01 - Water) - cont.						Sampled: 09/09/09 11:15		Recvd: 09/09/09 16:00		
<u>Polychlorinated Biphenyls by EPA Method 8082 - cont.</u>										
Aroclor 1232	ND	QSU, D08, Z3	30	11	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
Aroclor 1242	ND	QSU, D08, Z3	30	11	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
Aroclor 1248	290	QSU, D08, Z3	30	11	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
Aroclor 1254	ND	QSU, D08, Z3	30	15	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
Aroclor 1260	210	QSU, D08, Z3	30	15	ug/L	50.0	09/15/09 01:18	JxM	9I11040	8082
Decachlorobiphenyl	*	QSU, D08, Z3	Surr Limits: (12-137%)				09/15/09 01:18	JxM	9I11040	8082
Tetrachloro-m-xylene	*	QSU, D08, Z3	Surr Limits: (35-121%)				09/15/09 01:18	JxM	9I11040	8082
<u>Total Metals by SW 846 Series Methods</u>										
Aluminum	0.357	B	0.200	0.040	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Antimony	0.0078	J	0.0200	0.0055	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Arsenic	0.0113		0.0100	0.0056	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Barium	0.0690		0.0020	0.0003	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Beryllium	ND		0.0020	0.0002	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Cadmium	ND		0.0010	0.0003	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Calcium	36.0	B	0.5	0.1	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Chromium	0.0107		0.0040	0.0009	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Cobalt	0.0007	J	0.0040	0.0005	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Copper	0.0173		0.0100	0.0013	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Iron	1.79		0.050	0.019	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Lead	0.0050		0.0050	0.0029	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Magnesium	5.23		0.200	0.043	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Manganese	0.222		0.0030	0.0002	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Nickel	0.0059	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Potassium	28.4		0.500	0.050	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Selenium	ND		0.0150	0.0087	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Silver	ND		0.0030	0.0012	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Sodium	61.4		1.0	0.3	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Thallium	ND		0.0200	0.0077	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Vanadium	0.0051		0.0050	0.0011	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Zinc	0.0369		0.0100	0.0015	mg/L	1.00	09/11/09 23:03	DAN	9I10056	6010B
Mercury	ND		0.0002	0.0001	mg/L	1.00	09/10/09 14:17	MLD	9I10020	7470A
<u>General Chemistry Parameters</u>										
Total Cyanide	ND		0.0100	0.0050	mg/L	1.00	09/15/09 09:20	jmm	9I11032	9012A

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-2 (RSI0312-02 - Water)						Sampled: 09/09/09 11:40		Recvd: 09/09/09 16:00		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,1-Dichloroethane	2.2		1.0	0.38	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Benzene	0.49	J	1.0	0.41	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Toluene	0.68	J	1.0	0.51	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
Xylenes, total	1.8	J	2.0	0.66	ug/L	1.00	09/11/09 12:19	LH	9I11028	8260B
1,2-Dichloroethane-d4	103 %		Surr Limits: (66-137%)				09/11/09 12:19	LH	9I11028	8260B
4-Bromofluorobenzene	100 %		Surr Limits: (73-120%)				09/11/09 12:19	LH	9I11028	8260B
Toluene-d8	110 %		Surr Limits: (71-126%)				09/11/09 12:19	LH	9I11028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.9	0.11	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND		9.9	0.14	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND		9.9	0.13	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND		9.9	0.15	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND		5.0	0.98	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND		5.0	0.98	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,4-Dichlorophenol	ND		5.0	0.78	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,4-Dimethylphenol	15		5.0	0.95	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,4-Dinitrophenol	ND		9.9	2.2	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	L	5.0	0.44	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND		5.0	0.50	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2-Chloronaphthalene	ND		5.0	0.083	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C

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10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-2 (RSI0312-02 - Water) - cont.					Sampled: 09/09/09 11:40			Recvd: 09/09/09 16:00		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND	J	5.0	0.50	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2-Methylnaphthalene	ND		5.0	0.081	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2-Methylphenol	4.6		5.0	0.23	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2-Nitroaniline	ND		9.9	0.49	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2-Nitrophenol	ND		5.0	0.60	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		5.0	0.37	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
3-Nitroaniline	ND		9.9	1.5	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.9	2.3	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		5.0	0.89	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		5.0	0.59	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Chloroaniline	ND		5.0	0.33	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		5.0	0.17	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Methylphenol	10	ID7	9.9	0.57	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Nitroaniline	ND		9.9	0.45	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
4-Nitrophenol	ND		9.9	1.5	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Acenaphthene	ND		5.0	0.11	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Acenaphthylene	ND		5.0	0.047	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Anthracene	ND		5.0	0.055	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Benzo[a]anthracene	ND		5.0	0.063	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Benzo[a]pyrene	ND		5.0	0.090	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		5.0	0.077	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		5.0	0.065	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		5.0	0.37	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		5.0	0.18	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		5.0	0.42	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		5.0	4.7	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		5.0	1.7	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Carbazole	ND		5.0	0.088	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Chrysene	ND		5.0	0.27	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		5.0	0.20	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Dibenzofuran	ND		5.0	0.097	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Diethyl phthalate	ND		5.0	0.11	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Dimethyl phthalate	ND		5.0	0.30	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		5.0	0.30	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		5.0	0.24	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Fluoranthene	ND		5.0	0.097	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Fluorene	ND		5.0	0.073	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Hexachlorobenzene	ND		5.0	0.44	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Hexachlorobutadiene	ND		5.0	2.6	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		5.0	2.5	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Hexachloroethane	ND		5.0	2.8	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		5.0	0.15	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Isophorone	ND		5.0	0.32	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Naphthalene	2.2	J	5.0	0.11	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C

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10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-2 (RSI0312-02 - Water) - cont.						Sampled: 09/09/09 11:40		Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		5.0	0.53	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		5.0	0.45	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	5.0	0.26	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Pentachlorophenol	ND		9.9	5.1	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Phenanthrene	ND		5.0	0.11	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Phenol	ND		5.0	0.44	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
Pyrene	ND		5.0	0.068	ug/L	1.00	09/11/09 23:15	JLG	9I10037	8270C
2,4,6-Tribromophenol	112 %		Surr Limits: (52-132%)				09/11/09 23:15	JLG	9I10037	8270C
2-Fluorobiphenyl	98 %		Surr Limits: (48-120%)				09/11/09 23:15	JLG	9I10037	8270C
2-Fluorophenol	49 %		Surr Limits: (20-120%)				09/11/09 23:15	JLG	9I10037	8270C
Nitrobenzene-d5	66 %		Surr Limits: (46-120%)				09/11/09 23:15	JLG	9I10037	8270C
Phenol-d5	35 %		Surr Limits: (16-120%)				09/11/09 23:15	JLG	9I10037	8270C
p-Terphenyl-d14	98 %		Surr Limits: (24-136%)				09/11/09 23:15	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDD [2C]	ND		0.052	0.017	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
4,4'-DDE [2C]	0.024	J	0.052	0.012	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
4,4'-DDT [2C]	ND		0.052	0.011	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Aldrin [2C]	ND		0.052	0.0069	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
alpha-BHC [2C]	ND		0.052	0.0069	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
alpha-Chlordane [2C]	ND		0.052	0.015	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
beta-BHC [2C]	ND		0.052	0.026	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Chlordane [2C]	ND		0.52	0.030	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
delta-BHC [2C]	ND		0.052	0.011	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Dieldrin [2C]	ND		0.052	0.020	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Endosulfan I [2C]	ND		0.052	0.011	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Endosulfan II [2C]	ND		0.052	0.012	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Endosulfan sulfate [2C]	ND		0.052	0.016	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Endrin [2C]	ND		0.052	0.014	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Endrin aldehyde [2C]	ND		0.052	0.017	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Endrin ketone [2C]	ND		0.052	0.012	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
gamma-BHC (Lindane) [2C]	ND		0.052	0.0062	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
gamma-Chlordane [2C]	ND		0.052	0.011	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Heptachlor [2C]	ND		0.052	0.0089	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Heptachlor epoxide [2C]	ND		0.052	0.0055	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Methoxychlor [2C]	ND		0.052	0.015	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Toxaphene [2C]	ND		0.52	0.13	ug/L	1.00	09/15/09 18:44	tch	9I11039	8081A
Decachlorobiphenyl [2C]	64 %		Surr Limits: (15-139%)				09/15/09 18:44	tch	9I11039	8081A
Tetrachloro-m-xylene [2C]	102 %		Surr Limits: (30-139%)				09/15/09 18:44	tch	9I11039	8081A

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.52	0.18	ug/L	1.00	09/15/09 01:38	JxM	9I11040	8082
Aroclor 1221	ND		0.52	0.18	ug/L	1.00	09/15/09 01:38	JxM	9I11040	8082
Aroclor 1232	ND		0.52	0.18	ug/L	1.00	09/15/09 01:38	JxM	9I11040	8082
Aroclor 1242	ND		0.52	0.18	ug/L	1.00	09/15/09 01:38	JxM	9I11040	8082
Aroclor 1248	ND		0.52	0.18	ug/L	1.00	09/15/09 01:38	JxM	9I11040	8082
Aroclor 1254	ND		0.52	0.26	ug/L	1.00	09/15/09 01:38	JxM	9I11040	8082

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158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-2 (RSI0312-02 - Water) - cont.						Sampled: 09/09/09 11:40		Recvd: 09/09/09 16:00		

Polychlorinated Biphenyls by EPA Method 8082 - cont.

Aroclor 1260	ND		0.52	0.26	ug/L	1.00	09/15/09 01:38	JxM	9I11040	8082
Decachlorobiphenyl	67 %		Surr Limits: (12-137%)				09/15/09 01:38	JxM	9I11040	8082
Tetrachloro-m-xylene	114 %		Surr Limits: (35-121%)				09/15/09 01:38	JxM	9I11040	8082

Total Metals by SW 846 Series Methods

Aluminum	0.159	J, B	0.200	0.040	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Antimony	ND		0.0200	0.0055	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Arsenic	ND		0.0100	0.0056	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Barium	0.0355		0.0020	0.0003	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Beryllium	ND		0.0020	0.0002	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Cadmium	ND		0.0010	0.0003	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Calcium	74.4	B	0.5	0.1	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Chromium	0.0009	J	0.0040	0.0009	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Cobalt	ND		0.0040	0.0005	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Copper	0.0028	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Iron	0.078		0.050	0.019	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Lead	ND		0.0050	0.0029	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Magnesium	ND		0.200	0.043	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Manganese	0.0006	J	0.0030	0.0002	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Nickel	0.0018	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Potassium	39.7		0.500	0.050	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Selenium	ND		0.0150	0.0087	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Silver	ND		0.0030	0.0012	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Sodium	56.7		1.0	0.3	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Thallium	ND		0.0200	0.0077	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Vanadium	0.0133		0.0050	0.0011	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Zinc	0.0028	J	0.0100	0.0015	mg/L	1.00	09/11/09 23:08	DAN	9I10056	6010B
Mercury	ND		0.0002	0.0001	mg/L	1.00	09/10/09 14:24	MLD	9I10020	7470A

General Chemistry Parameters

Total Cyanide	ND		0.0100	0.0050	mg/L	1.00	09/17/09 09:23	jmm	9I16009	9012A
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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-3 (RSI0312-03 - Water)			Sampled: 09/09/09 11:55				Recvd: 09/09/09 16:00			

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Acetone	2.1	J	5.0	1.3	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
e										
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B
Xylenes, total	1.0	J	2.0	0.66	ug/L	1.00	09/11/09 12:42	LH	9111028	8260B

1,2-Dichloroethane-d4	101 %	Surr Limits: (66-137%)	09/11/09 12:42	LH	9111028	8260B
4-Bromofluorobenzene	99 %	Surr Limits: (73-120%)	09/11/09 12:42	LH	9111028	8260B
Toluene-d8	109 %	Surr Limits: (71-126%)	09/11/09 12:42	LH	9111028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.8	0.11	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
1,2-Dichlorobenzene	ND		9.8	0.14	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
1,3-Dichlorobenzene	ND		9.8	0.13	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
1,4-Dichlorobenzene	ND		9.8	0.15	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2,4,5-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2,4,6-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2,4-Dichlorophenol	ND		4.9	0.77	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2,4-Dimethylphenol	11		4.9	0.94	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2,4-Dinitrotoluene	ND	L	4.9	0.44	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2,6-Dinitrotoluene	ND		4.9	0.50	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C
2-Chloronaphthalene	ND		4.9	0.082	ug/L	1.00	09/11/09 23:39	JLG	9110037	8270C

TestAmerica Buffalo

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-3 (RSI0312-03 - Water) - cont.						Sampled: 09/09/09 11:55		Recvd: 09/09/09 16:00		
<u>Semivolatile Organics by GC/MS - cont.</u>										
2-Chlorophenol	ND	J	4.9	0.50	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
2-Methylnaphthalene	ND		4.9	0.080	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
2-Methylphenol	3.5		4.9	0.22	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
2-Nitroaniline	ND		9.8	0.49	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
2-Nitrophenol	ND		4.9	0.59	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.37	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
3-Nitroaniline	ND		9.8	1.5	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.88	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.9	0.58	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Chloroaniline	ND		4.9	0.32	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.16	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Methylphenol	7.4	ID7, J	9.8	0.57	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Nitroaniline	ND		9.8	0.45	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Acenaphthene	ND		4.9	0.11	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Acenaphthylene	ND		4.9	0.046	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Anthracene	ND		4.9	0.055	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.9	0.063	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.9	0.089	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.9	0.062	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.9	0.076	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.9	0.065	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.37	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.18	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.9	0.42	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.9	4.7	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.9	1.7	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Carbazole	ND		4.9	0.087	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Chrysene	ND		4.9	0.27	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.9	0.20	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Dibenzofuran	ND		4.9	0.096	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Diethyl phthalate	ND		4.9	0.11	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.9	0.29	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.9	0.29	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.9	0.24	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Fluoranthene	ND		4.9	0.096	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Fluorene	ND		4.9	0.073	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.9	0.44	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.9	2.5	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.9	2.5	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Hexachloroethane	ND		4.9	2.8	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.9	0.15	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Isophorone	ND		4.9	0.31	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Naphthalene	1.2	J	4.9	0.11	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-3 (RSI0312-03 - Water) - cont.						Sampled: 09/09/09 11:55		Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

Nitrobenzene	ND		4.9	0.53	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.44	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	4.9	0.25	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Pentachlorophenol	ND		9.8	5.0	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Phenanthrene	ND		4.9	0.11	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Phenol	ND		4.9	0.44	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
Pyrene	ND		4.9	0.067	ug/L	1.00	09/11/09 23:39	JLG	9I10037	8270C
2,4,6-Tribromophenol	105 %		Surr Limits: (52-132%)				09/11/09 23:39	JLG	9I10037	8270C
2-Fluorobiphenyl	85 %		Surr Limits: (48-120%)				09/11/09 23:39	JLG	9I10037	8270C
2-Fluorophenol	37 %		Surr Limits: (20-120%)				09/11/09 23:39	JLG	9I10037	8270C
Nitrobenzene-d5	61 %		Surr Limits: (46-120%)				09/11/09 23:39	JLG	9I10037	8270C
Phenol-d5	29 %		Surr Limits: (16-120%)				09/11/09 23:39	JLG	9I10037	8270C
p-Terphenyl-d14	99 %		Surr Limits: (24-136%)				09/11/09 23:39	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDD [2C]	ND		0.050	0.017	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
4,4'-DDE [2C]	ND		0.050	0.012	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
4,4'-DDT [2C]	0.028	J	0.050	0.011	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Aldrin [2C]	ND		0.050	0.0066	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
alpha-BHC [2C]	ND		0.050	0.0066	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
alpha-Chlordane [2C]	ND		0.050	0.015	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
beta-BHC [2C]	ND		0.050	0.025	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Chlordane [2C]	ND		0.50	0.029	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
delta-BHC [2C]	ND		0.050	0.010	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Dieldrin [2C]	ND		0.050	0.020	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Endosulfan I [2C]	ND		0.050	0.011	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Endosulfan II [2C]	ND		0.050	0.012	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Endosulfan sulfate [2C]	ND		0.050	0.016	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Endrin [2C]	ND		0.050	0.014	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Endrin aldehyde [2C]	ND		0.050	0.016	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Endrin ketone [2C]	ND		0.050	0.012	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
gamma-BHC (Lindane) [2C]	0.026	J	0.050	0.0060	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
gamma-Chlordane [2C]	ND		0.050	0.011	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Heptachlor [2C]	0.016	J	0.050	0.0085	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Heptachlor epoxide [2C]	ND		0.050	0.0053	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Methoxychlor [2C]	ND		0.050	0.014	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Toxaphene [2C]	ND		0.50	0.12	ug/L	1.00	09/15/09 19:20	tch	9I11039	8081A
Decachlorobiphenyl [2C]	75 %		Surr Limits: (15-139%)				09/15/09 19:20	tch	9I11039	8081A
Tetrachloro-m-xylene [2C]	77 %		Surr Limits: (30-139%)				09/15/09 19:20	tch	9I11039	8081A

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.50	0.18	ug/L	1.00	09/15/09 01:58	JxM	9I11040	8082
Aroclor 1221	ND		0.50	0.18	ug/L	1.00	09/15/09 01:58	JxM	9I11040	8082
Aroclor 1232	ND		0.50	0.18	ug/L	1.00	09/15/09 01:58	JxM	9I11040	8082
Aroclor 1242	ND		0.50	0.18	ug/L	1.00	09/15/09 01:58	JxM	9I11040	8082
Aroclor 1248	ND		0.50	0.18	ug/L	1.00	09/15/09 01:58	JxM	9I11040	8082
Aroclor 1254	ND		0.50	0.25	ug/L	1.00	09/15/09 01:58	JxM	9I11040	8082

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SDG Number: RSI0296

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Received: 09/08/09-09/10/09

Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-3 (RSI0312-03 - Water) - cont.						Sampled: 09/09/09 11:55		Recvd: 09/09/09 16:00		

Polychlorinated Biphenyls by EPA Method 8082 - cont.

Aroclor 1260	ND		0.50	0.25	ug/L	1.00	09/15/09 01:58	JxM	9I11040	8082
Decachlorobiphenyl	74 %		Surr Limits: (12-137%)				09/15/09 01:58	JxM	9I11040	8082
Tetrachloro-m-xylene	79 %		Surr Limits: (35-121%)				09/15/09 01:58	JxM	9I11040	8082

Total Metals by SW 846 Series Methods

Aluminum	0.309	B	0.200	0.040	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Antimony	ND		0.0200	0.0055	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Arsenic	ND		0.0100	0.0056	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Barium	0.0278		0.0020	0.0003	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Beryllium	ND		0.0020	0.0002	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Cadmium	ND		0.0010	0.0003	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Calcium	59.1	B	0.5	0.1	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Chromium	ND		0.0040	0.0009	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Cobalt	ND		0.0040	0.0005	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Copper	ND		0.0100	0.0013	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Iron	0.026	J	0.050	0.019	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Lead	ND		0.0050	0.0029	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Magnesium	0.056	J	0.200	0.043	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Manganese	0.0010	J	0.0030	0.0002	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Nickel	0.0026	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Potassium	41.0		0.500	0.050	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Selenium	ND		0.0150	0.0087	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Silver	ND		0.0030	0.0012	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Sodium	58.5		1.0	0.3	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Thallium	ND		0.0200	0.0077	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Vanadium	0.0156		0.0050	0.0011	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Zinc	0.0333		0.0100	0.0015	mg/L	1.00	09/11/09 23:13	DAN	9I10056	6010B
Mercury	ND		0.0002	0.0001	mg/L	1.00	09/10/09 14:26	MLD	9I10020	7470A

General Chemistry Parameters

Total Cyanide	0.0465	CF6	0.0100	0.0050	mg/L	1.00	09/17/09 09:24	jmm	9I16009	9012A
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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-4 (RSI0312-04 - Water)						Sampled: 09/09/09 12:15		Recvd: 09/09/09 16:00		

Volatile Organic Compounds by EPA 8260B

1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,1-Dichloroethane	1.3		1.0	0.38	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,2-Dichloroethene, Total	1.9	J	2.0	0.70	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Benzene	0.87	J	1.0	0.41	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Ethylbenzene	1.5		1.0	0.18	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Tetrachloroethene	0.72	J	1.0	0.36	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Toluene	1.4		1.0	0.51	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Trichloroethene	0.70	J	1.0	0.46	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B
Xylenes, total	9.7		2.0	0.66	ug/L	1.00	09/11/09 13:05	LH	9I11028	8260B

1,2-Dichloroethane-d4	102 %	Surr Limits: (66-137%)	09/11/09 13:05	LH	9I11028	8260B
4-Bromofluorobenzene	103 %	Surr Limits: (73-120%)	09/11/09 13:05	LH	9I11028	8260B
Toluene-d8	111 %	Surr Limits: (71-126%)	09/11/09 13:05	LH	9I11028	8260B

Semivolatile Organics by GC/MS

1,2,4-Trichlorobenzene	ND		9.7	0.11	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
1,2-Dichlorobenzene	ND		9.7	0.14	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
1,3-Dichlorobenzene	ND		9.7	0.13	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
1,4-Dichlorobenzene	ND		9.7	0.15	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,4,5-Trichlorophenol	ND		4.9	0.96	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,4,6-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,4-Dichlorophenol	ND		4.9	0.76	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,4-Dimethylphenol	21		4.9	0.93	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,4-Dinitrophenol	ND		9.7	2.2	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,4-Dinitrotoluene	ND	L	4.9	0.43	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,6-Dinitrotoluene	ND		4.9	0.49	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2-Chloronaphthalene	ND		4.9	0.082	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-4 (RSI0312-04 - Water) - cont.					Sampled: 09/09/09 12:15			Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

2-Chlorophenol	ND		4.9	0.49	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2-Methylnaphthalene	1.5	J	4.9	0.080	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2-Methylphenol	7.4		4.9	0.22	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2-Nitroaniline	ND		9.7	0.48	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2-Nitrophenol	ND		4.9	0.59	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.36	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
3-Nitroaniline	ND		9.7	1.5	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4,6-Dinitro-2-methylphenol	ND		9.7	2.2	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.87	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Chloro-3-methylphenol	ND		4.9	0.58	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Chloroaniline	ND		4.9	0.32	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.16	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Methylphenol	11	ID7	9.7	0.56	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Nitroaniline	ND		9.7	0.44	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
4-Nitrophenol	ND		9.7	1.5	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Acenaphthene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Acenaphthylene	ND		4.9	0.046	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Anthracene	ND		4.9	0.054	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Benzo[a]anthracene	ND		4.9	0.062	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Benzo[a]pyrene	ND		4.9	0.088	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Benzo[b]fluoranthene	ND		4.9	0.061	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Benzo[g,h,i]perylene	ND		4.9	0.076	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Benzo[k]fluoranthene	ND		4.9	0.064	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.36	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.17	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Bis(2-chloroisopropyl) ether	ND		4.9	0.41	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Bis(2-ethylhexyl) phthalate	ND		4.9	4.6	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Butyl benzyl phthalate	ND		4.9	1.7	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Carbazole	1.3	J	4.9	0.086	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Chrysene	ND		4.9	0.27	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Dibenz[a,h]anthracene	ND		4.9	0.19	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Dibenzofuran	ND		4.9	0.095	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Diethyl phthalate	ND		4.9	0.11	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Dimethyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Di-n-butyl phthalate	ND		4.9	0.29	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Di-n-octyl phthalate	ND		4.9	0.23	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Fluoranthene	ND		4.9	0.095	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Fluorene	ND		4.9	0.072	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Hexachlorobenzene	ND		4.9	0.43	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Hexachlorobutadiene	ND		4.9	2.5	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Hexachlorocyclopentadiene	ND		4.9	2.4	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Hexachloroethane	ND		4.9	2.7	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Indeno[1,2,3-cd]pyrene	ND		4.9	0.15	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Isophorone	ND		4.9	0.31	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C

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SDG Number: RSI0296

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Received: 09/08/09-09/10/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-4 (RSI0312-04 - Water) - cont.					Sampled: 09/09/09 12:15			Recvd: 09/09/09 16:00		

Semivolatile Organics by GC/MS - cont.

Naphthalene	4.3	J	4.9	0.11	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Nitrobenzene	ND		4.9	0.52	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.44	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
N-Nitrosodiphenylamine	ND	L	4.9	0.25	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Pentachlorophenol	ND		9.7	5.0	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Phenanthrene	ND		4.9	0.11	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Phenol	ND		4.9	0.43	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
Pyrene	ND		4.9	0.066	ug/L	1.00	09/12/09 00:04	JLG	9I10037	8270C
2,4,6-Tribromophenol	106 %		Surr Limits: (52-132%)				09/12/09 00:04	JLG	9I10037	8270C
2-Fluorobiphenyl	92 %		Surr Limits: (48-120%)				09/12/09 00:04	JLG	9I10037	8270C
2-Fluorophenol	43 %		Surr Limits: (20-120%)				09/12/09 00:04	JLG	9I10037	8270C
Nitrobenzene-d5	74 %		Surr Limits: (46-120%)				09/12/09 00:04	JLG	9I10037	8270C
Phenol-d5	35 %		Surr Limits: (16-120%)				09/12/09 00:04	JLG	9I10037	8270C
p-Terphenyl-d14	106 %		Surr Limits: (24-136%)				09/12/09 00:04	JLG	9I10037	8270C

Organochlorine Pesticides by EPA Method 8081A

4,4'-DDD [2C]	ND		0.051	0.017	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
4,4'-DDE [2C]	0.021	J	0.051	0.012	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
4,4'-DDT [2C]	ND		0.051	0.011	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Aldrin [2C]	ND		0.051	0.0067	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
alpha-BHC [2C]	ND		0.051	0.0067	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
alpha-Chlordane [2C]	ND		0.051	0.015	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
beta-BHC [2C]	ND		0.051	0.025	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Chlordane [2C]	ND		0.51	0.029	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
delta-BHC [2C]	ND		0.051	0.010	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Dieldrin [2C]	ND		0.051	0.020	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Endosulfan I [2C]	ND		0.051	0.011	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Endosulfan II [2C]	ND		0.051	0.012	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Endosulfan sulfate [2C]	ND		0.051	0.016	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Endrin [2C]	ND		0.051	0.014	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Endrin aldehyde [2C]	ND		0.051	0.016	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Endrin ketone [2C]	ND		0.051	0.012	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
gamma-BHC (Lindane) [2C]	0.041	J	0.051	0.0061	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
gamma-Chlordane [2C]	0.012	J	0.051	0.011	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Heptachlor [2C]	ND		0.051	0.0086	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Heptachlor epoxide [2C]	ND		0.051	0.0054	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Methoxychlor [2C]	ND		0.051	0.014	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Toxaphene [2C]	ND		0.51	0.12	ug/L	1.00	09/17/09 07:15	tch	9I11039	8081A
Decachlorobiphenyl [2C]	84 %		Surr Limits: (15-139%)				09/17/09 07:15	tch	9I11039	8081A
Tetrachloro-m-xylene [2C]	68 %		Surr Limits: (30-139%)				09/17/09 07:15	tch	9I11039	8081A

Polychlorinated Biphenyls by EPA Method 8082

Aroclor 1016	ND		0.51	0.18	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082
Aroclor 1221	ND		0.51	0.18	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082
Aroclor 1232	ND		0.51	0.18	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082
Aroclor 1242	3.5		0.51	0.18	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082
Aroclor 1248	ND		0.51	0.18	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SUMP-4 (RSI0312-04 - Water) - cont.						Sampled: 09/09/09 12:15		Recvd: 09/09/09 16:00		

Polychlorinated Biphenyls by EPA Method 8082 - cont.

Aroclor 1254	ND		0.51	0.25	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082
Aroclor 1260	ND		0.51	0.25	ug/L	1.00	09/15/09 02:17	JxM	9I11040	8082
Decachlorobiphenyl	74 %		Surr Limits: (12-137%)				09/15/09 02:17	JxM	9I11040	8082
Tetrachloro-m-xylene	110 %		Surr Limits: (35-121%)				09/15/09 02:17	JxM	9I11040	8082

Total Metals by SW 846 Series Methods

Aluminum	0.316	B	0.200	0.040	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Antimony	ND		0.0200	0.0055	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Arsenic	0.0094	J	0.0100	0.0056	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Barium	0.0193		0.0020	0.0003	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Beryllium	ND		0.0020	0.0002	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Cadmium	ND		0.0010	0.0003	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Calcium	121	B	0.5	0.1	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Chromium	0.0012	J	0.0040	0.0009	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Cobalt	ND		0.0040	0.0005	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Copper	0.0176		0.0100	0.0013	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Iron	0.370		0.050	0.019	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Lead	ND		0.0050	0.0029	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Magnesium	1.01		0.200	0.043	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Manganese	0.0664		0.0030	0.0002	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Nickel	0.0045	J	0.0100	0.0013	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Potassium	50.8		0.500	0.050	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Selenium	ND		0.0150	0.0087	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Silver	ND		0.0030	0.0012	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Sodium	50.5		1.0	0.3	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Thallium	ND		0.0200	0.0077	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Vanadium	0.0046	J	0.0050	0.0011	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Zinc	0.250		0.0100	0.0015	mg/L	1.00	09/11/09 23:18	DAN	9I10056	6010B
Mercury	ND		0.0002	0.0001	mg/L	1.00	09/10/09 14:27	MLD	9I10020	7470A

General Chemistry Parameters

Total Cyanide	0.0063	J	0.0100	0.0050	mg/L	1.00	09/15/09 09:23	jmm	9I11032	9012A
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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: trip blank (RSI0296-07 - Water)						Sampled: 09/08/09		Recvd: 09/08/09 14:10		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,2-Dichloropropane	ND		1.0	0.32	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	09/10/09 23:52	TWS	9I10085	8260B
1,2-Dichloroethane-d4	102 %		Surr Limits: (66-137%)				09/10/09 23:52	TWS	9I10085	8260B
4-Bromofluorobenzene	99 %		Surr Limits: (73-120%)				09/10/09 23:52	TWS	9I10085	8260B
Toluene-d8	109 %		Surr Limits: (71-126%)				09/10/09 23:52	TWS	9I10085	8260B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
9012A	9114094	RSI0296-06	50.00	mL	50.00	mL	09/14/09 18:30	JME	Cn Digestion
Organochlorine Pesticides by EPA Method 8081A									
8081A	9111039	RSI0296-06	1,020.00	mL	10.00	mL	09/11/09 15:18	LTT	3510C GC
Polychlorinated Biphenyls by EPA Method 8082									
8082	9111040	RSI0296-06	1,020.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9111040	RSI0296-01	1,040.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9111040	RSI0296-05	1,040.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9111040	RSI0296-04	1,045.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
Semivolatile Organics by GC/MS									
8270C	9110037	RSI0296-06	1,010.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9110037	RSI0296-01	1,020.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9110037	RSI0296-05	1,040.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9110037	RSI0296-04	1,060.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
Total Metals by SW 846 Series Methods									
6010B	9110056	RSI0296-06	50.00	mL	50.00	mL	09/11/09 09:30	KCW	3005A
7470A	9110075	RSI0296-06	30.00	mL	50.00	mL	09/11/09 09:30	MLD	7470A
Volatile Organic Compounds by EPA 8260B									
8260B	9110085	RSI0296-01	5.00	mL	5.00	mL	09/10/09 19:12	NMD	5030B MS
8260B	9110085	RSI0296-04	5.00	mL	5.00	mL	09/10/09 19:12	NMD	5030B MS
8260B	9110085	RSI0296-05	5.00	mL	5.00	mL	09/10/09 19:12	NMD	5030B MS
8260B	9110085	RSI0296-06	5.00	mL	5.00	mL	09/10/09 19:12	NMD	5030B MS
8260B	9110085	RSI0296-07	5.00	mL	5.00	mL	09/10/09 19:12	NMD	5030B MS

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
9012A	9116009	RSI0312-02	50.00	mL	50.00	mL	09/16/09 03:04	JFR	Cn Digestion
9012A	9116009	RSI0312-03	50.00	mL	50.00	mL	09/16/09 03:04	JFR	Cn Digestion
9012A	9111032	RSI0312-01	50.00	mL	50.00	mL	09/11/09 09:36	JMM	Cn Digestion
9012A	9111032	RSI0312-04	50.00	mL	50.00	mL	09/11/09 09:36	JMM	Cn Digestion
Organochlorine Pesticides by EPA Method 8081A									
8081A	9111039	RSI0312-01	820.00	mL	10.00	mL	09/11/09 15:18	LTT	3510C GC
8081A	9111039	RSI0312-02	960.00	mL	10.00	mL	09/11/09 15:18	LTT	3510C GC
8081A	9111039	RSI0312-04	990.00	mL	10.00	mL	09/11/09 15:18	LTT	3510C GC
8081A	9111039	RSI0312-03	1,000.00	mL	10.00	mL	09/11/09 15:18	LTT	3510C GC
Polychlorinated Biphenyls by EPA Method 8082									
8082	9111040	RSI0312-01	820.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
8082	9I11040	RSI0312-06	950.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9I11040	RSI0312-02	960.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9I11040	RSI0312-05	960.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9I11040	RSI0312-04	990.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9I11040	RSI0312-03	1,000.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
8082	9I11040	RSI0312-07	1,010.00	mL	10.00	mL	09/11/09 15:19	LTT	3510C GC
Semivolatile Organics by GC/MS									
8270C	9I10037	RSI0312-01	900.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9I10037	RSI0312-02	1,010.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9I10037	RSI0312-03	1,020.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9I10037	RSI0312-05	1,020.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9I10037	RSI0312-07	1,020.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9I10037	RSI0312-04	1,030.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
8270C	9I10037	RSI0312-06	1,030.00	mL	1.00	mL	09/10/09 16:00	LTT	3510C MB
Total Metals by SW 846 Series Methods									
6010B	9I10056	RSI0312-01	50.00	mL	50.00	mL	09/11/09 09:30	KCW	3005A
6010B	9I10056	RSI0312-02	50.00	mL	50.00	mL	09/11/09 09:30	KCW	3005A
6010B	9I10056	RSI0312-03	50.00	mL	50.00	mL	09/11/09 09:30	KCW	3005A
6010B	9I10056	RSI0312-04	50.00	mL	50.00	mL	09/11/09 09:30	KCW	3005A
7470A	9I10020	RSI0312-01	30.00	mL	50.00	mL	09/10/09 09:50	MLD	7470A
7470A	9I10020	RSI0312-02	30.00	mL	50.00	mL	09/10/09 09:50	MLD	7470A
7470A	9I10020	RSI0312-03	30.00	mL	50.00	mL	09/10/09 09:50	MLD	7470A
7470A	9I10020	RSI0312-04	30.00	mL	50.00	mL	09/10/09 09:50	MLD	7470A
Volatile Organic Compounds by EPA 8260B									
8260B	9I11028	RSI0312-01	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0312-02	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0312-03	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0312-04	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0312-05	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0312-06	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0312-07	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082									
8082	9I14004	RSI0359-04	980.00	mL	10.00	mL	09/14/09 15:00	KMB	3510C GC
8082	9I14004	RSI0359-02	1,000.00	mL	10.00	mL	09/14/09 15:00	KMB	3510C GC

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Cheektowaga, NY 14225

SDG Number: RSI0296

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Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
8082	9I14004	RSI0359-03	1,000.00	mL	10.00	mL	09/14/09 15:00	KMB	3510C GC
8082	9I14004	RSI0359-01	1,040.00	mL	10.00	mL	09/14/09 15:00	KMB	3510C GC
Semivolatile Organics by GC/MS									
8270C	9I10100	RSI0359-04	900.00	mL	1.00	mL	09/11/09 08:00	EKD	3510C MB
8270C	9I10100	RSI0359-03	960.00	mL	1.00	mL	09/11/09 08:00	EKD	3510C MB
8270C	9I10100	RSI0359-02	1,000.00	mL	1.00	mL	09/11/09 08:00	EKD	3510C MB
8270C	9I10100	RSI0359-01	1,005.00	mL	1.00	mL	09/11/09 08:00	EKD	3510C MB
Volatile Organic Compounds by EPA 8260B									
8260B	9I11028	RSI0359-01	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0359-03	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0359-04	5.00	mL	5.00	mL	09/11/09 09:45	TRB	5030B MS
8260B	9I11028	RSI0359-02	5.00	mL	5.00	mL	09/11/09 09:45	TWS	5030B MS

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
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SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 09/10/09 (Lab Number:9I10085-BLK1, Batch: 9I10085)											
1,1,1-Trichloroethane			1.0	0.26	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.32	ug/L	ND					
2-Butanone			5.0	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone			5.0	0.91	ug/L	ND					
Acetone			5.0	1.3	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.28	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.32	ug/L	ND					
Dibromochloromethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Ethylbenzene			1.0	0.18	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.18	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Vinyl chloride			1.0	0.24	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					

Surrogate:	ug/L	103	66-137
1,2-Dichloroethane-d4			
Surrogate:	ug/L	103	73-120
4-Bromofluorobenzene			
Surrogate: Toluene-d8	ug/L	109	71-126

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Volatile Organic Compounds by EPA 8260B

LCS Analyzed: 09/10/09 (Lab Number:9I10085-BS1, Batch: 9I10085)

1,1,1-Trichloroethane	25	1.0	0.26	ug/L	23.1	93	78-124
1,1,2,2-Tetrachloroethane	25	1.0	0.21	ug/L	26.3	105	77-119
1,1,2-Trichloroethane	25	1.0	0.23	ug/L	26.6	106	81-115
1,1-Dichloroethane	25	1.0	0.38	ug/L	23.8	95	78-120
1,1-Dichloroethene	25	1.0	0.29	ug/L	25.9	104	73-143
1,2-Dichloroethane	25	1.0	0.21	ug/L	24.3	97	77-122
1,2-Dichloroethene, Total	50	2.0	0.70	ug/L	49.3	99	80-120
1,2-Dichloropropane	25	1.0	0.32	ug/L	24.0	96	80-117
2-Butanone	120	5.0	1.3	ug/L	121	97	67-131
2-Hexanone	120	5.0	1.2	ug/L	130	104	77-126
4-Methyl-2-pentanone	120	5.0	0.91	ug/L	128	102	80-121
Acetone	120	5.0	1.3	ug/L	120	96	65-128
Benzene	25	1.0	0.41	ug/L	24.6	98	79-121
Bromodichloromethane	25	1.0	0.39	ug/L	22.7	91	80-122
Bromoform	25	1.0	0.26	ug/L	19.7	79	69-126
Bromomethane	25	1.0	0.28	ug/L	26.5	106	46-148
Carbon disulfide	25	1.0	0.19	ug/L	23.7	95	62-131
Carbon Tetrachloride	25	1.0	0.27	ug/L	22.5	90	75-130
Chlorobenzene	25	1.0	0.32	ug/L	25.5	102	79-118
Dibromochloromethane	25	1.0	0.32	ug/L	24.2	97	76-121
Chloroethane	25	1.0	0.32	ug/L	24.2	97	69-136
Chloroform	25	1.0	0.34	ug/L	24.0	96	78-120
Chloromethane	25	1.0	0.35	ug/L	21.6	86	62-126
cis-1,3-Dichloropropene	25	1.0	0.36	ug/L	24.1	96	79-120
Ethylbenzene	25	1.0	0.18	ug/L	25.2	101	81-117
Methylene Chloride	25	1.0	0.44	ug/L	23.7	95	61-120
Styrene	25	1.0	0.18	ug/L	28.6	114	81-119
Tetrachloroethene	25	1.0	0.36	ug/L	25.5	102	77-120
Toluene	25	1.0	0.51	ug/L	25.2	101	77-119
trans-1,3-Dichloropropene	25	1.0	0.37	ug/L	23.5	94	77-119
Trichloroethene	25	1.0	0.46	ug/L	25.4	102	80-121
Vinyl chloride	25	1.0	0.24	ug/L	21.1	84	68-127
Xylenes, total	75	2.0	0.66	ug/L	75.3	100	80-117

Surrogate:				ug/L	102	66-137
1,2-Dichloroethane-d4				ug/L	108	73-120
Surrogate:						
4-Bromofluorobenzene						
Surrogate: Toluene-d8				ug/L	113	71-126

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 09/11/09 (Lab Number:9I10085-MS1, Batch: 9I10085)											
QC Source Sample: RSI0296-01											
1,1,1-Trichloroethane	ND	100	4.0	1.1	ug/L	105	105	78-124			D03
1,1,2,2-Tetrachloroethane	ND	100	4.0	0.85	ug/L	103	103	77-119			D03
1,1,2-Trichloroethane	ND	100	4.0	0.92	ug/L	102	102	81-115			D03
1,1-Dichloroethane	ND	100	4.0	1.5	ug/L	102	102	71-129			D03
1,1-Dichloroethene	ND	100	4.0	1.2	ug/L	113	113	73-143			D03
1,2-Dichloroethane	ND	100	4.0	0.86	ug/L	94.8	95	77-122			D03
1,2-Dichloroethene, Total	ND	200	8.0	2.8	ug/L	214	107	80-120			D03
1,2-Dichloropropane	ND	100	4.0	1.3	ug/L	101	101	80-117			D03
2-Butanone	ND	500	20	5.3	ug/L	468	94	67-131			D03
2-Hexanone	ND	500	20	5.0	ug/L	512	102	77-126			D03
4-Methyl-2-pentanone	ND	500	20	3.6	ug/L	499	100	80-121			D03
Acetone	ND	500	20	5.4	ug/L	454	91	65-128			D03
Benzene	ND	100	4.0	1.6	ug/L	105	105	79-121			D03
Bromodichloromethane	ND	100	4.0	1.5	ug/L	92.3	92	80-122			D03
Bromoform	ND	100	4.0	1.0	ug/L	65.4	65	69-126			D03,M8
Bromomethane	ND	100	4.0	1.1	ug/L	219	219	46-148			D03,M7
Carbon disulfide	ND	100	4.0	0.78	ug/L	107	107	62-131			D03
Carbon Tetrachloride	ND	100	4.0	1.1	ug/L	100	100	75-130			D03
Chlorobenzene	ND	100	4.0	1.3	ug/L	104	104	79-118			D03
Dibromochloromethane	ND	100	4.0	1.3	ug/L	84.2	84	76-121			D03
Chloroethane	ND	100	4.0	1.3	ug/L	139	139	69-136			D03,M7
Chloroform	ND	100	4.0	1.3	ug/L	103	103	78-120			D03
Chloromethane	ND	100	4.0	1.4	ug/L	96.6	97	62-126			D03
cis-1,3-Dichloropropene	ND	100	4.0	1.4	ug/L	94.3	94	79-120			D03
Ethylbenzene	ND	100	4.0	0.74	ug/L	105	105	81-117			D03
Methylene Chloride	ND	100	4.0	1.8	ug/L	115	115	61-120			D03
Styrene	ND	100	4.0	0.74	ug/L	110	110	81-119			D03
Tetrachloroethene	ND	100	4.0	1.5	ug/L	108	108	77-120			D03
Toluene	ND	100	4.0	2.0	ug/L	102	102	77-119			D03
trans-1,3-Dichloropropene	ND	100	4.0	1.5	ug/L	88.9	89	77-119			D03
Trichloroethene	ND	100	4.0	1.8	ug/L	106	106	80-121			D03
Vinyl chloride	ND	100	4.0	0.97	ug/L	97.4	97	68-127			D03
Xylenes, total	ND	300	8.0	2.6	ug/L	313	104	80-117			D03

Surrogate: 1,2-Dichloroethane-d4 ug/L 102 66-137 D03

Surrogate: 4-Bromofluorobenzene ug/L 108 73-120 D03

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Volatile Organic Compounds by EPA 8260B

Matrix Spike Analyzed: 09/11/09 (Lab Number:9I10085-MS1, Batch: 9I10085)

QC Source Sample: RSI0296-01

Surrogate: Toluene-d8 ug/L 112 71-126 D03

Matrix Spike Dup Analyzed: 09/11/09 (Lab Number:9I10085-MSD1, Batch: 9I10085)

QC Source Sample: RSI0296-01

1,1,1-Trichloroethane	ND	100	4.0	1.1	ug/L	111	111	78-124	5	15	D03,M8
1,1,2,2-Tetrachloroethane	ND	100	4.0	0.85	ug/L	106	106	77-119	3	15	D03,M8
1,1,2-Trichloroethane	ND	100	4.0	0.92	ug/L	106	106	81-115	4	15	D03,M8
1,1-Dichloroethane	ND	100	4.0	1.5	ug/L	109	109	71-129	6	20	D03,M8
1,1-Dichloroethene	ND	100	4.0	1.2	ug/L	122	122	73-143	7	16	D03,M8
1,2-Dichloroethane	ND	100	4.0	0.86	ug/L	99.6	100	77-122	5	20	D03,M8
1,2-Dichloroethene, Total	ND	200	8.0	2.8	ug/L	227	113	80-120	6	20	D03,M8
1,2-Dichloropropane	ND	100	4.0	1.3	ug/L	103	103	80-117	2	20	D03,M8
2-Butanone	ND	500	20	5.3	ug/L	496	99	67-131	6	20	D03,M8
2-Hexanone	ND	500	20	5.0	ug/L	538	108	77-126	5	15	D03,M8
4-Methyl-2-pentanone	ND	500	20	3.6	ug/L	527	105	80-121	5	35	D03,M8
Acetone	ND	500	20	5.4	ug/L	485	97	65-128	7	15	D03,M8
Benzene	ND	100	4.0	1.6	ug/L	109	109	79-121	4	13	D03,M8
Bromodichloromethane	ND	100	4.0	1.5	ug/L	94.5	94	80-122	2	15	D03,M8
Bromoform	ND	100	4.0	1.0	ug/L	68.7	69	69-126	5	15	D03,M8
Bromomethane	ND	100	4.0	1.1	ug/L	239	239	46-148	9	15	D03,M8,M7
Carbon disulfide	ND	100	4.0	0.78	ug/L	114	114	62-131	6	15	D03,M8
Carbon Tetrachloride	ND	100	4.0	1.1	ug/L	108	108	75-130	7	15	D03,M8
Chlorobenzene	ND	100	4.0	1.3	ug/L	109	109	79-118	5	25	D03,M8
Dibromochloromethane	ND	100	4.0	1.3	ug/L	92.2	92	76-121	9	15	D03,M8
Chloroethane	ND	100	4.0	1.3	ug/L	158	158	69-136	12	15	D03,M8,M7
Chloroform	ND	100	4.0	1.3	ug/L	106	106	78-120	4	20	D03,M8
Chloromethane	ND	100	4.0	1.4	ug/L	102	102	62-126	6	15	D03,M8
cis-1,3-Dichloropropene	ND	100	4.0	1.4	ug/L	98.0	98	79-120	4	15	D03,M8
Ethylbenzene	ND	100	4.0	0.74	ug/L	109	109	81-117	4	15	D03,M8
Methylene Chloride	ND	100	4.0	1.8	ug/L	121	121	61-120	5	15	D03,M8,M7
Styrene	ND	100	4.0	0.74	ug/L	115	115	81-119	4	20	D03,M8
Tetrachloroethene	ND	100	4.0	1.5	ug/L	112	112	77-120	4	20	D03,M8
Toluene	ND	100	4.0	2.0	ug/L	108	108	77-119	5	15	D03,M8
trans-1,3-Dichloropropene	ND	100	4.0	1.5	ug/L	91.0	91	77-119	2	15	D03,M8
Trichloroethene	ND	100	4.0	1.8	ug/L	111	111	80-121	5	16	D03,M8

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Volatile Organic Compounds by EPA 8260B

Matrix Spike Dup Analyzed: 09/11/09 (Lab Number:9I10085-MSD1, Batch: 9I10085)

QC Source Sample: RSI0296-01

Vinyl chloride	ND	100	4.0	0.97	ug/L	104	104	68-127	6	15	D03,M8
Xylenes, total	ND	300	8.0	2.6	ug/L	322	107	80-117	3	16	D03,M8
Surrogate:					ug/L		101	66-137			D03,M8
1,2-Dichloroethane-d4					ug/L		107	73-120			D03,M8
Surrogate:					ug/L						
4-Bromofluorobenzene					ug/L		110	71-126			D03,M8
Surrogate: Toluene-d8					ug/L						

Volatile Organic Compounds by EPA 8260B

Blank Analyzed: 09/11/09 (Lab Number:9I11028-BLK1, Batch: 9I11028)

1,1,1-Trichloroethane	1.0	0.26	ug/L	ND
1,1,2,2-Tetrachloroethane	1.0	0.21	ug/L	ND
1,1,2-Trichloroethane	1.0	0.23	ug/L	ND
1,1-Dichloroethane	1.0	0.38	ug/L	ND
1,1-Dichloroethene	1.0	0.29	ug/L	ND
1,2-Dichloroethane	1.0	0.21	ug/L	ND
1,2-Dichloroethene, Total	2.0	0.70	ug/L	ND
1,2-Dichloropropane	1.0	0.32	ug/L	ND
2-Butanone	5.0	1.3	ug/L	ND
2-Hexanone	5.0	1.2	ug/L	ND
4-Methyl-2-pentanone	5.0	0.91	ug/L	ND
Acetone	5.0	1.3	ug/L	ND
Benzene	1.0	0.41	ug/L	ND
Bromodichloromethane	1.0	0.39	ug/L	ND
Bromoform	1.0	0.26	ug/L	ND
Bromomethane	1.0	0.28	ug/L	ND
Carbon disulfide	1.0	0.19	ug/L	ND
Carbon Tetrachloride	1.0	0.27	ug/L	ND
Chlorobenzene	1.0	0.32	ug/L	ND
Dibromochloromethane	1.0	0.32	ug/L	ND
Chloroethane	1.0	0.32	ug/L	ND
Chloroform	1.0	0.34	ug/L	ND
Chloromethane	1.0	0.35	ug/L	ND
cis-1,3-Dichloropropene	1.0	0.36	ug/L	ND
Ethylbenzene	1.0	0.18	ug/L	ND
Methylene Chloride	1.0	0.44	ug/L	ND
Styrene	1.0	0.18	ug/L	ND

