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February 27, 2015

Mr. Brian Sadowski, Project Manager
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SUBJ: 2014 Annual Periodic Review Report
Cherry Farm Site (NYSDEC Site No. 9-15-063)
River Road Site (NYSDEC Site No. 9-15-031)
4100 River Road, Tonawanda, New York 14150
File No. 442205

Dear Mr. Sadowski:

On behalf of the Potentially Responsible Parties Group (PRP Group) of Honeywell International, Inc. and National Grid, Groundwater & Environmental Services, Inc. (GES) is pleased to submit the attached Periodic Review Report (PRR). The report was prepared in accordance with the PRR General Guidance document provided by the New York State Department of Environmental Conservation and documents the implementation of and compliance with site management requirements for the site. The reporting period encompasses January 1, 2014 through December 31, 2014.

If you have any questions, please contact the undersigned at (800) 287-7857 (ext. 4353).

Thank you.

Regards,

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Periodic Review Report
2014 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)
File No. 442205

SUBMITTED TO:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SUBMITTED BY:

CHERRY FARM/RIVER ROAD SITE
Potentially Responsible Parties

PREPARED BY:

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February 2015

2014 Annual Periodic Review Report
Cherry Farm/River Road Site (NYSDEC 9-15-063/9-15-031)
4100 River Road, Tonawanda, New York
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TABLE OF CONTENTS

2014 Annual Periodic Review Report
Cherry Farm/River Road Site (NYSDEC 9-15-063/9-15-031)
4100 River Road, Tonawanda, New York
File No. 442205

LIST OF FIGURES

LIST OF TABLES

2014 Annual Periodic Review Report
Cherry Farm/River Road Site (NYSDEC 9-15-063/9-15-031)
4100 River Road, Tonawanda, New York
File No. 442205

LIST OF APPENDICES

2014 Annual Periodic Review Report
Cherry Farm/River Road Site (NYSDEC 9-15-063/9-15-031)
4100 River Road, Tonawanda, New York
File No. 442205

EXECUTIVE SUMMARY

INTRODUCTION

This Periodic Review Report (PRR) and 2014 Annual Report for the Cherry Farm/River Road site summarizes the monitoring and maintenance activities conducted from January 1 through December 31, 2014. The work was conducted as part of the required post-construction operations, maintenance, and monitoring (OM&M) program. The goals of the OM&M program are to monitor and evaluate groundwater and surface water quality and to monitor and maintain the integrity of the landfill, which includes the cap, offshore barrier islands and shoreline wetlands.

The OM&M program follows procedures specified in the OM&M manual developed by Parsons of Williamsville New York (Parsons). The OM&M manual was revised by Parsons on September 6, 2006 to reflect New York State Department of Environmental Conservation approved changes, including elimination of nine extraction wells and reduction in sampling and analysis program. The OM&M manual has been subsequently updated by GES with the latest update dated April 2013.

PROGRAM METHODOLOGY

In accordance with the procedures outlined in the OM&M Manual (dated April, 2013), annual sampling includes sampling of the collection trench sumps in the shallow aquifer and monitoring wells in the intermediate/deep aquifer, including recovery wells RW-4 and RW-5. The OM&M Manual prescribes that the season during which samples are collected will be varied and that the sampling events should be separated by a minimum of two quarters and a maximum of four quarters. For this reason, sampling events were conducted in the first quarter (March) and fourth quarter (November) of 2014.

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 TCL PCBs. Analytical results were compared to the Class GA Ambient Water Quality Standards/Guidance Values and Groundwater Effluent Limitations, found in the New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS 1.1.1). Surface water was not present in any of the surface water sampling locations during the sampling events or site inspections in 2014.

Water level monitoring was conducted on a quarterly basis and included the monitoring wells, extraction wells, sumps, and observation wells. The water level data from the wells and sumps was used to construct hydrographs to evaluate hydraulic gradient. The water level data from the monitoring wells was used to construct groundwater contour maps. Groundwater contour maps and hydrographs are discussed in **Section 3** and included in **Figures 3.2a-d, 3.3a-d, and 3.4a-c**.