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SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Blank Analyzed: 09/11/09 (Lab Number:9I11028-BLK1, Batch: 9I11028)											
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Vinyl chloride			1.0	0.24	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
<i>Surrogate:</i>						ug/L	99	66-137			
<i>1,2-Dichloroethane-d4</i>						ug/L	100	73-120			
<i>Surrogate:</i>						ug/L					
<i>4-Bromofluorobenzene</i>						ug/L	108	71-126			
<i>Surrogate: Toluene-d8</i>						ug/L					
LCS Analyzed: 09/11/09 (Lab Number:9I11028-BS1, Batch: 9I11028)											
1,1,1-Trichloroethane		25	1.0	0.26	ug/L	22.5	90	78-124			
1,1,2,2-Tetrachloroethane		25	1.0	0.21	ug/L	25.4	102	77-119			
1,1,2-Trichloroethane		25	1.0	0.23	ug/L	25.0	100	81-115			
1,1-Dichloroethane		25	1.0	0.38	ug/L	23.1	92	78-120			
1,1-Dichloroethene		25	1.0	0.29	ug/L	25.2	101	73-143			
1,2-Dichloroethane		25	1.0	0.21	ug/L	23.6	94	77-122			
1,2-Dichloroethene, Total		50	2.0	0.70	ug/L	48.3	97	80-120			
1,2-Dichloropropane		25	1.0	0.32	ug/L	23.3	93	80-117			
2-Butanone		120	5.0	1.3	ug/L	121	96	67-131			
2-Hexanone		120	5.0	1.2	ug/L	128	102	77-126			
4-Methyl-2-pentanone		120	5.0	0.91	ug/L	123	98	80-121			
Acetone		120	5.0	1.3	ug/L	121	97	65-128			
Benzene		25	1.0	0.41	ug/L	23.9	96	79-121			
Bromodichloromethane		25	1.0	0.39	ug/L	22.5	90	80-122			
Bromoform		25	1.0	0.26	ug/L	18.3	73	69-126			
Bromomethane		25	1.0	0.28	ug/L	28.5	114	46-148			
Carbon disulfide		25	1.0	0.19	ug/L	23.9	96	62-131			
Carbon Tetrachloride		25	1.0	0.27	ug/L	22.6	90	75-130			
Chlorobenzene		25	1.0	0.32	ug/L	24.7	99	79-118			
Dibromochloromethane		25	1.0	0.32	ug/L	22.9	92	76-121			
Chloroethane		25	1.0	0.32	ug/L	26.5	106	69-136			
Chloroform		25	1.0	0.34	ug/L	23.4	94	78-120			
Chloromethane		25	1.0	0.35	ug/L	20.8	83	62-126			
cis-1,3-Dichloropropene		25	1.0	0.36	ug/L	23.7	95	79-120			
Ethylbenzene		25	1.0	0.18	ug/L	23.9	96	81-117			
Methylene Chloride		25	1.0	0.44	ug/L	23.5	94	61-120			

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Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 09/11/09 (Lab Number:9I11028-BS1, Batch: 9I11028)											
Styrene		25	1.0	0.18	ug/L	27.4	110	81-119			
Tetrachloroethene		25	1.0	0.36	ug/L	24.4	97	77-120			
Toluene		25	1.0	0.51	ug/L	23.6	94	77-119			
trans-1,3-Dichloropropene		25	1.0	0.37	ug/L	22.4	90	77-119			
Trichloroethene		25	1.0	0.46	ug/L	24.0	96	80-121			
Vinyl chloride		25	1.0	0.24	ug/L	19.8	79	68-127			
Xylenes, total		75	2.0	0.66	ug/L	72.8	97	80-117			
Surrogate:					ug/L		101	66-137			
1,2-Dichloroethane-d4											
Surrogate:					ug/L		103	73-120			
4-Bromofluorobenzene											
Surrogate: Toluene-d8					ug/L		110	71-126			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
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SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

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Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Semivolatile Organics by GC/MS

Blank Analyzed: 09/11/09 (Lab Number:9110037-BLK1, Batch: 9110037)

1,2,4-Trichlorobenzene			10	0.11	ug/L	ND					
1,2-Dichlorobenzene			10	0.14	ug/L	ND					
1,3-Dichlorobenzene			10	0.14	ug/L	ND					
1,4-Dichlorobenzene			10	0.16	ug/L	ND					
2,4,5-Trichlorophenol			5.0	0.99	ug/L	ND					
2,4,6-Trichlorophenol			5.0	0.99	ug/L	ND					
2,4-Dichlorophenol			5.0	0.79	ug/L	ND					
2,4-Dimethylphenol			5.0	0.96	ug/L	ND					
2,4-Dinitrophenol			10	2.2	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.45	ug/L	ND					L
2,6-Dinitrotoluene			5.0	0.51	ug/L	ND					
2-Chloronaphthalene			5.0	0.084	ug/L	ND					
2-Chlorophenol			5.0	0.51	ug/L	ND					
2-Methylnaphthalene			5.0	0.082	ug/L	ND					
2-Methylphenol			5.0	0.23	ug/L	ND					
2-Nitroaniline			10	0.50	ug/L	ND					
2-Nitrophenol			5.0	0.60	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.37	ug/L	ND					
3-Nitroaniline			10	1.5	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	2.3	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.90	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.60	ug/L	ND					
4-Chloroaniline			5.0	0.33	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.17	ug/L	ND					
4-Methylphenol			10	0.58	ug/L	ND					
4-Nitroaniline			10	0.46	ug/L	ND					
4-Nitrophenol			10	1.5	ug/L	ND					
Acenaphthene			5.0	0.11	ug/L	ND					
Acenaphthylene			5.0	0.047	ug/L	ND					
Anthracene			5.0	0.056	ug/L	ND					
Benzo[a]anthracene			5.0	0.064	ug/L	ND					
Benzo[a]pyrene			5.0	0.091	ug/L	ND					
Benzo[b]fluoranthene			5.0	0.063	ug/L	ND					
Benzo[g,h,i]perylene			5.0	0.078	ug/L	ND					
Benzo[k]fluoranthene			5.0	0.066	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Semivolatile Organics by GC/MS

Blank Analyzed: 09/11/09 (Lab Number:9I10037-BLK1, Batch: 9I10037)

Bis(2-chloroethoxy)methane			5.0	0.38	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	0.18	ug/L	ND					
Bis(2-chloroisopropyl) ether			5.0	0.42	ug/L	ND					
Bis(2-ethylhexyl) phthalate			5.0	4.8	ug/L	ND					
Butyl benzyl phthalate			5.0	1.7	ug/L	ND					
Carbazole			5.0	0.089	ug/L	ND					
Chrysene			5.0	0.27	ug/L	ND					
Dibenz[a,h]anthracene			5.0	0.20	ug/L	ND					
Dibenzofuran			5.0	0.098	ug/L	ND					
Diethyl phthalate			5.0	0.11	ug/L	ND					
Dimethyl phthalate			5.0	0.30	ug/L	ND					
Di-n-butyl phthalate			5.0	0.30	ug/L	ND					
Di-n-octyl phthalate			5.0	0.24	ug/L	ND					
Fluoranthene			5.0	0.098	ug/L	ND					
Fluorene			5.0	0.074	ug/L	ND					
Hexachlorobenzene			5.0	0.45	ug/L	ND					
Hexachlorobutadiene			5.0	2.6	ug/L	ND					
Hexachlorocyclopentadiene			5.0	2.5	ug/L	ND					
Hexachloroethane			5.0	2.8	ug/L	ND					
Indeno[1,2,3-cd]pyrene			5.0	0.15	ug/L	ND					
Isophorone			5.0	0.32	ug/L	ND					
Naphthalene			5.0	0.12	ug/L	ND					
Nitrobenzene			5.0	0.54	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.45	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.26	ug/L	ND					L
Pentachlorophenol			10	5.1	ug/L	ND					
Phenanthrene			5.0	0.11	ug/L	ND					
Phenol			5.0	0.45	ug/L	ND					
Pyrene			5.0	0.068	ug/L	ND					

Surrogate:	ug/L	106	52-132
2,4,6-Tribromophenol			
Surrogate:	ug/L	101	48-120
2-Fluorobiphenyl			
Surrogate:	ug/L	47	20-120
2-Fluorophenol			
Surrogate:	ug/L	101	46-120
Nitrobenzene-d5			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Semivolatile Organics by GC/MS

Blank Analyzed: 09/11/09 (Lab Number:9I10037-BLK1, Batch: 9I10037)

Surrogate: Phenol-d5

ug/L 38 16-120

Surrogate:

ug/L 108 24-136

p-Terphenyl-d14

LCS Analyzed: 09/11/09 (Lab Number:9I10037-BS1, Batch: 9I10037)

1,2,4-Trichlorobenzene	100	10	0.11	ug/L	89.9	90	40-120				
1,2-Dichlorobenzene	100	10	0.14	ug/L	72.7	73	33-120				
1,3-Dichlorobenzene	100	10	0.14	ug/L	73.6	74	28-120				
1,4-Dichlorobenzene	100	10	0.16	ug/L	71.7	72	32-120				
2,4,5-Trichlorophenol	100	5.0	0.99	ug/L	119	119	65-126				
2,4,6-Trichlorophenol	100	5.0	0.99	ug/L	115	115	64-120				
2,4-Dichlorophenol	100	5.0	0.79	ug/L	102	102	64-120				
2,4-Dimethylphenol	100	5.0	0.96	ug/L	105	105	57-120				
2,4-Dinitrophenol	100	10	2.2	ug/L	86.8	87	42-153				
2,4-Dinitrotoluene	100	5.0	0.45	ug/L	127	127	59-125				L1
2,6-Dinitrotoluene	100	5.0	0.51	ug/L	114	114	74-134				
2-Chloronaphthalene	100	5.0	0.084	ug/L	107	107	48-120				
2-Chlorophenol	100	5.0	0.51	ug/L	74.6	75	48-120				
2-Methylnaphthalene	100	5.0	0.082	ug/L	106	106	48-120				
2-Methylphenol	100	5.0	0.23	ug/L	77.3	77	39-120				
2-Nitroaniline	100	10	0.50	ug/L	134	134	67-136				
2-Nitrophenol	100	5.0	0.60	ug/L	98.2	98	59-120				
3,3'-Dichlorobenzidine	100	5.0	0.37	ug/L	129	129	33-140				
3-Nitroaniline	100	10	1.5	ug/L	107	107	69-129				
4,6-Dinitro-2-methylphenol	100	10	2.3	ug/L	113	113	64-159				
4-Bromophenyl phenyl ether	100	5.0	0.90	ug/L	114	114	71-126				
4-Chloro-3-methylphenol	100	5.0	0.60	ug/L	111	111	64-120				
4-Chloroaniline	100	5.0	0.33	ug/L	113	113	60-124				
4-Chlorophenyl phenyl ether	100	5.0	0.17	ug/L	111	111	71-122				
4-Methylphenol	100	10	0.58	ug/L	72.1	72	39-120				
4-Nitroaniline	100	10	0.46	ug/L	109	109	64-135				
4-Nitrophenol	100	10	1.5	ug/L	54.6	55	16-120				
Acenaphthene	100	5.0	0.11	ug/L	116	116	60-120				
Acenaphthylene	100	5.0	0.047	ug/L	117	117	63-120				
Anthracene	100	5.0	0.056	ug/L	122	122	69-131				
Benzo[a]anthracene	100	5.0	0.064	ug/L	132	132	73-138				
Benzo[a]pyrene	100	5.0	0.091	ug/L	119	119	74-126				

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SDG Number: RSI0296

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Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
LCS Analyzed: 09/11/09 (Lab Number:9I10037-BS1, Batch: 9I10037)											
Benzo[b]fluoranthene		100	5.0	0.063	ug/L	104	104	75-133			
Benzo[g,h,i]perylene		100	5.0	0.078	ug/L	119	119	66-152			
Benzo[k]fluoranthene		100	5.0	0.066	ug/L	117	117	66-134			
Bis(2-chloroethoxy)methane		100	5.0	0.38	ug/L	80.2	80	62-120			
Bis(2-chloroethyl)ether		100	5.0	0.18	ug/L	82.5	82	51-120			
Bis(2-chloroisopropyl) ether		100	5.0	0.42	ug/L	78.7	79	47-120			
Bis(2-ethylhexyl) phthalate		100	5.0	4.8	ug/L	136	136	69-136			
Butyl benzyl phthalate		100	5.0	1.7	ug/L	142	142	62-149			
Carbazole		100	5.0	0.089	ug/L	120	120	68-133			
Chrysene		100	5.0	0.27	ug/L	130	130	69-140			
Dibenz[a,h]anthracene		100	5.0	0.20	ug/L	117	117	67-144			
Dibenzofuran		100	5.0	0.098	ug/L	113	113	66-120			
Diethyl phthalate		100	5.0	0.11	ug/L	128	128	78-128			
Dimethyl phthalate		100	5.0	0.30	ug/L	120	120	73-127			
Di-n-butyl phthalate		100	5.0	0.30	ug/L	125	125	67-132			
Di-n-octyl phthalate		100	5.0	0.24	ug/L	139	139	72-145			
Fluoranthene		100	5.0	0.098	ug/L	118	118	67-133			
Fluorene		100	5.0	0.074	ug/L	123	123	66-129			
Hexachlorobenzene		100	5.0	0.45	ug/L	114	114	38-131			
Hexachlorobutadiene		100	5.0	2.6	ug/L	86.1	86	30-120			
Hexachlorocyclopentadiene		100	5.0	2.5	ug/L	90.8	91	23-120			
Hexachloroethane		100	5.0	2.8	ug/L	75.0	75	25-120			
Indeno[1,2,3-cd]pyrene		100	5.0	0.15	ug/L	121	121	69-146			
Isophorone		100	5.0	0.32	ug/L	104	104	64-120			
Naphthalene		100	5.0	0.12	ug/L	99.2	99	48-120			
Nitrobenzene		100	5.0	0.54	ug/L	104	104	52-120			
N-Nitrosodi-n-propylamine		100	5.0	0.45	ug/L	99.3	99	56-120			
N-Nitrosodiphenylamine		100	5.0	0.26	ug/L	146	146	25-125			L1
Pentachlorophenol		100	10	5.1	ug/L	114	114	39-136			
Phenanthrene		100	5.0	0.11	ug/L	119	119	67-130			
Phenol		100	5.0	0.45	ug/L	42.6	43	17-120			
Pyrene		100	5.0	0.068	ug/L	131	131	58-136			

Surrogate:
2,4,6-Tribromophenol

ug/L 113 52-132

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Semivolatile Organics by GC/MS

LCS Analyzed: 09/11/09 (Lab Number:9I10037-BS1, Batch: 9I10037)

Surrogate:					ug/L		105	48-120			
2-Fluorobiphenyl											
Surrogate:					ug/L		45	20-120			
2-Fluorophenol											
Surrogate:					ug/L		109	46-120			
Nitrobenzene-d5											
Surrogate: Phenol-d5					ug/L		35	16-120			
Surrogate:					ug/L		101	24-136			
p-Terphenyl-d14											

Matrix Spike Analyzed: 09/11/09 (Lab Number:9I10037-MS1, Batch: 9I10037)

QC Source Sample: RSI0296-01

1,2,4-Trichlorobenzene	ND	95	9.5	0.11	ug/L	72.6	76	40-120			
1,2-Dichlorobenzene	ND	95	9.5	0.14	ug/L	60.2	63	33-120			
1,3-Dichlorobenzene	ND	95	9.5	0.13	ug/L	59.9	63	28-120			
1,4-Dichlorobenzene	ND	95	9.5	0.15	ug/L	58.4	61	32-120			
2,4,5-Trichlorophenol	ND	95	4.8	0.94	ug/L	102	107	65-126			
2,4,6-Trichlorophenol	ND	95	4.8	0.95	ug/L	91.8	96	64-120			
2,4-Dichlorophenol	ND	95	4.8	0.75	ug/L	86.5	91	64-120			
2,4-Dimethylphenol	ND	95	4.8	0.92	ug/L	91.4	96	57-120			
2,4-Dinitrophenol	ND	95	9.5	2.1	ug/L	81.2	85	42-153			
2,4-Dinitrotoluene	ND	95	4.8	0.43	ug/L	103	108	59-125			L1
2,6-Dinitrotoluene	ND	95	4.8	0.48	ug/L	99.3	104	74-134			
2-Chloronaphthalene	ND	95	4.8	0.080	ug/L	84.2	88	48-120			
2-Chlorophenol	ND	95	4.8	0.48	ug/L	64.5	68	48-120			
2-Methylnaphthalene	ND	95	4.8	0.078	ug/L	85.4	90	48-120			
2-Methylphenol	ND	95	4.8	0.22	ug/L	63.0	66	39-120			
2-Nitroaniline	ND	95	9.5	0.47	ug/L	118	124	67-136			
2-Nitrophenol	ND	95	4.8	0.57	ug/L	77.0	81	59-120			
3,3'-Dichlorobenzidine	ND	95	4.8	0.36	ug/L	107	113	33-140			
3-Nitroaniline	ND	95	9.5	1.5	ug/L	93.5	98	69-129			
4,6-Dinitro-2-methylphenol	ND	95	9.5	2.2	ug/L	105	110	64-159			
4-Bromophenyl phenyl ether	ND	95	4.8	0.86	ug/L	96.9	102	71-126			
4-Chloro-3-methylphenol	ND	95	4.8	0.57	ug/L	99.8	105	64-120			
4-Chloroaniline	ND	95	4.8	0.32	ug/L	98.8	104	60-124			
4-Chlorophenyl phenyl ether	ND	95	4.8	0.16	ug/L	87.5	92	71-122			
4-Methylphenol	ND	95	9.5	0.55	ug/L	57.5	60	39-120			
4-Nitroaniline	ND	95	9.5	0.43	ug/L	99.0	104	64-135			
4-Nitrophenol	ND	95	9.5	1.5	ug/L	49.4	52	16-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
Matrix Spike Analyzed: 09/11/09 (Lab Number:9I10037-MS1, Batch: 9I10037)											
QC Source Sample: RSI0296-01											
Acenaphthene	ND	95	4.8	0.11	ug/L	95.1	100	60-120			
Acenaphthylene	ND	95	4.8	0.045	ug/L	93.2	98	63-120			
Anthracene	ND	95	4.8	0.053	ug/L	101	106	69-131			
Benzo[a]anthracene	ND	95	4.8	0.061	ug/L	97.4	102	73-138			
Benzo[a]pyrene	ND	95	4.8	0.087	ug/L	86.0	90	74-126			
Benzo[b]fluoranthene	ND	95	4.8	0.060	ug/L	77.5	81	75-133			
Benzo[g,h,i]perylene	ND	95	4.8	0.074	ug/L	86.3	91	66-152			
Benzo[k]fluoranthene	ND	95	4.8	0.063	ug/L	82.0	86	66-134			
Bis(2-chloroethoxy)methane	ND	95	4.8	0.36	ug/L	64.4	68	62-120			
Bis(2-chloroethyl)ether	ND	95	4.8	0.17	ug/L	64.3	68	51-120			
Bis(2-chloroisopropyl)ether	ND	95	4.8	0.40	ug/L	63.9	67	47-120			
Bis(2-ethylhexyl)phthalate	ND	95	4.8	4.5	ug/L	96.2	101	69-136			
Butyl benzyl phthalate	ND	95	4.8	1.7	ug/L	112	118	62-149			
Carbazole	ND	95	4.8	0.085	ug/L	106	111	68-133			
Chrysene	ND	95	4.8	0.26	ug/L	96.0	101	69-140			
Dibenz[a,h]anthracene	ND	95	4.8	0.19	ug/L	83.8	88	67-144			
Dibenzofuran	ND	95	4.8	0.093	ug/L	91.7	96	66-120			
Diethyl phthalate	ND	95	4.8	0.10	ug/L	112	118	78-128			
Dimethyl phthalate	ND	95	4.8	0.29	ug/L	98.8	104	73-127			
Di-n-butyl phthalate	ND	95	4.8	0.28	ug/L	102	108	67-132			
Di-n-octyl phthalate	ND	95	4.8	0.23	ug/L	101	106	72-145			
Fluoranthene	ND	95	4.8	0.093	ug/L	95.6	100	67-133			
Fluorene	ND	95	4.8	0.070	ug/L	99.1	104	66-129			
Hexachlorobenzene	ND	95	4.8	0.42	ug/L	86.6	91	38-131			
Hexachlorobutadiene	ND	95	4.8	2.5	ug/L	68.7	72	30-120			
Hexachlorocyclopentadiene	ND	95	4.8	2.4	ug/L	68.3	72	23-120			
Hexachloroethane	ND	95	4.8	2.7	ug/L	63.5	67	25-120			
Indeno[1,2,3-cd]pyrene	ND	95	4.8	0.15	ug/L	87.0	91	69-146			
Isophorone	ND	95	4.8	0.31	ug/L	84.8	89	64-120			
Naphthalene	ND	95	4.8	0.11	ug/L	80.0	84	48-120			
Nitrobenzene	ND	95	4.8	0.51	ug/L	83.5	88	52-120			
N-Nitrosodi-n-propylamine	ND	95	4.8	0.43	ug/L	85.9	90	56-120			
N-Nitrosodiphenylamine	ND	95	4.8	0.25	ug/L	130	136	25-125			L1,M11
Pentachlorophenol	ND	95	9.5	4.9	ug/L	111	117	39-136			

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
Matrix Spike Analyzed: 09/11/09 (Lab Number:9110037-MS1, Batch: 9110037)											
QC Source Sample: RSI0296-01											
Phenanthrene	ND	95	4.8	0.11	ug/L	102	107	67-130			
Phenol	ND	95	4.8	0.42	ug/L	32.5	34	17-120			
Pyrene	ND	95	4.8	0.065	ug/L	103	108	58-136			
Surrogate:					ug/L		105	52-132			
2,4,6-Tribromophenol					ug/L		84	48-120			
Surrogate:					ug/L		36	20-120			
2-Fluorobiphenyl					ug/L		90	46-120			
Surrogate:					ug/L		28	16-120			
2-Fluorophenol					ug/L		48	24-136			
Surrogate:					ug/L						
Nitrobenzene-d5					ug/L						
Surrogate: Phenol-d5					ug/L						
Surrogate:					ug/L						
p-Terphenyl-d14					ug/L						
Matrix Spike Dup Analyzed: 09/11/09 (Lab Number:9110037-MSD1, Batch: 9110037)											
QC Source Sample: RSI0296-01											
1,2,4-Trichlorobenzene	ND	96	9.6	0.11	ug/L	86.6	90	40-120	18	30	
1,2-Dichlorobenzene	ND	96	9.6	0.14	ug/L	69.1	72	33-120	14	29	
1,3-Dichlorobenzene	ND	96	9.6	0.13	ug/L	70.4	73	28-120	16	37	
1,4-Dichlorobenzene	ND	96	9.6	0.15	ug/L	72.3	75	32-120	21	36	
2,4,5-Trichlorophenol	ND	96	4.8	0.95	ug/L	117	121	65-126	13	18	
2,4,6-Trichlorophenol	ND	96	4.8	0.96	ug/L	105	110	64-120	14	19	
2,4-Dichlorophenol	ND	96	4.8	0.76	ug/L	99.3	103	64-120	14	19	
2,4-Dimethylphenol	ND	96	4.8	0.92	ug/L	101	105	57-120	10	42	
2,4-Dinitrophenol	ND	96	9.6	2.1	ug/L	94.1	98	42-153	15	22	
2,4-Dinitrotoluene	ND	96	4.8	0.43	ug/L	118	122	59-125	14	20	L1
2,6-Dinitrotoluene	ND	96	4.8	0.49	ug/L	115	120	74-134	15	15	
2-Chloronaphthalene	ND	96	4.8	0.081	ug/L	98.2	102	48-120	15	21	
2-Chlorophenol	ND	96	4.8	0.49	ug/L	75.3	78	48-120	15	25	
2-Methylnaphthalene	ND	96	4.8	0.079	ug/L	99.6	104	48-120	15	21	
2-Methylphenol	ND	96	4.8	0.22	ug/L	77.0	80	39-120	20	27	
2-Nitroaniline	ND	96	9.6	0.48	ug/L	125	130	67-136	6	15	
2-Nitrophenol	ND	96	4.8	0.58	ug/L	91.9	96	59-120	18	18	
3,3'-Dichlorobenzidine	ND	96	4.8	0.36	ug/L	114	119	33-140	6	25	
3-Nitroaniline	ND	96	9.6	1.5	ug/L	104	108	69-129	11	19	
4,6-Dinitro-2-methylphenol	ND	96	9.6	2.2	ug/L	118	123	64-159	12	15	
4-Bromophenyl phenyl ether	ND	96	4.8	0.87	ug/L	105	109	71-126	8	15	
4-Chloro-3-methylphenol	ND	96	4.8	0.57	ug/L	106	111	64-120	6	27	

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SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

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Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
Matrix Spike Dup Analyzed: 09/11/09 (Lab Number:9I10037-MSD1, Batch: 9I10037)											
QC Source Sample: RSI0296-01											
4-Chloroaniline	ND	96	4.8	0.32	ug/L	106	111	60-124	7	22	
4-Chlorophenyl phenyl ether	ND	96	4.8	0.16	ug/L	102	106	71-122	15	16	
4-Methylphenol	ND	96	9.6	0.56	ug/L	68.1	71	39-120	17	30	
4-Nitroaniline	ND	96	9.6	0.44	ug/L	112	116	64-135	12	24	
4-Nitrophenol	ND	96	9.6	1.5	ug/L	52.3	54	16-120	6	48	
Acenaphthene	ND	96	4.8	0.11	ug/L	109	113	60-120	13	24	
Acenaphthylene	ND	96	4.8	0.045	ug/L	109	114	63-120	16	18	
Anthracene	ND	96	4.8	0.054	ug/L	110	114	69-131	8	15	
Benzo[a]anthracene	ND	96	4.8	0.062	ug/L	102	106	73-138	4	15	
Benzo[a]pyrene	ND	96	4.8	0.088	ug/L	94.9	99	74-126	10	15	
Benzo[b]fluoranthene	ND	96	4.8	0.061	ug/L	84.6	88	75-133	9	15	
Benzo[g,h,i]perylene	ND	96	4.8	0.075	ug/L	98.9	103	66-152	14	15	
Benzo[k]fluoranthene	ND	96	4.8	0.063	ug/L	90.8	94	66-134	10	22	
Bis(2-chloroethoxy)methane	ND	96	4.8	0.36	ug/L	72.4	75	62-120	12	17	
Bis(2-chloroethyl)ether	ND	96	4.8	0.17	ug/L	80.0	83	51-120	22	21	R2
Bis(2-chloroisopropyl) ether	ND	96	4.8	0.41	ug/L	81.2	84	47-120	24	24	
Bis(2-ethylhexyl) phthalate	ND	96	4.8	4.6	ug/L	100	104	69-136	4	15	
Butyl benzyl phthalate	ND	96	4.8	1.7	ug/L	122	127	62-149	9	16	
Carbazole	ND	96	4.8	0.086	ug/L	117	122	68-133	10	20	
Chrysene	ND	96	4.8	0.26	ug/L	101	106	69-140	6	15	
Dibenz[a,h]anthracene	ND	96	4.8	0.19	ug/L	94.9	99	67-144	12	15	
Dibenzofuran	ND	96	4.8	0.094	ug/L	107	111	66-120	15	15	
Diethyl phthalate	ND	96	4.8	0.11	ug/L	125	130	78-128	11	15	M7
Dimethyl phthalate	ND	96	4.8	0.29	ug/L	114	118	73-127	14	15	
Di-n-butyl phthalate	ND	96	4.8	0.29	ug/L	113	118	67-132	10	15	
Di-n-octyl phthalate	ND	96	4.8	0.23	ug/L	106	110	72-145	5	16	
Fluoranthene	ND	96	4.8	0.094	ug/L	104	108	67-133	8	15	
Fluorene	ND	96	4.8	0.071	ug/L	111	115	66-129	11	15	
Hexachlorobenzene	ND	96	4.8	0.43	ug/L	93.3	97	38-131	7	15	
Hexachlorobutadiene	ND	96	4.8	2.5	ug/L	84.3	88	30-120	20	44	
Hexachlorocyclopentadiene	ND	96	4.8	2.4	ug/L	81.5	85	23-120	18	49	
Hexachloroethane	ND	96	4.8	2.7	ug/L	76.2	79	25-120	18	46	
Indeno[1,2,3-cd]pyrene	ND	96	4.8	0.15	ug/L	97.4	101	69-146	11	15	
Isophorone	ND	96	4.8	0.31	ug/L	96.6	100	64-120	13	17	

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Semivolatile Organics by GC/MS

Matrix Spike Dup Analyzed: 09/11/09 (Lab Number:9I10037-MSD1, Batch: 9I10037)

QC Source Sample: RSI0296-01

Naphthalene	ND	96	4.8	0.11	ug/L	90.7	94	48-120	12	29	
Nitrobenzene	ND	96	4.8	0.52	ug/L	94.6	98	52-120	12	24	
N-Nitrosodi-n-propylamine	ND	96	4.8	0.43	ug/L	97.4	101	56-120	12	31	
N-Nitrosodiphenylamine	ND	96	4.8	0.25	ug/L	144	150	25-125	11	15	L1,M11
Pentachlorophenol	ND	96	9.6	4.9	ug/L	115	120	39-136	4	37	
Phenanthrene	ND	96	4.8	0.11	ug/L	113	117	67-130	10	15	
Phenol	ND	96	4.8	0.43	ug/L	39.1	41	17-120	18	39	
Pyrene	ND	96	4.8	0.066	ug/L	110	114	58-136	6	25	

Surrogate:

2,4,6-Tribromophenol

Surrogate:

2-Fluorobiphenyl

Surrogate:

2-Fluorophenol

Surrogate:

Nitrobenzene-d5

Surrogate: Phenol-d5

Surrogate:

p-Terphenyl-d14

ug/L	117	52-132
ug/L	101	48-120
ug/L	43	20-120
ug/L	103	46-120
ug/L	32	16-120
ug/L	47	24-136

Semivolatile Organics by GC/MS

Blank Analyzed: 09/29/09 (Lab Number:9I10100-BLK1, Batch: 9I10100)

1,2,4-Trichlorobenzene	10	0.11	ug/L	ND
1,2-Dichlorobenzene	10	0.14	ug/L	ND
1,3-Dichlorobenzene	10	0.14	ug/L	ND
1,4-Dichlorobenzene	10	0.16	ug/L	ND
2,4,5-Trichlorophenol	5.0	0.99	ug/L	ND
2,4,6-Trichlorophenol	5.0	0.99	ug/L	ND
2,4-Dichlorophenol	5.0	0.79	ug/L	ND
2,4-Dimethylphenol	5.0	0.96	ug/L	ND
2,4-Dinitrophenol	10	2.2	ug/L	ND
2,4-Dinitrotoluene	5.0	0.45	ug/L	ND
2,6-Dinitrotoluene	5.0	0.51	ug/L	ND
2-Chloronaphthalene	5.0	0.084	ug/L	ND
2-Chlorophenol	5.0	0.51	ug/L	ND
2-Methylnaphthalene	5.0	0.082	ug/L	ND
2-Methylphenol	5.0	0.23	ug/L	ND
2-Nitroaniline	10	0.50	ug/L	ND

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
Blank Analyzed: 09/29/09 (Lab Number:9I10100-BLK1, Batch: 9I10100)											
2-Nitrophenol			5.0	0.60	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.37	ug/L	ND					
3-Nitroaniline			10	1.5	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	2.3	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.90	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.60	ug/L	ND					
4-Chloroaniline			5.0	0.33	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.17	ug/L	ND					
4-Methylphenol			10	0.58	ug/L	ND					
4-Nitroaniline			10	0.46	ug/L	ND					
4-Nitrophenol			10	1.5	ug/L	ND					
Acenaphthene			5.0	0.11	ug/L	ND					
Acenaphthylene			5.0	0.047	ug/L	ND					
Anthracene			5.0	0.056	ug/L	ND					
Benzo[a]anthracene			5.0	0.064	ug/L	ND					
Benzo[a]pyrene			5.0	0.091	ug/L	ND					
Benzo[b]fluoranthene			5.0	0.063	ug/L	ND					
Benzo[g,h,i]perylene			5.0	0.078	ug/L	ND					
Benzo[k]fluoranthene			5.0	0.066	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.38	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	0.18	ug/L	ND					
Bis(2-chloroisopropyl) ether			5.0	0.42	ug/L	ND					
Bis(2-ethylhexyl) phthalate			5.0	4.8	ug/L	ND					
Butyl benzyl phthalate			5.0	1.7	ug/L	ND					
Carbazole			5.0	0.089	ug/L	ND					
Chrysene			5.0	0.27	ug/L	ND					
Dibenz[a,h]anthracene			5.0	0.20	ug/L	ND					
Dibenzofuran			5.0	0.098	ug/L	ND					
Diethyl phthalate			5.0	0.11	ug/L	ND					
Dimethyl phthalate			5.0	0.30	ug/L	ND					
Di-n-butyl phthalate			5.0	0.30	ug/L	ND					
Di-n-octyl phthalate			5.0	0.24	ug/L	ND					
Fluoranthene			5.0	0.098	ug/L	ND					
Fluorene			5.0	0.074	ug/L	ND					

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Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
Blank Analyzed: 09/29/09 (Lab Number:9I10100-BLK1, Batch: 9I10100)											
Hexachlorobenzene			5.0	0.45	ug/L	ND					
Hexachlorobutadiene			5.0	2.6	ug/L	ND					
Hexachlorocyclopentadiene			5.0	2.5	ug/L	ND					
Hexachloroethane			5.0	2.8	ug/L	ND					
Indeno[1,2,3-cd]pyrene			5.0	0.15	ug/L	ND					
Isophorone			5.0	0.32	ug/L	ND					
Naphthalene			5.0	0.12	ug/L	ND					
Nitrobenzene			5.0	0.54	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.45	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.26	ug/L	ND					
Pentachlorophenol			10	5.1	ug/L	ND					
Phenanthrene			5.0	0.11	ug/L	ND					
Phenol			5.0	0.45	ug/L	ND					
Pyrene			5.0	0.068	ug/L	ND					
Surrogate:					ug/L		102	52-132			
2,4,6-Tribromophenol					ug/L		88	48-120			
Surrogate:					ug/L		45	20-120			
2-Fluorobiphenyl					ug/L		87	46-120			
Surrogate:					ug/L		36	16-120			
2-Fluorophenol					ug/L		67	24-136			
Surrogate:					ug/L						
Nitrobenzene-d5					ug/L						
Surrogate: Phenol-d5					ug/L						
Surrogate:					ug/L						
p-Terphenyl-d14					ug/L						
LCS Analyzed: 09/29/09 (Lab Number:9I10100-BS1, Batch: 9I10100)											
1,2,4-Trichlorobenzene		100	10	0.11	ug/L	76.8	77	40-120			
1,2-Dichlorobenzene		100	10	0.14	ug/L	68.2	68	33-120			
1,3-Dichlorobenzene		100	10	0.14	ug/L	66.8	67	28-120			
1,4-Dichlorobenzene		100	10	0.16	ug/L	66.2	66	32-120			
2,4,5-Trichlorophenol		100	5.0	0.99	ug/L	106	106	65-126			
2,4,6-Trichlorophenol		100	5.0	0.99	ug/L	99.6	100	64-120			
2,4-Dichlorophenol		100	5.0	0.79	ug/L	95.9	96	64-120			
2,4-Dimethylphenol		100	5.0	0.96	ug/L	89.9	90	57-120			
2,4-Dinitrophenol		100	10	2.2	ug/L	111	111	42-153			
2,4-Dinitrotoluene		100	5.0	0.45	ug/L	107	107	59-125			
2,6-Dinitrotoluene		100	5.0	0.51	ug/L	106	106	74-134			
2-Chloronaphthalene		100	5.0	0.084	ug/L	85.0	85	48-120			
2-Chlorophenol		100	5.0	0.51	ug/L	77.0	77	48-120			

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Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Semivolatile Organics by GC/MS

LCS Analyzed: 09/29/09 (Lab Number:9I10100-BS1, Batch: 9I10100)

2-Methylnaphthalene		100	5.0	0.082	ug/L	90.4	90	48-120			
2-Methylphenol		100	5.0	0.23	ug/L	81.1	81	39-120			
2-Nitroaniline		100	10	0.50	ug/L	96.2	96	67-136			
2-Nitrophenol		100	5.0	0.60	ug/L	88.6	89	59-120			
3,3'-Dichlorobenzidine		100	5.0	0.37	ug/L	110	110	33-140			
3-Nitroaniline		100	10	1.5	ug/L	98.6	99	69-129			
4,6-Dinitro-2-methylphenol		100	10	2.3	ug/L	137	137	64-159			
4-Bromophenyl phenyl ether		100	5.0	0.90	ug/L	100	100	71-126			
4-Chloro-3-methylphenol		100	5.0	0.60	ug/L	105	105	64-120			
4-Chloroaniline		100	5.0	0.33	ug/L	94.3	94	60-124			
4-Chlorophenyl phenyl ether		100	5.0	0.17	ug/L	86.0	86	71-122			
4-Methylphenol		100	10	0.58	ug/L	74.2	74	39-120			
4-Nitroaniline		100	10	0.46	ug/L	102	102	64-135			
4-Nitrophenol		100	10	1.5	ug/L	44.2	44	16-120			
Acenaphthene		100	5.0	0.11	ug/L	94.4	94	60-120			
Acenaphthylene		100	5.0	0.047	ug/L	94.0	94	63-120			
Anthracene		100	5.0	0.056	ug/L	96.0	96	69-131			
Benzo[a]anthracene		100	5.0	0.064	ug/L	95.2	95	73-138			
Benzo[a]pyrene		100	5.0	0.091	ug/L	102	102	74-126			
Benzo[b]fluoranthene		100	5.0	0.063	ug/L	99.4	99	75-133			
Benzo[g,h,i]perylene		100	5.0	0.078	ug/L	109	109	66-152			
Benzo[k]fluoranthene		100	5.0	0.066	ug/L	82.9	83	66-134			
Bis(2-chloroethoxy)methane		100	5.0	0.38	ug/L	67.2	67	62-120			
Bis(2-chloroethyl)ether		100	5.0	0.18	ug/L	72.4	72	51-120			
Bis(2-chloroisopropyl) ether		100	5.0	0.42	ug/L	69.7	70	47-120			
Bis(2-ethylhexyl) phthalate		100	5.0	4.8	ug/L	104	104	69-136			
Butyl benzyl phthalate		100	5.0	1.7	ug/L	115	115	62-149			
Carbazole		100	5.0	0.089	ug/L	101	101	68-133			
Chrysene		100	5.0	0.27	ug/L	98.0	98	69-140			
Dibenz[a,h]anthracene		100	5.0	0.20	ug/L	99.3	99	67-144			
Dibenzofuran		100	5.0	0.098	ug/L	90.9	91	66-120			
Diethyl phthalate		100	5.0	0.11	ug/L	100	100	78-128			
Dimethyl phthalate		100	5.0	0.30	ug/L	95.2	95	73-127			
Di-n-butyl phthalate		100	5.0	0.30	ug/L	96.5	96	67-132			

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Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
LCS Analyzed: 09/29/09 (Lab Number:9I10100-BS1, Batch: 9I10100)											
Di-n-octyl phthalate		100	5.0	0.24	ug/L	106	106	72-145			
Fluoranthene		100	5.0	0.098	ug/L	98.2	98	67-133			
Fluorene		100	5.0	0.074	ug/L	95.2	95	66-129			
Hexachlorobenzene		100	5.0	0.45	ug/L	94.1	94	38-131			
Hexachlorobutadiene		100	5.0	2.6	ug/L	73.2	73	30-120			
Hexachlorocyclopentadiene		100	5.0	2.5	ug/L	59.2	59	23-120			
Hexachloroethane		100	5.0	2.8	ug/L	65.7	66	25-120			
Indeno[1,2,3-cd]pyrene		100	5.0	0.15	ug/L	104	104	69-146			
Isophorone		100	5.0	0.32	ug/L	82.9	83	64-120			
Naphthalene		100	5.0	0.12	ug/L	81.5	81	48-120			
Nitrobenzene		100	5.0	0.54	ug/L	81.2	81	52-120			
N-Nitrosodi-n-propylamine		100	5.0	0.45	ug/L	81.8	82	56-120			
N-Nitrosodiphenylamine		100	5.0	0.26	ug/L	116	116	25-125			
Pentachlorophenol		100	10	5.1	ug/L	114	114	39-136			
Phenanthrene		100	5.0	0.11	ug/L	100	100	67-130			
Phenol		100	5.0	0.45	ug/L	40.8	41	17-120			
Pyrene		100	5.0	0.068	ug/L	102	102	58-136			
Surrogate:					ug/L		102	52-132			
2,4,6-Tribromophenol					ug/L		84	48-120			
Surrogate:					ug/L		44	20-120			
2-Fluorobiphenyl					ug/L		84	46-120			
Surrogate:					ug/L		33	16-120			
2-Fluorophenol					ug/L		83	24-136			
Surrogate:					ug/L						
Nitrobenzene-d5					ug/L						
Surrogate: Phenol-d5					ug/L						
Surrogate:					ug/L						
p-Terphenyl-d14					ug/L						
LCS Dup Analyzed: 09/29/09 (Lab Number:9I10100-BSD1, Batch: 9I10100)											
1,2,4-Trichlorobenzene		100	10	0.11	ug/L	74.8	75	40-120	3	30	
1,2-Dichlorobenzene		100	10	0.14	ug/L	67.8	68	33-120	0.6	29	
1,3-Dichlorobenzene		100	10	0.14	ug/L	65.5	66	28-120	2	37	
1,4-Dichlorobenzene		100	10	0.16	ug/L	66.0	66	32-120	0.4	36	
2,4,5-Trichlorophenol		100	5.0	0.99	ug/L	102	102	65-126	4	18	
2,4,6-Trichlorophenol		100	5.0	0.99	ug/L	95.5	96	64-120	4	19	
2,4-Dichlorophenol		100	5.0	0.79	ug/L	90.1	90	64-120	6	19	
2,4-Dimethylphenol		100	5.0	0.96	ug/L	74.4	74	57-120	19	42	
2,4-Dinitrophenol		100	10	2.2	ug/L	107	107	42-153	4	22	
2,4-Dinitrotoluene		100	5.0	0.45	ug/L	103	103	59-125	3	20	

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
LCS Dup Analyzed: 09/29/09 (Lab Number:9110100-BSD1, Batch: 9110100)											
2,6-Dinitrotoluene		100	5.0	0.51	ug/L	103	103	74-134	3	15	
2-Chloronaphthalene		100	5.0	0.084	ug/L	81.8	82	48-120	4	21	
2-Chlorophenol		100	5.0	0.51	ug/L	74.3	74	48-120	4	25	
2-Methylnaphthalene		100	5.0	0.082	ug/L	86.1	86	48-120	5	21	
2-Methylphenol		100	5.0	0.23	ug/L	78.3	78	39-120	4	27	
2-Nitroaniline		100	10	0.50	ug/L	94.3	94	67-136	2	15	
2-Nitrophenol		100	5.0	0.60	ug/L	85.7	86	59-120	3	18	
3,3'-Dichlorobenzidine		100	5.0	0.37	ug/L	106	106	33-140	3	25	
3-Nitroaniline		100	10	1.5	ug/L	96.1	96	69-129	3	19	
4,6-Dinitro-2-methylphenol		100	10	2.3	ug/L	132	132	64-159	4	15	
4-Bromophenyl phenyl ether		100	5.0	0.90	ug/L	96.1	96	71-126	4	15	
4-Chloro-3-methylphenol		100	5.0	0.60	ug/L	98.7	99	64-120	6	27	
4-Chloroaniline		100	5.0	0.33	ug/L	89.8	90	60-124	5	22	
4-Chlorophenyl phenyl ether		100	5.0	0.17	ug/L	83.0	83	71-122	4	16	
4-Methylphenol		100	10	0.58	ug/L	71.9	72	39-120	3	30	
4-Nitroaniline		100	10	0.46	ug/L	96.5	97	64-135	5	24	
4-Nitrophenol		100	10	1.5	ug/L	43.7	44	16-120	1	48	
Acenaphthene		100	5.0	0.11	ug/L	89.6	90	60-120	5	24	
Acenaphthylene		100	5.0	0.047	ug/L	89.7	90	63-120	5	18	
Anthracene		100	5.0	0.056	ug/L	93.6	94	69-131	3	15	
Benzo[a]anthracene		100	5.0	0.064	ug/L	92.5	92	73-138	3	15	
Benzo[a]pyrene		100	5.0	0.091	ug/L	98.5	98	74-126	4	15	
Benzo[b]fluoranthene		100	5.0	0.063	ug/L	88.3	88	75-133	12	15	
Benzo[g,h,i]perylene		100	5.0	0.078	ug/L	105	105	66-152	4	15	
Benzo[k]fluoranthene		100	5.0	0.066	ug/L	89.7	90	66-134	8	22	
Bis(2-chloroethoxy)methane		100	5.0	0.38	ug/L	64.5	65	62-120	4	17	
Bis(2-chloroethyl)ether		100	5.0	0.18	ug/L	71.7	72	51-120	1	21	
Bis(2-chloroisopropyl) ether		100	5.0	0.42	ug/L	69.2	69	47-120	0.6	24	
Bis(2-ethylhexyl) phthalate		100	5.0	4.8	ug/L	99.3	99	69-136	4	15	
Butyl benzyl phthalate		100	5.0	1.7	ug/L	112	112	62-149	2	16	
Carbazole		100	5.0	0.089	ug/L	94.8	95	68-133	6	20	
Chrysene		100	5.0	0.27	ug/L	95.1	95	69-140	3	15	
Dibenz[a,h]anthracene		100	5.0	0.20	ug/L	96.0	96	67-144	3	15	
Dibenzofuran		100	5.0	0.098	ug/L	87.8	88	66-120	3	15	

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatiles Organics by GC/MS											
LCS Dup Analyzed: 09/29/09 (Lab Number:9110100-BSD1, Batch: 9110100)											
Diethyl phthalate		100	5.0	0.11	ug/L	95.3	95	78-128	5	15	
Dimethyl phthalate		100	5.0	0.30	ug/L	92.0	92	73-127	3	15	
Di-n-butyl phthalate		100	5.0	0.30	ug/L	92.1	92	67-132	5	15	
Di-n-octyl phthalate		100	5.0	0.24	ug/L	103	103	72-145	3	16	
Fluoranthene		100	5.0	0.098	ug/L	92.9	93	67-133	6	15	
Fluorene		100	5.0	0.074	ug/L	92.0	92	66-129	3	15	
Hexachlorobenzene		100	5.0	0.45	ug/L	91.3	91	38-131	3	15	
Hexachlorobutadiene		100	5.0	2.6	ug/L	71.7	72	30-120	2	44	
Hexachlorocyclopentadiene		100	5.0	2.5	ug/L	69.9	70	23-120	17	49	
Hexachloroethane		100	5.0	2.8	ug/L	64.6	65	25-120	2	46	
Indeno[1,2,3-cd]pyrene		100	5.0	0.15	ug/L	101	101	69-146	3	15	
Isophorone		100	5.0	0.32	ug/L	79.5	79	64-120	4	17	
Naphthalene		100	5.0	0.12	ug/L	79.1	79	48-120	3	29	
Nitrobenzene		100	5.0	0.54	ug/L	79.2	79	52-120	2	24	
N-Nitrosodi-n-propylamine		100	5.0	0.45	ug/L	78.2	78	56-120	4	31	
N-Nitrosodiphenylamine		100	5.0	0.26	ug/L	113	113	25-125	3	15	
Pentachlorophenol		100	10	5.1	ug/L	109	109	39-136	4	37	
Phenanthrene		100	5.0	0.11	ug/L	95.2	95	67-130	5	15	
Phenol		100	5.0	0.45	ug/L	40.4	40	17-120	0.8	39	
Pyrene		100	5.0	0.068	ug/L	98.5	98	58-136	4	25	
Surrogate:					ug/L		99	52-132			
2,4,6-Tribromophenol					ug/L		82	48-120			
Surrogate:					ug/L						
2-Fluorobiphenyl					ug/L		43	20-120			
Surrogate:					ug/L						
2-Fluorophenol					ug/L		81	46-120			
Surrogate:					ug/L						
Nitrobenzene-d5					ug/L		32	16-120			
Surrogate: Phenol-d5					ug/L						
Surrogate:					ug/L		82	24-136			
p-Terphenyl-d14											

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Received: 09/08/09-09/10/09
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Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Organochlorine Pesticides by EPA Method 8081A											
Blank Analyzed: 09/17/09 (Lab Number:9I11039-BLK1, Batch: 9I11039)											
4,4'-DDD [2C]			0.050	0.017	ug/L	ND					
4,4'-DDD			0.050	0.017	ug/L	ND					
4,4'-DDE			0.050	0.012	ug/L	ND					
4,4'-DDE [2C]			0.050	0.012	ug/L	ND					
4,4'-DDT [2C]			0.050	0.011	ug/L	ND					
4,4'-DDT			0.050	0.011	ug/L	ND					
Aldrin			0.050	0.0066	ug/L	ND					
Aldrin [2C]			0.050	0.0066	ug/L	ND					
alpha-BHC			0.050	0.0066	ug/L	ND					
alpha-BHC [2C]			0.050	0.0066	ug/L	ND					
alpha-Chlordane			0.050	0.015	ug/L	ND					
alpha-Chlordane [2C]			0.050	0.015	ug/L	ND					
beta-BHC [2C]			0.050	0.025	ug/L	ND					
beta-BHC			0.050	0.025	ug/L	ND					
Chlordane			0.50	0.029	ug/L	ND					
Chlordane [2C]			0.50	0.029	ug/L	ND					
delta-BHC			0.050	0.010	ug/L	ND					
delta-BHC [2C]			0.050	0.010	ug/L	ND					
Dieldrin			0.050	0.020	ug/L	ND					
Dieldrin [2C]			0.050	0.020	ug/L	ND					
Endosulfan I			0.050	0.011	ug/L	ND					
Endosulfan I [2C]			0.050	0.011	ug/L	ND					
Endosulfan II			0.050	0.012	ug/L	ND					
Endosulfan II [2C]			0.050	0.012	ug/L	ND					
Endosulfan sulfate			0.050	0.016	ug/L	ND					
Endosulfan sulfate [2C]			0.050	0.016	ug/L	ND					
Endrin			0.050	0.014	ug/L	ND					
Endrin [2C]			0.050	0.014	ug/L	ND					
Endrin aldehyde			0.050	0.016	ug/L	ND					
Endrin aldehyde [2C]			0.050	0.016	ug/L	ND					
Endrin ketone			0.050	0.012	ug/L	ND					
Endrin ketone [2C]			0.050	0.012	ug/L	ND					
gamma-BHC (Lindane)			0.050	0.0060	ug/L	ND					
gamma-BHC (Lindane) [2C]			0.050	0.0060	ug/L	ND					
gamma-Chlordane			0.050	0.011	ug/L	ND					
gamma-Chlordane [2C]			0.050	0.011	ug/L	ND					
Heptachlor			0.050	0.0085	ug/L	ND					

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Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Organochlorine Pesticides by EPA Method 8081A											

Blank Analyzed: 09/17/09 (Lab Number:9I11039-BLK1, Batch: 9I11039)

Heptachlor [2C]			0.050	0.0085	ug/L	ND					
Heptachlor epoxide			0.050	0.0053	ug/L	ND					
Heptachlor epoxide [2C]			0.050	0.0053	ug/L	ND					
Methoxychlor			0.050	0.014	ug/L	ND					C4
Methoxychlor [2C]			0.050	0.014	ug/L	ND					
Toxaphene			0.50	0.12	ug/L	ND					
Toxaphene [2C]			0.50	0.12	ug/L	ND					

Surrogate:					ug/L		85	15-139			
Decachlorobiphenyl											
Surrogate:					ug/L		102	15-139			
Decachlorobiphenyl [2C]											
Surrogate:					ug/L		62	30-139			
Tetrachloro-m-xylene											
Surrogate:					ug/L		54	30-139			
Tetrachloro-m-xylene											

LCS Analyzed: 09/17/09 (Lab Number:9I11039-BS1, Batch: 9I11039)

4,4'-DDD [2C]	0.50	0.050	0.017	ug/L	0.536	107	25-139				
4,4'-DDD	0.50	0.050	0.017	ug/L	0.466	93	25-139				
4,4'-DDE	0.50	0.050	0.012	ug/L	0.418	84	49-127				
4,4'-DDE [2C]	0.50	0.050	0.012	ug/L	0.484	97	49-127				
4,4'-DDT [2C]	0.50	0.050	0.011	ug/L	0.438	88	47-130				
4,4'-DDT	0.50	0.050	0.011	ug/L	0.379	76	47-130				
Aldrin	0.50	0.050	0.0066	ug/L	0.292	58	35-120				
Aldrin [2C]	0.50	0.050	0.0066	ug/L	0.348	70	35-120				
alpha-BHC	0.50	0.050	0.0066	ug/L	0.356	71	39-121				
alpha-BHC [2C]	0.50	0.050	0.0066	ug/L	0.380	76	39-121				
alpha-Chlordane	0.50	0.050	0.015	ug/L	0.437	87	40-160				
alpha-Chlordane [2C]	0.50	0.050	0.015	ug/L	0.492	98	40-160				
beta-BHC [2C]	0.50	0.050	0.025	ug/L	0.465	93	39-138				
beta-BHC	0.50	0.050	0.025	ug/L	0.420	84	39-138				
delta-BHC	0.50	0.050	0.010	ug/L	0.395	79	40-121				
delta-BHC [2C]	0.50	0.050	0.010	ug/L	0.459	92	40-121				
Dieldrin	0.50	0.050	0.020	ug/L	0.448	90	41-131				
Dieldrin [2C]	0.50	0.050	0.020	ug/L	0.499	100	41-131				
Endosulfan I	0.50	0.050	0.011	ug/L	0.418	84	41-126				
Endosulfan I [2C]	0.50	0.050	0.011	ug/L	0.474	95	41-126				
Endosulfan II	0.50	0.050	0.012	ug/L	0.439	88	32-134				
Endosulfan II [2C]	0.50	0.050	0.012	ug/L	0.521	104	32-134				
Endosulfan sulfate	0.50	0.050	0.016	ug/L	0.463	93	46-131				

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296
Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Organochlorine Pesticides by EPA Method 8081A											

LCS Analyzed: 09/17/09 (Lab Number:9I11039-BS1, Batch: 9I11039)

Endosulfan sulfate [2C]		0.50	0.050	0.016	ug/L	0.503	101	46-131			
Endrin		0.50	0.050	0.014	ug/L	0.459	92	43-134			
Endrin [2C]		0.50	0.050	0.014	ug/L	0.514	103	43-134			
Endrin aldehyde		0.50	0.050	0.016	ug/L	0.359	72	39-128			
Endrin aldehyde [2C]		0.50	0.050	0.016	ug/L	0.569	114	39-128			
gamma-BHC (Lindane)		0.50	0.050	0.0060	ug/L	0.378	76	68-120			
gamma-BHC (Lindane) [2C]		0.50	0.050	0.0060	ug/L	0.417	83	68-120			
gamma-Chlordane		0.50	0.050	0.011	ug/L	0.400	80	40-160			
gamma-Chlordane [2C]		0.50	0.050	0.011	ug/L	0.469	94	40-160			
Heptachlor		0.50	0.050	0.0085	ug/L	0.344	69	52-120			
Heptachlor [2C]		0.50	0.050	0.0085	ug/L	0.413	83	52-120			
Heptachlor epoxide		0.50	0.050	0.0053	ug/L	0.424	85	65-120			
Heptachlor epoxide [2C]		0.50	0.050	0.0053	ug/L	0.504	101	65-120			
Methoxychlor		0.50	0.050	0.014	ug/L	0.398	80	52-142			C4
Methoxychlor [2C]		0.50	0.050	0.014	ug/L	0.481	96	52-142			
Surrogate:					ug/L		83	15-139			
Decachlorobiphenyl					ug/L		100	15-139			
Surrogate:					ug/L		58	30-139			
Decachlorobiphenyl [2C]					ug/L		50	30-139			
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						

LCS Dup Analyzed: 09/17/09 (Lab Number:9I11039-BSD1, Batch: 9I11039)

4,4'-DDD [2C]		0.50	0.050	0.017	ug/L	0.542	108	25-139	1	50	
4,4'-DDD		0.50	0.050	0.017	ug/L	0.456	91	25-139	2	50	
4,4'-DDE		0.50	0.050	0.012	ug/L	0.415	83	49-127	0.9	50	
4,4'-DDE [2C]		0.50	0.050	0.012	ug/L	0.481	96	49-127	0.5	50	
4,4'-DDT [2C]		0.50	0.050	0.011	ug/L	0.448	90	47-130	2	50	
4,4'-DDT		0.50	0.050	0.011	ug/L	0.386	77	47-130	2	50	
Aldrin		0.50	0.050	0.0066	ug/L	0.315	63	35-120	8	50	
Aldrin [2C]		0.50	0.050	0.0066	ug/L	0.376	75	35-120	8	50	
alpha-BHC		0.50	0.050	0.0066	ug/L	0.360	72	39-121	1	50	
alpha-BHC [2C]		0.50	0.050	0.0066	ug/L	0.388	78	39-121	2	50	
alpha-Chlordane		0.50	0.050	0.015	ug/L	0.416	83	40-160	5	50	
alpha-Chlordane [2C]		0.50	0.050	0.015	ug/L	0.486	97	40-160	1	50	
beta-BHC [2C]		0.50	0.050	0.025	ug/L	0.451	90	39-138	3	50	
beta-BHC		0.50	0.050	0.025	ug/L	0.412	82	39-138	2	50	

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158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Organochlorine Pesticides by EPA Method 8081A											
LCS Dup Analyzed: 09/17/09 (Lab Number:9I11039-BSD1, Batch: 9I11039)											
delta-BHC		0.50	0.050	0.010	ug/L	0.384	77	40-121	3	50	
delta-BHC [2C]		0.50	0.050	0.010	ug/L	0.446	89	40-121	3	50	
Dieldrin		0.50	0.050	0.020	ug/L	0.444	89	41-131	0.9	50	
Dieldrin [2C]		0.50	0.050	0.020	ug/L	0.490	98	41-131	2	50	
Endosulfan I		0.50	0.050	0.011	ug/L	0.410	82	41-126	2	50	
Endosulfan I [2C]		0.50	0.050	0.011	ug/L	0.468	94	41-126	1	50	
Endosulfan II		0.50	0.050	0.012	ug/L	0.425	85	32-134	3	50	
Endosulfan II [2C]		0.50	0.050	0.012	ug/L	0.523	105	32-134	0.4	50	
Endosulfan sulfate		0.50	0.050	0.016	ug/L	0.444	89	46-131	4	50	
Endosulfan sulfate [2C]		0.50	0.050	0.016	ug/L	0.482	96	46-131	4	50	
Endrin		0.50	0.050	0.014	ug/L	0.453	91	43-134	1	50	
Endrin [2C]		0.50	0.050	0.014	ug/L	0.515	103	43-134	0.1	50	
Endrin aldehyde		0.50	0.050	0.016	ug/L	0.298	60	39-128	19	50	
Endrin aldehyde [2C]		0.50	0.050	0.016	ug/L	0.506	101	39-128	12	50	
gamma-BHC (Lindane)		0.50	0.050	0.0060	ug/L	0.377	75	68-120	0.3	50	
gamma-BHC (Lindane) [2C]		0.50	0.050	0.0060	ug/L	0.417	83	68-120	0.2	50	
gamma-Chlordane		0.50	0.050	0.011	ug/L	0.393	79	40-160	2	50	
gamma-Chlordane [2C]		0.50	0.050	0.011	ug/L	0.462	92	40-160	2	50	
Heptachlor		0.50	0.050	0.0085	ug/L	0.352	70	52-120	2	50	
Heptachlor [2C]		0.50	0.050	0.0085	ug/L	0.417	83	52-120	0.9	50	
Heptachlor epoxide		0.50	0.050	0.0053	ug/L	0.418	84	65-120	2	50	
Heptachlor epoxide [2C]		0.50	0.050	0.0053	ug/L	0.498	100	65-120	1	50	
Methoxychlor		0.50	0.050	0.014	ug/L	0.382	76	52-142	4	50	C4
Methoxychlor [2C]		0.50	0.050	0.014	ug/L	0.472	94	52-142	2	50	
Surrogate:					ug/L		81	15-139			
Decachlorobiphenyl											
Surrogate:					ug/L		105	15-139			
Decachlorobiphenyl [2C]											
Surrogate:					ug/L		61	30-139			
Tetrachloro-m-xylene											
Surrogate:					ug/L		53	30-139			
Tetrachloro-m-xylene											

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SDG Number: RSI0296

Received: 09/08/09-09/10/09
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Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Polychlorinated Biphenyls by EPA Method 8082

Blank Analyzed: 09/16/09 (Lab Number:9111040-BLK1, Batch: 9111040)

Aroclor 1016			0.50	0.18	ug/L	ND					QSU
Aroclor 1016 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1221			0.50	0.18	ug/L	ND					QSU
Aroclor 1221 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1232			0.50	0.18	ug/L	ND					QSU
Aroclor 1232 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1242			0.50	0.18	ug/L	ND					QSU
Aroclor 1242 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1248			0.50	0.18	ug/L	ND					QSU
Aroclor 1248 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1254			0.50	0.25	ug/L	ND					QSU
Aroclor 1254 [2C]			0.50	0.25	ug/L	ND					QSU
Aroclor 1260			0.50	0.25	ug/L	ND					QSU
Aroclor 1260 [2C]			0.50	0.25	ug/L	ND					QSU

Surrogate:					ug/L		83	12-137			QSU
Decachlorobiphenyl											
Surrogate:					ug/L		70	12-137			QSU
Decachlorobiphenyl [2C]											
Surrogate:					ug/L		60	35-121			QSU
Tetrachloro-m-xylene											
Surrogate:					ug/L		50	35-121			QSU
Tetrachloro-m-xylene											

LCS Analyzed: 09/16/09 (Lab Number:9111040-BS1, Batch: 9111040)

Aroclor 1016	5.0		0.50	0.18	ug/L	4.48	90	59-154			QSU
Aroclor 1016 [2C]	5.0		0.50	0.18	ug/L	3.50	70	59-154			QSU
Aroclor 1221 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1232 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1242 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1248 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1254 [2C]			0.50	0.25	ug/L	ND					QSU
Aroclor 1260	5.0		0.50	0.25	ug/L	5.61	112	51-179			QSU
Aroclor 1260 [2C]	5.0		0.50	0.25	ug/L	4.21	84	51-179			QSU

Surrogate:					ug/L		73	12-137			QSU
Decachlorobiphenyl											
Surrogate:					ug/L		60	12-137			QSU
Decachlorobiphenyl [2C]											
Surrogate:					ug/L		70	35-121			QSU
Tetrachloro-m-xylene											
Surrogate:					ug/L		53	35-121			QSU
Tetrachloro-m-xylene											

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158 Sonwil Drive
Cheektowaga, NY 14225

SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Polychlorinated Biphenyls by EPA Method 8082

Matrix Spike Analyzed: 09/16/09 (Lab Number:9I11040-MS1, Batch: 9I11040)

QC Source Sample: RSI0296-01

Aroclor 1016	ND	4.8	0.48	0.17	ug/L	4.34	91	59-154			QSU
Aroclor 1016 [2C]	ND	4.8	0.48	0.17	ug/L	3.61	75	59-154			QSU
Aroclor 1221 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1232 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1242 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1248 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1254 [2C]	ND		0.48	0.24	ug/L	ND					QSU
Aroclor 1260	ND	4.8	0.48	0.24	ug/L	4.56	95	51-179			QSU
Aroclor 1260 [2C]	ND	4.8	0.48	0.24	ug/L	3.65	76	51-179			QSU

Surrogate:					ug/L		71	12-137			QSU
Decachlorobiphenyl					ug/L		59	12-137			QSU
Surrogate:					ug/L		80	35-121			QSU
Decachlorobiphenyl [2C]					ug/L		62	35-121			QSU
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						

Matrix Spike Dup Analyzed: 09/16/09 (Lab Number:9I11040-MSD1, Batch: 9I11040)

QC Source Sample: RSI0296-01

Aroclor 1016	ND	4.8	0.48	0.17	ug/L	4.69	98	59-154	8	50	QSU
Aroclor 1016 [2C]	ND	4.8	0.48	0.17	ug/L	3.73	78	59-154	3	50	QSU
Aroclor 1221 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1232 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1242 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1248 [2C]	ND		0.48	0.17	ug/L	ND					QSU
Aroclor 1254 [2C]	ND		0.48	0.24	ug/L	ND					QSU
Aroclor 1260	ND	4.8	0.48	0.24	ug/L	5.13	107	51-179	12	50	QSU
Aroclor 1260 [2C]	ND	4.8	0.48	0.24	ug/L	3.80	79	51-179	4	50	QSU

Surrogate:					ug/L		70	12-137			QSU
Decachlorobiphenyl					ug/L		61	12-137			QSU
Surrogate:					ug/L		85	35-121			QSU
Decachlorobiphenyl [2C]					ug/L		64	35-121			QSU
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						

Polychlorinated Biphenyls by EPA Method 8082

Blank Analyzed: 09/16/09 (Lab Number:9I14004-BLK1, Batch: 9I14004)

Aroclor 1016			0.50	0.18	ug/L	ND					QSU
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SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Polychlorinated Biphenyls by EPA Method 8082

Blank Analyzed: 09/16/09 (Lab Number:9I14004-BLK1, Batch: 9I14004)

Aroclor 1016 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1221			0.50	0.18	ug/L	ND					QSU
Aroclor 1221 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1232			0.50	0.18	ug/L	ND					QSU
Aroclor 1232 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1242			0.50	0.18	ug/L	ND					QSU
Aroclor 1242 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1248			0.50	0.18	ug/L	ND					QSU
Aroclor 1248 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1254			0.50	0.25	ug/L	ND					QSU
Aroclor 1254 [2C]			0.50	0.25	ug/L	ND					QSU
Aroclor 1260			0.50	0.25	ug/L	ND					QSU
Aroclor 1260 [2C]			0.50	0.25	ug/L	ND					QSU

Surrogate:					ug/L		79	12-137			QSU
Decachlorobiphenyl											
Surrogate:					ug/L		71	12-137			QSU
Decachlorobiphenyl [2C]											
Surrogate:					ug/L		56	35-121			QSU
Tetrachloro-m-xylene											
Surrogate:					ug/L		48	35-121			QSU
Tetrachloro-m-xylene											

LCS Analyzed: 09/16/09 (Lab Number:9I14004-BS1, Batch: 9I14004)

Aroclor 1016		5.0	0.50	0.18	ug/L	3.48	70	59-154			QSU
Aroclor 1016 [2C]		5.0	0.50	0.18	ug/L	2.78	56	59-154			QSU,L2
Aroclor 1221 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1232 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1242 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1248 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1254 [2C]			0.50	0.25	ug/L	ND					QSU
Aroclor 1260		5.0	0.50	0.25	ug/L	4.82	96	51-179			QSU
Aroclor 1260 [2C]		5.0	0.50	0.25	ug/L	3.87	77	51-179			QSU

Surrogate:					ug/L		59	12-137			QSU
Decachlorobiphenyl											
Surrogate:					ug/L		49	12-137			QSU
Decachlorobiphenyl [2C]											
Surrogate:					ug/L		60	35-121			QSU
Tetrachloro-m-xylene											
Surrogate:					ug/L		47	35-121			QSU
Tetrachloro-m-xylene											

LCS Dup Analyzed: 09/16/09 (Lab Number:9I14004-BSD1, Batch: 9I14004)

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SDG Number: RSI0296

Received: 09/08/09-09/10/09
Reported: 10/05/09 16:33

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Polychlorinated Biphenyls by EPA Method 8082											
LCS Dup Analyzed: 09/16/09 (Lab Number:9I14004-BSD1, Batch: 9I14004)											
Aroclor 1016		5.0	0.50	0.18	ug/L	3.29	66	59-154	6	50	QSU
Aroclor 1016 [2C]		5.0	0.50	0.18	ug/L	2.62	52	59-154	6	50	QSU,L2
Aroclor 1221 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1232 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1242 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1248 [2C]			0.50	0.18	ug/L	ND					QSU
Aroclor 1254 [2C]			0.50	0.25	ug/L	ND					QSU
Aroclor 1260		5.0	0.50	0.25	ug/L	4.63	93	51-179	4	50	QSU
Aroclor 1260 [2C]		5.0	0.50	0.25	ug/L	3.71	74	51-179	4	50	QSU
Surrogate:					ug/L		54	12-137			QSU
Decachlorobiphenyl					ug/L		45	12-137			QSU
Surrogate:					ug/L		54	35-121			QSU
Decachlorobiphenyl [2C]					ug/L		42	35-121			QSU
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						
Surrogate:					ug/L						
Tetrachloro-m-xylene					ug/L						

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Total Metals by SW 846 Series Methods

Blank Analyzed: 09/10/09 (Lab Number:9I10020-BLK1, Batch: 9I10020)

Mercury			0.0002	0.0001	mg/L	ND					
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LCS Analyzed: 09/10/09 (Lab Number:9I10020-BS1, Batch: 9I10020)

Mercury		0.00333	0.0002	0.0001	mg/L	0.00313	94	80-120			
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Matrix Spike Analyzed: 09/10/09 (Lab Number:9I10020-MS1, Batch: 9I10020)

QC Source Sample: RSI0312-01

Mercury	ND	0.00667	0.0002	0.0001	mg/L	0.00648	97	75-125			
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Matrix Spike Dup Analyzed: 09/10/09 (Lab Number:9I10020-MSD1, Batch: 9I10020)

QC Source Sample: RSI0312-01

Mercury	ND	0.00667	0.0002	0.0001	mg/L	0.00632	95	75-125	3	20	
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Total Metals by SW 846 Series Methods

Blank Analyzed: 09/11/09 (Lab Number:9I10056-BLK1, Batch: 9I10056)

Aluminum			0.200	0.040	mg/L	0.043					B,J
Antimony			0.0200	0.0055	mg/L	ND					
Arsenic			0.0100	0.0056	mg/L	ND					
Barium			0.0020	0.0003	mg/L	ND					
Beryllium			0.0020	0.0002	mg/L	ND					
Cadmium			0.0010	0.0003	mg/L	ND					
Calcium			0.5	0.1	mg/L	0.1					B,J
Chromium			0.0040	0.0009	mg/L	ND					
Cobalt			0.0040	0.0005	mg/L	ND					
Copper			0.0100	0.0013	mg/L	ND					
Iron			0.050	0.019	mg/L	ND					
Lead			0.0050	0.0029	mg/L	ND					
Magnesium			0.200	0.043	mg/L	ND					
Manganese			0.0030	0.0002	mg/L	ND					
Nickel			0.0100	0.0013	mg/L	ND					
Potassium			0.500	0.050	mg/L	ND					
Selenium			0.0150	0.0087	mg/L	ND					
Silver			0.0030	0.0012	mg/L	ND					
Sodium			1.0	0.3	mg/L	ND					
Thallium			0.0200	0.0077	mg/L	ND					
Vanadium			0.0050	0.0011	mg/L	ND					
Zinc			0.0100	0.0015	mg/L	ND					

LCS Analyzed: 09/11/09 (Lab Number:9I10056-BS1, Batch: 9I10056)

Aluminum		10.0	0.200	0.040	mg/L	10.1	101	80-120			B
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SDG Number: RSI0296

Project: Cherry Farms-Annual GW
Project Number: GROUNDEN

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by SW 846 Series Methods											

LCS Analyzed: 09/11/09 (Lab Number:9I10056-BS1, Batch: 9I10056)

Antimony		0.200	0.0200	0.0055	mg/L	0.202	101	80-120			
Arsenic		0.200	0.0100	0.0056	mg/L	0.209	105	80-120			
Barium		0.200	0.0020	0.0003	mg/L	0.203	101	80-120			
Beryllium		0.200	0.0020	0.0002	mg/L	0.202	101	80-120			
Cadmium		0.200	0.0010	0.0003	mg/L	0.203	102	80-120			
Calcium		10.0	0.5	0.1	mg/L	10.3	103	80-120			B
Chromium		0.200	0.0040	0.0009	mg/L	0.205	102	80-120			
Cobalt		0.200	0.0040	0.0005	mg/L	0.205	103	80-120			
Copper		0.200	0.0100	0.0013	mg/L	0.206	103	80-120			
Iron		10.0	0.050	0.019	mg/L	9.97	100	80-120			
Lead		0.200	0.0050	0.0029	mg/L	0.209	105	80-120			
Magnesium		10.0	0.200	0.043	mg/L	10.2	102	80-120			
Manganese		0.200	0.0030	0.0002	mg/L	0.204	102	80-120			
Nickel		0.200	0.0100	0.0013	mg/L	0.204	102	80-120			
Potassium		10.0	0.500	0.050	mg/L	9.92	99	80-120			
Selenium		0.200	0.0150	0.0087	mg/L	0.218	109	80-120			
Silver		0.0500	0.0030	0.0012	mg/L	0.0505	101	80-120			
Sodium		10.0	1.0	0.3	mg/L	10.1	101	80-120			
Thallium		0.200	0.0200	0.0077	mg/L	0.196	98	80-120			
Vanadium		0.200	0.0050	0.0011	mg/L	0.205	102	80-120			
Zinc		0.200	0.0100	0.0015	mg/L	0.218	109	80-120			

Total Metals by SW 846 Series Methods

Blank Analyzed: 09/11/09 (Lab Number:9I10075-BLK1, Batch: 9I10075)

Mercury			0.0002	0.0001	mg/L	ND					
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LCS Analyzed: 09/11/09 (Lab Number:9I10075-BS1, Batch: 9I10075)

Mercury		0.00333	0.0004	0.0001	mg/L	0.00337	101	80-120			
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Reported: 10/05/09 16:33

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD RPD Limit	Data Qualifiers
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General Chemistry Parameters

Blank Analyzed: 09/15/09 (Lab Number:9I11032-BLK1, Batch: 9I11032)

Total Cyanide			0.0100	0.0050	mg/L	ND				
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LCS Analyzed: 09/15/09 (Lab Number:9I11032-BS1, Batch: 9I11032)

Total Cyanide		0.250	0.0100	0.0050	mg/L	0.252	101	90-110		
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General Chemistry Parameters

Blank Analyzed: 09/15/09 (Lab Number:9I14094-BLK1, Batch: 9I14094)

Total Cyanide			0.0100	0.0050	mg/L	ND				
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LCS Analyzed: 09/15/09 (Lab Number:9I14094-BS1, Batch: 9I14094)

Total Cyanide		0.400	0.0100	0.0050	mg/L	0.388	97	90-110		
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General Chemistry Parameters

Blank Analyzed: 09/17/09 (Lab Number:9I16009-BLK1, Batch: 9I16009)

Total Cyanide			0.0100	0.0050	mg/L	ND				
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LCS Analyzed: 09/17/09 (Lab Number:9I16009-BS1, Batch: 9I16009)

Total Cyanide		0.250	0.0100	0.0050	mg/L	0.268	107	90-110		
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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

120017

Client GES, Inc.		Project Manager Andy Janik		Chain of Custody Number 133396	
Address 158 Sonwil Dr.		Telephone Number (Area Code)/Fax Number 800-283-3857		Date 9/8/09	
City Cheektowaga, NY		Site Contact B. Miller		Lab Number	
State NY		Lab Contact P. Morrow		Page 1 of 1	
Zip Code 14225		Carrier/Waybill Number		Analysis (Attach list if more space is needed)	
Project Name and Location (State) Cherry Farm 4100 River Rd				☒ STARS 840 ☒ STARS 8370 ☒ PCBS ☒ Pesticides ☒ T. Cyanide ☒ T. Metals	
Contract/Purchase Order/Quote No. 0901308				Special Instructions/ Conditions of Receipt	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						
			Soil	Water	Sed.	Topsoil	MSD	HWDS	MC	MOH	MOH	
RW-4	9/8/09	1040	X				X					
Dup		1040										
MSD		1040										
MS		1040										
RW-5		1256										
Field Blank		1336										

Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown		Sample Disposal ☐ Return To Client ☒ Disposal By Lab ☐ Archive For		(A fee may be assessed if samples are retained longer than 1 month)	
Turn Around Time Required ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other		OC Requirements (Specify)			
1. Released By D. Swissoldchi		1. Received By Glenn E. Swissoldchi		Date 9/8/09	
2. Requisitioned By		2. Received By		Date 9/8/09	
3. Requisitioned By		3. Received By		Date 9/8/09	

Comments: Dwp Ms. MSD collected @ RW-4
DISTRIBUTION: WHITE - Returned to Client with Report CANARY - Slays with the Sampler PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

FILE-412919077

Client SES, Inc.		Project Manager Andy Janik		Chain of Custody Number 133398	
Address 158 Sausal Dr		Telephone Number (Area Code)/Fax Number 800-257-7857		Date 9/9/09	
City San Jose	State CA	Zip Code 95128	Page 1 of 1		
Project Name and Location (State) Cherry Farm - 4100 River Rd.		Lab Contact B. Miller		Analysis (Attach list if more space is needed)	
Contract/Purchase Order/Quote No. 0901308		Lab Contact P. Maxson		Analysis (Attach list if more space is needed)	
Sample I.D. No. and Description (Containers for each sample may be combined on one line)		Date		Time	
Swamp-1		9/9/09		1115	
Swamp-2		9/9/09		1140	
Swamp-3		9/9/09		1155	
Swamp-4		9/9/09		1215	
MW-1		9/9/09		1440	
MW-6		9/9/09		1501	
MW-2		9/9/09		1527	
Possible Hazard Identification		Sample Disposal		Disposal By Lab	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Polym-B ☒ Unknown ☐ Return To Client		☐ Return To Client		☐ Archive For	
Turn Around Time Required		☒ 14 Days ☐ 21 Days ☐ Other		☐ Disposal By Lab ☐ Archive For	
1. Relinquished By D. Quiscalchi		1. Received By Andy Janik		Date 9-9-19	
2. Relinquished By		2. Received By		Date	
3. Relinquished By		3. Received By		Date	
Comments 303.2 *L					

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Slows with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt

Drinking Water? Yes ☐ No ☒

AL-4179 17007

Client Sts, Inc		Project Manager Andy Janik		Chain of Custody Number 133397	
Address 158 Samoil Dr		Telephone Number (Area Code/Fax Number) 802-287-7857		Date 9/10/09	
City Chickadee		State NY		Zip Code 14225	
Project Name and Location (State) Cherry Farm 400 River Rd		Lab Contact B. Miller		Lab Number P. Morrow	
Contract/Purchase Order/Quote No 0901308		Carrier/Waybill Number		Special Instructions/ Conditions of Receipt	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						Analysis (Attach list if more space is needed)
			Seal	Seal	Seal	Unlabeled	H2SO4	HNO3	HNO3	HNO3		
MW-1	9/10/09	856	X			X						STATS 82100
MW-5	↓	925	X			4						STATS 82100
MW-4	↓	935	X			4						STATS 82100
MW-3	↓	945	X			4						STATS 82100

Possible Hazard Identification		Sample Disposal		Disposal By Lab		Archive For		(A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable	☐ Solid Inert	☐ Return To Client	☒ Unknown	☒ Disposal By Lab	☐ Archive For	☐ Months	☐ Months	☐ Months
Turn Around Time Required		14 Days		21 Days		Other			
1. Relinquished By Andy Janik		Date 9/10/09		Time 1110		1. Received By Andy Janik		Date 9/10/09	
2. Relinquished By		Date		Time		2. Received By		Date	
3. Relinquished By		Date		Time		3. Received By		Date	

CONSTANTINUTION: WHITE - Returned to Chief with Report: CANASTA - Slays with the Sample: PINK - Field Copy

APPENDIX B-1
Historical Water Level Data

Appendix B-1
Historical Water Level Data

		8/8/1997	8/19/1997	8/20/1997	8/21/1997	8/22/1997	8/25/1997	9/4/1997	9/12/1997	10/3/1997	10/13/1997	11/21/1997	12/5/1997	12/24/1997	1/6/1998	2/2/1998	2/18/1998	4/1/1998	4/27/1998	5/27/1998	6/25/1998	7/31/1998
	Original																					
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
NAME	TOC	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	11.55	11.58	11.61	11.40	11.23	11.50	11.78	11.74	11.38	11.50	11.32	11.48	11.79	11.48	11.62	11.53	11.1	11.34	11.37	11.50	11.58
MW-2	578.76	12.77	12.91	12.94	12.66	12.44	12.83	13.2	13.09	12.77	12.98	13.13	12.84	13.18	12.80	12.81	12.82	12.36	12.57	12.69	12.69	12.91
MW-3	571.16	5.58	5.60	5.75	5.36	5.23	5.54	5.92	5.67	5.34	5.57	5.29	5.57	5.87	5.45	5.45	5.48	5.12	5.31	5.5	5.59	5.79
MW-4	583.83	17.76	17.87	18.04	18.82		18.13	18.25	18.25	17.85	17.94	18.2	17.96	18.1	20.17		18.06	18.02	17.90	18	17.99	18.09
MW-5	584.14	18.35	18.50	19.06	18.83	18.79	19.02	19.18	19.05	18.6	18.74	18.47	19.11	19.19	18.91	18.82	19.04	18.69	18.78	18.04	18.65	18.73
MW-6	585.70	19.95	20.07	20.68	20.39	20.29	20.61	20.68	20.70	20.12	20.69	20.84	20.72	21.03	20.43	20.34	20.80	20.3	20.10	20.38	20.28	20.48
MW-7	586.40	20.3	20.40	21.04	20.91	20.71	21.02	21.09	21.12	20.35	20.90	21.09	21.00	21.15	20.80	20.57	20.92	20.61	20.63	20.78	20.77	21.05
OW-1	573.63	8.05	8.21	8.38	8.05	7.98	8.30	8.6	8.44	8.15	8.29	8.2	8.48	8.76	8.42	8.38	8.50	7.98	8.08	8.25	8.23	8.41
OW-2	584.14	15.52	16.58	15.48	15.45	15.48	15.48	15.6	15.61	15.57	15.55	15.45	15.62	15.57	15.77	15.8	15.62	15.88	15.99	15.93	15.81	16.04
OW-3	576.25	10.59	10.65	10.72	10.79	10.68	10.70	10.88	11.11	10.7	10.80	10.69	11.00	11.07	10.80	10.58	10.92	10.55	10.63	10.6	10.91	10.55
OW-4	572.21	6.55	6.65	6.7	6.49	6.4	6.64	6.95	7.35	6.61	6.77	6.67	6.93	7.07	6.76	6.62	6.90	6.45	6.48	6.6	6.80	6.53
OW-5	584.16	15.92	16.04	15.87	15.76	15.88	16.12	16.22	16.25	16.36	16.40	16.75	16.75	17.06	17.10	17.11	16.92	17.16	17.42	17.33	17.39	17.53
OW-6	572.12	6.05	6.10	6.19	6.18	6.22	6.30	6.48	6.49	6.15	6.27	6.09	6.30	6.36	5.97	5.7	6.03	5.82	6.01	6.22	6.56	6.25
OW-7	574.84	8.74	8.79	8.92	8.88	8.97	9.10	9.3	9.28	8.81	9.05	8.96	8.92	9.04	8.51	8.23	8.50	8.3	8.58	8.98	9.26	8.95
OW-8	571.31	5.37	5.42	5.5	8.42	5.38	5.61	5.8	5.80	5.44	5.60	5.59	5.53	5.6	5.27	5.15	5.31	5.22	5.34	5.71	5.74	5.77
OW-9	588.32	21.42	21.46	21.46	21.50	21.51	21.48	21.6	21.62	21.5	21.42	21.08	20.62	20.92	20.72	20.36	20.48	20.32	20.56	21.12	21.55	
S-1	571.84	8.8	6.06	7.04	7.67	7.89	8.10	8.5	7.75	6.17	6.05	6.97	7.80	8.07	6.40	6.45	7.68	5.84	5.99	6	7.56	7.32
S-2	571.81	10.49	6.15	6.26		6.16	6.23			6.15	6.31	6.2	6.51	6.61	6.28	6.07	6.38	6.01	6.10	6.14	6.40	6.08
S-3	571.84	10.65	5.95	6.03		6.05	6.16	6.36	6.40	6	6.18	5.96	6.28	6.33	5.88	5.63	6.03	5.75	5.94	6.1	6.47	6.01
S-4	571.51	8.74	5.39	5.55	5.55	6.61	5.76	5.95	5.92	5.4	5.72	5.65	5.57	5.68	5.10	4.56	4.79	4.92	5.28	5.83	5.79	5.63
RW-1	581.82	16.25	16.32	22.2								16.13	22.17	22.17	21.18	16.28	19.42	21.51	21.31	21.2	21.53	21.28
RW-2	581.82	15.91	15.99	22.18								15.85	22.10	21.37	21.95	21.85	21.32	21.61	22.04	21.93	21.37	21.55
RW-3	582.30	16.37	16.48	16.66								10.30	22.63	22.70	19.77	21.96	22.29	22.68	22.10	22.12	22.24	22.65
RW-4	581.83	15.95	16.09	22.25								19.06	27.77	28.45	28.46	21.51	28.30	28.47	21.95	21.12	21.95	21.81
RW-5	582.05		16.37	22.4								16.39	37.67	22.44	22.28	21.7	21.47	33.98	22.27	21.51	18.37	22.02
RW-6	570.76	4.89	5.05	11.02								5.21	10.05	10.93	10.14	10.9	10.46	10.4	10.19	10.55	8.05	10.42
RW-7	570.67	4.78	4.93	11.05								4.91	10.55	11.06	10.47	10.79	10.85	10.4	10.65	10.23	5.26	10.05
RW-8	583.83	17.92	18.07	23.14								22.39	22.51	23.09	18.47	18.4	22.26	22.68	22.63	22.6	18.40	18.45
RW-9	583.86	17.88	18.00	24.1								24.05	23.36	23.58	18.45	18.37	23.58	21.75	18.12	18.4	18.24	18.5
RW-10	583.28	17.09	17.21	23.55								23.47	23.39	23.52	23.50	22.45	22.82	22.98	23.03	23.26	17.55	23.36
RW-11	581.22	15.1	15.18	20.28								20.95	20.24	20.09	20.95	20.83	20.09	20.28	21.13	20.58	17.84	
SG	568.89																					

Appendix B-1
Historical Water Level Data

		8/27/1998	9/28/1998	10/21/1998	11/23/1998	12/29/1998	1/28/1999	2/22/1999	3/29/1999	4/19/1999	5/28/1999	6/25/1999	7/25/1999	8/27/1999	9/27/1999	10/25/1999	11/8/1999	12/22/1999	1/27/2000	2/25/2000	3/24/2000
	Original																				
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
NAME	TOC	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	11.65	11.75	11.95	12.41	12.63	12.33	12.65	12.32	12.17	12.08	12.48	12.21	12.20	12.41	12.22	12.73	12.55	11.66	12.72	12.76
MW-2	578.76	12.84	12.96	13.11	13.67	13.95	13.75	13.89	13.75	13.56	13.43	13.81	13.40	13.45	13.71	13.55	14.22	13.99	12.91	14.20	14.32
MW-3	571.16	5.90	5.96	6.08	6.46	7.05	6.46	6.69	6.50	5.97	6.12	6.46	6.25	6.16	6.78	6.12	6.54	6.40	5.51	6.84	6.72
MW-4	583.83	18.18	18.18	18.45	18.87	19.30	19.07	19.12	18.84	18.71	18.58	18.92	18.72	18.56	18.72	18.59	19.09	19.27	19.17	18.40	19.34
MW-5	584.14	18.48	18.6	18.92	19.36	19.74	19.71	19.79	19.61	19.5	19.27	19.51	19.30	19.24	19.39	19.24	19.96	19.83	19.52	20.07	20.05
MW-6	585.70	19.93	20.32	20.30	21.14	21.69	21.65	21.68	21.58	21.37	21.34	21.32	20.90	21.02	21.25	21.24	21.95	21.53	21.10	22.01	22.04
MW-7	586.40	20.41	20.78	21.00	21.7	22.13	21.73	21.76	21.74	21.61	21.64	21.78	21.51	21.52	21.73	21.65	22.02	21.79	21.70	22.20	22.11
OW-1	573.63	8.30	8.38	8.69	9.14	9.66	9.39	9.56	9.36	8.89	8.91	9.12	8.61	8.78	9.30	9.01	9.58	9.40	8.45	9.72	9.65
OW-2	584.14	16.00	15.94	15.94	15.94	16.00	16.21	16.35	16.03	16.43	16.33	16.42	16.23	16.36	16.40	16.57	16.59	16.48	15.81	16.58	16.48
OW-3	576.25	10.03	10.1	10.42	10.8	11.38	11.25	11.29	11.27	11.26	11.15	11.48	11.29	11.34	11.35	11.33	11.37	11.33	11.20	11.53	11.34
OW-4	572.21	5.91	6.16	6.41	6.88	7.47	7.29	7.34	7.28	7.24	7.13	7.45	7.17	7.26	7.39	7.26	7.45	7.38	7.21	7.44	7.42
OW-5	584.16	17.06	16.96	17.06	16.95	17.32	17.8	18.08	17.95	18.17	18.22	18.13	18.18	18.24	18.43	18.45	18.51	18.58	18.47	18.61	18.43
OW-6	572.12	4.28	4.45	5.03	5.64	6.77	6.51	6.63	6.67	6.77	6.78	7.06	6.91	6.96	7.04	6.94	6.89	6.88	6.57	7.12	6.89
OW-7	574.84	7.62	6.4	7.25	8.07	9.62	9.23	9.42	9.53	9.61	9.49	9.99	9.73	9.81	9.90	9.96	9.93	9.78	9.61	9.78	10.03
OW-8	571.31	4.69	3.92	5.23	5.36	6.43	6.16	6.26	6.36	6.32	6.31	6.81	6.40	6.45	6.63	6.76	6.81	6.67	6.33	6.72	6.87
OW-9	588.32		17.43	18.63	20.08					21.64	21.75	21.94	22.02	21.97	22.11	21.88	21.67	21.72	21.62	21.99	21.78
S-1	571.84	6.86	5.75	7.70	7.23	7.95	7.68	7.61	7.76	7.71	7.62	7.59	7.67	7.65	7.60	7.52	7.80	7.51	7.02	7.85	7.65
S-2	571.81	5.37	5.59	5.88	6.29	6.92	6.77	6.8	6.78	6.77	6.65	7.01	6.78	6.82	6.95	6.72	6.91	6.86	6.51	6.94	6.83
S-3	571.84	4.51	4.8	5.23	5.78	6.70	6.41	8.34	6.53	6.61	6.6	6.91	6.73	6.82	6.79	6.71	6.74	6.73	6.59	6.81	6.68
S-4	571.51	5.51	3.02	3.42	4.7	6.61	5.97	6.13	6.28	6.32	6.39	6.95	6.37	6.33	6.44	7.05	7.03	7.04	6.86	6.88	7.15
RW-1	581.82	21.08	21.85	25.35	17.23	27.15	35.55	34.91	30.40	16.85	25.8	17.24	16.81	25.90	26.35		17.48	17.35	17.66	34.67	17.60
RW-2	581.82	21.53	21.4	25.61	26.01	25.88	26.32	25.81	25.70	25.4	25.65	25.40	26.40	25.51	17.08	17.10	25.51	36.32	36.30	25.27	25.52
RW-3	582.30	21.59	22.19	26.55	26.77	38.32	26.43	26.71	26.51	26.67	26.51	26.52	36.58	17.19	17.35	27.25	27.25	37.21	37.10	28.23	27.87
RW-4	581.83	22.08	21.52	24.51	24.53	17.29	25.25	24.91	25.21	25.31	24.66	17.12	21.63	22.82	22.45	22.95	17.52	22.45	23.02	22.43	22.32
RW-5	582.05	22.28	21.75	25.42	37.62	25.61	25.68	37.84	37.57	37.68	26.03	37.85	37.71	26.54	25.96	17.31	35.95	25.75	25.31	26.00	30.41
RW-6	570.76	10.12	5.36	15.20	14.23	14.63	6.32	6.29	14.50	15.4	15.48	6.27	15.26	15.31	14.94	15.19	6.67	6.49	6.59	6.88	6.84
RW-7	570.67	10.37	19.8	14.97	5.72	22.12	14.95	14.9	14.07	14.96		14.83	14.97	14.90	13.38	24.03	14.92	14.96	14.44	14.50	26.89
RW-8	583.83	22.23	22.69	27.12	26.7	26.12	26.57	26.11	26.62	26.9	26.27	19.29	26.27	26.31	19.22	26.37	26.90	26.21	26.11	26.33	26.67
RW-9	583.86	17.71	23.93	18.31	27.23	19.63	27.65	27.78	27.17	27.55		19.32	27.25	27.30	19.29	27.05	27.32	19.51	19.30	27.68	27.10
RW-10	583.28	22.79	23.35	23.31	23.52	22.65	23.11	23.03	23.56	23.45	23.36	23.33	23.07	23.20	23.04	22.85	22.88	23.08	23.20	23.25	23.38
RW-11	581.22	20.32	21.07	20.74	21.21	23.12	22.77	22.86	23.23	22.95	22.97	22.77	23.46	23.40	23.27	22.76	23.28	23.22	23.20	23.34	23.25
SG	568.89																				

Appendix B-1
Historical Water Level Data

		4/26/2000	5/26/2000	6/26/2000	7/21/2000	8/28/2000	9/29/2000	11/1/2000	11/30/2000	12/11/2000	1/22/2001	2/27/2001	3/16/2001	4/20/2001	5/30/2001	6/18/2001	8/1/2001	8/24/2001	9/25/2001	10/22/2001	12/11/2001
	Original																				
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
NAME	TOC	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	12.55	12.25	11.97	11.86	12.14	12.14	12.67	12.91	13.02	12.96	12.58	12.77	12.30	12.11	12.22	12.63	12.79	12.67	12.67	12.98
MW-2	578.76	14.05	13.70	13.43	13.32	13.56	13.57	14.14	14.46	14.63	14.32	14.11	14.45	13.75	13.61	13.69	13.93	14.13	13.90	14.08	14.50
MW-3	571.16	6.75	6.29	5.75	5.68	6.04	6.42	6.84	6.72	7.39	7.03	6.90	6.96	6.21	6.02	6.21	7.01	7.03	7.05	6.76	7.31
MW-4	583.83	19.07	15.05	16.52	16.23	17.42	18.8	19.35	13.50	18.87	19.69	19.32	19.39	19.00	18.83	18.87	19.22	19.52	19.51	12.27	14.45
MW-5	584.14	19.93	19.46	19.07	18.82	19.02	19.85	19.93	20.36	20.35	20.27	20.04	20.12	19.62	19.42	19.37	19.55	19.80	19.67	19.77	20.23
MW-6	585.70	21.52	21.35	21.02	20.53	21.14	21.08	21.65	21.95	22.18	21.84	21.76	22.34	21.41	21.25	21.21	21.32	21.47	21.43	21.65	21.92
MW-7	586.40	21.71	21.47	21.12	20.78	21.39	21.33	21.95	22.35	22.29	22.11	21.82	22.13	21.60	21.44	21.47	21.76	21.81	21.89	21.92	22.06
OW-1	573.63	9.72	9.15	8.68	8.52	8.84	9.14	9.42	9.60	10.13	9.97	9.78	9.75	9.10	8.90	8.99	9.60	9.67	9.53	9.59	10.10
OW-2	584.14	16.63	16.72	16.59	16.43	16.48	16.38	16.41	16.72	16.41	16.73	16.63	9.84	16.60	16.59	16.77	16.71	14.67	16.66	15.11	15.18
OW-3	576.25	11.26	11.18	10.79	10.75	10.88	11.21	11.65	11.85	11.77	11.83	11.63	11.47	11.42	11.21	11.16	11.67	11.71	11.79	11.45	11.45
OW-4	572.21	7.35	7.15	6.73	6.73	6.9	7.27	7.83	8.19	7.83	7.98	7.67	7.60	7.51	7.20	7.15	7.73	7.68	7.72	7.50	7.53
OW-5	584.16	18.28	18.21	17.91	17.71	17.7	17.68	17.98	18.27	18.31	18.58	18.48	18.53	18.24	18.25	18.14	18.16	18.24	18.32	18.52	18.65
OW-6	572.12	6.85	6.70	6.17	6.19	6.49	6.93	7.37	7.55	7.40	7.41	7.11	6.95	6.95	6.65	6.67	7.29	7.26	7.34	7.05	7.01
OW-7	574.84	9.71	9.43	8.76	8.88	9.27	10.35	10.72	10.24	10.43	10.28	9.90	9.65	9.73	9.38	9.38	10.12	10.17	10.30	9.87	9.91
OW-8	571.31	6.49	6.31	6.04	6.03	6.33	7.01	7.34	6.93	7.14	6.92	6.51	6.54	6.49	6.40	6.45	6.81	6.91	6.98	6.79	6.92
OW-9	588.32	21.51	21.48	21.20	21.21	21.65	21.88	22.11	22.22	22.20	22.03	21.70	21.73	21.65	21.67	21.78	22.12	22.17	22.37	22.06	21.90
S-1	571.84	7.71	7.79	7.85	7.47	7.78	7.61	7.63	7.55	7.62	7.59	7.95	7.57	7.68	7.65	7.56	7.53	7.27	7.26	6.56	8.21
S-2	571.81	6.78	6.60	6.17	6.15	6.35	6.79	7.35	7.69	7.31	7.49	7.09	6.96	6.94	6.56	6.55	7.17	7.15	7.23	6.91	6.91
S-3	571.84	6.68	6.55	5.99	6.03	6.27	6.85	7.52	7.78	7.41	7.53	7.1	6.9	6.91	6.46	6.47	7.29	7.13	7.27	6.91	6.85
S-4	571.51	6.72	6.14	5.61	5.61	5.96	7.81	7.91	7.03	7.33	7.00	6.51	6.32	6.46	6.08	5.88	6.56	6.59	6.71	6.45	6.72
RW-1	581.82	25.64	25.68	16.61	16.57		33.05	17.38	16.57	26.50	35.65	34.39	17.82	17.05	16.71	16.95	33.22	27.04	32.51	33.12	35.85
RW-2	581.82	25.91	25.95	25.46	16.37		26.05	25.45	25.82	25.61	26.29	25.90	25.94	26.07	15.15	25.45	25.69	17.50	25.31	25.43	25.50
RW-3	582.30	23.09	19.83	19.68	16.82		38.22	36.06	38.47	37.34	34.30	28.45	21.10	29.14	30.56	30.58	28.61	35.13	32.19	22.65	34.11
RW-4	581.83	22.49	21.78	21.91	16.46		16.88	25.85	26.60	26.27	25.45	25.47	17.97	25.40	25.48	25.77	17.26	26.33	26.35	17.46	26.16
RW-5	582.05	25.65	26.20	26.47	16.74		37.06	37.83	36.50	37.41	37.70	28.55	22.27	21.82	21.01	20.51	20.58	22.95	24.00	24.90	25.49
RW-6	570.76	15.17	9.76	5.82	5.48		15.43	15.08	19.48	22.90	16.40	13.14	11.29	10.24	6.08	6.06	14.77	6.40	14.30	14.71	15.35
RW-7	570.67	14.00	14.28	14.24	5.37		5.84	14.3	14.10	19.55	6.70	6.51	6.90	18.35	14.55	14.88	14.43	6.29	14.99	14.92	6.75
RW-8	583.83	26.37	26.32	26.63	18.55	18.85	18.95	26.32	26.30	20.18	26.08	19.36	26.09	18.86	26.85	18.46	19.33	26.41	19.38	19.55	26.45
RW-9	583.86	19.44	27.58	27.10	18.50	21.55	18.95	19.5	19.91	20.13	19.78	27.15	27.52	27.42	28.01	27.04	19.32	19.45	27.23	27.26	19.77
RW-10	583.28	22.83	22.63	22.29	21.67	22.25	23.25	23.04	22.70	22.82	23.33	22.62	22.95	22.76	22.46	22.74	22.64	18.74	23.33	23.03	22.55
RW-11	581.22	22.80	22.71	23.36	23.32	23.42	23.09	22.78	23.44	22.85	23.70	23.61	23.68	23.65	22.90	22.76	23.07	23.53	23.36	23.49	23.55
SG	568.89					0.73	0.65	0.06	0.3	DRY	DRY	DRY	DRY	0.44	0.52	0.62	0.54	0.35	0.62	0.3	DRY