Routine cap/site inspections were completed during the reporting period by Groundwater & Environmental Services, Inc. (GES) on a monthly basis, in conjunction with routine site visits. 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. Formal semi-annual inspections with NYSDEC were conducted on May 29 and December 22, 2014.

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 collects monthly and semi-annual treatment system samples for laboratory analyses. Monthly analyses include PCBs, pH, and total petroleum hydrocarbons (TPH). Semi-annual analyses include biochemical oxygen demand (BOD), total suspended solids (TSS), total cyanide, total phosphorus and zinc. The analytical results assist in determining if the treatment system is operating in accordance with the Discharge Limitations and Monitoring Requirements outlined in the discharge permit.

MONITORING SUMMARY

INTERMEDIATE/DEEP GROUNDWATER SAMPLING – MARCH 2014

In the intermediate/deep groundwater samples, VOCs were not detected in wells MW-1, MW-2, MW-3, MW-6, and RW-5. VOCs have been absent from most of these monitoring points since November 2008. VOCs were detected in concentrations exceeding Class GA quality standards/guidance values in wells MW-5 and RW-4. The following shows Class GA exceedances in MW-5 and RW-4:

- Benzene was detected at 1.4 and 1.3 micrograms per liter (µg/L) in MW-5 and RW-4, respectively.
- Total xylenes were only detected in RW-4 at a concentration of 5.7 µg/L.

Acetone was detected in MW-4, MW-5, and MW-7 in an amount below the Reporting Limit, but above the Method Detection Limit and thus was reported as an approximate value by Test America Laboratories, Inc. (Test America).

SVOCs were not detected in wells MW-1, MW-2, MW-3, MW-4, and MW-7. SVOC concentrations below Class GA quality standards/guidance values were detected in wells MW-5, MW-6, RW-4, and RW-5. The concentrations were all below the Reporting Limit, but above the Method Detection Limit and thus were reported as an approximate value by Test America.

PCBs were not detected at or above Method Detection Limit in any sampled well during 2014.

INTERMEDIATE/DEEP GROUNDWATER SAMPLING – NOVEMBER 2014

In the intermediate/deep groundwater samples, VOCs were not detected in wells MW-1, MW-2, MW-3, and MW-6. VOCs have been absent from most of these monitoring locations since November 2008. VOCs were detected in concentrations exceeding Class GA (groundwater) quality standards/guidance values in wells MW-5, RW-4, and RW-5. The following shows Class GA exceedances in MW-5, RW-4, and RW-5:

- Benzene was detected at 4.8, 14, and 4.4 µg/L in MW-5, RW-4, and RW-5, respectively.
- Ethylbenzene was only detected in RW-4 at a concentration of 10 µg/L.

Acetone was detected in monitoring well MW-4 in an amount below the Reporting Limit, but above the Method Detection Limit and thus was reported as an approximate value by Test America.

SVOCs were not detected in wells MW-1, MW-2, MW-3, MW-4, MW-6 and MW-7. SVOC concentrations below Class GA quality standards/guidance values were detected in wells MW-5, and RW-4. The concentrations were below the Reporting Limit, but above the Method Detection Limit and thus were reported as an approximate value by Test America. SVOCs were detected in recovery well RW-5 at 15 µg/L, above Class GA quality standards/guidance values.

PCBs were not detected at or above the Method Detection Limit in any sampled well during 2014.

SHALLOW GROUNDWATER SAMPLING – MARCH 2014

VOCs were not detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Only one VOC compound (total xylenes) was detected above Class GA quality standards/guidance values at a concentration of 8.9 µg/L in the sample from sample location S-4.