Appendix B-1
Historical Water Level Data

		1/23/2002	2/20/2002	3/28/2002	4/24/2002	5/23/2002	6/17/2002	7/25/2002	8/20/2002	9/18/2002	10/18/2002	11/22/2002	12/16/2002	1/30/2003	2/28/2003	3/11/2003	4/15/2003	5/28/2003	6/23/2003	7/18/2003	8/29/2003
	Original																				
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
NAME	TOC	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	12.58	12.48	12.48	12.07	11.87	11.90	12.45	12.28	12.44	12.40	12.80	12.66	12.77	12.63	12.49	11.99	11.91	11.68	12.18	12.40
MW-2	578.76	14.11	13.91	13.96	13.48	13.25	13.26	13.80	13.57	13.62	13.65	14.30	14.25	14.50	14.51	14.24	13.68	13.59	13.30	13.68	13.75
MW-3	571.16	7.04	6.75	6.89	6.51	6.29	6.21	6.89	6.81	6.95	6.24	6.61	6.55	7.09	6.96	6.68	6.16	6.08	5.82	6.29	6.48
MW-4	583.83	8.50	16.02	16.51	18.55	18.64	18.81	19.25	19.02	19.12	18.76	19.05	19.05				18.50	18.38	18.12	18.51	18.60
MW-5	584.14	19.88	19.67	19.71	19.25	19.04	19.10	19.56	19.31	19.52	19.23	20.01	20.04		20.15	19.96	19.27	19.17	18.83	19.17	19.30
MW-6	585.70	21.81	21.64	21.56	20.96	20.87	20.81	21.22	21.02	21.22	21.02	21.81	21.85	21.88	22.04	21.81	21.11	21.02	20.67	21.15	21.08
MW-7	586.40	21.74	21.43	21.60	20.90	20.73	20.94	21.55	21.35	21.50	21.45	22.01	21.89	22.00	22.09	21.85	21.11	21.27	20.93	21.28	21.47
OW-1	573.63	9.77	9.55	9.67	9.28	8.82	8.93	7.42	9.28	9.31	8.86	9.51	9.55	9.82	9.83	9.63	9.03	8.74	8.55	8.97	9.11
OW-2	584.14	15.21	16.29	16.41	15.37	16.17	16.06	16.20	16.30	16.22	15.12	16.09	16.42		16.15	16.38	16.26	16.20	16.15	16.35	16.21
OW-3	576.25	11.15	10.84	10.86	10.47	10.37	10.58	10.83	10.87	11.08	11.26	11.25	11.69	11.53	11.83	11.91	11.19	11.10	11.00	10.98	11.56
OW-4	572.21	7.21	6.98	6.94	6.61	6.53	6.63	6.94	6.92	7.08	7.24	7.44	7.62	7.72	8.10	7.80	7.26	7.22	7.03	7.08	7.86
OW-5	584.16	18.01	17.69	17.70	17.40	17.15	17.30	17.41	17.39	17.57	17.79	17.84	18.00		17.98	18.12	17.84	17.64	17.60	17.46	17.51
OW-6	572.12	6.54	6.14	6.22	5.72	5.57	5.88	6.40	6.48	6.73	6.89	6.75	6.73	6.85	7.07	6.92	6.35	6.56	6.47	6.41	7.05
OW-7	574.84	9.23	8.71	8.87	8.31	8.07	8.47	9.02	9.21	9.48	9.53	9.82	9.62	10.17	10.42	9.73	8.89	7.39	9.23	9.52	10.64
OW-8	571.31	6.46	6.02	6.18	5.77	5.55	5.87	6.40	6.30	6.58	6.64	6.70	6.58	6.95	7.20	6.75	6.06	6.36	6.21	6.45	7.11
OW-9	588.32	21.38	20.92	21.27	20.77	20.48	21.07	21.68	21.87	22.07	22.17	21.94	21.75	21.78	21.88	21.81	21.19	21.59	21.68	21.79	22.02
S-1	571.84	7.95	7.90	7.72	5.82	5.85	6.15	6.19	6.15	5.92	5.95	7.95	7.65	7.70	7.52	7.12	7.52	7.45	7.75	6.98	7.85
S-2	571.81	6.57	6.31	6.30	5.89	5.83	6.01	6.33		6.60	6.75	6.97	7.10		7.54	7.06	6.62	6.64	6.40	6.38	7.21
S-3	571.84	6.4	5.98	6.03	5.54	5.42	5.68	6.11	6.27	6.54	6.69	6.56	6.52		6.83	6.50	6.15	6.35	6.10	6.00	6.35
S-4	571.51	6.16	5.39	5.64	5.07	4.72	5.23	5.71	5.98	6.26	6.42	6.94	7.00	7.58	7.82	6.48	5.56	6.35	6.17	7.06	8.94
RW-1	581.82	34.45	26.78	34.11	32.39	31.25	26.25	33.71	34.30	34.22	17.11	11.85	8.92	17.60	17.53	17.17	16.65	16.69	16.20	16.65	17.09
RW-2	581.82	25.57	25.61	26.32	25.47	26.40	25.35	25.99	26.50	17.35	16.90	16.06	14.96	17.40	17.31	17.25	17.31	16.67	16.21	16.47	16.85
RW-3	582.30	31.95	30.25	29.02	26.10	29.27	30.10	31.28	32.20	33.89	17.35	13.05	17.39	17.90	17.86	17.68	17.07	17.18	16.60	16.39	17.17
RW-4	581.83	17.55	25.94	17.45	16.55	16.75	25.85	25.97	17.04	26.35	17.01	17.41	17.41	17.50	17.54	17.51	16.77	16.56	16.27	16.68	16.72
RW-5	582.05	17.75	17.48	23.81	23.55	22.15	22.53	27.20	27.61	35.15	17.29	16.15	17.67	17.80	17.82	17.72	17.07	17.03	16.58	16.88	17.10
RW-6	570.76	8.29	7.48	7.61	14.80	14.12	14.81	11.07	14.95	14.61	6.11	6.25	6.35	6.50	6.67	6.49	5.88	5.77	5.34	5.75	5.88
RW-7	570.67	14.75	14.90	14.50	14.43	14.31	14.95	14.95	14.79	14.78	5.98	4.21	6.41	6.40	6.52	6.15	5.65	5.77	5.22	5.67	5.71
RW-8	583.83	26.70	26.07	27.03	18.95	26.76	19.05	19.18	18.99	19.12	19.05	19.52	19.65	19.60	19.78	18.67	18.85	18.81	18.43	18.87	18.82
RW-9	583.86	27.15	27.07	26.91	18.81	27.92	27.71	28.10	28.41	27.64	19.01	19.22	18.74		17.77	19.53					
RW-10	583.28	23.05	22.88	23.20	17.89	17.85	17.93	21.35	18.15	18.49	18.46	18.81	18.68		18.88	19.68	17.91	17.92	17.65	18.14	18.15
RW-11	581.22	23.22	23.59	23.12	15.38	22.81	15.61	22.51	23.11	23.55	16.37	16.55	16.37				15.58	15.85	15.43	15.82	16.08
SG	568.89	DRY	DRY	DRY	0.4	0.65	0.65	0.65	0.65	0.8	0.65	DRY	DRY				0.2	0.5	0.95	0.45	0.85

***** NOTE OW-8 and OW-9 data were reversed 9/18/02 by OBG, repaired here.

Appendix B-1
Historical Water Level Data

		9/24/2003	10/24/2003	11/25/2003	12/15/2003	1/20/2004	2/26/2004	3/9/2004	4/23/2004	5/27/2004	06/07/04	07/21/04	08/20/04	09/24/04	10/28/04	02/15/05	04/20/05	08/01/05	12/08/05	03/21/06	06/23/06	09/26/06
	Original																					
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
NAME	TOC	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	12.39	12.61	12.21	12.56	12.27	12.54	12.11	11.90	11.52	11.60	11.74	11.59	11.70	12.43	11.70	11.54	11.98	12.42	12.01	11.56	11.48
MW-2	578.76	13.68	14.10	13.76	14.04	13.91	14.36	14.05	13.68	13.25	13.25	13.36	13.23	13.32	14.06	13.38	13.25	16.42	14.20	13.77	13.10	13.33
MW-3	571.16	6.36	6.50	6.25	6.48	6.55	6.90	6.50	6.13	5.88	5.80	5.84	5.78	5.93	6.52	5.95	5.83	6.32	6.71	6.44	5.83	5.87
MW-4	583.83	18.58	18.81	16.37	17.68				1.85	1.65	16.20	18.13	17.97	18.07	18.80		14.45	18.28	18.80	18.71	17.95	16.40
MW-5	584.14	19.21	19.68	19.26	19.72	19.52		19.75	19.26	18.89	18.80	18.83	18.72	18.78	19.55	19.14	18.73	18.90	19.80	19.47	18.58	18.94
MW-6	585.70	21.09	21.48	21.30	21.45	21.28	21.92	21.52	20.95	20.81	20.57	20.76	20.49	20.61	21.36	20.85	20.45	20.72	21.58	21.29	20.49	20.73
MW-7	586.40	21.53	21.73	21.23	21.53	21.35	21.97	21.39	20.98	20.76	20.72	20.92	20.75	20.72	21.57	20.87	20.45	21.10	21.45	21.22	20.75	20.94
OW-1	573.63	9.05	9.38	8.91	9.32	9.21	9.60	9.25	8.91	8.65	8.49	8.65	8.57	8.65	9.33	5.80	8.51	8.76	9.33	9.17	8.37	8.58
OW-2	584.14	16.11	16.34	16.09	16.21	16.15	15.84	16.05	15.11	15.65	15.91	15.47	15.65	15.60	15.62	3.31	15.26	15.26	15.15	15.30	15.13	15.11
OW-3	576.25	11.81	11.74	11.13	11.21	10.94	11.18	10.71	10.36	10.47	10.44	10.62	10.47	10.37	10.60	10.23	9.48	10.61	10.12	9.58	10.20	10.13
OW-4	572.21	7.82	7.87	7.15	7.30	7.07	7.31	6.91	6.62	6.60	6.62	6.78	6.63	6.59	6.91	6.23	6.04	6.81	6.72	6.47	6.51	6.65
OW-5	584.16	17.64	17.95	17.56	17.39			17.39	16.88	16.52	16.65	16.70	16.61	16.45	16.78	16.52	16.05	16.67	17.31	16.39	16.72	16.80
OW-6	572.12	7.21	7.12	6.57	6.61	6.37	6.64	6.05	5.62	5.73	5.80	6.17	5.97	5.82	6.36	5.05	4.85	6.27	5.80	5.47	5.95	5.91
OW-7	574.84	10.43	10.37	9.27	9.71	9.19	9.65	8.67	8.25	8.48	8.58	9.15	8.67	8.57	9.38	7.62		9.00	8.51	8.17	8.65	5.63
OW-8	571.31	6.77	6.88	6.15	6.51	6.19	6.62	5.85	5.75	5.87	5.89	6.22	5.90	5.82	6.53	5.65	5.37	6.22	5.85	5.80	5.98	5.97
OW-9	588.32	22.11	21.96	21.63	21.31	21.26	21.60	20.96	20.55	20.76	20.90	21.33	21.17	20.83	21.43	20.58	19.96	21.62	20.77	20.58	21.49	21.29
S-1	571.84	7.74	7.95	7.72	7.45	7.27	7.76	8.45	7.85	7.60	7.75	7.55	7.60	7.53	7.87	7.23	4.95	8.12	5.45	7.71	5.67	5.55
S-2	571.81	7.46	7.36	6.56	6.67	6.43	6.69	6.15	5.85	5.92	5.92	6.14	5.96	5.96	6.15	5.23	4.90	6.08	5.65	5.34	5.70	5.66
S-3	571.84	6.92	7.04	6.15	6.34	6.20	6.45	5.75	5.54	5.58	5.58	6.00	5.72	5.72	6.15	4.84	4.36	6.02	5.54	5.20	5.61	5.63
S-4	571.51	7.35	7.61	5.92	7.02	6.32	7.04	5.79	5.67	5.86	5.94	6.64	5.72	5.72	7.02	5.38	4.03	5.67	5.92	5.66	5.37	5.68
RW-1	581.82	17.05	16.97	15.11	17.18	17.05	16.51	15.45	14.75	14.42	16.49	16.39	16.14	16.33	17.17	13.96	16.39					
RW-2	581.82	16.77	16.85	16.30	16.90	16.82	17.26	14.90	16.30	15.95	16.31	16.20	16.14	16.27	16.99	15.54	16.31					
RW-3	582.30	17.03	17.31	16.12	17.50	17.21	17.80	15.65	15.90	15.55	16.69	16.60	16.50	16.64	17.34	5.92	16.72					
RW-4	581.83	17.75	17.11	16.78	17.21	17.01	17.61	17.23	16.80	16.48	16.30	16.29	16.19	16.27	17.07	16.64	16.25	16.35	17.32	16.95	16.08	16.42
RW-5	582.05	16.90	17.25	16.65	17.50	17.21	17.72	17.38	16.95	16.63	16.58	16.60	16.34	16.59	17.39	13.50	16.52	16.65	17.53	17.27	16.35	16.55
RW-6	570.76	5.84	6.21	5.62	6.18	5.90	5.80	6.18	5.82	5.50	5.38	5.45	5.27	5.32	6.11	3.62	5.25					
RW-7	570.67	5.72	6.09	5.50	6.11	5.85	6.52	5.98	5.40	5.28	5.25	5.27	5.17	5.22	6.01	1.60	5.13					
RW-8	583.83	18.81	19.21	19.00	20.21	19.03	19.68	19.25	18.80	18.65	18.31	18.45	18.25	18.35	19.11	18.60	18.20					
RW-9	583.86																					
RW-10	583.28	18.18	18.46	18.10	18.30	18.11	18.94	18.15	17.78	17.65	17.50	17.69	17.48	17.45	18.27	17.61	17.20					
RW-11	581.22	15.91	16.14	15.65	16.02	15.80	16.45	15.77	15.48	15.15	15.09	15.44	15.28	15.20	16.11	15.37	14.90					
SG	568.89	0.8	0.2	0.15	0.1				0.4	0.6	1.0	0.9	0.9	0.9	0.1	0.4	0.9	1.1	DRY	0.7	1.8	1.0

Appendix B-1
Historical Water Level Data

		12/19/06	12/27/07	03/31/08	06/27/08	09/26/08	11/05/08	3/4/2009	6/19/2009	9/9/2009	12/24/2009
	Original										
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
NAME	TOC	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	12.10	12.11	10.33	11.91	12.23	12.48	12.04	11.75	11.94	12.44
MW-2	578.76	13.78	13.95	13.36	13.59	13.91	14.29	13.72	13.35	13.58	14.21
MW-3	571.16	6.30	6.51	5.80	6.03	6.52	6.74	6.29	5.82	6.39	6.70
MW-4	583.83	16.18	17.36		18.31	18.62	19.01	18.44	18.1	18.32	18.96
MW-5	584.14	19.31	19.72	18.93	19.01	19.32	19.79	19.27	18.8	19.01	19.81
MW-6	585.70	20.95	21.49	20.66	20.84	21.29	21.71	21.06	20.65	20.63	21.59
MW-7	586.40	20.96	21.33	20.54	21.08	21.44	21.83	20.93	20.8	21.01	21.18
OW-1	573.63	8.93		8.34	8.86	9.21	9.52	8.89	8.5	8.82	9.31
OW-2	584.14	15.15		15.22	15.29	15.41	15.47	15.36	15.1	15.16	15.15
OW-3	576.25	9.16		8.82	9.98	10.40	10.51	9.49	9.75	9.79	9.38
OW-4	572.21	6.24		6.25	6.82	7.21	7.38	6.57	6.52	6.66	6.69
OW-5	584.16	16.08		11.70	16.35	16.80	16.98	16.52	15.98	16.09	16.12
OW-6	572.12	4.80		4.32	5.59	6.16	6.35	4.99	5.27	5.46	5.11
OW-7	574.84	7.38		6.88	8.29	8.99	9.16	7.66	7.95	8.24	7.76
OW-8	571.31	5.40		5.11	5.81	6.41	6.61	5.41	5.61	5.71	5.86
OW-9	588.32	20.06		19.75	20.96	21.74	21.81	20.22	20.88	20.76	21.61
S-1	571.84	4.70		4.11	7.61	9.02	5.95	5.14	5.75	7.94	4.98
S-2	571.81	4.65		4.30	5.39	5.85	5.99	4.82	5.02	5.21	4.75
S-3	571.84	4.50		4.15	5.29	5.94	5.99	4.7	4.82	5.21	4.72
S-4	571.51	4.95			5.46	6.06	6.25	4.95	5.4	5.71	5.06
RW-1	581.82										
RW-2	581.82										
RW-3	582.30										
RW-4	581.83	16.80	17.24	16.45	16.45	16.85	17.18	16.77	16.28	16.49	17.51
RW-5	582.05	17.10	17.49	10.70	16.81	17.11	17.52	17.02	16.61	16.80	
RW-6	570.76										
RW-7	570.67										
RW-8	583.83										
RW-9	583.86										
RW-10	583.28										
RW-11	581.22										
SG	568.89	1.8		2.8	3.1	2.6	2.0	3.43	4.25	4.1	3.1

***** NOTE GES was unable to obtain water level monitoring data from 1Q, 2Q, and 3Q 2007

APPENDIX B-2
Historically Detected Compounds
(Monitoring Wells, 1997-2009)

Appendix B-2
Monitoring Well MW-1
Historically Detected Compounds

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-1 162140	MW-1 G5092	MW-1 H0915	MW-1 H7392	MW-1 J8338	MW-1 M0188	MW-1 N4875	MW-1 Q3850	MW-1 R7149	MW-1 S7281	MW-1 T6808	MW-1 V4308	MW-1 Z7440	MW-1 A7549	MW-1 B4250	MW-1 E1139	MW-1 0508015-004A	MW-1 0603100-003A	MW-1 A7E98502	MW-1 RSI0359-01
			Source: SDG: Matrix: Sampled:	Columbia MW1 Water 8/12/1997	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/19/1998	OBG 7810 Water 5/27/1998	OBG 9571 Water 10/21/1998	OBG 1489 Water 4/19/1999	OBG 3856 Water 11/9/1999	OBG 5490 Water 4/27/2000	OBG 7645 Water 12/13/2000	OBG 9259 Water 6/19/2001	OBG 724 Water 12/11/2001	OB 2494 Water 6/17/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/25/2003	OB 6968 Water 12/15/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/22/2006	BM A07-E985 Water 12/26/2007	BM RSI0296 Water 9/10/2009
CAS NO.	COMPOUND		UNITS:																				
	VOLATILES																						
67-64-1	Acetone	50 (G)	µg/L	10 U	10 U	10 U	10 U	4 J	5 J B	10 U	10 U	10 U	2 J	10 U	10 U	2 JB	10 U	10 U	2 JB	4 BJ	2 BJ	5 U	5 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	19	10 U	7 J	10 U	10 U	10 U	10 U	10 U	8 J	10 U	10 U	10 U	1 U	1 U	
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	10 U	2 J	1 J B	10 U	10 U	1 J	10 U	1 JB	1 J	0.8 JB	10 U	10 U	0.7 JB	0.6 BJ	U	1 U	
108-88-3	Toluene	5	µg/L	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	1 U	
1330-20-7	Xylene (total)	5	µg/L	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	3 U	
	Total VOCs			4	ND	ND	ND	6	25	ND	7	1	2	1	1	2.8	8	ND	2.7	4.6	2	ND	ND
	SEMIVOLATILES																						
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U		10 U	U	5 U	5 U
84-74-2	Butyl benzyl phthalate	50	µg/L																	10 U		5 U	5 U
84-74-2	Di-n-butyl phthalate	50	µg/L	2 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	0.4 BJ	0.49 J
91-20-3	Naphthalane	10 (G)	µg/L																	10 U	U	5 U	5 U
	Total SVOCs			2	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	NA	ND	ND	0.4	0.49
	PESTICIDES																						
309-00-2	Aldrin	ND	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.05 U	0.051 U	0.0081 JP	0.051 U	0.051 U	0.051 U					
319-84-6	alpha-BHC	0.01	µg/L	0.053 U	0.00055 JP	0.05 U	0.0012 J	0.05 U	0.01 BJP	0.05 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U	0.051 U	0.051 U	0.051 U					
319-85-7	beta-BHC	0.04	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U	0.051 U	0.051 U	0.015 JP					
50-29-3	4,4'-DDT	0.2	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0033 JP	0.0009 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U					
60-57-1	Dieldrin	0.004	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0011 JP	0.1 U	0.1 U	0.1 U	0.1 U					
959-98-8	Endosulfan I	NS	µg/L	0.053 U	0.05 U	0.05 U	0.00072 JP	0.05 U	0.003 JP	0.0034 BJP	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U	0.051 U	0.0038 JP	0.051 U					
1031-07-8	Endosulfan sulfate	NS	µg/L	0.11 U	0.1 U	0.1 U	0.1 NS	0.1 U	0.0022 BJP	0.0013 JP	0.1 U	0.1 U	0.1 U	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	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0032 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U					
7421-93-4	Endrin aldehyde	5	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0069 BJP	0.1 U	0.1 U	0.005 BJ					
53494-70-5	Endrin ketone	5	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0037 JP	0.1 U	0.1 U	0.1 U		
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.032 J	0.00053 JP	0.051 U	0.05 U	0.051 U	0.05 U	0.051 U	0.051 U	0.051 U					
5103-74-2	gamma-Chlordane	0.05	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.01 JP	0.0024 JP	0.008 BJP	0.003 J	0.0015 JP	0.05 U	0.003 J	0.0015 JP	0.05 U	0.051 U	0.015 JP	0.051 U	0.0045 BJP			
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0038 J	0.0019 J	0.05 U	0.051 U	0.05 U	0.051 U	0.05 U	0.051 U	0.051 U	0.051 U					
72-43-5	Methoxychlor	35	µg/L	0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.0042 BJP	0.5 U	0.51 U	0.5 U	0.51 U	0.51 U	0.51 U					
	Total Pesticides			ND	0.00055	ND	0.01192	0.0046	0.0261	0.0405	0.00683	0.0066	ND	0.008	0.0081	ND	0.0275	0.015	0.0045	NA	NA	NA	NA
	PCBs																						
	None detected																						
	INORGANICS																						
7429-90-5	Aluminum	NS	µg/L	273	1580	3080	1940	2730	830	4760	7170	4880 E	4760	7810	3660	11500	4090	3680	3230				
7440-36-0	Antimony	3	µg/L	2.2 UE	2.6 U	2.6 U	2.9 U	1.7 B	3.2 B	2.5 U	1.9 U	1.5 U	1.4 U	2.1 U	2.3 U	2.1 U	1.7 U	1.4 U	2.3 U				
7440-38-2	Arsenic	25	µg/L	35.3	23.9	25	23.8	23.9	24.5	29.9	29.4	29.7	29.6	40.6	28.7	36.8	35.6	28.7	31.3				
7440-39-3	Barium	1000	µg/L	733	353	447	340	353	472	516	624	624	537	821	419	1170	731	650	603				
7440-41-7	Beryllium	3 (G)	µg/L	0.46 B	0.1 B	0.17 B	0.12 U	0.14 B	0.38 B	0.24 B	0.35 B	0.53 B	0.2 B	0.41 B	0.16 B	0.63 B	0.1 B	0.1 B	0.08 U				
7440-43-9	Cadmium	5	µg/L	1.8 B	0.48 B	0.3 U	0.49 U	0.43 U	0.62 B	0.3 U	0.28 U	0.25 U	0.24 U	0.37 U	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U				
7440-70-2	Calcium	NS	µg/L	188000	203000	213000	206000	214000	222000	247000	243000	270000	232000	256000	273000	279000	217000	230000	207000				
7440-47-8	Chromium	50	µg/L	1.7 B	6.5 B	7.2 B	5 B	11.5	9 B	12.6 E	16.9	13.7	60.7	19	9.2 B E	21	9.3 B	8.5 B	7.8 B				
7440-48-4	Cobalt	NS	µg/L	2.1 U	1.1 U	1.2 U	2.3 U	2.3 U	1.6 U	2.8 B	3.5 B	3.4 B	2.8 B	5.9 B	1.2 U	5.4 B	1.4 U	2 U	1.9 U				
7440-50-8	Copper	200	µg/L	7.7 U	5.3 B	4.6 B	5.2 B	7.2 B	3.8 B	11.3 B	13.9 B	11.7 B	10.3 B	17 B	6.9 B	23 B	7.4 B	6.8 B	4.4 B				
7439-89-6	Iron	300	µg/L	7410	10300	11800	11600	13100	9120	16600	19900	14500	16500	22700	14000	30600	14700	14700	12000				
7439-92-1	Lead	25	µg/L	2.7 U	1.1 B	1.3 B	1.8 U	4.5	3.4	5	5.6	8.2	4.8	8.5	5.8 N	10.6	2.7 B	1.7 U	2.6 B				
7439-95-4	Magnesium	35000 (G)	µg/L	54600	47400	52600	49200	53500	52700	64300	62900	56100	55900	66000	65900	71700	57000	56300	52400				
7439-96-5	Manganese	300	µg/L	58.2	136	188	157	201	155	297	309	344	208	387	406	563							

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
B (organics) = The analyte was found in the associated blank, as well as in the sample
J or B (inorganics) = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
J (organics) = Indicates an estimated value

Appendix B-2
Monitoring Well MW-2
Historically Detected Compounds

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-2 162139	MW-2 G5114	MW-2 H0916	MW-2 H7394	MW-2 J8340	MW-2 M0190	MW-2 N4874	MW-2 Q3851	MW-2 R7150	MW-2 S7278	MW-2 T6914	MW-2 V4313	MW-2 Z7444	MW-2 A7550	MW-2 B4506	MW-2 E1069	MW-2 0508023-001A	MW-2 0603108-003A	MW-2 A7E98503
			Source: SDG:	Columbia	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OB	OB	OB	OB	OB	OB	OB	OB
			Matrix:	MW1	5116	6847	7810	9571	1489	3856	5490	7645	9259	739	2494	4203	5716	6968	6968	200508	LSL-BL 6030950	BM A07-E985
			Sampled:	8/12/1997	11/20/1997	2/19/1998	5/28/1998	10/21/1998	4/20/1999	11/8/1999	4/27/2000	12/13/2000	6/19/2001	12/12/2001	6/18/2002	12/17/2002	6/25/2003	12/18/2003	6/7/2004	8/3/2005	3/23/2006	12/26/2007
CAS NO.	COMPOUND		UNITS:																			
	VOLATILES																					
67-64-1	Acetone	50 (G)	µg/L	10 U	10 U	10 U	10 U	4 J	10 U	10 U	3 J	10 U	4 J	10 U	10 U	2 JB	10 U	10 U	3 JB	4 BJ	3 BJ	20 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	2 J	10 U	10 U	4 J	10 U	10 U	10 U	10 U	10 U	5 J	10 U	10 U	10 U	10 U	4 U
67-66-3	Chloroform	7	µg/L	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1 J	4 U
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	1 JB	10 U	0.9 JB	10 U	10 U	0.8 JB	0.9 BJ	1 BJ	4 U
108-88-3	Toluene	5	µg/L																		U	4 U
1330-20-7	Xylene	5	µg/L																		U	12 U
	Total VOCs			ND	1	ND	ND	6	2	ND	7	ND	4	1	ND	2.9	5	ND	3.8	5.9	4	ND
	SEMIVOLATILES																					
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 JB	1 J	1 J	10 U	10 U	10 U	10 U	2 JP	10 U	1 J	3 JB	10 U	10 U	10 U	10 U	21	2 J	U	14
85-68-7	Butyl benzyl phthalate	50	µg/L	2 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		5 U
84-66-2	Diethyl phthalate	50 (G)	µg/L	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		5 U
84-74-2	Di-n-butyl phthalate	50	µg/L	3 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	0.3 BJ
91-20-3	Naphthalene	10 (G)	µg/L																		U	5 U
108-95-2	Phenol	1	µg/L	4 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		5 U
	Total SVOCs			12	1	1	ND	ND	ND	ND	2	ND	1	3	ND	ND	ND	ND	21	2	ND	14
	PESTICIDES																					
309-00-2	Aldrin	ND	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.0018 JP	0.051 U	0.052 U	0.051 U	0.052 U			
319-84-6	alpha-BHC	0.01	µg/L	0.053 U	0.05 U	0.05 U	0.0024 J	0.05 U	0.0089 BJ	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U	0.051 U	0.052 U	0.051 U				
319-85-7	beta-BHC	0.04	µg/L																0.052 U			
72-54-8	4,4'-DDD	0.3	µg/L																0.1 U			
72-55-9	4,4'-DDE	0.2	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.00059 JP	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U			
50-29-3	4,4'-DDT	0.2	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0007 JP	0.1 U	0.1 U	0.0029 JP	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U			
60-57-1	Dieldrin	0.004	µg/L																0.1 U			
959-98-8	Endosulfan I	NS	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0012 JP	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U	0.051 U	0.052 U	0.051 U				
33213-65-9	Endosulfan II	NS	µg/L	0.11 U	0.1 U	0.1 U	0.003 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U				
1031-07-8	Endosulfan sulfate	NS	µg/L	0.11 U	0.1 U	25 JP	0.1 U	0.1 U	0.00092 JP	0.002 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U			
72-20-8	Endrin	ND	µg/L																0.1 U			
7421-93-4	Endrin aldehyde	5	µg/L	0.11 U	0.1 U	0.1 U	0.0042 JP	0.0048 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0069 BJ	0.11 U	0.1 U	0.0046 BJP	0.1 U	0.1 U			
53494-70-5	Endrin ketone	5	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U			
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0051 JP	0.037 JP	0.0052 JP	0.051 U	0.05 U	0.051 U	0.053 U	0.051 U	0.052 U	0.051 U	0.052 U			
5103-74-2	gamma-Chlordane	0.05	µg/L	0.053 U	0.05 U	0.05 U	0.0025 JP	0.0016 JP	0.013 BJP	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U	0.051 U	0.0073 J	0.051 U	0.0049 BJP			
76-44-8	Heptachlor	0.04	µg/L																0.052 U			
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.053 U	0.05 U	0.05 U	0.00047 JP	0.05 U	0.0024 JP	0.05 U	0.051 U	0.051 U	0.05 U	0.051 U	0.053 U	0.051 U	0.052 U	0.051 U				
72-43-5	Methoxychlor	35	µg/L	0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51 U	0.5 U	0.51 U	0.0028 BJP	0.5 U	0.51 U	0.53 U	0.51 U	0.52 U	0.51 U				
	Total Pesticides			ND	ND	25	0.01257	0.0064	0.03222	0.039	0.0052	0.00629	ND	0.0069	0.0018	ND	0.0119	ND	0.0049	NA	NA	NA
	PCBs																					
	None Detected																					
	INORGANICS																					
7429-90-5	Aluminum	NS	µg/L	329	37800	34600	19400	17900	12100	23100	35500	6220 E	16300	40100	27800	26800	29800	36400	51300			
7440-36-0	Antimony	3	µg/L	2.6 BE	2.6 U	2.6 U	2.9 U	1.3 U	2.9 B	2.5 U	1.9 U	1.5 U	1.4 U	2.1 U	2.3 U	2.1 U	1.7 U	1.4 U	2.3 U			
7440-38-2	Arsenic	25	µg/L	38.7	51.1	45.2	35.7	34.6	27.5	35.9	43.4	24.4	40.9	57.4	48.9	50.9	50.8	57.1	63.9			
7440-39-3	Barium	1000	µg/L	76.9 B	457	432	275	260	180 B	291	440	130 B	247	492	375	411	501	567	827			
7440-41-7	Beryllium	3 (G)	µg/L	0.38 B	2 B	1.7 B	0.94 B	0.88 B	0.71 B	1.1 B	1.7 B	0.66 B	0.75 B	2.1 B	1.3 B	1.3 B	1.4 B	1.8 B	2.2 B			
7440-43-9	Cadmium	5	µg/L	0.89 B	1.5 B	0.5 B	0.49 U	1.1 B	0.86 B	0.56 B	0.93 B	0.25 U	0.24 U	1.1 B	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U			
7440-70-2	Calcium	NS	µg/L	202000	459000	452000	378000	344000	347000	345000	521000	352000	341000	514000	473000	454000	479000	524000	676000			
7440-47-8	Chromium	50	µg/L	1.5 U	94.1	89.4	77.8	103	56.3	80.2 E	111	19.6	79	102	68.6 E	62.2	83.3	79.8	114			
7440-48-4	Cobalt	NS	µg/L	2.1 U	29.4 B	23.6 B	10.8 B	13.3 B	9.2 B	13.8 B	22.6 B	3.6 B	11.6 B	32.4 B	17.1 B	15.6 B	18.5 B	22.8 B	30.3 B			
7440-50-8	Copper	200	µg/L	7.7 U	112	103	51.1	55.9	33.2	50.1	80.8	12.1 B	40.8	96.1	62.6	60.7	72.2	85.5	122			
7439-89-6	Iron	300	µg/L	6020	79000	67700	42000	38800	27200	42100	66400	12900	40500	83100	55600	54000	59400	69500	97500			
7439-92-1	Lead	25	µg/L	2.7 U	108	85.1	45.4	39.2	26.7	40.8	66.6	13.2	30.3	71.2	47.3 N	46.1	52.8	60.6	88.9			
7439-95-4	Magnesium	35000 (G)	µg/L	66300	118000	118000	95400	109000	103000	115000	171000	74300	97000	153000	113000	125000	143000	143000	207000			
7439-96-5	Manganese	300	µg/L	59.6	1920	1810	1160	1000	949	941	1910	703	777	2060	1520	1510	1570	1940	2770			
7439-97-6	Mercury	0.7	µg/L	0.2 U	0.17 B	0.2 U	0.1 B	0.15 U	0.11 U	0.11 U	0.11 U	0.17 B	0.18 U	0.15 U	0.12 U	0.06 B	0.05 U	0 B	0.12 B			
7440-02-0	Nickel	100	µg/L	3.9 U	77.5	73.1	51.2	61.2	35 B	53.2 E	76.4	13.3 B	53.7	90	53.4	47.9	61.6	70.5	98.1			
7440-09-7	Potassium	NS	µg/L	2200 B	7800	7460	5660	4200 B	4330 B	7560	11200	35.3 BE	5870	11300	9800	9290	10200	10700	13600			
7782-49-2	Selenium	10	µg/L	1.4 U	6.2	4.05 U	4.8 U	2 B	3.6 U	3 U	3.7 U	2.1 U	1.8 U	2.8 B	1.5 U	1.8 U	3.2 U	4 B	4 B			
7440-23-5	Sodium	20000	µg/L	16500	19700	20100	15900	18700	19100	21400 E	23400	15700	15300	17700	16000 E	17300	17100	17400	19100			
7440-28-0	Thallium	.5 (G)	µg/L	27	7.6 B	6.6 B	7.4 U	5.5 U	3.8 U	5.1 U	4.9 U	3.7 U	3.6 U	5.3 B	4.8 U	3.6 U	4 U	4.8 U	4.8 U			
7440-62-2	Vanadium	NS	µg/L	4 U	71.6	60.6	39.8 B	33.7 B	23.1 B	40.3 BE	67.8	10.5 B	31.8 B	81.5	52.2	52.4	59.8	67.6	99.3			
7440-66-6	Zinc	2000 (G)	µg/L	55.7	376	321	187	184	110	195	293	40.5	113	277	235	181	235	248	385			
57-12-5	Cyanide	200	µg/L	0.55 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.1 B	10 U	10 U	NA	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but

Appendix B-2
Monitoring Well MW-3
Historically Detected Compounds

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-3 162134	MW-3 G5115	MW-3 H0917	MW-3 H7395	MW-3 J8484	MW-3 M0191	MW-3 N5015	MW-3 Q3846	MW-3 R7156	MW-3 S7325	MW-3 T6809	MW-3 V4310	MW-3 Z7443	MW-3 A7551	MW-3 B4288	MW-3 E1141	MW-3 050823-002A	MW-3 0603100-002A	MW-3 A7E98504	MW-3 A8E30601	MW-3 RSI0359-04
			Source: SDG: Matrix: Sampled:	Columbia MW1 Water 8/12/1997	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/19/1998	OBG 7810 Water 5/28/1998	OBG 9595 Water 10/22/1998	OBG 1489 Water 4/20/1999	OBG 3880 Water 11/10/1999	OBG 5490 Water 4/26/2000	OBG 7645 Water 12/14/2000	OBG 9270 Water 6/20/2001	OBG 724 Water 12/11/2001	OB 2494 Water 6/18/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/25/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/3/2005	LSL-BL 6030950 Water 3/22/2006	BM A07-E985 Water 12/26/2007	BM A08-E150 Water 11/10/2008	BM RSI0296 Water 9/10/2009
CAS NO.	COMPOUND		UNITS:																					
	VOLATILES																							
67-64-1	Acetone	50 (G)	µg/L	10 U	10 U	10 U	10 U	4 J	6 J B	10 U	10 U	10 U	5 J	10 U	10 U	4 JB	10 U	10 U	2 JB	4 BJ	3 BJ	20 U	20 U	20 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	5 J	6 J	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U	10 U	4 U	4 U	4 U
67-66-3	Chloroform	7	µg/L																			4 U	4 U	4 U
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	10 U	2 J	2 J B	10 U	10 U	10 U	10 U	2 JB	1 J	1 JB	10 U	2 JB	0.8 JB	1 BJ	U	4 U	4 U	4 U
108-88-3	Toluene	5	µg/L																		U	4 U	4 U	4 U
1330-20-7	Xylene (total)	5	µg/L																1 J	10 U	U	12 U	12 U	8 U
	Total VOCs			ND	ND	ND	ND	6	13	6	ND	ND	5	2	1	5	3	2	3.8	7	3	ND	ND	ND
	SEMIVOLATILES																							
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	1 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U		10 U	U	5 U	5 U	5.6 U
85-68-7	Butyl benzyl phthalate	50	µg/L	1 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U		10 U		5 U	5 U	5.6 U
84-74-2	Di-n-butyl phthalate	50	µg/L	2 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U		10 U	U	0.3 BJ	0.7 BJ	0.39 J
91-20-3	Naphthalene	10 (G)	µg/L																		U	5 U	4 BJ	5.6 U
	Total SVOCs			4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.3	4.7	0.39
	PESTICIDES																							
319-84-6	alpha-BHC	0.01	µg/L	0.053 U	0.05 U	0.05 U	0.0024 J	0.051 U	0.00093 BJP	0.051 U	0.05 U	0.05 U	0.052 U	0.051 U	0.052 U	0.051 U	0.052 U	0.051 U						
72-55-9	4,4'-DDE	0.2	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0055 BJP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
60-57-1	Dieldrin	0.004	µg/L	0.11 U	0.1 U	0.002 JP	0.1 U	0.1 U	0.0024 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
959-98-8	Endosulfan I	NS	µg/L	0.053 U	0.05 U	0.05 U	0.051 U	0.051 U	0.0013 JP	0.051 U	0.05 U	0.05 U	0.052 U	0.051 U	0.052 U	0.051 U	0.0045 JP	0.051 U						
33213-65-9	Endosulfan II	NS	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.00082 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U						
1031-07-8	Endosulfan sulfate	NS	µg/L	0.11 U	0.1 U	0.0029 JP	0.0048 JP	0.011 BJP	0.0015 JP	0.0018 JP	0.1 U	0.0035 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.0062 JP	0.1 U	0.0021 JP					
72-20-8	Endrin	ND	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.017 BJP	0.1 U	0.1 U	0.1 U	0.026 JP	0.1 U						
7421-93-4	Endrin aldehyde	5	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.012 BJP	0.1 U	0.1 U	0.1 U	0.1 U						
53494-70-5	Endrin ketone	5	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0024 JP	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 (Lindane)	0.05	µg/L	0.053 U	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	0.012 JP	0.002 JP	0.05 U	0.052 U	0.051 U	0.052 U	0.051 U	0.052 U	0.051 U						
5103-74-2	gamma-Chlordane	0.05	µg/L	0.053 U	0.05 U	0.05 U	0.00073 JP	0.001 JP	0.014 BJP	0.051 U	0.0027 JP	0.05 U	0.052 U	0.051 U	0.052 U	0.051 U	0.0054 JP	0.051 U	0.0027 BJP					
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.053 U	0.05 U	0.05 U	0.00067 JP	0.051 U	0.0052 JP	0.051 U	0.05 U	0.05 U	0.052 U	0.051 U	0.052 U	0.051 U	0.014 JP	0.051 U						
	Total Pesticides			ND	ND	0.0049	0.0086	0.012	0.02533	0.0138	0.0047	0.00672	0.0225	0.012	ND	ND	0.0561	ND	0.0048	NA	NA	NA	NA	NA
	PCBs																							
	None Detected																							
	INORGANICS																							
7429-90-5	Aluminum	NS	µg/L	197 B	3510	2060	1510	789	665	512	712	816 E	458	1390	604	763	558	265	800					
7440-36-0	Antimony	3	µg/L	2.2 UE	2.6 U	2.6 U	2.9 U	1.3 U	2.1 B	2.5 U	1.9 U	1.5 U	1.4 U	2.1 U	2.3 U	2.1 U	1.7 U	1.4 U	2.3 U					
7440-38-2	Arsenic	25	µg/L	24.2	7.9 B	4.2 U	9 B	6.2 B	2.6 B	2.6 B	3.9 B	3.9 B	2.1 B	4.5 B	2.7 B	4.2 B	3.1 B	2.4 U	2.1 U					
7440-39-3	Barium	1000	µg/L	188 B	254	245	187 B	157 B	153 B	164 B	152 B	150 B	151 B	142 B	155 B	237	229	234	213					
7440-41-7	Beryllium	3 (G)	µg/L	1.8 B	0.29 B	0.24 B	0.12 U	0.15 B	0.24 B	0.37 B	0.39 B	0.08 U	0.21 B	0.13 B	0.15 B	0.1 B	0.12 U	0.08 U						
7440-43-9	Cadmium	5	µg/L	5.9	0.32 B	0.3 U	0.49 U	0.43 U	0.42 U	0.3 U	0.28 UU	0.25 U	0.24 U	0.37 U	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U					
7440-70-2	Calcium	NS	µg/L	257000	235000	216000	188000	172000	149000	151000	141000	139000	127000	116000	101000	105000	111000	111000	112000					
7440-47-8	Chromium	50	µg/L	2.6 B	30.5	19.5	10.8	12.7	9.4 B	14.2 E	15	10.5	11.2	26.8	6.4 B E	14.2	14	6 B	10.5					
7440-48-4	Cobalt	NS	µg/L	2.4 B	3.1 B	1.2 U	2.3 U	2.3 U	1.6 U	1.7 U	0.96 U	0.86 U	0.93 U	2.2 B	1.2 U	1.6 U	1.4 U	2 U	1.9 U					
7440-50-8	Copper	200	µg/L	7.7 U	12.5 B	8.3 B	5.9 B	5 B	2.1 B	2 B	2.3 B	2.2 B	0.92 B	3.9 B	1.3 U	2.7 B	6 B	2.1 U	0.94 U					
7439-89-6	Iron	300	µg/L	30300	32900	25400	21300	20800	15900	16100	16100	14600	15000	16700	13600	15700	15300	13300	13400					
7439-92-1	Lead	25	µg/L	2.7 U	6.7	2.5 B	1.8 U	2.1 B	1.1 U	1.3 U	1.3 B	2.9 B	0.66 U	3.2	1.8 U N	0.78 U	1.3 U	1.7 U	1.5 B					
7439-95-4	Magnesium	35000 (G)	µg/L	70600	57600	54400	45500	43500	34700	38400	35600	34500	32900	31200	27800	30400	30200	30100	29900					
7439-96-5	Manganese	300	µg/L	831	1000	934	835	734	654	631	562	581	512	520	444	485	495	479	454					
7440-02-0	Nickel	100	µg/L	3.9 U	18.4 B	11.2 B	8.7 B	5.8 B	6.4 B	9.3 BE	9.6 B	5.8 B	6 B	14.2 B	1.4 U	5.9 B	5.6 B	3.4 B	5.4 B					
7440-09-7	Potassium	NS	µg/L	13600	17400	17500	15800	13100	9730	10200	9780	9790 E	10500	7790	7350	7980	9720	10300	11600					
7782-49-2	Selenium	10	µg/L	1.4 UW	4.1 B	4 U	4.8 U	2 U	3.6 U	3 U	3.7 U	2.1 U	1.8 U	2.2 U	2 B	1.8 U	3.2 U	2.9 B	2.2 U					
7440-22-4	Silver	50	µg/L	1.7 B	0.67 B	0.6 U	1.1 U	1.2 U	1 U	0.78 U	0.75 U	0.73 U	0.73 U	1 U	1.8 U	1.2 U	1.1 U	1.6 U	1.6 U					
7440-23-5	Sodium	20000	µg/L	129000	118000	117000	104000	104000	83100	89200 E	81700	69500	66500	62800	58900 E	57000	54600	57000	58200					
7440-28-0	Thallium	.5 (G)	µg/L	9.2 U	4.5 B	7.3 B	7.4 U	5.5 U	3.8 U	5.1 U	4.9 U	3.7 U	3.6 U	5.1 U	4.8 U	3.6 U	4 U	4.8 U	4.8 U					
7440-62-2	Vanadium	NS	µg/L	4 U	9.6 B	6 B	6 B	4.2 B	4.2 B	3.7 BE	4.4 B	4.4 B	4.4 B	6.2 B	3.8 B	6.3 B	4.4 B	3.1 B	4.1 B					
7440-66-6	Zinc	2000 (G)	µg/L	59.1	59.9	37.7	27.4	34.6	9.1 B	26.3	13.3 B	18.7 B	7 B	28.1	46	16.8 B	28.5	3.9 B	14.5 B					
57-12-5	Cyanide	200	µg/L	0.55 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	12.5	10 U	10 U	4.9 B	10 U	10 U	NA	NA	NA	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
B (organics) = The analyte was found in the associated blank, as well as in the sample
J or B (inorganics) = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
J (organics) = Indicates an estimated value

Appendix B-2
Monitoring Well MW-4
Historically Detected Compounds

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-4 162135	MW-4 G5191	MW-4 H1021	MW-4 H7396	MW-4DUP H7399	MW-4 J8485	MW-4 M0194	MW-4 N5016	MW-4RE N5016RE	MW-4 Q3852	MW-4DUP Q3853	MW-4 R7320	MW-4 S7324	MW-4RE S7324RE	MW-4 T7107	MW-4 V4311	MW-4 Z7814	MW-4 A7432	MW-4 B4292	MW-4 Dup B4291	MW-4 E1136	MW-4 0508042-001A	MW-4 0603100-003A	MW-4 A7E98505	MW-4 A8E30602	MW-4 RS10359-02	
			Source: SDG: Matrix: Sampled:	Columbia MW1 Water 8/12/1997	OBG 5116 Water 11/20/1997	OBG 6857 Water 2/20/1998	OBG 7810 Water 5/28/1998	OBG 7810 Water 5/28/1998	OBG 9595 Water 10/22/1998	OBG 1489 Water 4/20/1999	OBG 3880 Water 11/10/1999	OBG 3880 Water 11/10/1999	OBG 5490 Water 4/27/2000	OBG 5490 Water 4/27/2000	OBG 7645 Water 12/15/2000	OBG 9270 Water 6/20/2001	OBG 9270 Water 6/20/2001	OBG 764 Water 12/13/2001	OB 2494 Water 6/18/2002	OB 4203 Water 12/18/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/16/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/5/2005	LSL-BL 6030950 Water 3/22/2006	BM A07-E985 Water 12/26/2007	BM A08-E150 Water 11/10/2008	BM RS10296 Water 9/10/2009	
CAS NO.	COMPOUND	UNITS:																												
	VOLATILES																													
67-64-1	Acetone	50 (G)	µg/L	10 U	2 J	3 J	2 J	10 U	4 J	9 J	10 U		10 U	10 U	10 U	5 J		10 U	10 U	4 JB	10 U	10 U	10 U	5 JB	6 BJ	3 BJ	6	5 U	5 U	
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	11	45		1 J	10 U	10 U	10 U		10 U	10 U	10 U	6 J	10 U	10 U	10 U	1 J	1 U	1 U	1 U	1 U	
67-66-3	Chloroform	7	µg/L																											
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U		10 U	10 U	10 U	10 U		0.6 JB	1 J	1 JB	10 U	1 JB	10 U	1 JB	1 BJ	1 BJ	1 U	1 U	1 U	
108-88-3	Toluene	5	µg/L																											
1350-20-7	Xylene (total)	5	µg/L																											
	Total VOCs			ND	2	3	2	ND	6	20	45	NA	1	ND	ND	5	NA	0.6	1	5	6	1	ND	6	8	4	6	ND	ND	
	SEMIVOLATILES																													
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 JB	1 J	10 U	10 U	10 U	10 U	10 U	2 J	2 J	10 U	10 U	1 J	13 U	13 U	1 JB	10 U	1 J	10 U	10 U	1 J		10 U	U	5 U	5 U	5.2 U	
84-74-2	Di-n-butyl phthalate	50	µg/L	1 JB		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	13 U	10 U	10 U	11 U	10 U	10 U	10 U		10 U	U	5 U	0.6 BJ	0.79 J	
106-44-5	4-Methylphenol	1	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J		1 J	10 U	10 U	11 U	10 U	10 U	10 U		10 U	U	5 U	5 U	10 U	
100-02-7	4-Nitrophenol	1	µg/L																					2 J	26 U		10 U	5 U	10 U	
91-20-3	Naphthalene	10 (G)	µg/L																									11 B	5.2 U	
	Total SVOCs			3	1	ND	ND	ND	ND	ND	2	2	ND	ND	1	2	1	1	ND	1	ND	ND	1	2	ND	ND	ND	11.6	0.79	
	PESTICIDES																													
309-00-2	Aldrin	ND	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.051 U	0.0007 JP	0.0018 JP	0.052 U		0.05 U	0.024 JP	0.051 U	0.05 U	0.053 U	0.051 U							
319-84-6	alpha-BHC	0.01	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U		0.051 U	0.052 U	0.051 U	0.052 U		0.05 U	0.051 U	0.0057 JP	0.053 U	0.051 U								
5103-71-9	alpha-Chlordane	0.05	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.05 U	0.00093 JP	0.05 U		0.051 U	0.052 U	0.051 U	0.052 U		0.05 U	0.051 U	0.051 U	0.053 U	0.051 U								
72-55-9	4,4'-DDE	0.3	µg/L	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.0007 JP	0.0012 JP		0.1 U	0.1 U	0.0026 JP	0.005 BJP		0.1 U	0.1 U	0.1 U	0.11 U	0.1 U								
50-29-3	4,4'-DDT	0.2	µg/L	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.0017 JP	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.11 U	0.1 U								
319-86-8	delta-BHC	0.04	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.051 U	0.052 U	0.00074 BJP	0.052 U		0.05 U	0.051 U	0.05 U	0.053 U	0.051 U								
60-57-1	Dieldrin	0.004	µg/L	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.002 JP	0.1 U	0.0015 JP	0.1 U		0.0074 BJP	0.1 U	0.1 U	0.11 U	0.1 U								
959-98-8	Endosulfan I	NS	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.05 U	0.0043 JP	0.0014 BJP		0.051 U	0.052 U	0.051 U	0.052 U		0.05 U	0.051 U	0.05 U	0.053 U	0.051 U								
33213-65-9	Endosulfan II	NS	µg/L	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.0008 JP	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.0011 JP	0.1 U	0.1 U	0.11 U	0.1 U								
1031-07-8	Endosulfan sulfate	NS	µg/L	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.0017 BJP	0.0042 JP		0.1 U	0.1 U	0.0011 JP	0.1 U		0.1 U	0.1 U	0.1 U	0.11 U	0.1 U		0.1 U						
72-20-8	Endrin	ND	µg/L	0.11 U		0.1 U	0.00073 JP	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.00085 JP	0.038 BJP		0.1 U	0.1 U	0.1 U	0.11 U	0.1 U								
7421-93-4	Endrin aldehyde	5	µg/L	0.11 U		0.1 U	0.1 U	0.1 U	0.0028 JP	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.015 BJP	0.1 U	0.1 U	0.11 U	0.1 U								
53494-70-5	Endrin ketone	5	µg/L	0.11 U		0.1 U	0.1 U	0.1 U	0.0014 JP	0.1 U	0.1 U		0.1 U	0.1 U	0.003 JP	0.1 U		0.1 U	0.1 U	0.0033 JP	0.11 U	0.1 U		0.1 U						
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.004 JP		0.0039 JP	0.0039 JP	0.051 U	0.052 U		0.05 U	0.051 U	0.05 U	0.0076 JP	0.0062 JP								
5103-74-2	gamma-Chlordane	0.05	µg/L	0.053 U		0.051 U	0.002 JP	0.001 JP	0.0017 JP	0.0056 BJP	0.05 U		0.051 U	0.051 U	0.051 U	0.052 U		0.0043 JP	0.051 U	0.051 U	0.01 J	0.053 U		0.0034 BJ						
76-44-8	Heptachlor	0.04	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.051 U	0.052 U	0.051 U	0.05 U		0.0049 J	0.051 U	0.051 U	0.05 U	0.053 U								
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.053 U		0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.00034 JP		0.051 U	0.052 U	0.051 U	0.052 U		0.0032 JP	0.0023 JP	0.051 U	0.05 U	0.053 U								
72-43-5	Methoxychlor	35	µg/L	0.53 U		0.51 U	0.5 U	0.5 U	0.5 U	0.0033 JP	0.5 U		0.51 U	0.52 U	0.51 U	0.52 U		0.5 U	0.51 U	0.5 U	0.53 U	0.51 U								
	Total Pesticides			ND	NA	ND	0.00273	0.0027	0.0084	0.03507	0.0058	NA	0.0059	0.00293	0.01289	0.043	NA	0.0359	0.0263	ND	0.019	0.0076	0.0062	0.0034	NA	NA	NA	NA	NA	
	PCBs																													
	Aroclor 1248																												0.51	
	INORGANICS																													
7429-90-5	Aluminum	NS	µg/L	89.7 B	1460	1300	553	453	515	451	787		670	683	1090 E	1090		2980	1140	324	803	4790	6820	6050						
7440-36-0	Antimony	3	µg/L	2.2 UE	2.6 U	2.6 U	2.9 U	2.9 U	1.3 U	1.6 U	2.5 U		1.9 U	1.9 U	1.5 U	1.4 U		2.1 U	2.3 U	2.1 U	1.7 U	1.4 U	1.4 U	2.4 B						
7440-38-2	Arsenic	25	µg/L	17.9	4.2 U	4.2 U	9.6 B	10.3	6.6 B	8.3 B	2.5 B		4.5 B	4.2 B	2 U	8 B		26.6	18	13.8	14.8	6.6 B	7 B	23.7						
7440-39-3	Barium	1000	µg/L	308	47.6 B	53.3 B	214	210	176 B	175 B	61.3 B		58.2 B	58.6 B	51.9 B	79.6 B		118 B	137 B	163 B	96.4 B	80.2 B	83.1 B	200 B						
7440-41-7	Beryllium	3 (G)	µg/L	1.1 B	0.11 B	0.09 B	0.12 U	0.12 U	0.07 U	0.13 U	0.05 B		0.14 U	0.14 U	0.31 B	0.08 U		0.26 B	0.13 U	0.01 U	0 B	0.2 B	0.3 B	0.33 B						
7440-43-9	Cadmium	5	µg/L	5.1	3.3 B	0.39 B	0.49 U	0.49 U	0.43 U	0.88 B	0.35 B		0.59 B	0.69 B	0.73 B	1.8 B		2.3 B	0.58 B	0.43 B	0.35 U	2.6 B	3.2 B	8.1						
7440-70-2	Calcium	NS	µg/L	140000	59000	63600	141000	140000	132000	137000	70000		104000	104000	83700	101000		114000	104000	119000	112000	89000	90600	119000						
7440-47-8	Chromium	50	µg/L	1.5 U	7.6 B	5.2 B	2 B	5.5 B	7.1 B	8.9 B	7.2 BE		9.4 B	9.8 B	6.8 B	10.5		17.7	7.3 B E	6 B	5.1 B	12.3	16.4	26.9						
7440-48-4	Cobalt	NS	µg/L	2.1 U	1.6 B	1.2 U	2.3 U	2.3 U	1.7 B	1.6 U	1.7 U		1.7 B	1.5 B	0.86 U	2.6 B		4 B	1.2 U	1.6 U	1.4 U	2 U	2.3 B	9.1 B						
7440-50-8	Copper	200	µg/L	7.7 U	7.2 B	3.7 B	1.7 B	1.9 B	2.6 B	1.8 B	3.2 B		3 B	3 B	4.4 B	2.9 B		5.6 B	1.6 B	0.89 U	2.3 B	6.3 B	9.3 B	7.8 B						
7439-89-6	Iron	300	µg/L	19300	3710	1860	19400	19100	20100	19400	2000		1250	1300	1960	7080		17600	14500	12400	5820	6900	10300	17900						
7439-82-1	Lead	25	µg/L	2.7 U	5.9	1.1 U	1.8 U	1.8 U	2.5 B	1.1 U	1.4 B		1.1 U	1.2 B	3	3 B		8.7	2.4 B N	0.78 U	1.3 B	6.4	9.							