SVOCs were not detected in concentrations exceeding Class GA quality standards/guidance values in sample location S-1 and S-2. SVOCs were detected in concentrations exceeding Class GA quality standards/guidance values in S-3 and S-4. The following shows Class GA exceedances in S-2 and S-3:

- 2,4-dimethylphenol was detected at 22 and 41 µg/L in S-3 and S-4, respectively.
- 2-methylphenol was detected at 7.1 and 11 µg/L in S-3 and S-4, respectively.
- 4-methylphenol was detected at 16 and 18 µg/L in S-3 and S-4, respectively.
- Naphthalene was only detected in S-4 at a concentration of 18 µg/L .

The total SVOC concentrations in samples S-3 and S-4 are within the historical range for these monitoring points.

Pesticides were not detected in concentrations exceeding Class GA quality standards/guidance values in samples S-2 and S-3. Pesticides were detected in samples S-1 and S-4 at concentrations exceeding Class GA quality standards/guidance values. The following shows concentrations in exceedance of Glass GA quality standards/guidance values:

- Alpha-BHC was only detected in S-1 at a concentration of 0.018 µg/L.
- Delta-BHC was only detected in S-4 at a concentration of 0.070 µg/L.

PCBs were not detected at or above the Method Detection Limit in samples S-1 and S-2, but were detected in concentrations exceeding Class GA quality standards/guidance values in samples S-3 and S-4. PCBs (Aroclor 1016) were detected at 0.25 and 1.9 µg/L in S-3 and S-4, respectively.

The metals iron and sodium exceeded Class GA standards/guidance in one or more samples; however the total Resource Conservation and Recovery Act (RCRA) 8 metals concentrations have shown a relative decreasing trend since 2006. The following shows Class GA exceedances:

- Iron was only detected in S-1 at a concentration of 460 µg/L.
- Sodium was detected at 46,800, 41,700, and 59,000 µg/L in S-2, S-3, and S-4, respectively.

Light non-aqueous phase liquids (LNAPL) have not been identified in any of the monitored wells or sumps since August 2004.

SHALLOW GROUNDWATER SAMPLING – NOVEMBER 2014

VOCs were not detected in excess of the Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Total Xylenes exceeding Class GA standards/guidance values were detected in S-4 at a concentration of 5.9 µg/L.

SVOCs were detected in concentrations exceeding Class GA quality standards/guidance values in all sumps. The following shows Class GA exceedances:

- 2,4-dimethylphenol was detected at 18, 5.5, 18, and 20 µg/L at S-1 through S-4, respectively.
- 2-methylphenol was detected at 1.3, 13, and 6.5 µg/L at S-2, S-3, and S-4, respectively.
- 4-methylphenol was detected at 2.2, 25, and 9.5 µg/L S-2, S-3, and S-4, respectively.
- Benzo[b]fluoranthene was detected at 0.79, 0.65, 0.65, and 0.65 µg/L at S-1 through S-4, respectively.
- Indeno[1,2,3-cd]pyrene was only detected in S-1 at a concentration of 0.47 µg/L.

The total SVOC concentrations in all samples are within the historical range for these monitoring points.

Pesticides were detected in samples S-2, S-3, and S-4 at concentrations exceeding Class GA quality standards/guidance values. No pesticides were detected at or above Method Detection Limits in sample S-1. The following shows concentrations in exceedance of Glass GA quality standards/guidance values:

- Alpha-BHC was detected at 0.011, 0.022 and 0.012 µg/L in S-2, S-3, and S-4, respectively,
- Delta-BHC was only detected in S-4 at a concentration of 0.064 µg/L.

PCBs were not detected in sample S-2 but detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-3, and S-4 at concentrations of 0.63 (Aroclor 1248), 0.74 (Aroclor 1232) and 7.6 (Aroclor 1232) µg/L, respectively.

The metals iron, manganese, and sodium exceeded standards/guidance in one or more samples. The following are concentrations exceeding Class GA standards/guidance values:

- Iron was only detected in S-1 at a concentration of 4,100 µg/L in S-1.
- Manganese was only detected in S-1 at a concentration of 590 µg/L.

- Sodium was detected at 68,000, 46,200, 54,700, and 58,000 µg/L in S-1 through S-4, respectively.