Appendix B-2
Monitoring Well MW-5
Historically Detected Compounds

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-5 162136	MW-5 G5119	MW-5 H1022	MW-5 H7532	MW-5RE H7532RE	MW-5 J8487	MW-5 M0195	MW-5RE M0195RE	MW-5 N5017	MW-5RE N5017RE	MW-5 Q4026	MW-5 R7321	MW-5 S7323	MW-5RE S7323RE	MW-5 T7108	MW-5RE T7108RE	MW-5 V4312	MW-5 RE V4312RE	MW-5 Z7815	MW-5 A7431	MW-5 B4468	MW-5 E1138	MW-5 0508042-002A	MW-5 0603100-004A	MW-5 A8E30603	MW-5 RS0359-02
			Source: SDG: Matrix: Sampled:	Columbia MW1 Water 8/12/1997	OBG 5116 Water 11/20/1997	OBG 7830 Water 2/20/1998	OBG 7830 Water 5/29/1998	OBG 5955 Water 10/22/1998	OBG 6857 Water 4/20/1999	OBG 1489 Water 4/20/1999	OBG 1489 Water 4/20/1999	OBG 3880 Water 11/10/1999	OBG 3880 Water 11/10/1999	OBG 5512 Water 4/28/2000	OBG 7645 Water 12/15/2000	OBG 9270 Water 6/20/2001	OBG 9270 Water 6/20/2001	OBG 764 Water 12/13/2001	OBG 764 Water 12/13/2001	OB 2494 Water 6/18/2002	OB 2494 Water 6/18/2002	OB 4203 Water 12/18/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/18/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/5/2005	LSL-BL 6030950 Water 3/22/2006	BM A08-E150 Water 11/10/2008	BM RS10296 Water 9/10/2009
CAS NO.	COMPOUND		UNITS:																										
VOLATILES																													
67-64-1	Acetone	50 (G)	µg/L	10 U	10 U	5 J	10		19	7 J		10 U	7 J	6 J		10 U		10 U		4 JB	3 J	10 U		3 JB	4 BJ	3 BJ		25 U	
71-43-2	Benzene	1	µg/L	10 U	25	92	97	110	110			10 U		47	84	57	63		86		52	36	10 J	22	47	33	60	76	
78-93-3	2-Butanone	50	µg/L	10 U	10 U	2 J	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U		10 U		1 J	10 U	10 U				1 U	25 U	
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	6 J		10 U		3 J	10 U	10 U	10 U		10 U		10 U	2 J	10 U	10 U	10 U	10 U	1 U	5 U	
108-90-7	Chlorobenzene	5	µg/L																									1 U	5 U
75-00-3	Chloroethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		10 U	10 U	2 J	10 U		10 U		10 U	10 U	10 U				1 U	5 U	
67-66-3	Chloroform	7	µg/L																							3 J		1 U	5 U
74-87-3	Chloromethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		10 U	10 U	2 J	10 U		10 U		10 U	10 U	10 U				1 U	5 U	
156-59-2	cis-1,2-Dichloroethene	5	µg/L																									1 U	5 U
75-34-3	1,1-Dichloroethane	5	µg/L																									1 U	5 U
100-41-4	Ethylbenzene	5	µg/L	10 U	10 U	5 J	8 J	10 J	10 J		7 J			3 J	8 J	6 J		4 J		7 J		4 JB	2 J	10 U	0.6 J	3 J	1 J	3 J	4.4 J
108-10-1	4-Methyl-2-pentanone	NS	µg/L																									1 U	25 U
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	10 U	1 J	10 U	2 J		10 U		10 U	10 U	10 U		0.7 JB		10 U		0.5 JB	10 U	10 U	0.7 JB	2 BJ	1 BJ	1 U	5 U
100-42-5	Styrene	5	µg/L	10 U	10 U	2 J	1 J	1 J	2 J			10 U		10 U	1 J	10 U		0.8 J		10 U		1 J	0.5 J	10 U			1 U	5 U	
127-18-4	Tetrachloroethene	5	µg/L																									1 U	5 U
108-88-3	Toluene	5	µg/L	10 U	4 J	28	35	28	15			10 U		3 J	8 J	6 J		4 J		7 J		5 J	4 J	10 U	0.9 J	7 J	2 J	5	5.6
79-01-6	Trichloroethene	5	µg/L																									U	5 U
1330-20-7	Xylene (total)	5	µg/L	10 U	2 J	29	42	40	40			25		9 J	27	18		19		31		17	7 J	10 U	2 J	9 J	4 J	10 J	16
Total VOCs				3	31	161	193	NA	208	190	NA	32	NA	65	135	97	NA	90.8	NA	131	NA	84.5	49.5	10	29.2	75	42	78	102
SEMI-VOLATILES																													
56-55-3	Benzo(a)anthracene	20 (G)	µg/L																									U	5 U
50-32-8	Benzo(a)pyrene	U	µg/L																									U	5 U
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L																									U	5 U
191-24-2	Benzo(g,h,i)perylene	NS	µg/L																									U	5 U
207-08-9	Benzo(k)fluoranthene	0.002 (G)	µg/L																									U	5 U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 JB	1 JB	10 U	10 U	10 U	10 U	10 U		1 J	U	5 U	5 U
86-74-8	Carbazole	NS	µg/L																									U	5 U
218-01-9	Chrysene	0.002 (G)	µg/L																									U	5 U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	5 U	5 U
84-74-2	Di-n-butyl phthalate	50	µg/L	4 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	5 U	0.72 J
106-46-7	1,4-Dichlorobenzene	3	µg/L																									10 U	10 U
105-67-9	2,4-Dimethylphenol	1	µg/L	12 U	7 J	25	30	31	23	18	17	3 J	3 J	8 J	20	9 J	8 J	9 J	8 J	16	16	13	7 J	10 U	2 J	5 J	2 J	4 J	6
206-44-0	Fluoranthene	50 (G)	µg/L																									U	5 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L																									U	5 U
91-57-6	2-Methylnaphthalene	NS	µg/L																									U	5 U
95-48-7	2-Methylphenol	1	µg/L	12 U	2 J	6 J	6 J	5 J	4 J	3 J	4 J	10 U	10 U	2 J	2 J	10 U	10 U	10 U	2 J	2 J	2 J	1 J	10 U			1 J	U	0.7 J	1.4 J
106-44-5	4-Methylphenol	1	µg/L	12 U	4 J	9 J	10	10 U	1 J	6 J	7 J	10 U	10 U	2 J	4 J	3 J	3 J	10 U	4 J	4 J	4 J	2 J	10 U			1 J	U	1 J	1.6 J
91-20-3	Naphthalene	10 (G)	µg/L	1 J	4 J	8 J	4 J	4 J	9 J	10 J	10 J	3 J	10 U	10 J	8 J	1 J	2 J	1 J	1 J	10 U	10 U	13	5 J	10 U		10 U	1 J	11 B	23
108-95-2	Phenol	1	µg/L	3 JB	3 J	6 J	2 J	2 J	1 J	4 J	4 J	10 U	10 U	3 J	2 J	2 J	2 J	3 J	10 U	10 U	10 J	4 J	10 U		1 J	10 U	2 J	0.8 J	5 U
129-00-0	Pyrene	50 (G)	µg/L																									U	5 U
Total SVOCs				11	20	54	42	42	38	41	42	6	6	15	36	15	15	15	10	32	32	36	15	ND	3	8	4	12.7	32.72
PESTICIDES																													
309-00-2	Aldrin	ND	µg/L	0.053 U	0.051 U	0.05 U	0.051 U		0.051 U	0.0016 JP		0.051 U		0.0016 JP	0.0031 JP	0.052 U	0.052 U		0.044 JP		0.051 U	0.05 U	0.05 U						
319-84-6	alpha-BHC	0.01	µg/L	0.053 U	0.051 U	0.05 U	0.051 U		0.051 U	0.0069 BJP		0.051 U		0.051 U	0.051 U	0.052 U	0.052 U		0.053 U		0.051 U	0.05 U	0.05 U						
5103-71-9	alpha-Chlordane	0.05	µg/L	0.053 U	0.051 U	0.05 U	0.051 U		0.051 U	0.051 U		0.051 U		0.051 U	0.051 U	0.052 U	0.052 U		0.0011 JP		0.051 U	0.05 U	0.05 U						
319-85-7	beta-BHC	0.04	µg/L	0.053 U	0.051 U	0.05 U	0.051 U		0.051 U	0.051 U		0.051 U		0.051 U	0.051 U	0.052 U	0.052 U		0.0079 JP		0.051 U	0.05 U	0.05 U						
72-54-8	4,4'-DDD	0.3	µg/L	0.11 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U		0.0033 JP	0.1 U	0.1 U	0.1 U		0.11 U		0.1 U	0.1 U	0.1 U						
72-55-9	4,4'-DDE	0.2	µg/L	0.11 U	0.1 U	0.1 U	0.1 U		0.0011 JP	0.0014 JP		0.1 U		0.0011 JP	0.1 U	0.1 U	0.1 U		0.11 U		0.1 U	0.1 U	0.1 U						
50-29-3	4,4'-DDT	0.2	µg/L	0.11 U	0.1 U	0.1 U	0.1 U		0.0015 JP	0.0015 JP		0.0015 JP		0.1 U	0.1 U	0.1 U	0.1 U		0.0037 JP		0.1 U	0.1 U	0.1 U						
319-86-8	delta-BHC	0.04	µg/L	0.053 U	0.051 U	0.05 U	0.051 U		0.0015 J	0.051 U		0.0015 J		0.051 U	0.051 U	0.052 U	0.052 U		0.053 U		0.051 U	0.05 U	0.05 U						
60-27-1	Dieldrin	0.004	µg/L	0.11 U	0.1 U	0.1 U	0.083 JP		0.004 JP	0.003 JP		0.004 JP		0.003 JP	0.0031 JP	0.011 JP	0.1 U		0.11 U		0.1 U	0.1 U	0.1 U						
959-98-8	Endosulfan I	NS	µg/L	0.053 U	0.051 U	0.05 U	0.051 U		0.051 U	0.0025 JP		0.051 U		0.0025 JP	0.051 U	0.052 U	0.052 U		0.052 U		0.051 U	0.0066 JP	0.05 U						
33213-65-9	Endosulfan II	NS	µg/L	0.11 U	0.1 U	0.0026 J	0.0011 BJP		0.1 U	0.0021 JP		0.1 U		0.0021 JP	0.1 U	0.1 U	0.1 U		0.00076 JP		0.11 U	0.1 U	0.1 U						
1031-07-8	Endosulfan sulfate	NS	µg/L	0.11 U	0.1 U	0.1 U	0.0067 JP		0.0037 BJP	0.004 JP		0.0044 JP		0.1 U	0.0021 JP	0.1 U	0.1 U		0.11 U		0.1 U	0.1 U	0.1 U						
72-20-8	Endrin	ND	µg/L	0.11 U	0.1 U	0.1 U	0.0078 JP		0.																				

Appendix B-2
Monitoring Well MW-6
Historically Detected Compounds

Cherry Farm Monitoring Wells Historically Detected Compound:		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-6 162137 Columbia MW1 Water 8/12/1997	MW-6 G5189 OBG 5116 Water 11/20/1997	MW-6 H1023 OBG 6857 Water 2/20/1998	MW-6 H7533 OBG 7830 Water 5/29/1998	MW-6 J8491 OBG 9596 Water 10/23/1998	MW-6 M0298 OBG 1516 Water 4/21/1999	MW-6RE M0298RE OBG 1516 Water 4/21/1999	MW-6 N4878 OBG 3856 Water 11/9/1999	MW-6 Q4027 OBG 5512 Water 4/28/2000	MW-6 R7179 OBG 7645 Water 12/14/2000	MW-6 S7280 OBG 9259 Water 6/19/2001	MW-6 T6911 OBG 739 Water 12/12/2001	MW-6DUP T6912 OBG 739 Water 12/12/2001	MW-6 V4636 OB 2494 Water 6/19/2002	MW-6 Z7812 OB 4203 Water 12/18/2002	MW-6 A7433 OB 5716 Water 6/24/2003	MW-6 B4508 OB 6968 Water 12/18/2003	MW-6 E1190 OB 6968 Water 6/9/2004	MW-6 0508015-003A OB 200508 Water 8/1/2005	MW-6 0603108-002A LSL-BL 6030950 Water 3/23/2006	MW-6 A7E98507 BM A07-E985 Water 12/26/2007	MW-6 A7E98507FD BM A07-E985 Water 12/26/2007	MW-6 A8E30604 BM A08-E150 Water 11/10/2008	
CAS NO.	COMPOUND		UNITS:																								
VOLATILES																											
67-64-1	Acetone	50 (G)	ug/L	10 U	10 U	10 U	10 U	7 J B	10 U		10 U	10 U	3 J	5 J	10 U	10 U	10 U	4 JB	10 U	10 U	2 JB	3 BJ	2 BJ	5 U	5 U	5 U	
75-15-0	Carbon disulfide	60 (G)	ug/L	10 U	10 U	10 U	10 U	10 U	4 J		6 J	7 J	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U	10 U	1 U	1 U	1 U		
75-09-2	Methylene chlorid	5	ug/L	10 U	10 U	10 U	10 U	10 U	1 J B		10 U	10 U	10 U	10 U	1 JB	1 JB	10 U	1 JB	10 U	10 U	0.6 JB	0.7 BJ	0.8 BJ	1 U	1 U	1 U	
108-88-3	Toluene	5	ug/L																				U	1 U	1 U		
1330-20-7	Xylene (total)	5	ug/L																				U	3 U	3 U		
Total VOCs					ND	ND	ND	7	5	NA	6	7	3	5	1	1	ND	5	1	ND	2.6	3.7	2.8	ND	ND	ND	
SEMIVOLATILES																											
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	3 J	1 JB	4 JB	10 U	10 U	10 U	10 U	4 J	10 U	U	17	5 U	5 U	
84-74-2	Di-n-butyl phthalate	50	ug/L	1 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	0.4 BJ	0.3 BJ	0.3 J		
91-20-3	Naphthalene	10 (G)	ug/L																			U	5 U	5 U	5 U		
Total SVOCs					1	ND	ND	ND	ND	ND	ND	1	ND	3	1	4	ND	ND	ND	ND	4	ND	ND	17.4	0.3	0.3	
PESTICIDES																											
309-00-2	Aldrin	ND	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.012 J	0.0017 JP	0.052 U	0.051 U	0.051 U	0.012 JP	0.051 U	0.05 U	0.051 U	0.0071 JP						
319-84-6	alpha-BHC	0.01	ug/L	0.053 U	0.05 U	0.05 U	0.00061 BJP	0.05 U	0.05 U		0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	0.051 U	0.051 U	0.05 U	0.051 U							
319-85-7	beta-BHC	0.04	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.0043 J	0.051 U	0.051 U	0.05 U	0.051 U							
72-55-9	4,4'-DDE	0.2	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.00066 JP	0.1 U		0.1 U	0.1 U	0.1 U	0.0027 BJ	0.1 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		0.1 U	0.1 U	0.1 U	0.0033 JP	0.1 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	0.0021 J	0.1 U		0.1 U	0.0032 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U							
959-98-8	Endosulfan I	NS	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0014 JP		0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	0.051 U	0.051 U	0.05 U	0.051 U							
1031-07-8	Endosulfan sulfate	NS	ug/L	0.11 U	0.1 U	0.1 U	0.1 U	0.0023 JP	0.1 U		0.1 U	0.1 U	0.1 U	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	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.00069 JP	0.1 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		0.1 U	0.1 U	0.1 U	0.1 U	0.01 BJP	0.011 BJP	0.1 U	0.1 U	0.0056 BJ	0.1 U							
58-89-9	gamma-BHC (Lindane)	0.05	ug/L	0.053 U	0.05 U	0.0032 JP	0.05 U	0.05 U	0.05 U		0.05 U	0.051 U	0.05 U	0.052 U	0.051 U	0.051 U	0.051 U	0.051 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	0.0027 BJP	0.0021 JP	0.0083 JP		0.05 U	0.0035 JP	0.05 U	0.052 U	0.051 U	0.0029 JP	0.051 U	0.051 U	0.05 U	0.051 U	0.0036 BJP						
76-44-8	Heptachlor	0.04	ug/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.0017 JP	0.05 U	0.052 U	0.051 U	0.051 U	0.051 U	0.051 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	0.00052 BJP	0.05 U	0.0027 JP		0.05 U	0.00066 BJP	0.00057 JP	0.052 U	0.051 U	0.051 U	0.051 U	0.051 U	0.05 U	0.051 U							
Total Pesticides					ND	ND	0.0032	0.00383	0.00716	0.0124	NA	ND	0.02106	0.00296	0.006	0.01	0.0183	0.012	0.0056	ND	0.0107	NA	NA	NA	NA	NA	
PCBs																											
None Detected																											
INORGANICS																											
7429-90-5	Aluminum	NS	ug/L	35.2 B	51.5 B	84.4 B	35.5 B	56.3 B	53.4 B		253	56.8 B	95.5 BE	263	160 B	153 B	357	74.6 B	30.6 B	74 B	111 B						
7440-36-0	Antimony	3	ug/L	2.2 UE	2.7 B	2.6 U	2.9 U	1.9 B	1.6 U		2.5 U	1.9 U	1.5 U	1.4 U	2.1 U	2.1 U	2.3 U	2.1 U	1.7 U	1.4 U	2.3 U						
7440-38-2	Arsenic	25	ug/L	8 B	4.2 U	4.2 U	4.2 U	3.1 U	1.9 U		2.5 U	2.2 U	2 U	1.6 U	2.1 U	2.1 U	2.2 U	1.9 B	1.5 U	2.4 U	2.1 U						
7440-39-3	Barium	1000	ug/L	109 B	157 B	134 B	126 B	131 B	137 B		158 B	165 B	158 B	154 B	149 B	147 B	111 B	84 B	107 B	110 B	105 B						
7440-41-7	Beryllium	3 (G)	ug/L	0.95 B	0.06 U	0.07 B	0.12 U	0.07 U	0.13 U		0.07 B	0.14 U	0.29 B	0.08 U	0.11 B	0.13 B	0.17 B	0.01 U	0.05 U	0.12 U	0.08 U						
7440-43-9	Cadmium	5	ug/L	3 B	0.24 U	0.3 U	0.49 U	0.53 B	0.42 U		0.3 U	0.28 U	0.25 U	0.24 U	0.37 U	0.37 U	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U						
7440-70-2	Calcium	NS	ug/L	123000	168000	165000	166000	161000	159000		167000	252000	247000	254000	235000	233000	235000	171000	148000	158000	154000						
7440-47-8	Chromium	50	ug/L	1.5 U	2.9 B	2.8 B	1.6 U	4.9 B	3 B		3.9 BE	7.6 B	6.8 B	6.1 B	6.8 B	6.7 B	4.1 B E	3.4 B	2.1 B	2.6 B	2.5 B						
7440-50-8	Copper	200	ug/L	7.7 U	0.97 B	1.1 B	0.84 U	1.3 B	0.49 U		0.83 B	0.53 U	0.52 U	1.8 B	0.46 U	0.46 U	2.3 B	0.89 U	0.76 U	2.1 U	0.94 U						
7439-89-6	Iron	300	ug/L	14600	20700	22400	21600	18100	17500		19600	33100	46900	66600	54000	52500	46700	36100	27000	26600	24500						
7439-92-1	Lead	25	ug/L	2.7 U	1 U	1.1 U	1.8 U	2.1 U	1.1 U		1.3 U	1.1 U	2.9 B	0.66 U	1.6 B	1.5 U	1.8 U N	0.78 U	1.3 U	1.7 U	0.69 B						
7439-95-4	Magnesium	35000 (G)	ug/L	24900	25600	25700	24400	19500	16400		17800	36000	49200	61500	49500	48700	53600	44400	35600	36900	34500						
7439-96-5	Manganese	300	ug/L	1010	1420	1590	1610	1150	1220		1470	2100	3310	4620	4190	4100	2900	2000	1530	1420	1300						
7440-02-0	Nickel	100	ug/L	3.9 U	0.71 B	0.8 U	1.4 U	0.9 U	1.3 U		1.3 BE	3.1 U	0.72 U	0.71 U	1.4 B	1.3 U	1.4 U	1.6 U	1.2 U	0.84 U	1.1 U						
7440-09-7	Potassium	NS	ug/L	12300	22900	23100	25600	36900	54100		57900	56600	32800 E	31300	51800	50700	22500	17200	14600	13200	12300						
7782-49-2	Selenium	10	ug/L	1.4 UW	4 U	4 U	4.8 U	2 U	3.6 U		3 U	3.7 U	2.1 U	2.7 B	2.2 U	2.5 B	1.5 U	1.8 U	3.2 U	2.7 B	2.2 U						
7440-22-4	Silver	50	ug/L	1.5 B	0.64 B	0.75 B	1.1 U	1.2 U	1 U		0.78 U	0.75 U	0.73 U	0.73 U	1 U	1 U	1.8 U	1.2 U	1.1 U	1.6 U	1.6 U						
7440-23-5	Sodium	20000	ug/L	28700	35900	36300	33600	32800	36500		43500 E	58300	62400	70000	66400	65100	55400 E	44900	35300	35000	33700						
7440-28-0	Thallium	.5 (G)	ug/L	9.2 U	6 B	6.2 B	7.4 U	5.5 U	3.8 U																		
7440-62-2	Vanadium	NS	ug/L</																								

Appendix B-2
Monitoring Well MW-7
Historically Detected Compounds

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-7 162138	MW-7 G5190	MW-7 H1024	MW-7 H7534	MW-7 J8492	MW-7 M0299	MW-7RE M0299RE	MW-7 N4879	MW-7RE N4879RE	MW-7 Q4029	MW-7 R7151	MW-7 S7277	MW-7 T6913	MW-7 V4634	MW-7 Z9833	MW-7 A7552	MW-7 B4509	MW-7 E1192	MW-7 0508015-001A	MW-7 0603108-002A	MW-7 A7E98508	MW-7 A8E15004
			Source: SDG: Matrix: Sampled:	Columbia MW1 Water 8/12/1997	OBG 5116 Water 11/20/1997	OBG 6857 Water 2/20/1998	OBG 7830 Water 5/29/1998	OBG 9596 Water 10/23/1998	OBG 1516 Water 4/21/1999	OBG 1516 Water 4/21/1999	OBG 3856 Water 11/9/1999	OBG 3856 Water 11/9/1999	OBG 5512 Water 4/28/2000	OBG 7645 Water 12/13/2000	OBG 9259 Water 6/18/2001	OBG 739 Water 12/12/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/19/2002	OB 5716 Water 6/25/2003	OB 6968 Water 12/18/2003	OB 6968 Water 6/9/2004	OB 200508 Water 8/1/2005	LSL-BL 6030950 Water 3/23/2006	BM A07-E985 Water 12/26/2007	BM A08-E150 Water 11/6/2008
CAS NO.	COMPOUND		UNITS:																						
	VOLATILES																								
67-64-1	Acetone	50 (G)	µg/L	10 U	10 U	10 U	10 U	8 J B	10 U		10 U		10 U	8 J	10 U	10 U	10 U	3 JB	10 U	10 U	3 JB	4 BJ	2 BJ	5 U	5 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	11	11		8 J		4 J	10 U	10 U	10 U	10 U	10 U	30	10 U	10 U	10 U	1 U	1 U	
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	10 U	1 J	10 U		10 U		1 J	10 U	0.9 JB	1 J	1 JB	0.5 JB	10 U	10 U	0.7 JB	2 BJ	1 BJ	1 U	1 U
127-18-4	Tetrachloroethene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U		1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	1 U	1 U
108-88-3	Toluene	5	µg/L																				U	1 U	1 U
1330-20-7	Xylene (total)	5	µg/L	10 U	10 U	10 U	10 U	1 J	10 U		10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	3 U	3 U
	Total VOCs			ND	ND	ND	ND	10	11	NA	8	NA	4	10	ND	0.9	1	4	30.5	ND	3.7	6	3		U
	SEMIVOLATILES																								
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	9 J	10 U	10 U		10 U		5 U	5 U
50-32-8	Benzo[a]pyrene	ND	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	7 J	10 U	10 U		10 U		5 U	5 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	14	10 U	10 U		10 U		5 U	5 U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U		10 U		5 U	5 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U		10 U		5 U	5 U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	4 J	10 U	10 U	11	10 U	10 U	18	10 U	U	37	5 U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		5 U	5 U
218-01-9	Chrysene	0.002 (G)	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	7 J	10 U	10 U		10 U		5 U	5 U
84-74-2	Di-n-butyl phthalate	50	µg/L	3 JB	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		0.4 BJ	0.3 J
105-67-9	2,4-Dimethylphenol	1	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	6 J	10 U	10 U		10 U		5 U	5 U
206-44-0	Fluoranthene	50 (G)	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	13	10 U	10 U		10 U		5 U	5 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U		10 U		5 U	5 U
95-48-7	2-Methylphenol	1	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U		10 U		5 U	5 U
106-44-5	4-Methylphenol	1	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U		10 U		5 U	0.4 J
91-20-3	Naphthalene	10 (G)	µg/L	10 J	8 J	3 J	1 J	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		5 U	5 U
108-95-2	Phenol	1	µg/L	2 JB			10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U		5 U	5 U
129-00-0	Pyrene	50 (G)	µg/L	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	26	10 U	10 U		10 U		5 U	5 U
	Total SVOCs			28	8	3	1	ND	ND	ND	ND	NA	ND	ND	4	ND	ND	109	ND	ND	18	ND	ND	37.4	0.7
	PESTICIDES																								
309-00-2	Aldrin	ND	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.052 U	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.011 JP	0.051 U	0.05 U	0.051 U					
319-84-6	alpha-BHC	0.01	µg/L	0.053 U	0.05 U	0.05 U	0.00044 BJP	0.05 U	0.0061 BJ		0.052 U	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	0.051 U	0.05 U	0.051 U					
319-86-8	delta-BHC	0.04	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.052 U	0.047 U	0.05 U	0.00061 BJP	0.05 U	0.051 U	0.052 U	0.051 U	0.05 U	0.051 U					
72-54-8	4,4'-DDD	0.3	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.094 U	0.1 U	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	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.094 U	0.1 U	0.1 U	0.003 BJP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U					
60-57-1	Dieldrin	0.004	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.094 U	0.1 U	0.1 U	0.1 U	0.0027 J	0.1 U	0.1 U	0.1 U	0.1 U					
959-98-8	Endosulfan I	NS	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0012 JP		0.052 U	0.047 U	0.05 U	0.051 U	0.05 U	0.051 U	0.052 U	0.051 U	0.05 U	0.051 U					
33213-65-9	Endosulfan II	NS	µg/L	0.11 U	0.1 U	0.1 U	0.00072 BJP	0.1 U	0.1 U		0.1 U	0.094 U	0.1 U	0.00089 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U					
1031-07-8	Endosulfan sulfate	NS	µg/L	0.11 U	0.1 U	0.0033 JP	0.1 U	0.1 U	0.1 U		0.1 U	0.094 U	0.1 U	0.1 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U				
7421-93-4	Endrin aldehyde	5	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.094 U	0.1 U	0.1 U	0.1 U	0.021 BJ	0.1 U	0.004 BJ	0.1 U	0.1 U	0.1 U				
53494-70-5	Endrin ketone	5	µg/L	0.11 U	0.1 U	0.1 U	0.1 U	0.0013 JP	0.1 U		0.1 U	0.094 U	0.1 U	0.1 U	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 (Lindane)	0.05	µg/L	0.053 U	0.05 U	0.0055 J	0.00091 JP	0.05 U	0.05 U		0.012 JP	0.047 U	0.0029 JP	0.051 U	0.05 U	0.0039 J	0.052 U	0.051 U	0.05 U	0.051 U	0.0024 BJP				
5103-74-2	gamma-Chlordane	0.05	µg/L	0.053 U	0.05 U	0.05 U	0.0042 BJP	0.0037 JP	0.008 JP		0.052 U	0.047 U	0.0042 JP	0.051 U	0.05 U	0.051 U	0.052 U	0.051 U	0.05 U	0.051 U					
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.053 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0048 J		0.052 U	0.047 U	0.0018 BJP	0.051 U	0.05 U	0.051 U	0.052 U	0.051 U	0.05 U	0.051 U					
72-43-5	Methoxychlor	35	µg/L	0.53 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.52 U	0.47 U	0.5 U	0.044 BJP	0.5 U	0.51 U	0.52 U	0.51 U	0.5 U	0.51 U					
	Total Pesticides			ND	ND	0.0088	0.00627	0.005	0.0201	NA	0.012	ND	0.035	0.1485	0.003	0.0276	0.011	ND	0.004	ND	0.0024	NA	NA	NA	NA
	PCBs																								
	None Detected																								
	INORGANICS																								
7429-90-5	Aluminum	NS	µg/L	122	24900	1540	398	189 B	316		711		1730	544 E	79.1 B	265	582	304	315	224	329				
7440-36-0	Antimony	3	µg/L	2.2 UE	8.6 B	2.6 U	2.9 U	1.3 U	1.6 U		2.5 U		1.9 U	1.5 U	1.4 U	2.1 U	2.3 U	2.1 U	1.7 U	1.4 U	2.3 U				
7440-38-2	Arsenic	25	µg/L	24.2	52.2	4.2 U	4.2 U	3.1 U	1.9 U		2.5 U		14	6.4 B	15.5	25	19.9	21.3	15.8	20.9	16.8				
7440-39-3	Barium	1000	µg/L	246	637	543	612	616	575		614		626	538	374	388	375	369	360	348	362				
7440-41-7	Beryllium	3 (G)	µg/L	1.2 B	1.8 B	0.13 B	0.12 U	0.07 U	0.13 U		0.26 B		0.19 B	0.33 B	0.08 U	0.11 B	0.22 B	0.01 U	0.05 U	0.12 U	0.08 U				
7440-43-9	Cadmium	5	µg/L	4 B	1.1 B	0.3 U	0.49 U	0.43 U	0.42 U		0.3 U		0.28 U	0.25 U	0.24 U	0.62 B	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U				
7440-70-2	Calcium	NS	µg/L	60800	214000	104000	106000	103000	110000		111000		120000	125000	107000	112000	112000	109000	109000	108000	114000				
7440-47-8	Chromium	50	µg/L	1.5 U	77.2	7.4 B	1.6 U	6.3 B	8.5 B		7.4 BE		16.8	12.2	6.6 B	8.7 B	4.6 B E	11.5	5.7 B	1.7 U	4.9 B				
7440-48-4	Cobalt	NS	µg/L	2.1 U	17.6 B	1.2 U	2.3 U	2.3 U	1.6 U		1.7 U		1.7 B	0.86 U	0.93										

Appendix B-2
Former Recovery Wells RW-4 and RW-5
Historically Detected Compounds

Cherry Farm Monitoring Well Sampling Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id:	RW-4 0508082-002A	RW-4 0603110-002A	RW-4 A7E98509	RW-4 A8E15005	RW-5 0508082-001A	RW-5 0603110-001A	RW-5 A7E985010	RW-5 A8E15006	RW-5 RSI0296-05
			Source: SDG: Matrix: Sampled:	OB 200508 Water 8/11/2005	LSL-BL 6030950 Water 3/24/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/5/2008	OB 200508 Water 8/11/2005	LSL-BL 6030950 Water 3/24/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/5/2008	BM RSI0296 Water 9/8/2009
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	5 BJ	1 BJ	20 U	5 U	5 BJ	2 BJ	5 U	5 U	2.8 J
71-43-2	Benzene	1	µg/L	4 J	U	4 U	1 U	25	U	1 U	1 U	1.8
108-90-7	Chlorobenzene	5	µg/L	10 U	U	4 U	1 U	10 U	U	1 U	1 U	1 U
67-66-3	Chloroform	7	µg/L	10 U	U	4 U	1 U	10 U	U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	5	µg/L	0.7 J	U	4 U	1 U	10 U	U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	5	µg/L	10 U	U	4 U	1 U	10 U	U	1 U	1 U	1 U
100-41-4	Ethylbenzene	5	µg/L	0.7 J	U	4 U	1 U	12	U	1 U	1 U	1 U
75-09-2	Methylene chloride	5	µg/L	0.9 BJ	0.9 BJ	4 U	1 U	1 BJ	U	1 U	1 U	1 U
100-42-5	Styrene	5	µg/L	10 U	U	4 U	1 U	10	U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	5	µg/L	10 U	U	4 U	1 U	ND	U	1 U	1 U	1 U
108-88-3	Toluene	5	µg/L	1 J	U	4 U	1 U	15	U	1 U	1 U	1 U
1330-20-7	Xylene (total)	5	µg/L	10 U	U	12 U	3 U	10 U	U	3 U	3 U	2 U
	Total VOCs			12.3	1.9	ND	ND	67	2	ND	ND	4.6
	SEMIVOLATILES											
83-32-9	Acenaphthene	20 (G)	µg/L	10 U		5 U	5 U	10 U		5 U	5 U	4.8 U
208-96-8	Acenaphthylene	NS	µg/L	10 U		5 U	5 U	5 J		5 U	5 U	4.8 U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
50-32-8	Benzo[a]pyrene	ND	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
86-74-8	Carbazole	NS	µg/L	10 U	U	5 U	5 U	2 J	U	5 U	5 U	4.8 U
218-01-9	Chrysene	0.002 (G)	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
81-74-2	Di-n-butyl phthalate	50	µg/L		2 J	5 U	5 U		U	5 U	0.3 J	4.8 U
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	10 U		5 U	5 U	10 U		5 U	5 U	4.8 U
132-64-9	Dibenzofuran	NS	µg/L	10 U		5 U	5 U	10 U		5 U	5 U	4.8 U
106-46-7	1,4-Dichlorobenzene	3	µg/L	10 U	U	10 U	0.5 BJ	10 U	U	10 U	10 U	9.6 U
84-66-2	Diethyl phthalate	50 (G)	µg/L	10 U		5 U	5 U	10 U		5 U	5 U	4.8 U
105-67-9	2,4-Dimethylphenol	1	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	10 U	4.8 U
131-11-3	Dimethyl phthalate	50 (G)	µg/L	10 U		5 U	5 U	10 U		5 U	5 U	4.8 U
206-44-0	Fluoranthene	50 (G)	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
86-73-7	Fluorene	50 (G)	µg/L	10 U		5 U	5 U	10 U		5 U	5 U	4.8 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
91-57-6	2-Methylnaphthalene	NS	µg/L	10 U	U	5 U	5 U	8 J	U	5 U	5 U	4.8 U
95-48-7	2-Methylphenol	1	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
106-44-5	4-Methylphenol	1	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	9.6 U
100-02-7	4-Nitrophenol	1	µg/L	26 U		10 U	5 U	3 J		10 U	5 U	9.6 U
91-20-3	Naphthalene	10 (G)	µg/L	7 J	U	5 U	0.2 BJ	430 E	U	5 U	5 U	4.8 U
85-01-8	Phenanthrene	50 (G)	µg/L	10 U		5 U	5 U	10 U		5 U	5 U	4.8 U
108-95-2	Phenol	1	µg/L	10 U	U	5 U	5 U	3 J	U	5 U	5 U	4.8 U
129-00-0	Pyrene	50 (G)	µg/L	10 U	U	5 U	5 U	10 U	U	5 U	5 U	4.8 U
	Total SVOCs			7	2	ND	0.7 BJ	451	ND	ND	0.3	ND
	PCBs											
	None detected											

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
B (organics) = The analyte was found in the associated blank, as well as in the sample
J or B (inorganics) = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
J (organics) = Indicates an estimated value

APPENDIX B-3
Historically Detected Compounds
(Sumps, 1997-2009)

Appendix B-3
Sump S-1
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-1 G5093	S-1 H0918	S-1 H7400	S-1 J8341	S-1 M0193	S-1 N4877	S-1NAPL A9751104	S-1 Q3849	S-1 R7180	S-1 S7322	S-1 T7106	S-1 V4632	S-1 Z7813	S-1 A7429	S-1 B4467	S-1 E1135	S-1 0508015-006A	S-1 0603095-002A	S-1 A7E985011	S-1 A8E30606	S-1 RS10312-01	
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/18/1998	OBG 7810 Water 5/28/1998	OBG 9571 Water 10/21/1998	OBG 1489 Water 4/20/1999	OBG 3856 Water 11/9/1999	OBG 11090 Water 11/9/1999	OBG 5490 Water 4/26/2000	OBG 9571 Water 12/14/2000	OBG 9270 Water 6/20/2001	OBG 764 Water 12/13/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/18/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/18/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RS10296 Water 9/9/2009	
CAS NO.	COMPOUND		UNITS:																						
	VOLATILES																								
67-64-1	Acetone	50 (G)	µg/L	7 J	4 J	9 J	10 J	13	7 J		7 J	5 J	12	4 J	10 U	6 JB	6 J		10 JB	5 BJ	5 BJ	U	5 U	5.5	
71-43-2	Benzene	1	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U			10 U	U	5 U	1 U		
78-93-3	2-Butanone	50	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	3 J	10 U	10 U	2 J	10 U				U	5 U	5 U		
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	7 J	10 U		10 U	10 U	10 U	10 U	15	10 U	10 U		10 U		U	5 U	1 U		
108-90-7	Chlorobenzene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	0.8 J	10 U		0.6 J	0.7 J	0.8 J	3 J	5 U	1 U	
75-00-3	Chloroethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	1 J	10 U	10 U	10 U	10 U				U	5 U	1 U		
67-66-3	Chloroform	7	µg/L																		U	5 U	1 U		
74-87-3	Chloromethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	2 J	10 U	10 U	10 U	10 U				U	5 U	1 U		
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	U	5 U	0.5 J		
156-59-2	cis-1,2-Dichloroethene	5	µg/L				10 U	10 U			10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	2 J	U	5 U		
156-60-5	trans-1,2-Dichloroethene	5	µg/L				10 U	10 U			10 U	10 U	10 U	10 U	10 U	10 U	10 U				U	5 U	1 U		
540-59-0	1,2-Dichloroethene (total)	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U				U	5 U	4.8		
100-41-4	Ethylbenzene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U			10 U	U	5 U	1 U		
108-10-1	4-Methyl-2-pentanone	NS	µg/L	3 J	2 J	10 U	2 J	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U		0.6 J		U	U	5 U	5 U	
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	2 J	10 U	10 U		10 U	10 U	1 J	0.6 JB	2 J	0.7 JB	0.5 J		1 JB	0.9 BJ	1 BJ	U	5 U	1 U	
100-42-5	Styrene	5	µg/L																		U	5 U	1 U		
127-18-4	Tetrachloroethene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U			10 U	U	5 U	1 U		
108-88-3	Toluene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	0.7 J	U	U	5 U	1 U	
79-01-6	Trichloroethene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U				U	5 U	0.66 J		
75-01-4	Vinyl chloride	3	µg/L	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U				U	5 U	0.59 J		
1330-20-7	Xylene (total)	5	µg/L	2 J	2 J	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	U	5 U	2 U		
	Total VOCs			14	10	9	14	20	7	NA	7	5	19	4.6	17	9.5	6.5	NA	13.6	7.3	8.8	3	5 U	12.05	
	SEMIVOLATILES																								
83-32-9	Acenaphthene	20 (G)	µg/L	11	38	3 J	370 D	180 D	55 JD	130000 J	77 JD	12 JD	220 U	100 U	100 U	530 U	500 U	10 JD	10 U	2 J		1 J	U	110 U	
208-96-8	Acenaphthylene	NS	µg/L	10 U	10 U	10 U	100 U	53 U	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	10 U	10 U	U	U	U	110 U	
120-12-7	Anthracene	50 (G)	µg/L	14	39	2 J	300 D	110 D	23 JD	83000 J	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U			0.8 J	U	U	110 U	
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	17	94 E	2 J	420 D	310 D	78 JD	160000 J	170 JD	33 JD	52 JD	29 JD	29 J D	530 U	90 JD	56 D	13	12		61 J	U	32 J	
50-32-8	Benzo[a]pyrene	ND	µg/L	12	57	2 J	230 D	150 D	42 JD	73000 J	88 JD	21 JD	30 JD	19 JD	26 J D	530 U	72 JD	53 D	10	10		62 J	U	0.3 J	37 J
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	16	75	2 J	350 D	210 D	76 JD	180000 J	170 JD	34 JD	68 JD	34 JD	45 J D	57 J	110 JD	84 D	15 J	20	100 J	5 U	0.3 J	47 J	
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	6 J	34	10 U	130 D	220 D	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	4 J	4 J		33 J	5 U	0.2 BJ	110 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	6 J	29	10 U	160 D	77 D	29 JD	1400000 U	610 U	100 U	25 JD	100 U	14 J D	530 U	58 JD	31 JD	10 J	5 J	38 J	5 U	0.3 J	26 J	
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	21	120 E	4 J	530 D	190 D	46 JD	82000 J	140 JD	11 JD	55 JD	29 JBD	32 J D	530 U	100 JD	77 D	13 J	8 J	76 J	5 U	U	110	
86-74-8	Carbazole	NS	µg/L	10 U	10 U	2 J	100 U	53 U	100 U	1400000 U	610 U	30 JD	220 U	100 U	100 U	530 U	500 U	50 U		10 U	U	2 J	0.5 J	110 U	
59-50-7	4-Chloro-3-methylphenol	1	µg/L	10 U	10 U	10 U	100 U	53 U	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	10 U		U	5 U	U	110 U	
218-01-9	Chrysene	0.002 (G)	µg/L	19	90 E	2 J	430 D	380 D	92 JD	160000 J	160 JD	34 JD	43 JD	19 JD	20 J D	530 U	83 JD	46 JD	12 J	10	54 J	5 U	U	27 J	
84-74-2	Di-n-butyl phthalate	50	µg/L																		U	5 U	0.7 BJ	110 U	
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	10 U	10	10 U	40 JD	53 U	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	2 J	1 J		5 U	U	110 U	
132-64-9	Dibenzofuran	NS	µg/L	5 J	31	2 J	250 D	73 D	24 JD	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U		10 U		0.7 J	U	110 U	
541-73-1	1,3-Dichlorobenzene	3	µg/L	10 U	3 J	1 J	16 JD	53 U	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	2 J			5 U	U	220 U	
106-46-7	1,4-Dichlorobenzene	3	µg/L	2 J	14	6 J	77 JD	13 J D	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	7 JD	3 J	1 J	U	1 BJ	U	220 U	
120-83-2	2,4-Dichlorophenol	1	µg/L	1 J	10 U	10 U	100 U	53 U	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U				5 U	U	110 U	
84-66-2	Diethyl phthalate	50 (G)	µg/L																			5 U	1 BJ	110 U	
105-67-9	2,4-Dimethylphenol	1	µg/L	260 E	290 E	78	84 JD	33 J D	12 JD	1400000 U	610 U	12 JD	220 U	100 U	26 J D	530 U	500 U	14 JD	7 J	22	U	8	U	110 U	
131-11-3	Dimethyl phthalate	50 (G)	µg/L	10 U	10 U	10 U	100 U	53 U	100 U	1400000 U	570 JD	100 U	220 U	100 U	100 U	530 U	500 U	50 U		10 U		5 U	U	110 U	
206-44-0	Fluoranthene	50 (G)	µg/L	82 E	330 E	6 J	1800 ED	710 ED	160 D	600000 J	610 U	100 U	89 JD	51 JD	43 J D	98 J	230 JD	120 D				0.4 J	0.8 BJ	45 J	
86-73-7	Fluorene	50 (G)	µg/L	8 J	30	2 J	390 D	99 D	39 JD	1200000 J	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	10 U	10 U		1 J	0.4 J	110 U	
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	6 J	30	10 U	120 D	190 D	21 JD	1400000 U	610 U	100 U	220 U	100 U	10 J D	530 U	500 U	50 U	4 J	4 J	32 J	5 U	0.2 BJ	110 U	
91-57-6	2-Methylnaphthalene	NS	µg/L	2 J	5 J	1 J	130 D	17 J D	79 J	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U		10 U	U	0.6 J	U	110 U	
95-48-7	2-Methylphenol	1	µg/L	51	33	6 J	100 U	53 U	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	10 U	10 U	U	0.2 J	U	110 U	
106-44-5	4-Methylphenol	1	µg/L	86 E	37	37	100 U	53 U	100 U	1400000 U	610 U	100 U	220 U	100 U	13 J D	530 U	500 U	50 U	10 U	2 J	U	5 U	U	220 U	
91-20-3	Naphthalene	10 (G)	µg/L	3 J	5 J	2 J	65 JD	6 J D	100 U	1400000 U	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U			U	2 J	0.3 BJ	110 U	
100-02-7	4-Nitrophenol	1	µg/L																		9 J	U	220 U		
85-01-8	Phenanthrene	50 (G)	µg/L	24	140 E	4 J	1400 ED	210 D	54 JD	200000 J	610 U	100 U	220 U	100 U	100 U	530 U	500 U	50 U	25 U	25 U		1 J	5 U	110 U	
108-95-2	Phenol	1	µg/L	68	40	17	100 U	53 U	100 U	1400000 U	610														

Appendix B-3
Sump S-1
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-1 G5093	S-1 H0918	S-1 H7400	S-1 J8341	S-1 M0193	S-1 N4877	S-1NAPL A9751104	S-1 Q3849	S-1 R7180	S-1 S7322	S-1 T7106	S-1 V4632	S-1 Z7813	S-1 A7429	S-1 B4467	S-1 E1135	S-1 0508015-006A	S-1 0603095-002A	S-1 A7E985011	S-1 A8E30606	S-1 RS10312-01
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/18/1998	OBG 7810 Water 5/28/1998	OBG 9571 Water 10/21/1998	OBG 1489 Water 4/20/1999	OBG 3856 Water 11/9/1999	OBG 11090 Water 11/9/1999	OBG 5490 Water 4/26/2000	OBG 7645 Water 12/14/2000	OBG 9270 Water 6/20/2001	OBG 764 Water 12/13/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/18/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/18/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RS10296 Water 9/9/2009
CAS NO.	COMPOUND		UNITS:																					
	PESTICIDES																							
309-00-2	Aldrin	ND	µg/L	0.25 U	0.25 U	0.008 JP	0.25 U	0.25 U	0.038 JP		0.27 U	0.26 U	0.27 U	0.26 U	0.28 U	0.26 U	0.25 U	0.25 U			U	0.05 U	U	6.1 U
319-84-6	alpha-BHC	0.01	µg/L	0.25 U	0.25 U	0.011 JP	0.25 U	0.25 U	0.25 U		0.12 JP	0.018 JP	0.27 U	0.11 JP	0.28 U	0.26	0.072 JP	0.25 U		0.11 PJ		0.05 U	U	6.1 U
319-85-7	beta-BHC	0.04	µg/L	0.25 U	0.25 U	0.05 U	0.25 U	0.25 U	0.25 U		0.27 U	0.26 U	0.27 U	0.26 U	0.28 U	0.26 U	0.25 U	0.25 U		0.26 U	U	0.05 U	U	6.1 U
319-86-8	delta-BHC	0.04	µg/L	0.25 U	0.021 JP	0.05 U	0.25 U	0.0048 JP	0.0046 JP		0.0026 JP	0.26 U	0.0045 JP	0.26 U	0.28 U	0.26 U	0.25 U	0.25 U		0.26 U	U	0.05 U	U	6.1 U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.25 U	0.25 U	0.05 U	0.25 U	0.25 U	0.25 U		0.27 U	0.26 U	0.27 U	0.28 P	1.3 P	0.26 U	0.25 U	0.092 JP	0.2 JP	0.46 P	0.19 J	0.05 U	U	3.2 J
5103-71-9	alpha-Chlordane	0.05	µg/L	0.25 U	0.25 U	0.05 U	0.25 U	0.25 U	0.25 U		0.27 U	0.26 U	0.27 U	0.26 U	0.26 U	0.26 U	0.096 JP	0.25 U		0.22 PJ		0.05 U	U	6.1 U
5103-74-2	gamma-Chlordane	0.05	µg/L	0.25 U	0.25 U	0.02 JP	0.25 U	0.25 U	0.0082 JP		0.27 U	0.26 U	0.27 U	0.28 U	0.28 U	0.53 P	0.25 U	0.25 U	0.26 U	2 P	U	.012 J	U	6.1 U
72-54-8	4,4'-DDD	0.3	µg/L	0.026 JP	0.26 JP	0.058 JP	0.033 JP	0.051 JP	0.51 U		0.029 JP	0.52 U	0.068 JP	0.52 U	0.56 U	0.52 U	0.053 JP	0.52 U		0.53 U	U	0.05 U	U	6.1 U
72-55-9	4,4'-DDE	0.2	µg/L	0.5 U	1.4 P	0.016 JP	0.51 P	1.3 P	0.24 JP		0.79	0.58 P	2.1 BP	2.3	9.3 E	0.69 P	1 P	0.61 P	1.1	4.3	1.4 P	0.05 U	U	4.8 J
50-29-3	4,4'-DDT	0.2	µg/L	0.5 U	0.5 U	0.1 U	0.5 U	0.51 U	0.51 U		0.028 JP	0.17 JP	0.83 P	0.52 U	0.56 U	0.52 U	0.5 U	0.5 U	0.52 U	0.26 U		0.05 U	U	6.1 U
60-57-1	Dieldrin	0.004	µg/L	0.5 U	0.5 U	0.1 U	0.5 U	0.51 U	0.25 JP		0.54 U	0.52 U	0.53 U	1.9 BP	6.2 P	0.88	1 P	0.42 JP	0.85 B P	0.53 U	U	0.023 J	0.13 J	6.7
959-98-8	Endosulfan I	NS	µg/L	0.25 U	0.25 U	0.05 U	0.25 U	0.14 JP	0.25 U		0.13 JP	0.1 JP	0.62 P	0.33 P	1.1 P	0.095 JP	0.84 P	0.25 U	0.24 JP	0.58 P	U	0.05 U	U	6.1 U
33213-65-9	Endosulfan II	NS	µg/L	1.4	17 E	0.081 JP	3.1	2.1	0.51 U		0.54 U	0.52 U	0.53 U	0.52 U	0.56 U	0.082 JP	0.5 U	0.046 JP	0.05 JP	0.53 U		0.05 U	U	6.1 U
1031-07-8	Endosulfan sulfate	NS	µg/L	0.5 U	0.5 U	0.1 U	0.086 BJP	0.51 U	0.44 J		0.54 U	0.13 JP	0.17 JP	0.52 U	0.56 U	0.52 U	0.5 U	0.5 U	0.52 U	0.32 PJ	0.48 PJ	0.05 U	U	6.1 U
72-20-8	Endrin	ND	µg/L	0.5 U	0.5 U	0.023 JP	0.5 U	0.51 U	0.51 U		0.13 JP	1 P	0.31 BJP	0.68 P	2.5 P	0.52 U	0.5 U	2.6	0.67 P	1.7 P	0.9 J	0.05 U	U	6.1 U
7421-93-4	Endrin aldehyde	5	µg/L	0.5 U	1.8 P	0.1 U	0.045 JP	0.3 JP	0.047 JP		0.025 JP	0.067 JP	0.82 P	0.047 JP	2.7 P	0.26 JP	0.38 BJP	0.5 U	0.86 P	0.53 U	U	0.05 U	U	5.9 J
53494-70-5	Endrin ketone	5	µg/L	0.5 U	0.5 U	0.1 U	0.5 U	0.51 U	0.51 U		0.54 U	0.52 U	0.53 U	0.069 JP	8.7 P	0.52 U	0.46 JP	0.87 P	0.52 U	0.23 PJ	0.16 PJ	0.05 U	U	6.1 U
76-44-8	Heptachlor	0.04	µg/L	0.25 U	0.39 P	0.05 U	0.25 U	0.25 U	0.25 U		0.27 U	0.26 U	0.27 U	0.26 U	0.26 U	0.26 U	0.26 P	0.41 P	0.78 P	0.26 U	U	0.05 U	U	6.1 U
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.25 U	0.25 U	0.0057 JP	0.25 U	0.25 U	0.25 U		0.27 U	0.26 U	0.27 U	0.26 U	0.28 U	0.26 U	0.25 U	0.25 U		0.26 U	U	0.05 U	U	6.1 U
72-43-5	Methoxychlor	35	µg/L	0.079 JP	2.5 U	0.097 JP	2.5 U	0.83 JP	0.092 JP		0.27 U	2.6 U	2.7 U	0.35 JP	2.1 JP	2.6 U	1.3 JP	2.5 U	2.6 U	0.84 PJ	U	0.05 U	U	6.1 U
Total Pesticides				1.505	20.871	0.3197	3.774	4.7258	1.1198	NA	1.2546	2.065	4.9225	7.929	39.2	2.797	7.708	5.101	4.74	10.76	3.13			20.6
	PCBs																							
12674-11-2	Aroclor-1016	Sum PCBs of 0.09	µg/L																		U	0.5 U	U	30 U
53469-21-9	Aroclor-1242		µg/L	5 U	5 U	0.88 JP	5 U	5.1 U	5.1 U	50000 U	5.4 U	5.2 U	5.3 U	5.2 U	5.6 U	5.2 U	5 U	50 U	5.2 U	5.3 U	58 P	0.62		30 U
12672-29-6	Aroclor-1248		µg/L	7.4	100 P	1 U	39 P	74 P	19 P	330000	56	48	150 P	110	400 E	54 P	62 P	33 P	55	240 P	30	.05 U	2.6	290
11096-82-5	Aroclor-1260		µg/L	43	330 E	2.4 P	89 E	72 P	9.2 P	120000	26	17 P	88 EP	53	200 E	22	38 P	16	22 J	130 P		0.5 U	5.4	210
	Total PCBs			50.4	430	3.28	128	146	28.2	450000	82	65	238	163	600	76	100	49	77	370	88	0.62	8.0	500
	INORGANICS																							
7429-90-5	Aluminum	NS	µg/L	142 B	1090	30.2 B	5870	2390	859		1920	6890 E	3290	18300	85.4 B	3380	4920	23300		4500	11200	89 B	U	357 B
7440-36-0	Antimony	3	µg/L	2.6 U	2.6 U	2.9 U	4.9 B	2.9 B	2.5 U		1.9 U	1.9 B	1.4 U	2.1 U	2.3 U	2.1 U	3.7 B	9.2 B		1.3 U	4.8 B	5.6 U	U	7.8 J
7440-38-2	Arsenic	25	µg/L	4.7 B	5.8 B	10.2	20.6	10.4	14.1		7.6 B	23.4	7.8 B	13.2	4.9 B	13.3	33.7	96.1		12.6	27.7	4.2 U	5.4 B	11.3
7440-39-3	Barium	1000	µg/L	187 B	196 B	151 B	463	332	490		278	468	313	179 B	292	441	519		190 B	238	190	169	U	69
7440-41-7	Beryllium	3 (G)	µg/L	0.06 U	0.1 B	0.12 U	0.34 B	0.18 B	0.16 B		0.16 B	0.65 B	0.15 B	0.13 B	0.17 B	0.65 B	0.2 B	1 B		0.046 U	0.37 B	0.27 U	U	2 U
7440-43-9	Cadmium	5	µg/L	0.24 U	0.3 U	0.49 U	1.8 B	0.55 B	0.3 U		0.28 U	0.25 U	0.24 U	0.37 B	0.31 U	0.37 U	0.3 B	4.3 B		0.28 U	1.1 B	0.36 U	U	1 U
7440-70-2	Calcium	NS	µg/L	46300	50900	45700	233000	152000	254000		105000	160000	111000	470000	75800	87000	308000	297000		61300	158000	84900	67500	36000 B
7440-47-8	Chromium	50	µg/L	1.2 B	5.4 B	1.6 U	16.3	7.6 B	5.1 BE		15.2	16	7.6 B	48.8	1.7 B E	7.4 B	13	87.9		21.7	139	0.84 U	1.5 B	10.7
7440-48-4	Cobalt	NS	µg/L	1.1 U	1.2 U	2.3 U	5.7 B	2.2 B	1.7 U		1.2 B	4.9 B	1.7 B	25.3 B	1.2 U	1.6 U	2.3 B	17.1 B		1.2 U	6.2 B	0.89 U	U	0.7 J
7440-50-8	Copper	200	µg/L	7.4 B	5.3 B	4 B	115	79.1	3 B		6.5 B	23.4 B	7.7 B	11.5 B	2.3 B	21.1 B	66.4	318		53	189	1.3 U	1.5 B	17.3
7439-89-6	Iron	300	µg/L	1500	4440	3060	21800	7920	19000		9790	23400	15400	105000	6050	16600	36200	73300		15200	29800	8990	6210	1790
7439-92-1	Lead	25	µg/L	2.6 B	8.2	1.8 U	47.6	19.4	2.4 B		20.5	28.3	15.2	23.1	2.6 B N	19.9	33.2	148		35.8	65.1	2.9 U	U	5
7439-95-4	Magnesium	35000 (G)	µg/L	9410	10100	7730	16700	12900	13600		15600	14800	13900	33900	14100	14800	16500	23800		16500	13900	19900	153000	5230
7439-96-5	Manganese	300	µg/L	1210	1330	1080	3150	2290	3480		1510	2580	1830	6640	824	1660	2370	2260		971	929 E	917	1060	222
7439-97-6	Mercury	0.7	µg/L	0.14 U	0.2 U	0.09 U	0.15 U	0.11 U	0.11 U		0.11 U	0.17 U	0.18 U	0.15 U	0.12 U	0.02 U	0.05 U	0 B		0.01 U	0.086 B	0.12 U	U	0.2 U
7440-02-0	Nickel	100	µg/L	7.7 B	17 B	8.1 B	28.9 B	18.2 B	33.5 BE		45.3	28.6 B	12.4 B	102	2 B	14.1 B	35.7 B	310		33.7 B	118	1.2 U	2.9 B	5.9 J
7440-09-7	Potassium	NS	µg/L	16700	14500	20300	24400	23700	23000		22500	23900 E	23900	25300	24900	19500	24400	24000		25300	21900	19000	18800	28400
7782-49-2	Selenium	10	µg/L	4 U	4 U	4.8 U	2.9 B	3.6 U	3 U		3.7 U	2.1 U	1.8 U	3.4 B	1.5 U	1.8 U	3.2 U	9.5		2.2 U	U	6.1 U	U	15 U
7440-22-4	Silver	50	µg/L	0.56 U	0.6 U	1.1 U	1.2 U	1 U	0.78 U		0.75 U	0.73 U	0.73 U	1 U	1.8 U	1.2 U	1.1 U	1.6 U		0.53 U	1.6 B	1 B	U	3 U
7440-23-5	Sodium	20000	µg/L	116000	110000	93300	93000	138000	145000 E		121000	118000	125000	124000	99700 E	103000	108000	91800		88800	60400	67100	78300	61400
7440-28-0	Thallium	0.5 (G)	µg/L	3.3 U	4.1 B	7.4 U	5.5 U	3.8 U	5.1 U		4.9 U	3.7 U	3.6 U	5.1 U	4.8 U	3.6 U	4 U	4.8 U		3.2 U		7 U		20 U
7440-62-2	Vanadium	NS	µg/L	1.8 B	3.6 B	1.2 B	13.4 B	7.4 B	5.2 BE		6.2 B	12.7 B	8.2 B	63.5	1.1 U	10.3 B	43.4 B	76.3		12.4 B	42.2 B	0.78 U	U	5.1
7440-66-6	Zinc	2000 (G)	µg/L																					

Appendix B-3
Sump S-2
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-2 G5094	S-2 H0919	S-2 H7397	S-2 J8486	S-2 M0296	S-2 N5019	S-2 Q3854	S-2 R7177	S-2 S7283	S-2 T6915	S-2 V4633	S-2 Z7442	S-2 A7430	S-2 B4251	S-2 E1137	S-2 0508015-007A	S-2 0603095-003A	S-2 A7E985012	S-2 A8E30606	S-2 RSI0312-02
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/19/1998	OBG 7810 Water 5/28/1998	OBG 9595 Water 10/22/1998	OBG 1516 Water 4/21/1999	OBG 3880 Water 11/10/1999	OBG 5490 Water 4/27/2000	OBG 7645 Water 12/14/2000	OBG 9259 Water 6/19/2001	OBG 739 Water 12/12/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/15/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RSI0296 Water 9/9/2009
CAS NO.	COMPOUND		UNITS:																				
	VOLATILES																						
67-64-1	Acetone	50 (G)	µg/L	10 U	10 U	10 U	9 J B	10 U	10 U	10 U	3 J	7 J	10 U	10 U	3 JB	10 U	10 U	2 JB	13 B	5 BJ	20 U	5 U	5 U
71-43-2	Benzene	1	µg/L	10 U	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	5 U	0.49 J
78-93-3	2-Butanone	50	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	20 U	5 U	5 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	38	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	5 U	1 U
108-90-7	Chlorobenzene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	3 J	5 U	1 U
75-00-3	Chloroethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	5 U	1 U
67-66-3	Chloroform	7	µg/L																10 U		4 U	5 U	1 U
74-87-3	Chloromethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				4 U	5 U	1 U
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	10 U	2 J	2 J	10 U	10 U	10 U	10 U	2 J	2 J	2 J	1 J	2 J	2 J	1 J	2 J	4 U	5 U	2.2
156-59-2	cis-1,2-Dichloroethene	5	µg/L				1 J	6 J		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	5 U	
156-60-5	trans-1,2-Dichloroethene	5	µg/L				10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				4 U	5 U	
540-59-0	1,2-Dichloroethene (total)	5	µg/L	6 J	2 J	10 U	2 J	6 J	9 J	10 U	3 J										4 U	5 U	2 U
100-41-4	Ethylbenzene	5	µg/L	10 U	2 J	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	4 U	5 U	1 U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			U	20 U	5 U	5 U
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	1 JB	10 U	0.8 JB	10 U	10 U	0.8 JB	0.9 BJ	1 BJ	4 U	5 U	1 U
100-42-5	Styrene	5	µg/L																		4 U	5 U	1 U
127-18-4	Tetrachloroethene	5	µg/L	10 U	1 J	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	U	4 U	5 U	1 U
108-88-3	Toluene	5	µg/L	1 J	11	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.6 J	10 U	U	4 U	5 U	0.68 J
79-01-6	Trichloroethene	5	µg/L	10 U	10 U	10 U	10 U	1 J	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			U	4 U	5 U	1 U
75-01-4	Vinyl chloride	3	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			U	4 U	5 U	1 U
1330-20-7	Xylene (total)	5	µg/L	2 J	15	10 U	9 J	3 J	10 U	10 U	10 U	10 U	10 U	3 J	10 U	1 J	10 U	1 J	10 U	U	12 U	5 U	1.8 J
	Total VOCs			11	33	1	29	56	12	ND	6	7	3	5	4.8	2	2	7.4	14.9	8	ND	5 U	5.17
	SEMIVOLATILES																						
83-32-9	Acenaphthene	20 (G)	µg/L	10 U	10 U	10 U	2 J	1 J	1 J	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		0.3 J	0.6 J	5 U
208-96-8	Acenaphthylene	NS	µg/L	10 U	10 U	10 U	3 J	1 J	1 J	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		5 U	0.4 J	5 U
120-12-7	Anthracene	50(G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		5 U	5 U	5 U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	3 J	U	5 U	6 U	5 U
50-32-8	Benzo[a]pyrene	ND	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	3 J	U	5 U	5 U	5 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	6 J	U	5 U	0.3 J	5 U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		5 U	0.2 BJ	5 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	2 J	U	5 U	6 U	5 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J	1 JB	11 U	4 J	10 U	1 J	11 U	10 U	10 J	U	5 U	6 U	5 U
86-74-8	Carbazole	NS	µg/L	10 U	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U		5 U	0.5 J	5 U
59-50-7	4-Chloro-3-methylphenol	1	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		5 U	6 U	5 U
218-01-9	Chrysene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	2 J	U	5 U	6 U	5 U
84-74-2	Di-n-butyl phthalate	50	µg/L																				
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U	1 J	0.4 BJ	0.6 BJ	5 U
132-64-9	Dibenzofuran	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U		5 U	0.3 J	5 U
541-73-1	1,3-Dichlorobenzene	3	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		5 U	6 U	9.9 U
106-46-7	1,4-Dichlorobenzene	3	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U	U	5 U	6 U	9.9 U
120-83-2	2,4-Dichlorophenol	1	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U				5 U	6 U	5 U
84-66-2	Diethyl phthalate	50 (G)	µg/L															20			5 U	0.5 BJ	5 U
105-67-9	2,4-Dimethylphenol	1	µg/L	45	38	18	39	6 J	8 J	10 U	10 U	10 U	1 J	16	10 U	6 J	2 J	7 J	4 J	7 J	5 U	6 U	15
131-11-3	Dimethyl phthalate	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	3.8 J		5 U	6 U	5 U
206-44-0	Fluoranthene	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	4 J	U	0.3 J	0.4 BJ	5 U
86-73-7	Fluorene	50 (G)	µg/L	10 U	10 U	10 U	1 J	1 J	1 J	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		0.2 J	0.6 J	5 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	1 J	U	5 U	0.2 BJ	5 U
91-57-6	2-Methylnaphthalene	NS	µg/L	10 U	2 J	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U		0.6 J	6 U	5 U
95-48-7	2-Methylphenol	1	µg/L	15	13	5 J	9 J	10 U	2 J	10 U	10 U	10 U	10 U	3 J	10 U	1 J	10 U	11 U	10 U	1 J	0.2 J	6 U	4.6 J
106-44-5	4-Methylphenol	1	µg/L	29	37	15	15	10 U	4 J	10 U	10 U	10 U	10 U	5 J	10 U	4 J	10 U	3 J	10 U	3 J	5 U	6 U	10
91-20-3	Naphthalene	10 (G)	µg/L	1 J	5 J	3 J	46	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U				2 J	0.9 BJ	2.2 J
100-02-7	4-Nitrophenol	1	µg/L															1 J	26 U		5 U	6 U	9.9 U
85-01-8	Phenanthrene	50 (G)	µg/L	10 U	10 U	10 U	1 J	10 U	1 J	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U		0.3 J	0.7 BJ	5 U
108-95-2	Phenol	1	µg/L	3 J	10	2 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	10 U	U	5 U	6 U	5 U
129-00-0	Pyrene	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	11 U	6 J	U	0.2 J	0.3 J	5 U
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U				10 U	6 U	9.9 U
	Total SVOCs			93	105	43	123	9	18	2	ND	2	2	27	4	11	3	11	41.8	13	13.5	6.5	31.8

Appendix B-3
Sump S-2
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-2 G5094	S-2 H0919	S-2 H7397	S-2 J8486	S-2 M0296	S-2 N5019	S-2 Q3854	S-2 R7177	S-2 S7283	S-2 T6915	S-2 V4633	S-2 Z7442	S-2 A7430	S-2 B4251	S-2 E1137	S-2 0508015-007A	S-2 0603095-003A	S-2 A7E985012	S-2 A8E30606	S-2 RSI0312-02
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/19/1998	OBG 7810 Water 5/28/1998	OBG 9595 Water 10/22/1998	OBG 1516 Water 4/21/1999	OBG 3880 Water 11/10/1999	OBG 5490 Water 4/27/2000	OBG 7645 Water 12/14/2000	OBG 9259 Water 6/19/2001	OBG 739 Water 12/12/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/15/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RSI0296 Water 9/9/2009
CAS NO.	COMPOUND		UNITS:																				
	PESTICIDES																						
309-00-2	Aldrin	ND	µg/L	0.05 U	0.0012 JP	0.05 U	0.05 U	0.051 U	0.051 U	0.036 JP	0.0013 JP	0.051 U	0.052 U	0.046 J	0.051 U	0.052 U	0.051 U			U	0.05 U		0.052 U
319-84-6	alpha-BHC	0.01	µg/L	0.05 U	0.051 U	0.0015 JP	0.05 U	0.00081 BJP	0.051 U	0.0062 JP	0.05 U	0.051 U	0.052 U	0.052 U	0.051 U	0.0032 JP	0.051 U		0.52 U		0.05 U	0.05 U	0.052 U
319-85-7	beta-BHC	0.04	µg/L	0.05 U	0.051 U	0.019 J	0.05 U	0.051 U	0.051 U	0.052 U	0.05 U	0.051 U	0.0074 JP	0.0047 JP	0.051 U	0.052 U	0.051 U		0.52 U	0.0026 PJ	0.05 U	0.05 U	0.052 U
319-86-8	delta-BHC	0.04	µg/L	0.05 U	0.051 U	0.05 U	0.0027 JP	0.051 U	0.051 U	0.052 U	0.05 U	0.051 U	0.052 U	0.052 U	0.051 U	0.052 U	0.051 U		0.52 U	0.018 BPJ	0.05 U	0.05 U	0.052 U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.05 U	0.0074 JP	0.05 U	0.05 U	0.051 U	0.051 U	0.052 U	0.05 U	0.051 U	0.052 U	0.052 U	0.051 U	0.052 U	0.051 U	0.066 P	0.003 PJ	0.00066 PJ	0.03 J	0.033 J	0.052 U
5103-71-9	alpha-Chlordane	0.05	µg/L	0.05 U	0.051 U	0.05 U	0.05 U	0.0016 JP	0.0017 JP	0.0022 JP	0.05 U	0.051 U	0.052 U	0.052 U	0.051 U	0.052 U	0.051 U		0.52 U		0.05 U	0.05 U	0.052 U
5103-74-2	gamma-Chlordane	0.05	µg/L	0.0037 JP	0.051 U	0.0092 J	0.0014 JP	0.0018 JP	0.051 U	0.052 U	0.051 U	0.052 U	0.052 U	0.052 U	0.051 U	0.052 U	0.051 U	0.052 U	0.038 PJ	U	0.012 J	0.05 U	0.052 U
72-54-8	4,4'-DDD	0.3	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.007 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.52 U	U	0.05 U	0.05 U	0.052 U
72-55-9	4,4'-DDE	0.2	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.0024 JP	0.1 U	0.1 U	0.00079 JP	0.1 U	0.0027 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.074 J	U	0.05 U	0.05 U	0.024 J
50-29-3	4,4'-DDT	0.2	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.00079 BJP	0.1 U	0.1 U	0.0082 JP	0.1 U	0.1 U	0.0018 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.52 U	0.036 J	0.05 U	0.05 U	0.052 U
60-57-1	Dieldrin	0.004	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.088 JP	0.1 U	0.018 JP	0.014 JP	0.1 U	0.1 U	0.0045 JP	0.1 U	0.1 U	0.1 U	U	0.023 J	0.05 U	0.052 U
959-98-8	Endosulfan I	NS	µg/L	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.0033 BJP	0.052 U	0.05 U	0.051 U	0.018 J	0.0038 JP	0.026 J	0.015 J	0.051 U	0.012 J	0.039 PJ	0.015 J	0.005 J	0.063	0.052 U
33213-65-9	Endosulfan II	NS	µg/L	0.1 U	0.0065 J	0.0029 JP	0.0021 JP	0.0018 JP	0.0011 JP	0.1 U	0.004 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.052 U
1031-07-8	Endosulfan sulfate	NS	µg/L	0.1 U	0.0018 JP	0.1 U	0.0046 BJP	0.0025 BJP	0.002 JP	0.1 U	0.0036 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.022 PJ	U	0.05 U	0.05 U	0.052 U
72-20-8	Endrin	ND	µg/L	0.1 U	0.1 U	0.011 JP	0.1 U	0.0029 JP	0.1 U	0.041 JP	0.0041 JP	0.022 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.027 PJ	U	0.05 U	0.05 U	0.052 U
7421-93-4	Endrin aldehyde	5	µg/L	0.1 U	0.1 U	0.1 U	0.0065 J	0.0017 JP	0.1 U	0.1 U	0.0065 JP	0.1 U	0.0087 BJP	0.1 U	0.1 U	0.0088 BJP	0.1 U	0.1 U	0.1 U	0.0015 PJ	0.05 U	0.05 U	0.052 U
53494-70-5	Endrin ketone	5	µg/L	0.1 U	0.1 U	0.1 U	0.00068 J	0.00041 JP	0.1 U	0.0037 JP	0.1 U	0.0097 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	U	0.05 U	0.05 U	0.052 U
76-44-8	Heptachlor	0.04	µg/L	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.0025 JP	0.052 U	0.05 U	0.051 U	0.052 U	0.052 U	0.051 U	0.052 U	0.051 U	0.052 U	0.052 U	U	0.023 J	0.032 J	0.052 U
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.025 U	0.051 U	0.05 U	0.00059 J	0.051 U	0.051 U	0.0039 BJP	0.00055 JP	0.051 U	0.0038 JP	0.052 U	0.051 U	0.0063 JP	0.051 U	0.052 U	0.052 U	U	0.05 U	0.05 U	0.052 U
72-43-5	Methoxychlor	35	µg/L	0.5 U	0.51 U	0.5 U	0.5 U	0.51 U	0.51 U	0.52 U	0.5 U	0.51 U	0.52 U	0.52 U	0.51 U	0.52 U	0.51 U	0.52 U	1.3 P	U	0.05 U	0.05 U	0.052 U
	Total Pesticides			0.0037	0.0169	0.0436	0.01857	0.01671	0.0106	0.1556	0.03864	0.04	0.03864	0.0563	0.026	0.0378	ND	0.078	1.503	0.02276	0.063	0.164	0.024
	PCBs																						
12674-11-2	Aroclor-1016	Sum PCBs of 0.09	µg/L																	U	0.5 U	0.05 U	0.52 U
53469-21-9	Aroclor-1242		µg/L	1 U	1 U	0.41 JP	0.48 JP	0.47 JP	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.33 U	0.41 J	0.52 U	
12672-29-6	Aroclor-1248		µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.9	U	0.5 U	0.5 U	0.52 U
11096-82-5	Aroclor-1260		µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2	U	0.5 U	0.5 U	0.52 U
	Total PCBs			ND	ND	0.41	0.48	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.1	ND	ND	0.41	ND
	INORGANICS																						
7429-90-5	Aluminum	NS	µg/L	341	302	383	142 B	211	281	44.7	180 BE	85.6 B	309	707	221	266	215	119 B	173 B	308	206	23.6 U	159 BJ
7440-36-0	Antimony	3	µg/L	2.6 B	3 B	3.6 B	7 B	4.7 B	3.4 B	1.9 U	3.7 B	3 B	5 B	5.7 B	2.2 B	2.6 B	3.5 B	4.1 B	2.5 B	3.6 B	5.2 U	5.5 U	20 U
7440-38-2	Arsenic	25	µg/L	6.2 B	4.2 U	7.4 B	6.7 B	3.8 B	3.5 B	2.2 U	4 B	1.6 U	5 B	5.7 B	4.7 B	4.7 B	3 B	2.4 B	3.5 B	3.2 B	4.2 U	5.4 B	10 U
7440-39-3	Barium	1000	µg/L	63.4 B	37.3 B	43.2 B	76.9 B	71.6 B	68.2 B	210	114 B	44.7 B	48.4 B	60 B	50.6 B	48.5 B	37.6 B	39.4 B	310	34.8	39	169	35.5
7440-41-7	Beryllium	3 (G)	µg/L	0.06 U	0.07 U	0.12 U	0.07 U	0.14 B	0.06 B	0.14 U	0.3 B	0.08 U	0.1 U	0.13 B	0.01 U	0.05 U	0.12 U	0.08 U	0.46 U	U	0.38 B	0.33 U	2 U
7440-43-9	Cadmium	5	µg/L	0.24 U	0.3 U	0.49 U	0.43 U	0.42 U	0.3 U	0.28 U	0.25 U	0.24 U	0.37 U	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U	0.28 U	U	0.36 U	0.33 U	1 U
7440-70-2	Calcium	NS	µg/L	117000	93700	98600	171000	156000	135000	70400	147000	109000	135000	144000	104000	116000	88400	99000	539000	83700	61800	67500	74400 B
7440-47-8	Chromium	50	µg/L	1.1 U	1.2 U	1.6 U	2.8 U	1.4 U	5 BE	4 B	0.9 U	0.94 U	1.4 B	0.93 U E	1.2 U	1.6 U	1.7 U	2.1 U	6.6 B	U	0.84 U	1.5 B	0.9 J
7440-48-4	Cobalt	NS	µg/L	1.1 U	1.2 U	2.3 U	2.3 U	1.6 U	1.7 U	0.96 U	0.86 U	0.93 U	1.1 B	1.2 U	1.6 U	1.4 U	2 U	1.9 U	1.2 U	U	0.89 U	1.1 U	4 U
7440-50-8	Copper	200	µg/L	2 B	1.7 B	0.84 U	2.1 B	0.96 B	1.2 B	1.3 B	4.1 B	0.7 B	0.88 B	6.2 B	2.8 B	1.8 B	2.1 U	0.94 U	3.8 B	3.8 B	2.9 B	1.5 B	2.8 J
7439-89-6	Iron	300	µg/L	61.4 B	170	99.1 B	47.9 B	46.7 B	134	2640	491	92.8 B	52.1 B	960	96.8 B	438	34.6 B	42.8 B	8190	705	42.3 B	6210	78
7439-92-1	Lead	25	µg/L	1 U	1.1 U	1.8 U	2.1 U	1.1 U	1.3 U	1.2 B	1.7 B	0.66 U	1.5 U	1.8 U N	0.78 U	1.3 U	1.7 U	0.59 B	0.77 U	U	2.9 U	2.9 U	5 U
7439-95-4	Magnesium	35000 (G)	µg/L	676 B	4130 B	671 B	18.9 B	10.5 U	34.7 B	14300	544 B	469 B	80.7 B	223 B	135 B	175 B	18.5 U	33.5 B	3320 B	70.1 B	77.5 B	15300	200 U
7439-96-5	Manganese	300	µg/L	0.4 B	3.2 B	0.62 B	0.52 U	0.27 U	1.6 B	1140	69.5	7.2 B	1.8 U	34.9	3.3 B	27.7	0.31 U	2.6 B	1510	3.9 BE	0.45 B	1060	0.6 J
7439-97-6	Mercury	0.7	µg/L	0.14 U	0.2 U	0.09 U	0.15 U	0.11 U	0.11 U	0.11 U	0.17 U	0.18 U	0.15 U	0.12 U	0.02 U	0.05 U	0.02 U	0.05 B	0.025 B	0.011 B	0.12 U	0.12 U	0.2 U
7440-02-0	Nickel	100	µg/L	2.5 B	0.8 U	1.4 B	1.4 B	2.3 B	6.7 BE	4 B	2.1 B	1.8 B	3.7 B	1.4 U	1.6 U	1.2 U	1.2 B	1.8 B	55.4	3.1 B	1.2 U	2.9 B	1.8 J
7440-09-7	Potassium	NS	µg/L	43700	29900	33900	36200	45600	43500	20800	42100 E	47200	49400	42200	40400	44300	36900	40900	49200	38100	36400	18800	39700
7782-49-2	Selenium	10	µg/L	8.3	4 U	4.8 U	2 U	3.6 U	3.4 B	3.7 U	10.4	3.4 B	4.5 B	3.3 B	4.4 B	6.6	4.4 B	2.2 U	2.2 U	U	7.7 B	6.1 U	15 U
7440-22-4	Silver	50	µg/L	0.65 B	0.6 U	1.1 U	1.2 U	1 U	0.78 U	0.75 U	0.73 U	0.73 U	1 B	1.8 U	1.2 U	1.1 U	1.6 U	1.6 U	0.53 U	U	1.3 B	1.3 U	3 U
7440-23-5	Sodium	20000	µg/L	47000	31000	40200	33300	43700	45900 E	114000	48100	68100	64100	63200 E	50900	64400	50100	63400	68500	57400	44900	78300	56700
7440-28-0	Thallium	0.5 (G)	µg/L	3.3 U	3.4 U	7.4 U	5.5 U	3.8 U	5.1 U	4.9 U	3.7 U	3.6 U	5.1 U	4.8 U	3.6 U	4 U	4.8 U	4.8 U	3.2 U	7 U	5.9 U	5.9 U	20 U
7440-62-2	Vanadium	NS	µg/L	21.2 B	10.1 B	11.3 B	8.1 B	13.9 B	34.9 BE	1.1 B	55.6	19 B	24.8 B	14 B	44.8 B	14.6 B							

Appendix B-3
Sump S-3
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-3 G5120	S-3 H0920	S-3 H7393	S-3 J8339	S-3 M0189	S-3 N4873	S-3 Q3848	S-3 R7148	S-3 S7282	S-3 T6807	S-3 V4307	S-3 Z9835	S-3 A7428	S-3 B4290	S-3 E1070	S-3 0508015-005A	S-3 0603095-004A	S-3 A7E985013	S-3 A8E30607	S-3 RSI0312-03
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/18/1998	OBG 7810 Water 5/27/1998	OBG 9571 Water 10/21/1998	OBG 1489 Water 4/19/1999	OBG 3856 Water 11/8/1999	OBG 5490 Water 4/26/2000	OBG 7645 Water 12/13/2000	OBG 9259 Water 6/19/2001	OBG 724 Water 12/11/2001	OB 2494 Water 6/17/2002	OB 4203 Water 12/19/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/7/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RSI0296 Water 9/9/2009
CAS NO.	COMPOUND		UNITS:																				
	VOLATILES																						
67-64-1	Acetone	50 (G)	µg/L	10 U	7 J	10 U	6 J	5 J	10 U	10 U	7 J	4 J	10 U	10 U	4 JB	10 U	10 U	3 JB	5 BJ	2 BJ	20 U	12 U	2.1 J
71-43-2	Benzene	1	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	4 U	1 U
78-93-3	2-Butanone	50	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	20 U	12 U	5 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10 U	8 J	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	4 U	1 U
108-90-7	Chlorobenzene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	3 J	4 U	1 U
75-00-3	Chloroethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	4 U	1 U
67-66-3	Chloroform	7	µg/L																10 U		4 U	4 U	1 U
74-87-3	Chloromethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		4 U	4 U	1 U
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	2 J	10 U	3 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	4 U	4 U	1.5
156-59-2	cis-1,2-Dichloroethene	5	µg/L				10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.5 J	U	4 U	4 U	
156-60-5	trans-1,2-Dichloroethene	5	µg/L				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			4 U	4 U	
540-59-0	1,2-Dichloroethene (total)	5	µg/L	2 J	2 J	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	4 U	2 U
100-41-4	Ethylbenzene	5	µg/L	10 U	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	4 U	1 U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1 J	10 U	10 U	1 J	20 U	12 U	5 U	
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	2 J	1 J B	10 U	10 U	10 U	10 U	2 JB	1 J	1 JB	0.5 J	10 U	0.7 JB	0.8 BJ	1 BJ	4 U	4 U	1 U
100-42-5	Styrene	5	µg/L																10 U		4 U	4 U	1 U
127-18-4	Tetrachloroethene	5	µg/L	1 J	2 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	4 U	1 U
108-88-3	Toluene	5	µg/L	1 J	17	4 J	10 U	1 J	10 U	10 U	10 U	1 J	0.7 J	10 U	10 U	0.7 J	10 U	0.8 J	1 J	U	4 U	4 U	1 U
79-01-6	Trichloroethene	5	µg/L	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	U	4 U	4 U	1 U
75-01-4	Vinyl chloride	3	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	4 U	4 U	1 U
1330-20-7	Xylene (total)	5	µg/L	3 J	25	9 J	10 U	4 J	3 J	4 J	2 J	4 J	2 J	3 J	10 U	1 J	0.9 J	1 J	2 J	U	12 U	12 U	1 J
	Total VOCs			9	60	16	8	26	7	6	11	11	6.7	6	6	4.2	2.9	9.5	11.3	6	3	U	4.6
	SEMIVOLATILES																						
83-32-9	Acenaphthene	20 (G)	µg/L	10 U	10 U	10 U	10 U	3 J	2 J	10 U	10 U	1 J	10 U	10 U	10 U	500 U	10 U	1 J	10 U		0.5 J	0.6 J	4.9 U
208-96-8	Acenaphthylene	NS	µg/L	10 U	10 U	10 U	10 U	4 J	2 J	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U		0.2 J	0.4 J	4.9 U
120-12-7	Anthracene	50(G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		5 U	5 U	4.9 U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	5 J	1.3 J	U	0.2 J	5 U	4.9 U
50-32-8	Benzo[a]pyrene	ND	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	1.9 J	1 J	5 U	5 U	4.9 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	5 U	5 U	4.9 U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	10 U	10 U	7 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J	15 J	18	6 J	5 U	5 U	4.9 U
86-74-8	Carbazole	NS	µg/L	10 U	10 U	10 U	10 U	2 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	U	5 U	0.5 J	4.9 U
59-50-7	4-Chloro-3-methylphenol	1	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
218-01-9	Chrysene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
84-74-2	Di-n-butyl phthalate	50	µg/L																	1 J	0.3 BJ	0.7 BJ	4.9 U
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 UJ	10 U		5 U	5 U	4.9 U
132-64-9	Dibenzofuran	NS	µg/L	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U		5 U	0.3 J	4.9 U
541-73-1	1,3-Dichlorobenzene	3	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U		5 U	5 U	9.8 U
106-46-7	1,4-Dichlorobenzene	3	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	U	5 U	5 U	9.8 U
120-83-2	2,4-Dichlorophenol	1	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U		10 U	5 U	4.9 U
84-66-2	Diethyl phthalate	50 (G)	µg/L																10 U		5 U	0.8 BJ	4.9 U
105-67-9	2,4-Dimethylphenol	1	µg/L	43	54	43	10 U	28	13	12	4 J	14	10	19	10 U	500 U	6 J	13	28	26	5 U	5 U	11
131-11-3	Dimethyl phthalate	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U		5 U	5 U	4.9 U
206-44-0	Fluoranthene	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J	7 J	1.5 J	U	0.3 BJ	0.4 BJ	4.9 U
86-73-7	Fluorene	50 (G)	µg/L	10 U	10 U	10 U	10 U	2 J	2 J	10 U	1 J	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U		0.4 J	0.6 J	4.9 U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	2 J	10 U	U	5 U	5 U	4.9 U
91-57-6	2-Methylnaphthalene	NS	µg/L	1 J	2 J	2 J	10 U	4 J	2 J	10 U	10 U	10 U	10 U	1 J	10 U	500 U	10 U	10 U	1 J	U	0.3 J	0.6 BJ	4.9 U
95-48-7	2-Methylphenol	1	µg/L	16	19	15	10 U	10 J	8 J	6 J	2 J	10	10 U	14	10 U	500 U	1 J	10 U	8.4 J	9 J	0.6 J	3 J	3.5 J
106-44-5	4-Methylphenol	1	µg/L	49	58	44	10 U	25	20	15	10 U	22	3 J	33	10 U	500 U	4 J	10 U	19	21	1 J	6	7.4 J
91-20-3	Naphthalene	10 (G)	µg/L	3 J	6 J	5 J	10 U	40	13	6 J	10 U	5 J	4 J	7 J	10 U	500 U	10 U	10 U	4 J	4 J	1 J	2 BJ	1.2 J
100-02-7	4-Nitrophenol	1	µg/L																		5 U	5 U	9.8 U
85-01-8	Phenanthrene	50 (G)	µg/L	10 U	10 U	1 J	10 U	2 J	2 J	10 U	10 U	1 J	1 J	10 U	10 U	500 U	10 U	26 U	25 U		0.8 J	0.9 BJ	4.9 U
108-95-2	Phenol	1	µg/L	6 J	18	5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
129-00-0	Pyrene	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	290 JD	3 J	17	8.6 J	U	0.2 J	0.2 J	4.9 J
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U		10 U	5 U	9.8 U
	Total SVOCs			117	157	122	ND	122	85	38	7	53	18	74	ND	1108	21	81	96	73	9.8	14	23.1