The total RCRA 8 metals concentrations have shown a relative decreasing trend since 2006.

Light non-aqueous phase liquids (LNAPL) have not been identified in any of the wells or sumps since August 2004.

SURFACE WATER GROUNDWATER SAMPLING

Surface water was not present in any of the surface water sampling locations during the March and November 2014 sampling events.

WATER LEVEL MONITORING

Quarterly water level monitoring was completed in March 27, June 27, September 29, and November 5, 2014. Water table elevations for the monitoring wells, observation wells, and sumps were generally higher than the water elevation of the Niagara River for the reporting period with the exception of MW-3 and OW-1 during the June 2014 gauging event, OW-1 and S-4 during the September 2014 gauging event, and S-1 during the November 2014 gauging event. This indicates that both the intermediate/deep and shallow groundwater is generally flowing towards the Niagara River with the exceptions noted above.

SEMI-ANNUAL CAP INSPECTIONS

Two semi-annual formal cap inspections with NYSDEC personnel were conducted on May 29, 2014 and December 22, 2014. There were no deficiencies noted during the inspections with NYSDEC.

SYSTEM EFFECTIVENESS

During system operation, the average flow rate for 2014 was approximately 5.51 gallons per minute (gpm), which is higher when compared to the average flow rate for 2013 (4.88 gpm). However, it is lower when compared to the average flow rates for 2012 (5.78 gpm) and 2011 (6.84 gpm). The system up-time for 2014 was approximately 98%. Approximately 2,860,642 gallons of groundwater were treated and discharged to the Town of Tonawanda Wastewater Treatment Facility during 2014. Based on the annual sampling data from the remedial system sumps and the total gallons treated and discharged by the system in 2014, approximately 1.143 pounds of VOCs, 8.123 pounds of SVOCs, 0.011 pounds of pesticides and 0.013 pounds of PCBs were removed in 2014. No surface overflows were observed from the trench during the reporting period.

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. A site location map is provided as **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 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 trench (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 extraction 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 trench, 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 trench.

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, 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 shallow collection trench still operates and treated water 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 former groundwater extraction system;
- Observation wells OW-1 through OW-9 to measure the hydraulic gradient of shallow groundwater, as it enters the shallow collection trench;
- Sumps S-1 through S-4, located in the shallow collection trench, 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 and reduced to semi-annually from 1998 through 2004. Starting in 2005 groundwater sampling was reduced to a rotating annual sampling schedule of once every three quarters.

SECTION 2
PROGRAM METHODOLOGY

2.1 INSTITUTIONAL AND ENGINEERING CONTROLS

The following is a list of institutional and engineering controls created for the site by NYSDEC:

Cherry Farm

- Fencing/Access Control
- Cover System
- Groundwater Treatment System
- Monitoring Plan
- OM&M Plan
- Leachate Collection
- Building Use Restriction
- Land Use Restriction

River Road

- Fencing/Access Control
- Cover System
- Groundwater Treatment System
- Monitoring Plan
- OM&M Plan
- Leachate Collection

As provided in previous PRR and Annual Reports, **Table 2.1 and Table 2.1a** provide brief descriptions of the controls for each site based on GES' and the PRP Group'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 E**.

2.2 GROUNDWATER QUALITY MONITORING

The monitoring wells and sumps were sampled in accordance with the OM&M Manual. 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). The shallow groundwater quality was monitored at the four sumps (S-1 through S-4) located in the collection trench. The monitoring wells and sumps were sampled on March 27 and 28, 2014 and on November 3 and 4, 2014. Note that the OM&M Manual indicates that each year, the season during which samples are collected will be varied and sampling events should be separated by a minimum of two quarters, and a maximum of four quarters. For this reason, sampling events were conducted in the first quarter and fourth quarter of 2014. 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 2014 are provided in **Appendix B**.

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 Total PCBs. Associated QA/QC samples were collected, including one field duplicate, one matrix spike, one matrix spike duplicate, and two 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 delivered same-day to an approved laboratory in accordance with chain-of-custody procedures. Groundwater sample analyses were performed by TestAmerica Laboratories, 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 2014 sampling events. Surface water has not been observed on site since 2007.