Appendix B-3
Sump S-3
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-3 G5120	S-3 H0920	S-3 H7393	S-3 J8339	S-3 M0189	S-3 N4873	S-3 Q3848	S-3 R7148	S-3 S7282	S-3 T6807	S-3 V4307	S-3 Z9835	S-3 A7428	S-3 B4290	S-3 E1070	S-3 0508015-005A	S-3 0603095-004A	S-3 A7E985013	S-3 A8E30607	S-3 RSI0312-03	
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/18/1998	OBG 7810 Water 5/27/1998	OBG 9571 Water 10/21/1998	OBG 1489 Water 4/19/1999	OBG 3856 Water 11/8/1999	OBG 5490 Water 4/26/2000	OBG 7645 Water 12/13/2000	OBG 9259 Water 6/19/2001	OBG 724 Water 12/11/2001	OB 2494 Water 6/17/2002	OB 4203 Water 12/19/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/7/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RSI0296 Water 9/9/2009	
CAS NO.	COMPOUND		UNITS:																					
	PESTICIDES																							
309-00-2	Aldrin	ND	µg/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U	0.0029 JP	0.002 JP	0.051 U	0.051 U	0.036 JP	0.052 U	0.25 U	0.051 U			0.0039 PJ	0.05 U	0.049 U	0.05 U	
319-84-6	alpha-BHC	0.01	µg/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	0.051 U	0.052 U	0.25 U	0.051 U		0.0015 PJ	0.05 U	0.049 U	0.05 U		
319-85-7	beta-BHC	0.04	µg/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	0.0053 JP	0.052 U	0.25 U	0.024 JP		0.026 PJ	0.0093 PJ	0.05 U	0.049 U	0.05 U	
319-86-8	delta-BHC	0.04	µg/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	0.051 U	0.052 U	0.25 U	0.051 U		0.05 U	U	0.05 U	0.049 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	0.051 U	0.052 U	0.25 U	0.017 JP	0.041 JP	0.021 PJ	0.018 PJ	0.03 J	0.049 U	0.026 J	
5103-71-9	alpha-Chlordane	0.05	µg/L	0.05 U	0.051 U	0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U	0.051 U	0.051 U	0.052 U	0.39 P	0.051 U		0.05 U	0.05 U	0.05 U	0.049 U	0.05 U	
5103-74-2	gamma-Chlordane	0.05	µg/L	0.05 U	0.051 U	0.019 JP	0.003 JP	0.00072 BJP	0.0032 JP	0.051 U	0.051 U	0.051 U	0.012 JP	0.051 U	0.13 P	0.25 U	0.051 U	0.051 U	0.0022 PJ	U	0.012 J	0.049 U	0.05 U	
72-54-8	4,4'-DDD	0.3	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.00049 JP	0.1 U	0.0013 JP	0.0032 JP	0.1 U	0.1 U	0.1 U	0.1 U	8 P	0.1 U	0.1 U	0.1 U	U	0.05 U	0.049 U	0.05 U	
72-55-9	4,4'-DDE	0.2	µg/L	0.1 U	0.1 U	0.0047 JP	0.0024 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.18 P	2.8 P	0.092 JP	0.1	0.26	0.12 P	0.05 U	0.049 U	0.05 U	
50-29-3	4,4'-DDT	0.2	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.00077 JP	0.1 U	0.1 U	0.0052 JP	0.1 U	0.0058 J	0.0097 JP	0.1 U	0.5 U	0.1 U	0.1 U	0.05 U	0.05 U	0.041 J	0.028 J	0.05 U	
60-57-1	Dieldrin	0.004	µg/L	0.1 U	0.1 U	0.0044 JP	0.1 U	0.00047 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.018 J	0.1 U	0.21	2.4 P	0.1 U	0.092 BJP	U	0.023 J	0.049 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	NS	µg/L	0.05 U	0.051 U	0.0032 JP	0.05 U	0.05 U	0.05 U	0.05 U	0.0078 JP	0.051 U	0.0038 JP	0.0064 JP	0.059 P	2.2 P	0.025 JP	0.033 JP	0.062 P	0.035 PJ	0.005 J	0.051	0.05 U	
33213-65-9	Endosulfan II	NS	µg/L	0.1 U	0.0059 J	0.1 U	0.005 JP	0.00084 JP	0.0023 J	0.1 U	0.1 U	0.008 JP	0.1 U	0.1 U	0.1 U	1.6 P	0.1 U	0.0067 JP	0.1 U	0.05 U	0.049 U	0.05 U	0.05 U	
1031-07-8	Endosulfan sulfate	NS	µg/L	0.1 U	0.0017 JP	0.068 JP	0.0069 BJP	0.0014 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.021 PJ	0.0057 PJ	0.05 U	0.049 U	0.05 U	
72-20-8	Endrin	ND	µg/L	0.1 U	0.1 U	0.36 P	0.1 U	0.1 U	0.1 U	0.1 U	0.0087 J	0.1 U	0.012 JP	0.1 U	0.1 U	0.5 U	0.1 U	0.066 JP	0.095 PJ	0.066 J	0.05 U	0.049 U	0.05 U	
7421-93-4	Endrin aldehyde	5	µg/L	0.1 U	0.1 U	0.1 U	0.0075 J	0.0016 J	0.1 U	0.1 U	0.0061 J	0.1 U	0.011 BJP	0.1 U	0.07 JP	0.72 BP	0.1 U	0.11 P	0.087 PJ	U	0.05 U	0.049 U	0.05 U	
53494-70-5	Endrin ketone	5	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.003 JP	0.1 U	0.003 JP	0.1 U	0.1 U	0.5 U	0.1 P	0.1 U	0.009 PJ	0.0072 PJ	0.05 U	0.049 U	0.05 U	
76-44-8	Heptachlor	0.04	µg/L	0.05 U	0.0082 JP	0.051 U	0.05 U	0.05 U	0.05 U	0.05 U	0.051 U	0.051 U	0.0017 JP	0.0046 J	0.052 U	0.85 P	0.041 JP	0.07 P	0.092 P	U	0.023 J	0.08	0.016 J	
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.05 U	0.051 U	0.051 U	0.00073 J	0.0026 JP	0.05 U	0.05 U	0.051 U	0.051 U	0.002 JP	0.051 U	0.052 U	0.2 JP	0.051 U	0.051 U	0.29 P	U	0.05 U	0.049 U	0.05 U	
72-43-5	Methoxychlor	35	µg/L	0.5 U	0.51 U	0.51 U	0.5 U	0.5 U	0.5 U	0.5 U	0.51 U	0.51 U	0.51 U	0.51 U	0.52 U	2.5 U	0.51 U	0.51 U	0.038 PJ	0.068 PJ	0.05 U	0.049 U	0.05 U	
Total Pesticides				ND	0.0158	0.4593	0.02553	0.00889	0.055	0.0042	0.033	0.008	0.0693	0.062	0.649	19.16	0.2774	0.5387	1.0047	0.3331	0.093	0.172	0.07	
	PCBs																			U	0.51 U	0.5 U	0.5 U	
12674-11-2	Aroclor-1016	Sum PCBs of 0.09	µg/L																		0.39 J	0.44 J	0.5 U	
53469-21-9	Aroclor-1242		µg/L																					
12672-29-6	Aroclor-1248		µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	13	130 P	5.2 P	1 U	14	4.8 P	0.51 U	0.5 U	0.5 U	
11096-82-5	Aroclor-1260		µg/L	1 U	1 U	0.82 JP	1 U	0.52 JP	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	2.1	0.51 U	0.5 U	0.5 U	0.5 U	
Total PCBs				ND	ND	0.82	ND	0.52	ND	ND	ND	ND	ND	ND	19	182	7.3	8.2	21	6.9	0.39	0.44	ND	
	INORGANICS																							
7429-90-5	Aluminum	NS	µg/L	620	415	460	100 B	298	382	443	280 E	534	556	388	497	536	489	343	397	271	474	496	309 B	
7440-36-0	Antimony	3	µg/L	10.7 B	2.8 B	5.3 B	12.6 B	5.1 B	4.7 B	3.4 B	8.2 B	4.6 B	3.2 B	2.8 B	3.8 B	2 B	3.2 B	6.2 B	2.6 B	3.2 B	5.6 U	5.5 U	20 U	
7440-38-2	Arsenic	25	µg/L	9.2 B	4.2 U	9.3 B	4.9 B	3.8 B	4.4 B	4.3 B	2.6 B	3.3 B	4.2 B	3.6 B	4.8 B	3.7 B	2.6 B	4.9 B	5.2 B	4.4 B	5.7 B	7.9 B	10 B	
7440-39-3	Barium	1000	µg/L	55.2 B	51.2 B	44.4 B	54.8 B	56.6 B	50.3 B	52.3 B	64 B	40 B	38.5 B	32.8 B	36.6 B	37.6 B	31.1 B	34.6 B	36.1 B	29 B	34.9	34.9	27.8	
7440-41-7	Beryllium	3 (G)	µg/L	0.06 U	0.07 U	0.12 U	0.07 U	0.13 U	0.18 B	0.14 U	0.26 B	0.08 U	0.1 U	0.13 U	0.01 U	0.05 U	0.12 U	0.08 U	0.046 U	U	0.38 B	0.4 B	2 U	
7440-43-9	Cadmium	5	µg/L	0.24 U	0.3 U	0.49 U	0.43 U	0.42 U	0.3 U	0.28 U	0.25 U	0.24 U	0.37 U	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U	0.28 U	U	0.36 U	0.33 U	1 U	
7440-70-2	Calcium	NS	µg/L	126000	136000	113000	112000	151000	145000	169000	201000	145000	132000	106000	91800	107000	85100	93600	86300	72800	63000	74100	59100 U	
7440-47-8	Chromium	50	µg/L	1.1 U	1.2 U	1.6 U	2.8 U	1.4 U	0.54 UE	1.1 U	0.9 U	0.94 U	0.89 U	0.93 U E	1.2 U	1.6 U	1.7 U	2.1 U	1.2 U	U	1.6 B	1.3 B	4 U	
7440-48-4	Cobalt	NS	µg/L	1.1 U	1.2 U	2.3 U	2.3 U	1.6 U	1.7 U	0.96 U	0.86 U	0.93 U	0.72 U	1.2 U	1.6 U	1.4 U	2 U	1.9 U	1.2 U	U	0.89 U	1.1 U	4 U	
7440-50-8	Copper	200	µg/L	1.4 B	1.4 B	1 B	4.6 B	1.1 B	0.54 U	0.75 B	1.4 B	0.49 U	0.46 U	1.3 U	0.89 U	1.2 B	2.1 U	1.1 B	0.72 U	U	1.3 U	1.6 B	10 U	
7439-89-6	Iron	300	µg/L	67.1 B	21.6 B	41.6 B	708	62.3 B	75.8 B	61.6 B	61.4 B	127	40.7 B	36.6 B	61.7 B	127	120	86.6 B	86 B	153	20.5 B	118	26 J	
7439-92-1	Lead	25	µg/L	1 U	1.1 U	1.8 U	2.1 U	1.1 U	1.3 U	1.1 U	1.7 B	0.66 U	1.5 U	1.8 U N	0.78 U	1.3 U	1.7 U	1 B	0.77 U	U	2.9 U	2.9 U	5 U	
7439-95-4	Magnesium	35000 (G)	µg/L	27.4 B	53.6 B	14.7 U	546 B	46.8 B	60.7 B	121 B	2140 B	282 B	213 B	317 B	152 B	131 B	182 B	532 B	72.7 B	343 B	557	193 B	56 J	
7439-96-5	Manganese	300	µg/L	0.7 B	0.2 U	0.29 U	14.8 B	0.27 U	0.39 B	0.15 U	4.1 B	8.2 B	1.8 U	6.6 B	0.92 B	4.5 B	5.1 B	2.4 B	0.45 B	0.72 BE	0.79 B	0.94 B	1 J	
7439-97-6	Mercury	0.7	µg/L	0.14 U	0.2 U	0.09 U	0.15 U	0.11 U	0.11 U	0.11 U	0.17 U	0.18 U	0.15 U	0.12 U	0.02 U	0.06 B	0.02 U	0.04 U	0.027 B	U	0.12 U	0.12 U	0.2 U	
7440-02-0	Nickel	100	µg/L	2.5 B	1.1 B	2.4 B	1.9 B	2.5 B	2.8 BE	3.1 U	2.1 B	2.3 B	3.2 B	1.4 U	1.6 U	1.2 U	3.4 B	10.3 B	5.5 B	4 B	2.2 B	2 B	2.6 J	
7440-09-7	Potassium	NS	µg/L	53000	44700	47400	NS	38500	47100	48500	54100	53600 E	49900	48800	43100	41300	44600	37400	44700	47000	39400	38700	39700	41000
7782-49-2	Selenium	10	µg/L	8.1	4 U	4.8 U	2 U	3.6 U	5.3	3.7 U	26	3.6 B	4.4 B	2.5 B	2.8 B	6	3.3 B	2.2 U	2.2 U	3.3 B	12.3 B	6.1 U	15 U	
7440-22-4	Silver	50	µg/L	0.85 B	0.6 U	1.1 U	1.2 U	1 U	0.78 U	0.75 U	0.73 U	0.73 U	1 U	1.8 U	1.2 U	1.1 U	1.6 U	1.6 U	0.53 U	1.2 B	1.5 B	1.3 U	3 U	
7440-23-5	Sodium	20000	µg/L	51500	45600	49400	32500	44300	46200 E	61300	54200	72400	63600	64700 E	55900	64800	52200	70400	67000	60700	48900	61500	58500	
7440-28-0	Thallium	0.5 (G)	µg/L	3.3 U	3.4 U	7.4 U	5.5 U	3.8 U	5.1 U	4.9 U	3.7 U	3.6 U	5.1 U	4.8 U	3.6 U	4 U	4.8 U	4.8 U	3.2 U	7 U	5.9 U	20 U	20 U	
7440-62-2	Vanadium	NS	µg/L	20.9 B	13.1 B	14.2 B	5.5 B	16.5 B	12.6 BE	15.1 B	45 B	19.2 B	15.7 B	16.9 B	27.5 B									

Appendix B-3
Sump S-4
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-4 G5118	S-4 H1025	S-4 H7398	S-4 M0297	S-4 N5018	S-4 Q4028	S-4 R7178	S-4 S7279	S-4 T6910	S-4 V4635	S-4 Z7445	S-4 A7427	S-4 B4293	S-4 E1191	S-4 0508015-002A	S-4 0603095-005A	S-4 A7E985013	S-4 A8E30608	S-4 RSI0312-04
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6857 Water 2/20/1998	OBG 7810 Water 5/28/1998	OBG 1516 Water 4/21/1999	OBG 3880 Water 11/10/1999	OBG 5512 Water 4/28/2000	OBG 7645 Water 12/14/2000	OBG 9259 Water 6/19/2001	OBG 739 Water 12/12/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/23/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/9/2004	OB 6968 Water 8/1/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RSI0296 Water 9/9/2009
CAS NO.	COMPOUND		UNITS:																			
	VOLATILES																					
67-64-1	Acetone	50 (G)	µg/L	10 U	2 J	10 U	6 J	10 U	10 U	3 J	4 J	10 U	10 U	2 JB	10 U	10 U	3 JB	3 BJ	3 BJ	5 U	5 U	5 U
71-43-2	Benzene	1	µg/L	6 J	10 U	1 J	5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J		0.8 J	0.9 J	1 U	1 U	0.87 J
78-93-3	2-Butanone	50	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			1 U	5 U	5 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			1 U	1 U	1 U
108-90-7	Chlorobenzene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		1 U	1 U	1 U
75-00-3	Chloroethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			1 U	1 U	1 U
67-66-3	Chloroform	7	µg/L															10 U		1 U	1 U	1 U
74-87-3	Chloromethane	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	5	µg/L	10 U	10 U	10 U	8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1 J	0.6 J	1 J	1 J	1 U	1 U	1.3
156-59-2	cis-1,2-Dichloroethene	5	µg/L				9 J		10 U	10 U	10 U	10 U	10 U	10 U	1 J	2 J	0.8 J	2 J	2 J	1 U	1 U	
156-60-5	trans-1,2-Dichloroethene	5	µg/L				2 J		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				1 U	1 U	
540-59-0	1,2-Dichloroethene (total)	5	µg/L	3 J	10 U	10 U	11	10 U	10 U	1 J										1 U	1 U	1.9 J
100-41-4	Ethylbenzene	5	µg/L	10 U	10 U	10 U	7 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		0.9 BJ	U	1 U	1 U	1.5
108-10-1	4-Methyl-2-pentanone	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			1 U	5 U	5 U
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	2 J B	10 U	10 U	10 U	10 U	1 JB	1 J	0.9 JB	10 U	1 JB	0.7 JB	0.9 BJ	1 BJ	1 U	1 U	1 U
100-42-5	Styrene	5	µg/L															10 U		1 U	1 U	1 U
127-18-4	Tetrachloroethene	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		0.6 J	0.5 J	1 U	1 U	0.72 J
108-88-3	Toluene	5	µg/L	1 J	10 U	10 U	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	2 J	1 U	1 U	1.4
79-01-6	Trichloroethene	5	µg/L	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		0.8 J	1 U	1 U	0.7 J
75-01-4	Vinyl chloride	3	µg/L	10 U	10 U	10 U	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			1 U	1 U	1 U
1330-20-7	Xylene (total)	5	µg/L	2 J	10 U	10 U	24	10 U	10 U	1 J	10 U	10 U	10 U	0.5 J	2 J	5 J	1 J	5 J	12	3 U	3 U	9.7
	Total VOCs			13	2	1	92	ND	ND	5	4	1	1	3.4	4	10	6.1	15.2	24.2	ND	ND	18.09
	SEMIVOLATILES																					
83-32-9	Acenaphthene	20 (G)	µg/L	8 J	10 U	6 J	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		5 U	0.2 J	4.9 U
208-96-8	Acenaphthylene	NS	µg/L	4 J	10 U	5 J	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J		5 U	0.2 J	4.9 U
120-12-7	Anthracene	50(G)	µg/L	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		5 U	5 U	4.9 U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
50-32-8	Benzo[a]pyrene	ND	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	5 U	5 U	4.9 U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	10 U	10 U	10 U	10 U	10 U	2 J	2 J	4 J	10 U	5 J	10 U	10 U	10 U	10 U	1 J	2 J	5 U	5 U	4.9 U
86-74-8	Carbazole	NS	µg/L	4 J	10 U	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1 J	5 U	0.5 J	1.3 J
59-50-7	4-Chloro-3-methylphenol	1	µg/L	10 U	10 U	10 U	5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		5 U	5 U	4.9 U
218-01-9	Chrysene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
84-74-2	Di-n-butyl phthalate	50	µg/L																U	0.3 BJ	0.5 BJ	4.9 U
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		5 U	5 U	4.9 U
132-64-9	Dibenzofuran	NS	µg/L	4 J	10 U	5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J		5 U	5 U	4.9 U
541-73-1	1,3-Dichlorobenzene	3	µg/L	10 U	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	5 U	9.7 U
106-46-7	1,4-Dichlorobenzene	3	µg/L	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	5 U	9.7 U
120-83-2	2,4-Dichlorophenol	1	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U			5 U	5 U	4.9 U
84-66-2	Diethyl phthalate	50 (G)	µg/L															10 U		5 U	0.6 BJ	4.9 U
105-67-9	2,4-Dimethylphenol	1	µg/L	4 J	10 U	18	51	2 J	10 U	10 U	10 U	10 U	10 U	1 J	3 J	3 J	11	39	46	5 U	5 U	21
131-11-3	Dimethyl phthalate	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
206-44-0	Fluoranthene	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		5 U	5 U	4.9 U
86-73-7	Fluorene	50 (G)	µg/L	6 J	10 U	6 J	1 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	2 J		5 U	0.3 J	4.9 J
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	5 U	5 U	4.9 U
91-57-6	2-Methylnaphthalene	NS	µg/L	6 J	10 U	5 J	2 J	10 U	10 U	10 U	10 U											

Appendix B-3
Sump S-4
Historically Detected Compounds

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	S-4 G5118	S-4 H1025	S-4 H7398	S-4 M0297	S-4 N5018	S-4 Q4028	S-4 R7178	S-4 S7279	S-4 T6910	S-4 V4635	S-4 Z7445	S-4 A7427	S-4 B4293	S-4 E1191	S-4 0508015-002A	S-4 0603095-005A	S-4 A7E985013	S-4 A8E30608	S-4 RSI0312-04
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6857 Water 2/20/1998	OBG 7810 Water 5/28/1998	OBG 1516 Water 4/21/1999	OBG 3880 Water 11/10/1999	OBG 5512 Water 4/28/2000	OBG 7645 Water 12/14/2000	OBG 9259 Water 6/19/2001	OBG 739 Water 12/12/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/23/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/9/2004	OB 6968 Water 8/1/2005	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	BM A08-E150 Water 11/10/2008	BM RSI0296 Water 9/9/2009
CAS NO.	COMPOUND		UNITS:																			
PESTICIDES																						
309-00-2	Aldrin	ND	µg/L	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.0021 JP	0.05 U	0.05 U	0.051 U	0.0091 JP	0.053 U	0.05 U	0.053 U			U	0.05 U	0.05 U	0.05 U
319-84-6	alpha-BHC	0.01	µg/L	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.0016 J	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.0091 J				0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	0.04	µg/L	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.05 U			0.0047 PJ	U	0.05 U	0.05 U
319-86-8	delta-BHC	0.04	µg/L	0.05 U	0.05 U	0.051 U	0.008 JP	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.05 U			0.051 U	U	0.05 U	0.039 BJ
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.0011 JP	0.0021 JP	0.051 U	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.05 U	0.012 JP	0.0031 JP	0.0086 PJ	0.018 PJ	0.03 J	0.041 J
5103-71-9	alpha-Chlordane	0.05	µg/L	0.05 U	0.0036 JP	0.051 U	0.012 JP	0.0049 JP	0.051 U	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.05 U	0.053 U		0.051 U	0.011 J	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	µg/L	0.05 U	0.05 U	0.011 JP	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.0062 JP	0.053 U	0.021 BJP	0.02 PJ	U	0.05 U	0.012 J
72-54-8	4,4'-DDD	0.3	µg/L	0.1 U	0.0045 JP	0.1 U	0.0047 JP	0.1 U	0.0047 JP	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.0099 JP	0.01 U	U	0.05 U	0.048 J
72-55-9	4,4'-DDE	0.2	µg/L	0.1 U	0.017 J	0.1 U	0.1 U	0.011 JP	0.01 J	0.0036 J	0.0028 BJP	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.013 J	0.019 J	U	0.039 J	0.021 J
50-29-3	4,4'-DDT	0.2	µg/L	0.1 U	0.0085 JP	0.1 U	0.022 BJP	0.0071 JP	0.003 JP	0.0021 JP	0.1 U	0.1 U	0.11 U	0.11 U		0.0026 JP	0.11 U	0.008 J	0.051 U	0.046 J	0.04 J	0.05 U
60-57-1	Dieldrin	0.004	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0037 JP	0.11 U	0.11 U		0.0097 J	0.11 U		0.0045 BJP	0.1 U	0.0027 J	0.023 J
959-98-8	Endosulfan I	NS	µg/L	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.0099 JP	0.053 U	0.011 JP	0.051 U	U	0.005 J	0.064
33213-65-9	Endosulfan II	NS	µg/L	0.1 U	0.1 U	0.1 U	0.0079 JP	0.0012 JP	0.0012 JP	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U		0.0052 JP	0.11 U	0.1 U	0.1 U	0.05 U	0.019 J	0.05 U
1031-07-8	Endosulfan sulfate	NS	µg/L	0.1 U	0.1 U	0.0078 JP	0.0023 BJP	0.1 U	0.1 U	0.0032 JP	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.1 U	0.1 U	0.0063 PJ	0.05 U	0.05 U
72-20-8	Endrin	ND	µg/L	0.1 U	0.1 U	0.1 U	0.011 JP	0.1 U	0.1 U	0.011 JP	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.1 U	0.1 U	U	0.05 U	0.029 J
7421-93-4	Endrin aldehyde	5	µg/L	0.1 U	0.1 U	0.1 U	0.0096 JP	0.0037 J	0.1 J	0.0044 J	0.1 U	0.011 BJP	0.11 U	0.11 U		0.0081 BJP	0.11 U	0.013 J	0.1 U	0.0068 PJ	0.05 U	0.05 U
53494-70-5	Endrin ketone	5	µg/L	0.1 U	0.1 U	0.1 U	0.0075 JP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.1 U	0.1 U	0.0023 PJ	0.05 U	0.05 U
76-44-8	Heptachlor	0.04	µg/L	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.05 U	0.05 U	0.051 U	0.053 U	0.053 U		0.0057 J	0.053 U	0.052 U	0.051 U	U	0.019 J	0.031 J
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.05 U	0.05 U	0.051 U	0.025 J	0.0041 JP	0.051 U	0.05 U	0.05 U	0.00066 JP	0.053 U	0.053 U		0.05 U	0.053 U	0.051 U	0.051 U	U	0.05 U	0.05 U
72-43-5	Methoxychlor	35	µg/L	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.51 U	0.5 U	0.5 U	0.51 U	0.53 U	0.53 U		0.5 U	0.53 U	0.75	0.051 U	0.018 PJ	0.05 U	0.05 U
	Total Pesticides			0.0011	0.0357	0.0188	0.11	0.032	0.1179	0.0278	0.0028	0.01536	0.0091	ND	0.0604	0.0211	0.8335	0.0523	0.065	0.173	0.346	0.07
PCBs																						
12674-11-2	Aroclor-1016	Sum PCBs of 0.09	µg/L			1 U																
53469-21-9	Aroclor-1242		µg/L	1 U	1 U	1 U	1.5 P	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	0.95 PJ		0.96 J	.053 U	0.54 U
12672-29-6	Aroclor-1248		µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	0.77 J	1 U	U	.053 U	0.54 U
11096-82-5	Aroclor-1260		µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1 U	U	.053 U	0.54 U	0.51 U
	Total PCBs			ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.77	0.95	.96	0.46	0.54 U	3.5
INORGANICS																						
7429-90-5	Aluminum	NS	µg/L	618	935	329	58.9 B	331	700	202 E	170 B	24.7 B	249	128 B	12.8 B	21.7 B	60.1 B	229	125 B	1920	42.4 B	316 B
7440-36-0	Antimony	3	µg/L	2.6 U	2.6 U	2.9 U	1.6 U	2.5 U	1.9 U	1.7 B	1.4 U	2.1 U	2.3 U	2.1 U	1.7 U	1.4 U	2.3 U	1.3 U	3.1 B	5.6 U	5.5 U	20 U
7440-38-2	Arsenic	25	µg/L	18.4	4.2 U	16.8	1.9 U	5.3 B	2.2 U	2 U	1.6 U	2.6 B	2.3 B	2.7 B	2.4 B	4.4 B	3.3 B	6.9 B	11.1	7.3 B	4.6 B	9.4 J
7440-39-3	Barium	1000	µg/L	41.3 B	40.5 B	54.1 B	68.9 B	40.6 B	18 B	32.1 B	60.3 B	137 B	117 B	17 B	51.2 B	28.8 B	20.4 B	14.1 B	13.7 B	19.3	9.6	19.3
7440-41-7	Beryllium	3 (G)	µg/L	0.06 U	0.07 U	0.12 U	0.13	0.04 U	0.14 U	0.31 B	0.08 U	0.13 B	0.2 B	0.01 U	0.1 B	0.12 U	0.08 U	0.046 U	U	0.49 B	0.52 B	2 U
7440-43-9	Cadmium	5	µg/L	0.24 U	0.3 U	0.49 U	0.5 B	0.3 U	0.28 U	0.25 U	0.24 U	0.37 U	0.31 U	0.37 U	0.35 U	0.35 U	0.39 U	0.28 U	U	0.36 U	0.33 U	1 U
7440-70-2	Calcium	NS	µg/L	84000	74100	134000	456000	153000	58000	151000	139000	208000	134000	112000	307000	196000	156000	109000	114000	34800	54000	121000 B
7440-47-8	Chromium	50	µg/L	1.1 U	3.3 B	1.6 U	2 B	1.6 BE	5.5 B	2.1 B	2.5 B	11.5	3.2 B E	1.2 U	1.6 U	1.7 U	2.1 U	1.2 U	U	2.5 B	1.6 B	1.2 J
7440-48-4	Cobalt	NS	µg/L	1.1 U	1.2 U	2.3 U	1.6 U	1.7 U	1.4 B	0.86 U	0.93 U	0.72 U	1.2 U	1.6 U	1.4 U	2 U	1.9 U	1.2 U	U	0.89 U	1.1 U	4 U
7440-50-8	Copper	200	µg/L	1.8 B	3.2 B	1.2 B	0.49 U	1.8 B	6.7 B	2.6 B	3.2 B	0.46 U	6.3 B	5.4 B	6.8 B	2.1 U	1.7 B	0.72 U	U	4.5 B	13	17.6
7439-89-6	Iron	300	µg/L	774	1070	155	463	411	1230	1100	2700	57300	7860	456	1380	848</						

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
B (organics) = The analyte was found in the associated blank, as well as in the sample
J or B (inorganics) = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
J (organics) = Indicates an estimated value

APPENDIX B-4
Historically Detected Compounds
(Surface Water, 1997-2009)

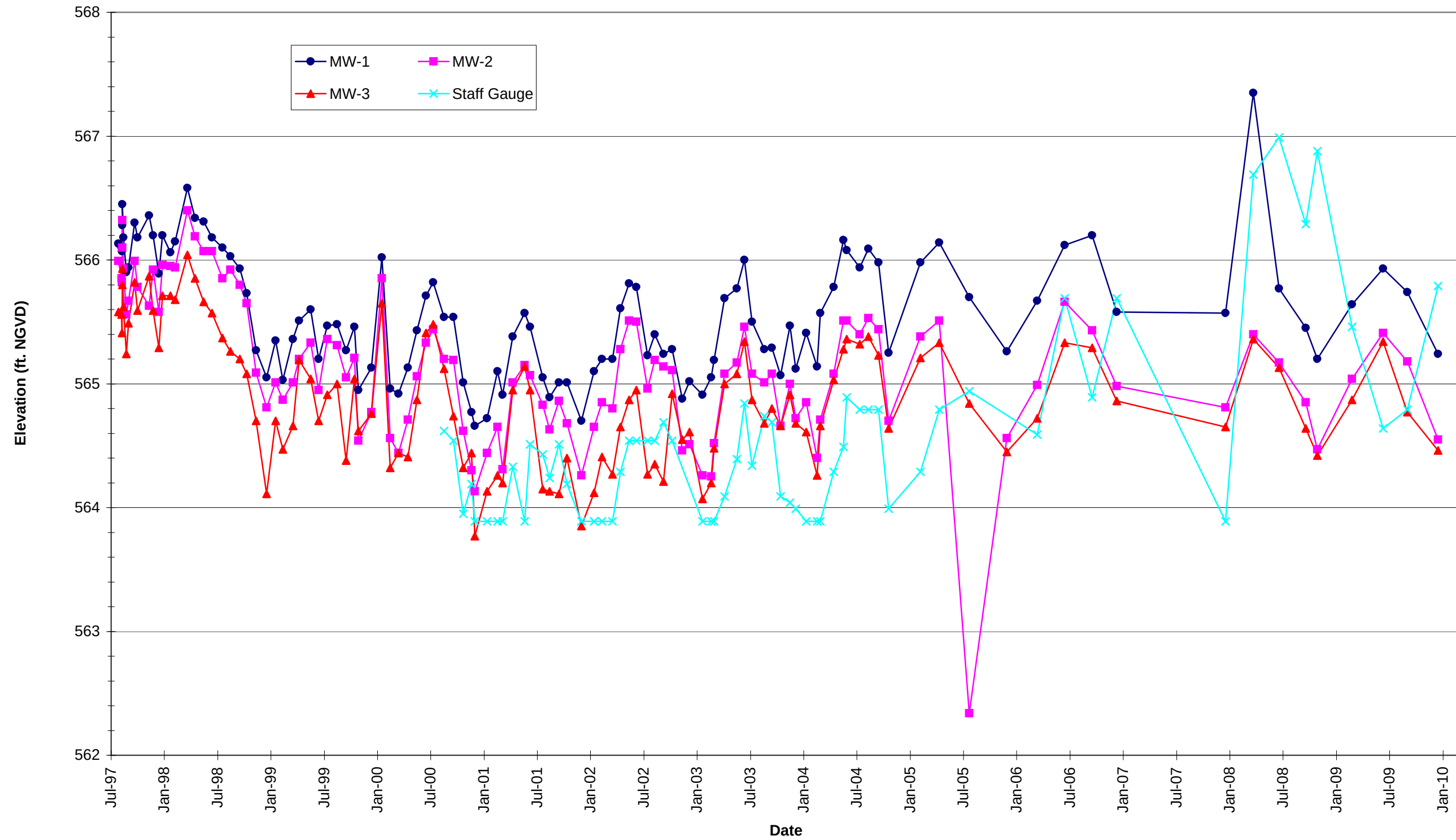
Appendix B-4
Surface Water Collection SW-1 Historically Detected Compounds

Cherry Farm Surface Water Historically Detected Compounds		NYSDEC Class A Surface Water Standards/ Guideline Values	Sample ID: Lab Sample	SW-1 G5192	SW-1 H0921	SW-1 H7401	SW-1 M0192	SW-1 A9751102	SW-1 R7147	SW-1 T7110	SW-1 Z7446	SW-1 B4289	SW-1 E1194	SW-1 0603095-001A	SW-1 A7E985015	SW-2 G5193	SW-3 G5117	SW-3 N4876	SW-3 Q3847
			Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/21/1997	OBG 6847 Water 2/18/1998	OBG 7810 Water 5/28/1998	OBG 1489 Water 4/20/1999	OBG 11090 Water 11/9/1999	OBG 7645 Water 12/13/2000	OBG 764 Water 12/13/2001	OB 4203 Water 12/17/2002	OB 6968 Water 12/16/2003	OB 6968 Water 6/9/2004	LSL-BL 6030950 Water 3/21/2006	BM A07-E985 Water 12/27/2007	OBG 5116 Water 11/21/1997	OBG 5116 Water 11/20/1997	OBG 3856 Water 11/9/1999	OBG 5490 Water 4/26/2000
CAS NO.	COMPOUND		UNITS:																
	VOLATILES																		
67-64-1	Acetone	50 (G)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 JB	10 U	4 JB	2 BJ	20 U	2 J	10 U	10 U	10 U
75-15-0	Carbon disulfide	60 (G)	µg/L	10 U	10 U	10 U	5 J	10 U	10 U	10 U	10 U	10 U	10 U		4 U	10 U	10 U	10 U	10 U
75-09-2	Methylene chloride	5	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	0.6 JB	0.8 JB	2 JB	0.7 JB	1 BJ	4 U	10 U	10 U	10 U	10 U
1330-20-7	Xylene (total)	5	µg/L	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	U	12 U	10 U	10 U	10 U	10 U
	Total VOCs			ND	ND	ND	5	ND	2	0.6	2.8	2	4.7	3	ND	ND	ND	ND	ND
	SEMIVOLATILES																		
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	10 U	10 U	1 J	10 U	9 U	4 J	11 U	11 U	10 U	10 U	U	5 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butyl phthalate	50	µg/L												0.3 BJ				
	Total SVOCs			ND	ND	1	ND	ND	4	ND	ND	ND	ND	ND	0.3	ND	ND	ND	ND
	PESTICIDES																		
309-00-2	Aldrin	0.022 (G)	µg/L	0.05 U	0.051 U	0.052 U	0.051 U	0.047 U	0.052 U	0.058 U	0.052 U	0.051 U	0.051 U	U	0.05 U	0.05 U	0.05 U	0.052 U	0.0017 JP
319-84-6	alpha-BHC	0.01	µg/L	0.0031 JP	0.0068 J	0.052 U	0.0083 BJP	0.047 U	0.006 J	0.058 U	0.052 U	0.051 U	0.051 U		0.05 U	0.05 U	0.05 U	0.052 U	0.05 U
319-85-7	beta-BHC	0.04	µg/L	0.05 U	0.051 U	0.052 U	0.051 U	0.047 U	0.0087 JP	0.058 U	0.052 U	0.02 J	0.051 U	U	0.05 U	0.05 U	0.05 U	0.052 U	0.05 U
319-86-8	delta-BHC	0.04	µg/L											0.0017 BPJ	0.05 U				
72-54-8	4,4'-DDD	0.3	µg/L	0.0022 JP	0.1 U	0.1 U	0.002 J	0.094 U	0.0031 JP	0.12 U	0.1 U	0.1 U	0.1 U	0.0019 PJ	0.05 U	0.1 U	0.1 U	0.0015 JP	0.0014 JP
72-55-9	4,4'-DDE	0.2	µg/L	0.021 J	0.0019 JP	0.0032 JP	0.1 U	0.094 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	U	0.05 U	0.0043 JP	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	0.2	µg/L	0.1 JP	0.1 U	0.1 U	0.1 U	0.094 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U		0.05 U	0.0014 JP	0.1 U	0.1 U	0.1 U
60-57-1	Dieldrin	0.004	µg/L	0.1 U	0.1 U	0.0016 JP	0.00096 JP	0.094 U	0.0038 JP	0.0016 BJP	0.1 U	0.1 U	0.1 U	0.0027 PJ	0.05 U	0.1 U	0.1 U	0.0064 JP	0.1 U
33213-65-9	Endosulfan II	NS	µg/L	0.1 U	0.0059 J	0.1 U	0.00052 JP	0.094 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U		0.05 U	0.1 U	0.1 U	0.0013 JP	0.1 U
1031-07-8	Endosulfan sulfate	NS	µg/L	0.1 U	0.1 U	0.001 JP	0.0018 JP	0.094 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	U	0.05 U	0.1 U	0.1 U	0.0021 JP	0.1 U
72-20-8	Endrin	0.2	µg/L	0.1 U	0.1 U	0.0017 JP	0.00056 JP	0.094 U	0.0032 JP	0.12 U	0.1 U	0.1 U	0.1 U	U	0.05 U	0.1 U	0.1 U	0.0018 JP	0.1 U
7421-93-4	Endrin aldehyde	5 (G)	µg/L	0.1 U	0.0059 JP	0.1 U	0.1 U	0.094 U	0.1 U	0.01 BJP	0.1 U	0.1 U	0.1 U	U	0.05 U	0.1 U	0.1 U	0.0016 JP	0.1 U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.05 U	0.0023 J	0.0019 BJP	0.051 U	0.047 U	0.052 U	0.058 U	0.052 U	0.051 U	0.051 U	U	0.03 J	0.05 U	0.05 U	0.052 U	0.05 U
5103-74-2	gamma-Chlordane	0.05	µg/L	0.05 U	0.051 U	0.0026 JP	0.0048 BJP	0.047 U	0.052 U	0.058 U	0.052 U	0.051 U	0.0033 BJP	0.0042 PJ	0.012 J	0.05 U	0.05 U	0.052 U	0.05 U
72-43-5	Methoxychlor	35	µg/L	0.5 U	0.51 U	0.52 U	0.51 U	0.47 U	0.061 BJP	0.58 U	0.52 U	0.51 U	0.51 U	U	0.05 U	0.5 U	0.012 J	0.52 U	0.5 U
	Total Pesticides			0.1263	0.0228	0.012	0.01894	ND	0.0858	0.0116	ND	0.02	0.0033	0.0105	0.042	0.0057	0.012	0.0147	0.0031
	PCBs																		
	None Detected																		
	INORGANICS																		
7429-90-5	Aluminum	NS	µg/L	263	2630	73.6 B	153 B	315	380 E	127 B	157 B	152 B	528	72.6 B	1180	687	358	271	203
7440-36-0	Antimony	3	µg/L	2.6 U	2.6 U	2.9 B	8.3 B	6 U	3.4 B	2.1 U	2.1 U	2.6 B	2.3 U	2.7 B	0.56 U	2.6 U	2.6 U	2.5 U	1.9 U
7440-38-2	Arsenic	25	µg/L	4.2 U	4.2 U	7.2 B	5.2 B	8.9 B	5 B	5.3 B	6.3 B	3.4 B	8.3 B	4.6 B	5.6 B	4.2 U	4.2 U	5 B	5.1 B
7440-39-3	Barium	1000	µg/L	12.2 B	33.9 B	26 B	50.3 B	51.4 B	37.6 B	46.1 B	34.5 B	40.6 B	46.1 B	45 B	40.5	20 B	25.8 B	44.3 B	35.5 B
7440-41-7	Beryllium	3 (G)	µg/L	0.06 U	0.08 B	0.12 U	0.13 U	1 U	0.27 B	0.1 B	0.01 U	0.12 U	0.08 U	U	0.47 B	0.06 U	0.06 U	0.04 U	0.14 U
7440-70-2	Calcium	NS	µg/L	34600	68900	134000	189000	152000	125000	192000	138000	152000	137000	146000	132000	38100	131000	153000	130000
7440-47-8	Chromium	50	µg/L	2.6 B	7.4 B	1.6 U	8.7 B	2 U	10.3	7.6 B	6 B	4.1 B	4.4 B	2.9 B	2.8 B	3 B	8.1 B	5.3 BE	7.1 B
7440-48-4	Cobalt	5	µg/L	1.1 U	1.2 U	2.3 U	1.6 U	2 U	0.86 U	1.1 B	1.6 U	2 U	1.9 U	U	0.89 U	1.1 U	1.1 U	1.7 U	0.96 U
7440-50-8	Copper	200	µg/L	3.4 B	8.1 B	0.84 U	3.6 B	4.3 B	2.5 B	1.9 B	3.2 B	2.1 U	1.1 B	1.5 B	1.3 U	5.3 B	2.9 B	4 B	3.1 B
7439-89-6	Iron	300	µg/L	300	2030	352	223	282	473	305	239	188	1070	81.9 B	172	1080	559	379	291
7439-92-1	Lead	50	µg/L	1 U	10.2	1.8 U	1.1 U	3 U	2.3 B	1.5 U	0.78 U	1.7 U	2 B	U	2.9 U	4.6	1 U	1.3 U	1.1 U
7439-95-4	Magnesium	35000 (G)	µg/L	11000	19200	57900	53200	40400	29800	56300	38900	38400	48800	41000	31900	10200	31800	38700	40300
7439-96-5	Manganese	300	µg/L	6.4 B	70.5	220	71.6	39.8	93	48.7	12.8 B	7.8 B	541	8.3 BE	8.9	25.1	56	18.5	23.4
7439-97-6	Mercury	0.7	µg/L	1.2 B	3.6 B	2.3 B	3.2 B	3.6 B	3.1 B	4.7 B	1.6 U	1.5 B	0.04 B	0.011 B	0.12 U	2.3 B	3 B	3.9 BE	3.1 U
7440-02-0	Nickel	100	µg/L	4330 B	9890	76900	66300	46700	29200 E	59600	28800	28500	4.2 B	2.2 B	1.2 U	1040 B	24700	39200	31000
7440-09-7	Potassium	NS	µg/L	4.4 B	4 U	4.8 U	3.6 U	9.8	2.4 B	2.6 B	3.3 B	3.8 B	50800	32600	24400	4 U	4.2 B	3.9 B	3.7 U
7782-49-2	Selenium	10	µg/L	0.56 U	0.6 U	1.1 U	1 U	1 U	0.73 U	1 U	1.5 B	1.6 U	2.2 U	3.6 B	10.3 B	0.9 B	0.56 U	0.78 U	0.75 U
7440-22-4	Silver	50	µg/L	6090	30400	134000	133000	79400	93600	99300	82700	67700	1.6 U	U	1 U	3980 B	95400	84600 E	89800
7440-23-5	Sodium	20000	µg/L	6090	30400	134000	133000	79400	93600	99300	82700	67700	106000	112000	92200	3980 B	95400	84600 E	89800
7440-62-2	Vanadium	NS	µg/L	1.2 B	6.4 B	1.2 B	9.9 B	2 U	2.9 B	2.7 B	4.3 B	2.3 B	3.4 B	U	3.4 B	2.2 B	3.5 B	3.5 BE	2.6 B
7440-66-6	Zinc	2000 (G)	µg/L	6.5 B	29.9	9.3 B	23.7	15.8 B	15.4 B	15.9 B	15.5 B	5.3 B	12.3 B	5.6 B	6.1 B	26.2	12.1 B	41.2	14 B
57-12-5	Cyanide	200	µg/L	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	3.6 B	0.01 U	10 U	138	10 U	10 U

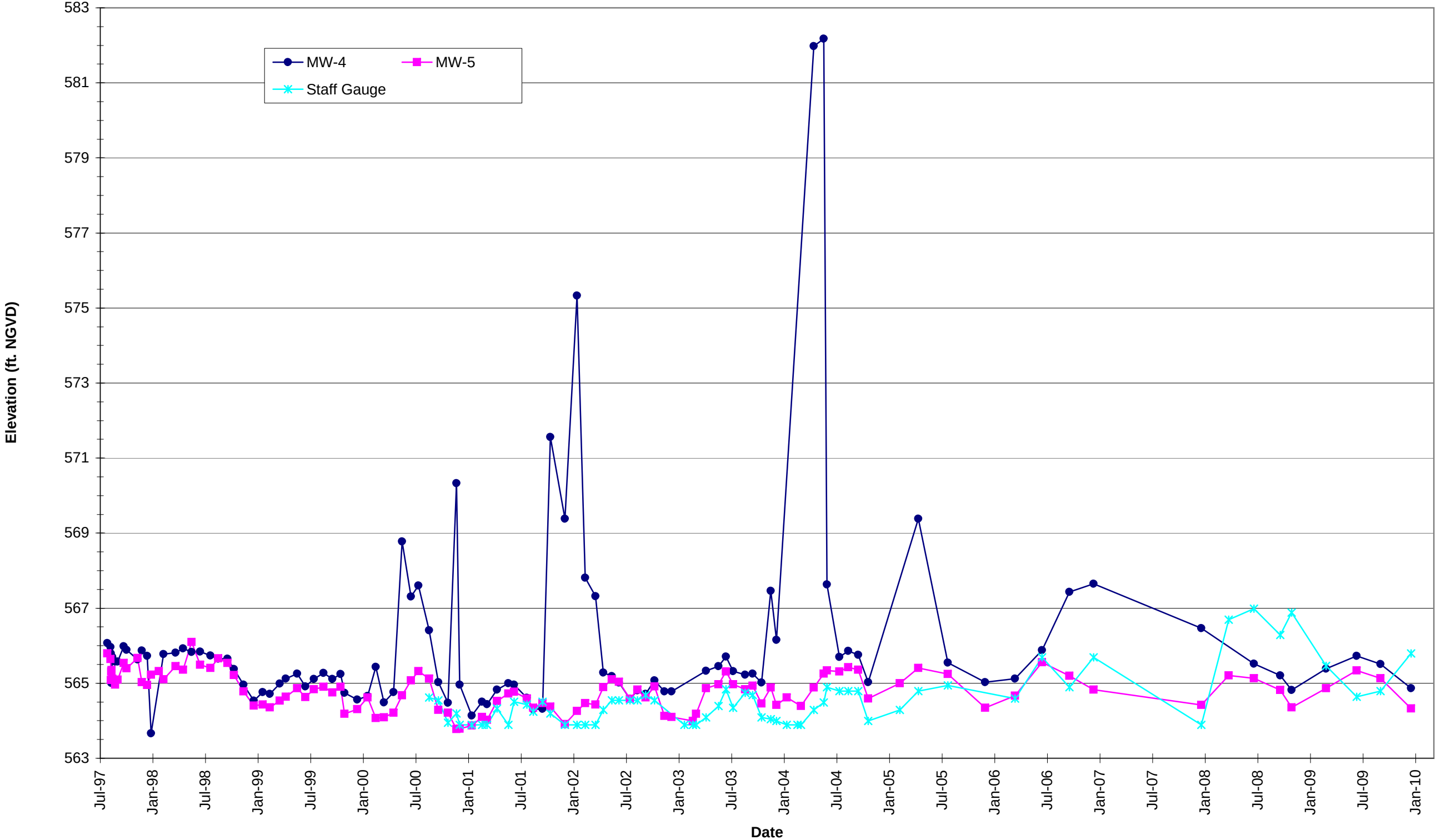
Notes:
Bold and shaded values exceed the NYSDEC standard/guidance value.
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
B (organics) = The analyte was found in the associated blank, as well as in the sample
J or B (inorganics) = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
J (organics) = Indicates an estimated value

APPENDIX B-5
Historical Hydrographs
(Monitoring Wells, 1997-2009)

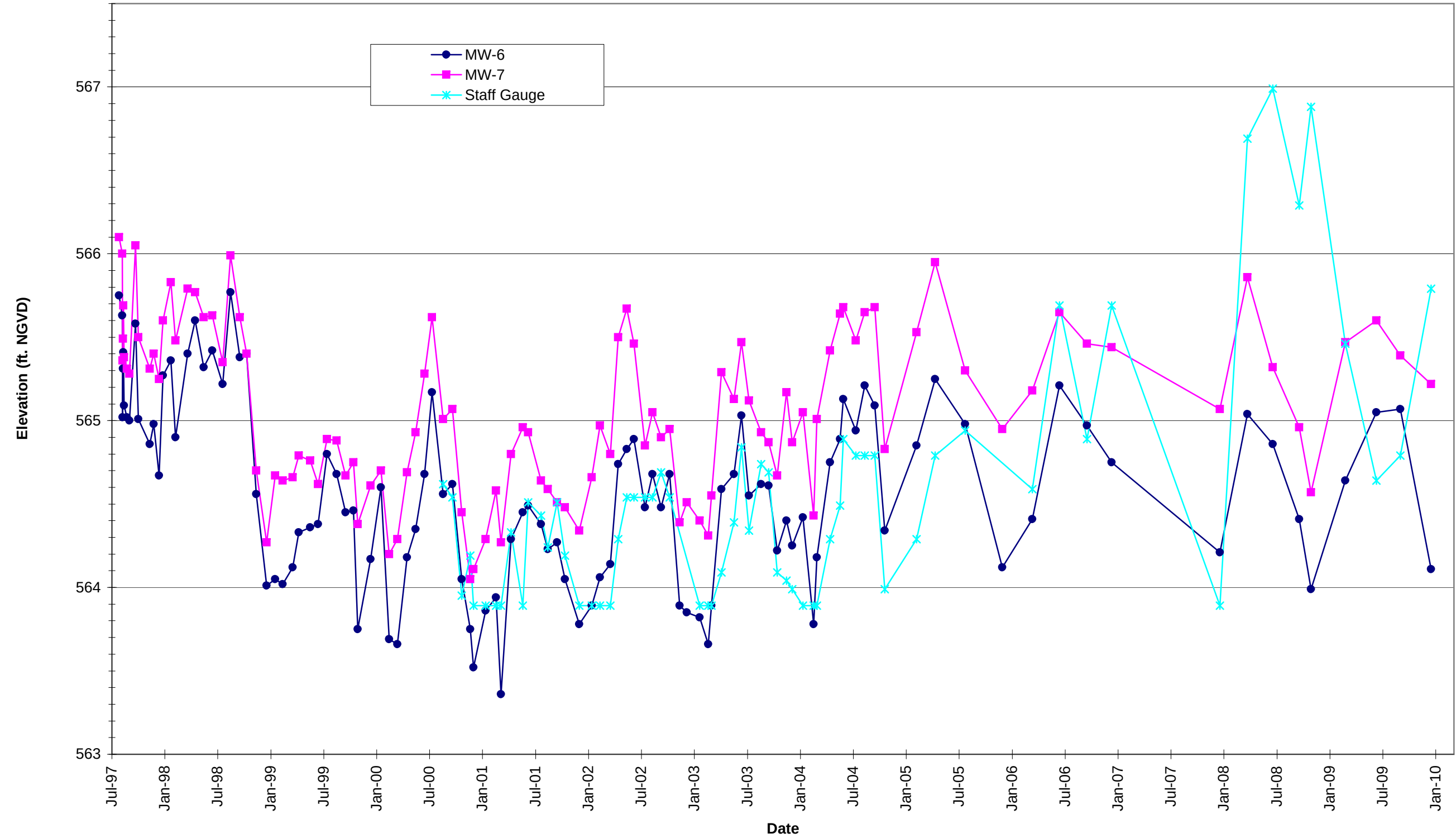
Appendix B-5
Historical Hydrograph
Monitoring Wells MW-1,2,3



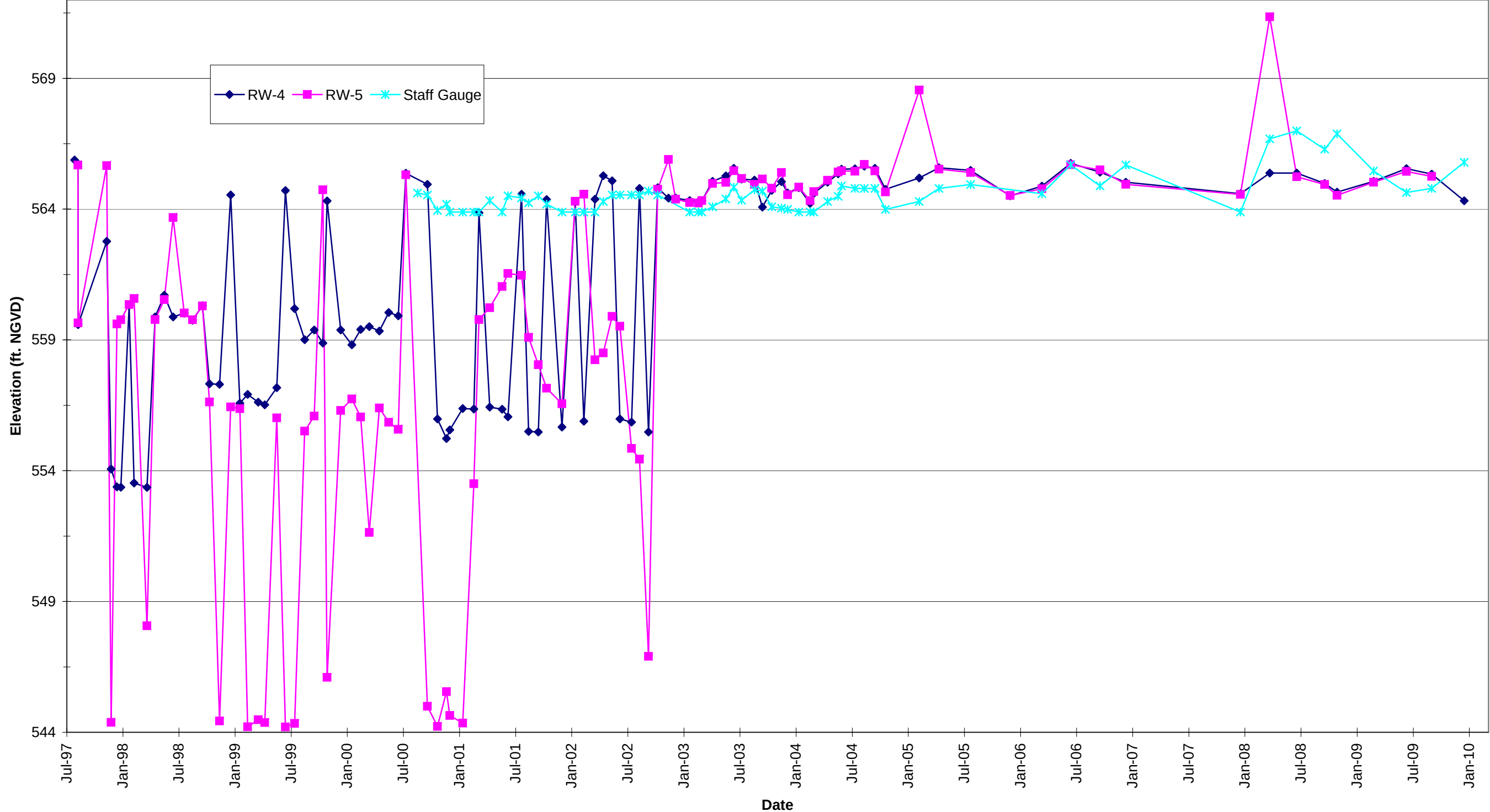
Appendix B-5
Historical Hydrograph
Monitoring Wells MW-4,5



Appendix B-5
Historical Hydrograph
Monitoring Well MW-6,7

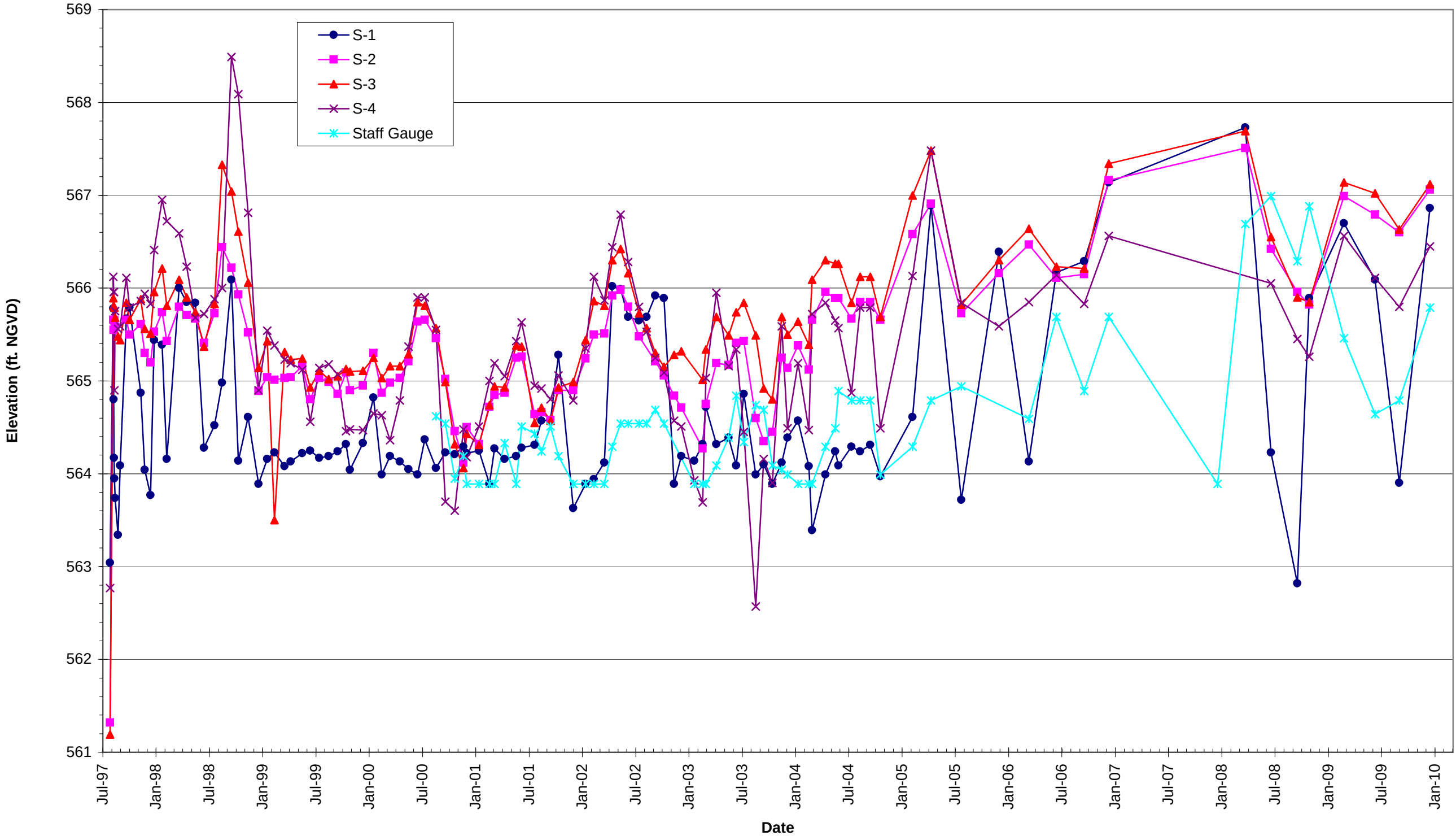


Appendix B-5
Historical Hydrograph
Former Recovery Wells RW-4,5

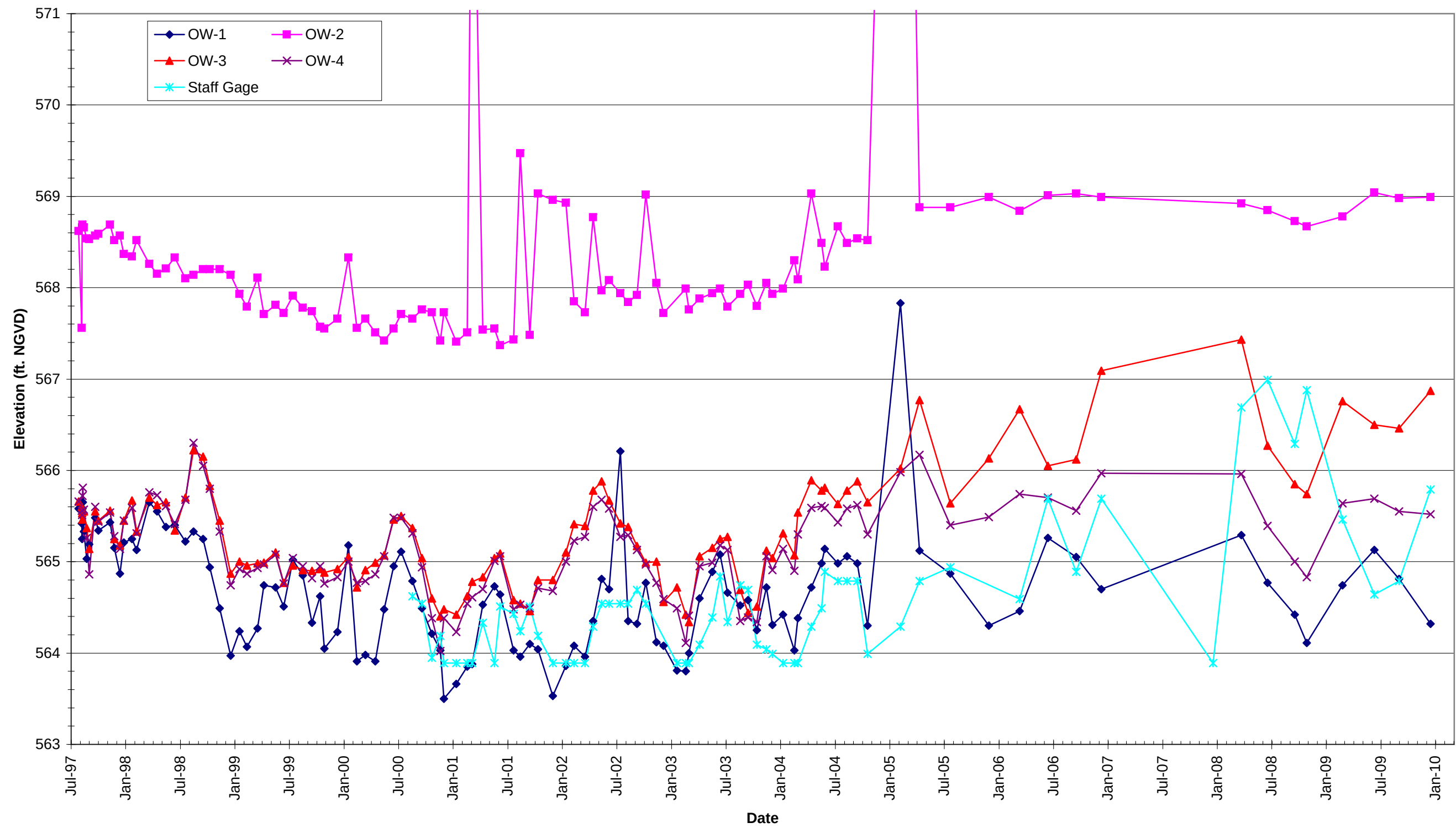


APPENDIX B-6
Historical Hydrographs
(Sumps and Observation Wells, 1997-2009)

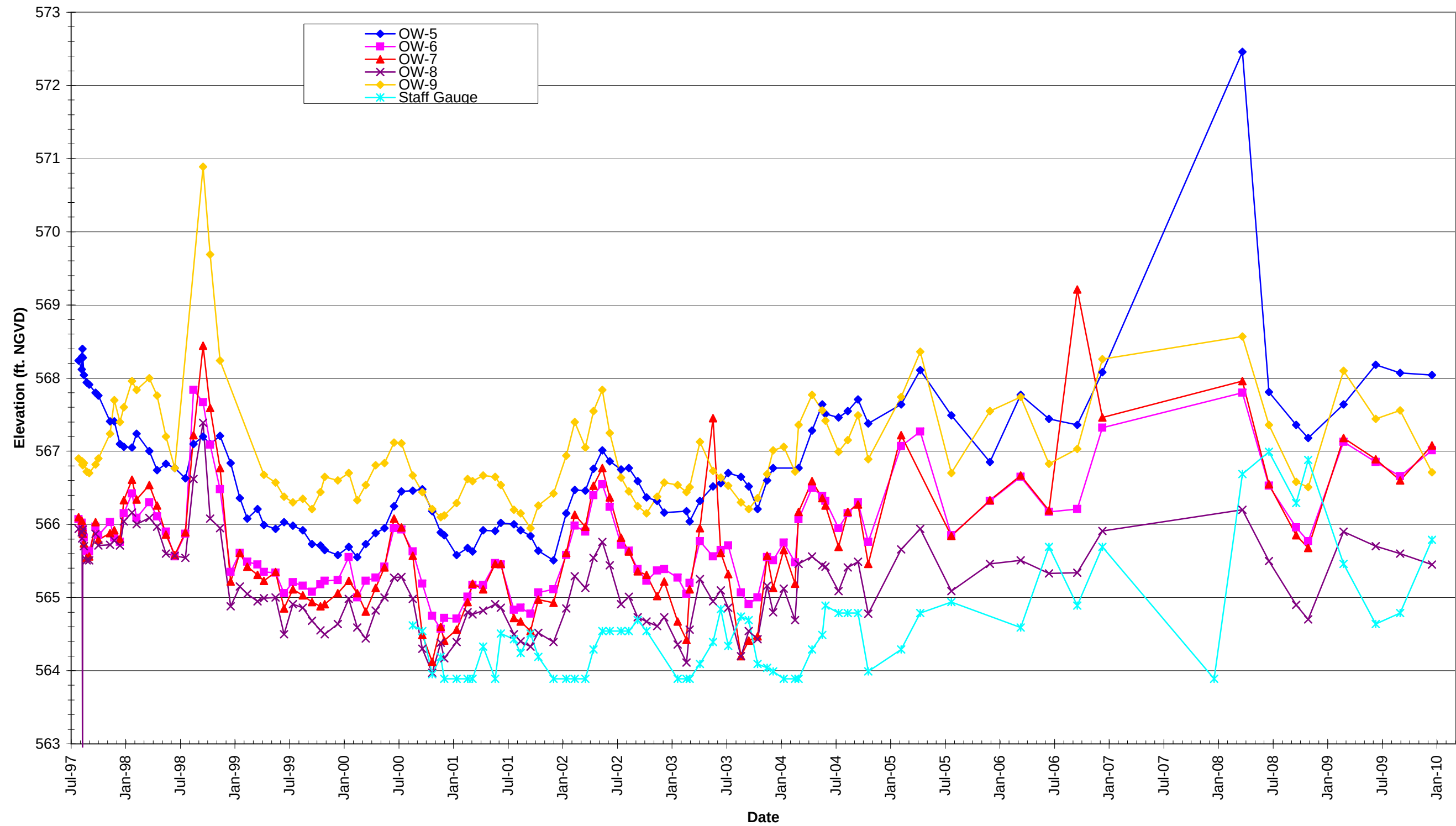
Appendix B-6
Historical Hydrograph
Sumps S-1,2,3,4



Appendix B-6
Historical Hydrograph
Observation Wells OW-1,2,3,4



Appendix B-6
Historical Hydrograph
Observation Wells OW-5,6,7,8,9



APPENDIX C

Groundwater Sampling Logs

WELL SAMPLING RECORD

Site Name Cherry Farms Well ID MM-1

Samplers B. Miller
J. Siniscalchi

Total Well Depth (TOC)	43.80	feet
Initial Static Water Level (TOC)	11.94	feet
Well Diameter	2	inches

Purging Data

Method Grab Date/Time 9-10-09 / 837

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Well depth	DTW	Casing Vol. per foot	Water Volume
43.80	11.94	0.16	5.09

gallons

Casing Volumes (gal/ft.):			
1-inch	0.041	4-inch	0.64
2-inch	0.16	6-inch	1.4
3-inch	0.36	8-inch	2.5
		10-inch	4

Volume of Purge Water Removed 15 gallons

Sampling Data

Method Bailer / Grab Date/Time 9-10-09 / 856

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab

Field Parameters

pH

Temp. (°F)

Spec. Cond. (uS/cm)

Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3 Vol/Sample
7.46	7.14	7.57	7.66
66.5	62.2	60.9	60.9
0.96	0.77	0.74	0.75
639	91.3	300	609

Comments:

WELL SAMPLING RECORD

Site Name Cherry Farms

Well ID MW-2

Samplers B. Miller
J. Siniscalchi

Total Well Depth (TOC)	42.10	feet
Initial Static Water Level (TOC)	13.58	feet
Well Diameter	2	inches

Purging Data

Method Grab Date/Time 9-9-09 / 1511

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Well depth	DTW	Casing Vol. per foot	Water Volume	
42.10	13.58	0.16	4.56	gallons

Casing Volumes (gal/ft.):				
1-inch	0.041	4-inch	0.64	10-inch 4
2-inch	0.16	6-inch	1.4	
3-inch	0.36	8-inch	2.5	

Volume of Purge Water Removed gallons

Sampling Data

Method Booster / Grab Date/Time 9-9-09 / 1527

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab

Field Parameters

pH
Temp. (°F)
Spec. Cond. (uS/cm)
Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3 Vol/Sample
6.42	6.41	6.26	6.19
75.2	69.3	67.2	67.5
0.84	0.43	0.42	0.90
0.90	159	208	503

Comments:

WELL SAMPLING RECORD

Site Name Cherry Farms

Well ID MN-3

Samplers B. M. Her
J. Sinischichi

Total Well Depth (TOC) 31.35 feet
Initial Static Water Level (TOC) 6.39 feet
Well Diameter 2 inches

Purging Data

Method Grab/Bailer Date/Time 9-10-09 1945

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Well depth	DTW	Casing Vol. per foot	Water Volume	
<u>31.35</u>	<u>6.39</u>	0.16	<u>3.99</u>	gallons

Casing Volumes (gal/ft.):				
1-inch	0.041	4-inch	0.64	10-inch 4
2-inch	0.16	6-inch	1.4	
3-inch	0.36	8-inch	2.5	

Volume of Purge Water Removed 12 gallons

Sampling Data

Method Bailer/Grab Date/Time 9/10/09 - 945

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab

Field Parameters

pH
Temp: (°F):
Spec. Cond. (uS/cm)
Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3 Vol/Sample
<u>7.56</u>	<u>7.69</u>	<u>7.84</u>	<u>7.96</u>
<u>67.4</u>	<u>62.3</u>	<u>60.1</u>	<u>59.8</u>
<u>.55</u>	<u>.53</u>	<u>.52</u>	<u>.51</u>
<u>236</u>	<u>705</u>	<u>73.2</u>	<u>74.2</u>

Comments:

X1000 uS/CM

WELL SAMPLING RECORD

Site Name Cherry Farms

Well ID MW-4

Samplers B. Miller
J. Siniscalchi

Total Well Depth (TOC) 50.00 feet
Initial Static Water Level (TOC) 18.32 feet
Well Diameter 2 inches

Purging Data

Method Grab Date/Time 9-10-09 / 9:34

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Well depth	DTW	Casing Vol. per foot	Water Volume	
<u>50.00</u>	<u>18.32</u>	<u>0.16</u>	<u>5.06</u>	gallons

Casing Volumes (gal/ft.):					
1-inch	0.041	4-inch	0.64	10-inch	4
2-inch	0.16	6-inch	1.4		
3-inch	0.36	8-inch	2.5		

Volume of Purge Water Removed 15 gallons

Sampling Data

Method Bailer / Grab Date/Time 9-10-09 / 9:45

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab

Field Parameters

pH
Temp. (°F)
Spec. Cond. (uS/cm)
Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3 Vol/Sample
<u>8.10</u>	<u>8.00</u>	<u>7.76</u>	<u>7.45</u>
<u>61.2</u>	<u>59.7</u>	<u>59.3</u>	<u>60.9</u>
<u>0.36</u>	<u>0.36</u>	<u>0.40</u>	<u>0.40</u>
<u>21.4</u>	<u>171</u>	<u>111</u>	<u>125</u>

Comments:

WELL SAMPLING RECORD

Site Name Cherry Farms

Well ID MW-5

Samplers B. Miller
J. S. Nichols

Total Well Depth (TOC)	49.50	feet
Initial Static Water Level (TOC)	19.01	feet
Well Diameter	2	inches

Purging Data

Method Grab Date/Time 9-18-09 / 909

$$\text{Water Volume} = (\text{Total Depth of Well} - \text{Depth To Water}) \times \text{Casing Volume per Foot}$$

Well depth	DTW	Casing Vol. per foot	Water Volume	
49.50	19.01	0.16	2.87	gallons

Casing Volumes (gal/ft.):					
1-inch	0.041	4-inch	0.64	10-inch	4
2-inch	0.16	6-inch	1.4		
3-inch	0.36	8-inch	2.5		

Volume of Purge Water Removed 75 gallons

Sampling Data

Method Bait / Grab Date/Time 9-10-09 / 9:25

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab

Field Parameters

pH

Temp. (°F):

Spec. Cond. (uS/cm)

Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3 Vol/Sample
8.41	8.52	8.51	7.90
61.2	60.0	60.5	61.2
0.27	0.61	0.62	0.59
32.5	14.8	6.49	5.96

Comments:

WELL SAMPLING RECORD

Site Name Cherry Farms

Well ID MW-6

Samplers B. Miller
J. Sinsculchi

Total Well Depth (TOC) 50.85 feet
Initial Static Water Level (TOC) 20.63 feet
Well Diameter 2 inches

Purging Data

Method Grab Date/Time 9-9-09/1446

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Well depth	DTW	Casing Vol. per foot	Water Volume	
<u>50.85</u>	<u>20.63</u>	0.16	<u>4.83</u>	gallons

Casing Volumes (gal/ft.):				
1-inch	0.041	4-inch	0.64	10-inch 4
2-inch	0.16	6-inch	1.4	
3-inch	0.36	8-inch	2.5	

Volume of Purge Water Removed 15 gallons

Sampling Data

Method Bailer/Grab Date/Time 9-9-09/1501

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab

Field Parameters

pH

Temp. (°F)

Spec. Cond. (uS/cm)

Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3 Vol/Sample
<u>6.50</u>	<u>6.09</u>	<u>6.11</u>	<u>5.89</u>
<u>70.1</u>	<u>68.1</u>	<u>67.4</u>	<u>67.2</u>
<u>0.71</u>	<u>0.69</u>	<u>0.70</u>	<u>0.70</u>
<u>3.30</u>	<u>16.7</u>	<u>12.1</u>	<u>8.02</u>

Comments:

3.0 x 1,000 uS/cm

WELL SAMPLING RECORD

Site Name Cherry Farms Well ID MW-7

Samplers B. Miller
J. S. Sisculchi

Total Well Depth (TOC) 45.54 feet
Initial Static Water Level (TOC) 21.01 feet
Well Diameter 2 inches

Purging Data

Method Grab Date/Time 9-9-09/1420

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Well depth	DTW	Casing Vol. per foot	Water Volume	
<u>45.54</u>	<u>21.01</u>	0.16	<u>3.92</u>	gallons

Casing Volumes (gal/ft.):					
1-inch	0.041	4-inch	0.64	10-inch	4
2-inch	0.16	6-inch	1.4		
3-inch	0.36	8-inch	2.5		

Volume of Purge Water Removed 12 gallons

Sampling Data

Method Bailer/Grab Date/Time 9-9-09/1440

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab

Field Parameters

pH

Temp. (°F)

Spec. Cond. (uS/cm)

Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3 Vol/Sample
<u>6.55</u>	<u>6.10</u>	<u>6.40</u>	<u>6.03</u>
<u>69.9</u>	<u>68</u>	<u>67.2</u>	<u>67.1</u>
<u>0.60</u>	<u>0.60</u>	<u>0.58</u>	<u>0.57</u>
<u>5.03</u>	<u>8.70</u>	<u>8.99</u>	<u>7.11</u>

Comments:

5.6 x 1,000 uS/cm

WELL SAMPLING RECORD

Site Name Cherry Farms

Well ID R10-4

Samplers B. Miller
J. Siniscalchi

Total Well Depth (TOC) 52.20 feet
Initial Static Water Level (TOC) 16.49 feet
Well Diameter 8.1 inches

Purging Data

Method Low Flow Pumping Date/Time 9/8 930

Casing Volumes (gal/ft.):					
1-inch	0.041	4-inch	0.64	10-inch	4
2-inch	0.16	6-inch	1.4		
3-inch	0.36	8-inch	2.5		

Sampling Data

Method Grab Date/Time 9/8 940

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB	Liter	None	Grab

	Field Parameters	Depth To Water	pH	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	Flow Rate ml/min
Elapsed Time (min)	0	16.49	7.32	16.13	13.45	0.42	0
	5	16.64	6.59	14.09	12.85	2.42	380
	10	16.79	6.41	13.66	12.49	0.24	380
	15	16.85	6.46	13.81	12.50	0.00	380
	20	16.89	6.53	13.81	12.60	0.00	380
	25	16.97	6.59	13.82	12.63	0.00	380
	30	16.99	6.60	13.85	12.70	0.00	380
	35	17.02	6.63	13.80	12.74	0.00	380
	40	17.03	6.65	14.05	12.83	6.66	380
	45	17.04	6.69	14.14	12.84	5.74	380
	50	17.04	6.72	13.81	12.84	2.53	380
	55	17.04	6.74	13.75	12.85	6.51	380
	60	17.04	6.73	13.76	12.83	2.22	380

Comments:

* SC units uS/cm

WELL SAMPLING RECORD

Site Name Cherry Farms

Well ID RW5

Samplers B Miller
J Simsculchi

Total Well Depth (TOC) 52.40 feet
Initial Static Water Level (TOC) 16.80 feet
Well Diameter 8" inches

Purging Data

Method Low Flow Pumping

Date/Time 9/8/09 11:25

Casing Volumes (gal/ft.):					
1-inch	0.041	4-inch	0.64	10-inch	4
2-inch	0.16	6-inch	1.4		
3-inch	0.36	8-inch	2.5		

Sampling Data

Method Grab

Date/Time 9/8/09 12:10

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB	Liter	None	Grab

	Field Parameters	Depth To Water	pH	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	Flow Rate ml/min
Elapsed Time (min)	0	16.80	7.98	16.10	445		0
	5	17.11	8.04	14.22	513		380
	10	17.30	8.03	13.91	534		380
	15	17.45	8.03	14.25	553		380
	20	17.60	8.01	14.32	559		380
	25	17.70	8.01	14.27	568		380
	30	17.85	8.01	14.38	559		380
	35	17.95	8.01	14.66	556		380
	40	18.01	8.01	14.52	556		380
	45	18.10	8.00	14.78	561		380
	50						380
	55						380
	60						380

Comments:

* SC units in uS/cm
* Tub. meter not operating properly
-80 appears clear

SUMP WATER SAMPLING RECORD

Site Name Cherry Farms

Sample ID Sumpl-1

Samplers

B. Miller
J. Siniscalchi

Sample Description

Type of Water Body
Physical Appearance/Odor
Color/Stain

Sump
Clear / none
Clear / none

Sampling Data

Method Grab

Date/Time 9-9-09 / 1115

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab
Pesticides	Liter	None	Grab
Metals	16 oz	HNO3	Grab
Cyanide	8 oz	NaOH	Grab

Field Parameters

pH
Temp. (°F)
Spec. Cond. (uS/cm)
Turbidity (NTU)

8.14
62.1°F
.41
32

Comments

x1000 uS/cm

SUMP WATER SAMPLING RECORD

Site Name Cherry Farms

Sample ID Sump-2

Samplers

B. Miller
J. S. Mischalch

Sample Description

Type of Water Body
Physical Appearance/Odor
Color/Stain

Sump
clear / no odor
clear / no staining

Sampling Data

Method Grab

Date/Time 9-9-09 / 1140

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab
Pesticides	Liter	None	Grab
Metals	16 oz	HNO3	Grab
Cyanide	8 oz	NaOH	Grab

Field Parameters

pH
Temp. (°F)
Spec. Cond. (uS/cm)
Turbidity (NTU)

8.54
69.2
.54
0.43

Comments

X1000 uS/cm

SUMP WATER SAMPLING RECORD

Site Name Cherry Farms

Sample ID Samp 3

Samplers

B. Miller
J. Sinisewski

Sample Description

Type of Water Body
Physical Appearance/Odor
Color/Stain

Sump
clear / no odor
clear / no staining

Sampling Data

Method Grab

Date/Time

9-9-09 / 1153

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab
Pesticides	Liter	None	Grab
Metals	16 oz	HNO3	Grab
Cyanide	8 oz	NaOH	Grab

Field Parameters

pH

9.02

Temp. (°F)

69.6

Spec. Cond. (uS/cm)

52

Turbidity (NTU)

1.10

Comments

X1000 uS/cm

SUMP WATER SAMPLING RECORD

Site Name Cherry Farms

Sample ID Sump-4

Samplers

Brent Miller
Jenn Siniscalchi

Sample Description

Type of Water Body
Physical Appearance/Odor
Color/Stain

Sump
clear / no odor
no color / stain

Sampling Data

Method Grab

Date/Time 9-9-09 / 12/15

Parameters	Bottle	Preservation	Method
VOC's	40 ml	1:1 HCl	Grab
Semi Volatiles	Liter	None	Grab
PCB's	Liter	None	Grab
Pesticides	Liter	None	Grab
Metals	16 oz	HNO3	Grab
Cyanide	8 oz	NaOH	Grab

Field Parameters

pH
Temp. (°F)
Spec. Cond. (uS/cm)
Turbidity (NTU)

9.17
66.1
.47
3.80

Comments

x1000 uS/cm

APPENDIX D
2009 Remedial System Monitoring Data
and Industrial Sewer Connection Permit

Appendix D
2009 Remedial System Monitoring Data

	Wastewater Discharge Limit	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Dec-09
OWS														
PCBs														
Aroclor 1016	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	<PQL (µg/L)	ND	11	100	36	ND	3.3	3.6	2.3	8.5	3.2	22	4.8	9.8
Aroclor 1248	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	<PQL (µg/L)	0.78	0.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	5.7
ML-1 (Pre-Carbon)														
PCBs														
Aroclor 1016	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	2.3	2.1	3.4	18	5.3	1.5	1.7
Aroclor 1248	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	<PQL (µg/L)	0.09	0.05	ND	ND	0.093	ND	ND	ND	ND	ND	ND	1.4	ND
Oil & Grease	100 mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Between Carbon														
PCBs														
Aroclor 1016	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16	0.097
Aroclor 1248	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	<PQL (µg/L)	0.1	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76	0.3
ML-2 (Post-Carbon)														
PCBs														
Aroclor 1016	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.067	ND
Aroclor 1248	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	<PQL (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	<PQL (µg/L)	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	0.35
Oil & Grease	100 mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS	250 mg/L	-	-	-	-	-	-	ND	-	-	-	-	-	-
pH	5.0-9.5 S.U.	-	-	-	-	-	-	6.82	-	-	-	-	-	-
BOD	250 mg/L	-	-	-	-	-	-	ND	-	-	-	-	-	-
SGT TPH	100 mg/L	-	-	-	-	-	-	3	-	-	-	-	-	-
Total Phosphorous	6.0 mg/L	-	-	-	-	-	-	0.083	-	-	-	-	-	-
Total Zinc	4.4 mg/L	-	-	-	-	-	-	0.0128	-	-	-	-	-	-

Notes:

PCBs = Polychlorinated Biphenyls

PQL = Practical Quantitation Limit

mg/L = micrograms per liter

TSS = Total Suspended Solids

BOD = Biochemical Oxygen Demand

SGT TPH = Silica Gel Treated Total Petroleum Hydrocarbon

BOLD = concentration exceeds Wastewater Discharge Limit

*** ML-2 was re-sampled on 12/24/2009 (0.50 µg/L) and 12/29/2009 (0.35 µg/L).

Permit No. 613

TOWN OF TONAWANDA
INDUSTRIAL SEWER CONNECTION PERMIT

Company Name: PRP Group

Division Name (if Applicable) _____

Mailing Address: 158 Sonwil Drive

Street or P.O. Box

Cheektowaga, New York, 14225

City, State and Zip Code

Facility Address: Cherry Farms 4100 River Road

Street or P.O. Box

Tonawanda, New York, 14150

City, State and Zip Code

The above Industrial User is authorized to discharge industrial wastewater to the Town of Tonawanda sewer system in compliance with the Town's Sewer Use Ordinance Number 2-2000, any applicable provisions of Federal or State law or regulation, and in accordance with discharge point(s), effluent limitations, monitoring requirements, and other conditions set forth herein.

This permit is granted in accordance with the application filed on January 10, 2008 in the office of the Pretreatment Administrator, and in conformity with plans, specifications, and other data submitted to the Town in support of the above application.

Effective Date: January 1, 2008

Expiration Date: December 31, 2010

Permit No. 613

Date: 1/14/2008

Signed: _____



William Mucci

Town of Tonawanda

Office of the Compliance Coordinator

PART 1 - WASTEWATER DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

A. LOCALLY DERIVED LIMITATIONS

The industrial user shall comply with the following locally derived effluent limitations effective as of January 1, 2008 through December 31, 2010

MONITORING LOCATION #1: Outlet of Carbon column Following Oil/Water Separator Prior to Mixing with Other Non-Oily Wastewater.

PARAMETER	MONTHLY AVERAGE	DAILY MAXIMUM
	mg/l (lbs/day)	mg/l (lbs/day)

Oil and Grease

100 mg/l

Polychlorinated Bi-Phenyls (PCB's)

<PQL *****

MONITORING LOCATION #2: Discharge Point of Total Mixed wastes to the Town Sewer

PARAMETER	MONTHLY AVERAGE	DAILY MAXIMUM
	mg/l (lbs/day)	mg/l (lbs/day)

Oil and Grease

100 mg/l

Polychlorinated Bi-Phenyls (PCB's)

<PQL

MONITORING SPECIFICATIONS

A. Monitoring for compliance with these locally derived limitations at both Monitoring Point 1 and at Monitoring Point 2 shall be performed as follows:

PARAMETERS	SAMPLE FREQUENCY	SAMPLE TYPE	PURPOSE
Oil and Grease	Monthly	Grab	Compliance
PCB's (All Arochlors)	Monthly	Grab	Compliance
pH	Monthly	Grab/Field Test	Compliance
PCB's (Recovered Oil)	Monthly	Grab	Compliance

Monitoring for SUO Compliance, Surcharge Evaluation and other reasons shall be performed at Monitoring Point # 2 only as follows:

PARAMETERS	SAMPLE FREQUENCY	SAMPLE TYPE	PURPOSE
pH	Semi-Annual	Grab	5.0-9.5 su
Total Petroleum Hydrocarbons	"	"	100 mg/l
BOD	"	"	250 mg/l *
TSS	"	"	250 mg/l *
Total Phosphorous	"	"	6.0 mg/l *
Zinc	"	"	4.4 mg/l

* = Concentrations at which surcharge begins.

All Self-Monitoring reports shall be submitted to this office no later than the twenty-fifth (25) day of the month following when the sample was taken.

Flows must be mailed, faxed, or called to this office no later than the 10th of the month.

PART II - SPECIAL CONDITIONS/COMPLIANCE SCHEDULE

1. *The Industrial User shall develop, within 6 months of the effective date of this permit, an accidental spill prevention plan to eliminate or minimize the accidental or slug discharge of pollutants into the sewer system, which could have an effect on the Town's treatment plant, sludge, or cause the Town to violate its SPDES permit.*

PART III - REPORTING REQUIREMENTS

1. *All Industries requiring submittal of self-monitoring reports (SMR's) must submit all laboratory results on all discharged samples. If a lab analysis was performed using an EPA approved test method, then those results must be included in the SMR. Persons signing SMR's must be a responsible company official, ie; owner, corporate manager, or supervise more than two hundred fifty (250) employees. Any of the above may appoint a company representative to sign SMR's but written notice must be supplied to this office authorizing said employee to sign.*

The following statement will be required on all SMR's and baseline monitoring reports (BMR):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violation."

2. *The Industrial User shall notify the Town immediately upon any accidental or slug discharge to the sanitary sewer system. Formal written notification discussing circumstances and remedies shall be submitted to the Town within 5 days of the occurrence.*
3. *The Industrial User shall notify the Town 30 days prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being introduced into the POTW from the User's industrial processes.*
4. *Any upset experienced by the Industrial User of its treatment that places it in a temporary state of non-compliance with wastewater discharge limitations contained in this permit or other limitations specified in the Town's Ordinance shall be reported to the Town within 24 hours of first awareness of the commencement of the upset. Immediate resampling for the non-compliance pollutant shall begin. A detailed report shall be filed within 5 days.*

5. *The Industrial User is required to submit to the Town reports on the results of its sampling of the pollutants specified in Part I of this Permit. This report shall also contain monthly flows.*
6. *Analytical procedures must be performed in accordance with 40 CFR Part 136. Additional pollutants not contained in Part 136 must be performed using validated analytical methods approved by EPA (40 CFR 403.12 [g] [4]).*
7. *All reports shall be submitted to the following address:*

*Daniel G. O'Leary, Compliance Coordinator
Wastewater Treatment Facility
779 Two Mile Creek Road
Tonawanda, New York 14150*

PART IV - STANDARD CONDITIONS

1. *The Industrial User shall comply with all the general prohibitive discharge standards in Article IV of the Local Law 2-2000.*
 - a. *BOD 250 mg/l, TSS 250 mg/l, P 6 mg/l are not to be construed as discharge limits of the above pollutants but as a baseline for generating abnormal sewer charges.*

2. RIGHT OF ENTRY

The Industrial User shall, after reasonable notification by the Town, allow the Town or its representatives, exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours, for the purposes of inspection, sampling, or records inspection. Reasonable hours in the context of inspection and sampling includes any time the Industrial User is operating any process which results in a process wastewater discharge to the Town's sewerage system.

3. RECORDS RETENTION

The Industrial User shall retain and preserve for no less than three (3) years, any records, books, documents, memoranda, reports, correspondence and all summaries thereof, relating to monitoring, sampling and chemical analysis made by or in behalf of the User in connection with its discharge.

- a) *All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Town shall be retained and preserved by the Industrial User until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.*

4. CONFIDENTIAL INFORMATION

Except for data determined to be confidential under Article VII, Section 4 of the Town's Ordinance, all reports required by this permit shall be available for public inspection at the office of the Compliance Coordinator, Wastewater Treatment Facility, 779 Two Mile Creek Road, Tonawanda, New York 14150.

5. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the user shall record the following information:

- a) The exact place, date and time of sampling;*
- b) The dates the analyses were performed;*
- c) The person(s) who performed the analyses;*
- d) The analytical techniques or methods used, and*
- e) The results of all required analyses.*
- f) Where sanitary sewer discharge is measured by a mechanical or electronic device, accuracy of device shall be certified correct every year by the manufacturer. Certification shall begin September 2008.*
- g) Where sanitary sewer discharge is measured by percentage of consumed water, percentage shall be certified correct every year by a licensed professional engineer. Certification shall begin September 2008.*

6. DILUTION

No Industrial User shall increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit

7. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS

The disposal of sludges and spent chemicals generated shall be done in accordance with Section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act.

8. TOXIC SUBSTANCES

All waters shall be maintained free of toxic substances in concentrations that are toxic to or produce detrimental physiological responses in human, plant, animal, or aquatic life.

9. SIGNATORY REQUIREMENTS

All reports required by this permit shall be signed by a principal executive officer of the User, or his designee.

10. REVOCATION OF PERMIT

The permit issued to the Industrial User by the Town may be revoked when after inspection, monitoring or analysis it is determined that the discharge of wastewater to the sanitary sewer is in violation of Federal, State, or local laws, ordinances, or regulations. Additionally, falsification or intentional misrepresentation of data or statements pertaining to the permit application or any other required reporting form, shall be cause for permit revocation.

11. LIMITATIONS ON PERMIT TRANSFER

Transfer of permit. Industrial waste permits are issued to a specific user for a specific operation. In the event of any change in ownership of the industrial facility, the permittee shall notify the new owner of the existence of the permit by letter, a copy of which shall be forwarded to the Pretreatment Administrator 30 days prior to change of ownership. A new industrial waste permit must be issued to the new owner.

12. FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

Knowingly making any false statement on any report or other document required by this permit or knowingly rendered any monitoring device or method inaccurate, may result in punishment under the criminal law of the Town, as well as being subjected to civil penalties and relief.

13. MODIFICATION OR REVISION OF THE PERMIT

- a) The terms and conditions of this permit may be subject to modification by the Town at any time as limitations or requirements as identified the Town's Ordinance, are modified or other just cause exists.*
- b) This permit may also be modified to incorporate special conditions resulting from the issuance of a special order.*
- c) The terms and conditions may be modified as a result of EPA promulgating a new federal pretreatment standard.*
- d) Any permit modifications which result in new conditions in the permit shall include a reasonable time schedule for compliance if necessary.*

14. DUTY TO REAPPLY

The Town shall notify a User one hundred and eighty (180) days prior to the expiration of the User's Permit. Within ninety (90) days of the notification, the User shall reapply for re-issuance of the permit on a form provided by the Town.

15. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

16. LIMITATIONS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Federal, State or Local regulations.

17. A. VIOLATIONS

- (1) Any violation of sections 165-3 through 165-19 of this Part 1 of Local Law 2-2000 is hereby declared a violation except as otherwise provided by law.*
- (2) Any person who violates the provisions of sections 165-3 through 165-19 of the Part 1, upon conviction thereof in a court of competent jurisdiction, may be punished by a fine of not more than two hundred fifty dollars (\$250.), and each day on which there is a failure to comply shall be and is hereby declared to be a distinct and separate offense and punishable as such.*
- (3) The Town of Tonawanda may also maintain an action of proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction to collect a civil penalty of not over two hundred dollars (\$200.) for each violation of sections 165-3 through 165-19 of this Part 1.*
- (4) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction for injunctive relief for any violation Articles III, IV or V of this Part 1.*

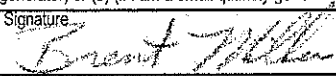
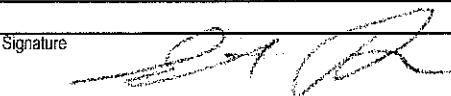
B. MISDEMEANORS

- (1) Any violation of sections 165-20 through 165-30 of this Part 1 is hereby declared a misdemeanor except as otherwise provided by law.*
- (2) Any person who violates the provisions of sections 165-20 through 165-30 of this Part 1, upon conviction thereof in a court of competent jurisdiction, may be punished by a fine of not more than five hundred dollars (\$500.), and each day on which there is a failure to comply shall be and is hereby deemed to be a distinct and separate offense and punishable as such.*
- (3) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction to collect a civil penalty of not over one thousand dollars (\$1,000.) for each violation of section 165-20 through 165-30 of this Part 1.*
- (4) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction for injunctive relief for any violation of Article VI of this Part 1.*

18. ENFORCEMENT OF THE SEWER USE LAW AND PERMITS

The Town has developed and received USEPA approval of its Enforcement Response Plan which details the standard responses to be taken by the Town when it encounters various violations of the Sewer Use Law or the terms of this permit. Copies of this document are available at the office of the Pretreatment Administrator.

APPENDIX E
Copy of April 2009 Hazardous Waste Manifest

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD071470033	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3719	4. Manifest Tracking Number 002238815 FLE		
5. Generator's Name and Mailing Address Cherry Farm PRP Group 4100 River Road Tonawanda, NY 14150				Generator's Site Address (if different than mailing address) SAME			
Generator's Phone: (716) 706-0074							
6. Transporter 1 Company Name Clean Harbors Environmental Services Inc				U.S. EPA ID Number MA0030322250			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors Deer Park LP 2027 Independence Parkway South La Porte, TX 77571				U.S. EPA ID Number TXD088141378			
Facility's Phone: (281) 930-2300							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	X	1. NO. UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., POLYCHLORINATED BIPHENYLS, 9. PG III	003	DM	00075	K	B007 OUTS4091 B
	X	2. NO. UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., POLYCHLORINATED BIPHENYLS, 9. PG III	001	DM	00035	K	B007 OUTS4091 B
		3.					
		4.					
14. Special Handling Instructions and Additional Information 1. CH342038 EPC8171/185 7 x 35 2. CH342050 EPC8171/185 7 x 35							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Brent Miller on behalf of Cherry Farm PRP Group				Signature 		Month Day Year 04 29 09	
TRANSPORTER	16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
	Transporter signature (for exports only): _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Steve Ricci		Signature 		Month Day Year 04 27 09		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. 111340		2. 11140		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: 0223815 FLS

GENERATOR NAME: Chen, Y. et al. N. Group

ADDRESS: Guthrie Rd

Tenawanda, 04/01/50

EPA ID NUMBER: MD7147U33

[illegible]

NOTES

1. **Type/Description:** Brief description of the unit such as:
 - (i) **Transformer** (> 500 ppm or < 500 ppm)
 - (ii) **Capacitor**
 - (iii) **Bulk Liquid/Solid** (tanker or rolloff)
 - (iv) **PCB Container** - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
 - (v) **PCB Article Container** - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If more than one item (batch) is present in the container (tank), the reported date for the entire container (tank) must be the first (i.e., the earliest) date.
4. **Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: 02-03-0001

GENERATOR NAME:

ADDRESS:

EPA ID NUMBER:

[illegible]

NOTES

1. **Type/Description:** Brief description of the unit such as:
 - (i) **Transformer** (> 500 ppm or < 500 ppm)
 - (ii) **Capacitor**
 - (iii) **Bulk Liquid/Solid** (tanker or rolloff)
 - (iv) **PCB Container** - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
 - (v) **PCB Article Container** - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If more than one item (batch) is present in the container (tank), the reported date for the entire container (tank) must be the first (i.e., the earliest) date.
4. **Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER

GENERATOR NAME:

ADDRESS:

EPA ID NUMBER:

[illegible]

NOTES

1. **Type/Description:** Brief description of the unit such as:
 - (i) **Transformer** (> 500 ppm or < 500 ppm)
 - (ii) **Capacitor**
 - (iii) **Bulk Liquid/Solid** (tanker or rolloff)
 - (iv) **PCB Container** - A container in direct contact w/ PCBs, such as a drum containing PCB spill debris
 - (v) **PCB Article Container** - A container not in direct contact w/ PCBs, such as a drum containing one or more non-leaking motors, light ballasts, etc.
2. **Serial No. or Other ID No.:** Serial Number must be reported if one is present; if not, assign a unique number.
3. **Date Removed From Service For Disposal:** The date when the item was taken out of service for disposal. If more than one item (batch) is present in the container (tank), the reported date for the entire container (tank) must be the first (i.e., the earliest) date.
4. **Weight:** Volume may be reported in gallons; however, the weight in kilograms is preferred.

NEW YORK STATE GENERATOR RESTRICTED WASTE NOTIFICATION/CERTIFICATION
FOR PCB WASTES

ALL NEW YORK STATE GENERATORS WHO GENERATE PCB WASTE MUST ATTACH THIS
ADDENDUM TO CHI FORM LDR1

(THIS NOTIFICATION/CERTIFICATION IS ONLY APPLICABLE WITHIN THE STATE OF NEW
YORK)

Generator Name: Cherry Farm PRP Group
EPA ID No. NYD071470033

Signature: Brent White on behalf of Cherry Farms PRP Group
Date: 04-29-09

Manifest No.: 002238815 FCF

This Addendum to CHI Form LDR1 must be completed for any New York state regulated hazardous waste generated in the State of New York. This form ensures that New York State generators comply with the notification requirements of 6 NYCRR Part 376. All New York State generators shipping PCB waste which is a New York State regulated hazardous waste must check the box and indicate the applicable waste code below.

☒ CHECK HERE The waste associated with the above manifest includes New York State Regulated PCB Waste which is land restricted in the State of New York and is subject to 6 NYCRR Part 376.4(f). This waste shall be disposed of in accordance with 40 CFR Part 761. Pursuant to 376.4(f)(1)(i), B002 waste from any source other than a spill may not be stabilized or mixed with any other substance to conform with any provision of 40 CFR Part 761 regarding land disposal if the disposal occurs in the State of New York.

Check all which apply: ☐ B001 ☐ B002 ☐ B003 ☐ B004 ☐ B005

☐ B006* (see below)

☒ B007* (see below)

- Generators are required to certify that their B006 and/or B007 waste can be land disposed in accordance with 40 CFR Part 761 without further treatment if:
 - a. The waste is a B006, and is a transformer which has been drained and flushed pursuant to 40 CFR 761.60(b)(1)(i)(B), or
 - b. The waste is a B007 and does not contain PCBs which have been deliberately solidified.

☒ CHECK HERE if the B006 and/or B007 waste associated with this manifest conforms to either "a" or "b"

and is intended for land disposal, and sign this form at the top of the page. In accordance with 6 NYCRR Part 376.1(g)(1)(ii) the generator makes the following certification:

"I certify under penalty of law that I personally have examined and am familiar with the waste, through analysis and testing or through knowledge of the waste, to support this certification that the waste complies with the treatment standards specified in Part 376, section 376.4 and all applicable prohibitions set forth in subdivision 376.3(b) of Part 376 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."



57081

Materials and Supplies Packing List

Date: 04/23/2009

Job Owner: 05 SALES

722302666

Created By: Krista Marie Gloden

Attention Drivers: Call 1-877-333-4244 with Additions or Questions Regarding this Order

Generator Code: CH5542

Customer Code: GE10146

Manifest Mailing Address:	Site Address:	Customer Address:
Cherry Farm PRP Group 4100 River Road Tonawanda, NY 14150	Cherry Farm PRP Group 4100 River Road Tonawanda, NY 14150	Groundwater & Environmental Services Inc 158 Sonwil Drive Cheektowaga, NY 14225
EPA ID #: NYD071470033	State EPA ID #:	Purchase Order No: NO PO NEEDED

Actual Qty	Qty	Item Description	UOM	Component Code
2	4	85 G / 320 L Steel Drum, Reconded 1A2/X400/S (Overpack)	EA	DM85STL

Signature:

[Signature] on behalf of Cherry Farm PRP group

Date: 04-29-2009

APPENDIX F
Institutional and Engineering Controls Certification Form



Enclosure 1
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details **Box 1**

Site No. 915063

Site Name Niagara Mohawk - Cherry Farm

Site Address: River Road (near 4000 River Road) **Zip Code:** 14150

City/Town: Tonawanda

County: Erie

Allowable Use(s) (if applicable, does not address local zoning):

Site Acreage: 56.0

Owner: Niagara Mohawk Power Corp.

300 Erie Blvd. West, Syracuse, NY 13202

Reporting Period: March 25, 2009 to March 25, 2010 ← January 1, 2009 to December 31, 2009

Verification of Site Details

Box 2

YES NO

1. Is the information in Box 1 correct?

☐

☒

If NO, are changes handwritten above or included on a separate sheet?

☒

☐

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?

☐

☒

If YES, is documentation or evidence that documentation has been previously submitted included with this certification?

☐

☐

3. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

☐

☒

If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification?

☐

☐

4. If use of the site is restricted, is the current use of the site consistent with those restrictions?

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If NO, is an explanation included with this certification?

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5. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

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NA

If YES, is the new information or evidence that new information has been previously submitted included with this Certification?

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6. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years)?

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NA

If NO, are changes in the assessment included with this certification?

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SITE NO. 915063

Box 3

Description of Institutional Controls

Parcel

Institutional Control

S_B_L Image: 51.20-1-1

Building Use Restriction
Landuse Restriction
Monitoring Plan
O&M Plan

Box 4

Description of Engineering Controls

Parcel

Engineering Control

S_B_L Image: 51.20-1-1

Cover System
Fencing/Access Control
Leachate Collection
Pump & Treat

Attach documentation if IC/ECs cannot be certified or why IC/ECs are no longer applicable.
(See instructions)

Control Description for Site No. 915063

Parcel: 51.20-1-1

Hazardous wastes were excavated and pulled back from the perimeter remedial investigation areas and consolidated. PAH sediments were hydraulically dredged from the Niagara River and discharged on to the River Road portion of the site to settle. Shallow groundwater recovery wells were installed along the shoreline. Recovered leachate is pumped to an onsite treatment plant. A soil cap/cover was installed and seeded. Embayments and select plantings were installed along the shoreline for habitat objectives.

Other controls for the remediation are the Consent Order, September 27, 1994 and Deed Restriction, January 27, 1999, respectively.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

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2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

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3. If this site has an Operation and Maintenance (O&M) Plan (or equivalent as required in the Decision Document);

I certify by checking "YES" below that the O&M Plan Requirements (or equivalent as required in the Decision Document) are being met.

YES NO

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4. If this site has a Monitoring Plan (or equivalent as required in the remedy selection document);

I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent as required in the Decision Document) is being met.

YES NO

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IC CERTIFICATIONS
SITE NO. 915063

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I WILLIAM R JONES at NATIONAL GRID
print name 300 ERIE BLVD WEST
SYRACUSE NY 13202
print business address

am certifying as OWNER'S REPRESENTATIVE (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

William R Jones
Signature of Owner or Remedial Party Rendering Certification

5/17/2010
Date

IC/EC CERTIFICATIONS

Box 7

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) SIGNATURE

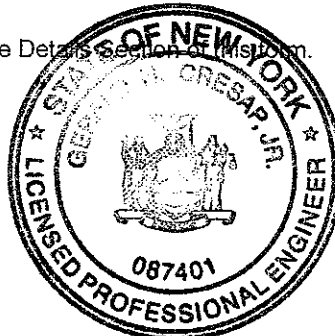
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gerald H. Cresap, Jr. at Groundwater & Environmental Services, Inc.
print name 364 Littleton Rd.
Westford, MA 01886
print business address

am certifying as a Qualified Environmental Professional for the OWNER'S REPRESENTATIVE

(Owner or Remedial Party) for the Site named in the Site Details Section of this form.

Gerald H. Cresap, Jr.
Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification



Stamp (if Required)

5/18/2010
Date