2.4 WATER LEVEL MONITORING

Quarterly groundwater level monitoring was completed in March 27, June 27, September 29, and November 5, 2014. 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. Groundwater elevation data for the reporting period is provided in **Table 2.2**. The contour maps and hydrographs are discussed in **Section 3**. A historical water level database is provided in **Appendix B**.

Groundwater levels were measured at each of the following locations:

- The intermediate/deep groundwater monitoring wells MW-1 through MW-7, RW-4, and RW-5. The monitoring wells (MW-1 through MW-7) were installed to assess groundwater quality and efficiency of the former groundwater extraction system. The water level data collected from the monitoring wells is used to construct groundwater contour maps for the site. The hydrographs (**Figures 3.3a** through **3.3d**) provide a comparison of water levels in the monitoring/recovery wells and the water level of the river.
- Observation wells (OW-1 through OW-9) were installed to measure the hydraulic gradient of shallow groundwater. The hydrographs constructed from the data are used to show that the shallow groundwater is flowing towards the Niagara River, which is ultimately intercepted by the shallow collection trench. The hydrographs (**Figures 3.4b and 3.4c**) provide a comparison of water levels in the observation wells and the water level of the river.

- Sumps S-1 through S-4. The sumps were installed to assess the shallow groundwater quality and to collect LNAPL, if present. The hydrograph (**Figure 3.4 a**) provides a comparison of the water levels in the sumps and the water level in the river.

2.5 CAP INSPECTION AND MAINTENANCE ACTIVITIES

During the reporting period, routine cap/site inspections were completed by GES on a monthly basis, in conjunction with the routine site visits. Two formal semi-annual cap inspections were completed with NYSDEC personnel on May 29, 2014 and December 22, 2014. 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.

During the routine monthly inspections and NYSDEC inspections, there was no evidence of damage to the fencing, access gates, signage, treatment building, or exterior lighting at the treatment building observed. The monitoring and observation wells, and interceptor trench sumps were observed to be in good condition. There was no evidence of damage to the cover system or notation of excessive debris/litter.

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. Wildlife usage of the created habitats is readily apparent. The cap is mowed annually, after August 15^{th,} to prevent disturbing on-site nesting bird populations.

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 sump influent and following final pH adjustment, prior to discharge to the Town (ML-2). Monthly analyses include PCBs, pH, and total petroleum hydrocarbons. Semi-annual analyses include biochemical oxygen demand (BOD), total suspended solids (TSS), total cyanide, total phosphorus and zinc. Additionally a monthly sample is collected from between the two carbon units, and analyzed for PCBs to monitor the effectiveness of the carbon. Treatment system analytical results for 2014 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, 2014 are provided in **Table 2.3** and are discussed in **Section 3**.

2.7 WASTE

On October 15, 2014, two 55-gallon drums containing spent carbon from the partial carbon change out, two 55 gallon carbon filter units, and one drum of PPE were collected for disposal by Clean Harbors Environmental Services, Inc. (CHES) of East Syracuse, New York and transported to Clean Harbors Deer Park, LLC disposal facility in Cincinnati, Texas. The hazardous waste manifest is provided in **Appendix F**.

SECTION 3
MONITORING SUMMARY

3.1 GROUNDWATER QUALITY

Annual sampling conducted on March 27 and 28, 2014, and November 3 and 4, 2014 included the collection of groundwater samples from monitoring wells to assess intermediate/deep groundwater quality, and from the sumps located in the shallow collection trench, 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 2014 intermediate/deep groundwater and the shallow groundwater analytical data is summarized in **Table 3.1** and **Table 3.2** providing detected compounds only. A groundwater analytical data table providing complete results for all wells sampled during the March and November 2014 groundwater sampling events is included in **Appendix A**. Groundwater sample results were compared to the Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations found in NYSDEC Technical and Operational Guidance Series (TOGS 1.1.1). The complete laboratory reports for the current reporting period are also provided in **Appendix A**. Historically detected compounds for all samples collected to date are summarized in **Appendix B**, and are arranged by sampling location to facilitate comparison of concentrations at each sampling point over time. Concentration trend graphs for monitoring well samples are provided for VOCs (**Figure 3.1a**), SVOCs (**Figure 3.1b**), and PCBs (**Figure 3.1c**). Concentration trends for the sump samples are provided for VOCs (**Figure 3.1d**), SVOCs (**Figure 3.1e**), PCBs (**Figure 3.1f**), Pesticides (**Figure 3.1g**), and 8-RCRA Metals (**Figure 3.1h**). Copies of the groundwater sampling logs are provided in **Appendix C**.

3.1.1 Intermediate/Deep Groundwater Quality

INTERMEDIATE/DEEP GROUNDWATER SAMPLING – MARCH 2014

In the intermediate/deep groundwater samples, VOCs were not detected in wells MW-1, MW-2, MW-3, MW-6, and RW-5. VOCs have been absent from most of these monitoring points since November 2008. VOCs were detected in concentrations exceeding Class GA quality standards/guidance values in wells MW-5 and RW-4. The following shows Class GA exceedances in MW-5 and RW-4:

- Benzene was detected at 1.4 and 1.3 µg/L in MW-5 and RW-4, respectively.
- Total xylenes were only detected at RW-4 at a concentration of 5.7 µg/L.

Acetone was detected in MW-4, MW-5, and MW-7 in an amount below the Reporting Limit, but above the Method Detection Limit and thus was reported as an approximate value by Test America.

SVOCs were not detected in wells MW-1, MW-2, MW-3, MW-4, and MW-7. SVOC concentrations below Class GA quality standards/guidance values were detected in wells MW-5, MW-6, RW-4, and RW-5. The concentrations were all below the Reporting Limit, but above the Method Detection Limit and thus were reported as an approximate value by Test America.

PCBs were not detected at or above Method Detection Limit in any sampled well during 2014.

INTERMEDIATE/DEEP GROUNDWATER SAMPLING – NOVEMBER 2014

In the intermediate/deep groundwater samples, VOCs were not detected in wells MW-1, MW-2, MW-3, and MW-6. VOCs have been absent from most of these monitoring locations since November 2008. VOCs were detected in concentrations exceeding Class GA quality standards/guidance values in wells MW-5, RW-4, and RW-5. The following shows Class GA exceedances in MW-5, RW-4, and RW-5:

- Benzene was detected at 4.8, 14, and 4.4 µg/L in MW-5, RW-4, and RW-5, respectively,
- Ethylbenzene was only detected in RW-4 at a concentration of 10 µg/L.

Acetone was detected in monitoring well MW-4 in an amount below the Reporting Limit, but above the Method Detection Limit and thus was reported as an approximate value by Test America.

SVOCs were not detected in monitoring wells MW-1, MW-2, MW-3, MW-4, MW-6 and MW-7. SVOC concentrations below Class GA quality standards/guidance values were detected in wells MW-5 and RW-4. The concentrations were below the Reporting Limit, but above the Method Detection Limit and thus were reported as an approximate value by Test America. Napthalene was only detected above Class GA quality standards/guidance values in RW-5 at a concentration of 15 µg/L.

PCBs were not detected in any monitoring location during either of the 2014 sampling events.

3.1.2 Shallow Groundwater Quality

SHALLOW GROUNDWATER SAMPLING – MARCH 2014

VOC concentrations at sample locations S-1, S-2, and S-3 were below applicable Class GA quality standards/guidance values. Only one VOC compound (total xylenes) was detected above Class GA quality standards/guidance values in S-4 at a concentration of 8.9 µg/L.

SVOCs were detected below applicable Class GA quality standards/guidance values in samples S-1 and S-2. SVOCs were detected in concentrations exceeding Class GA quality standards/guidance values in S-3 and S-4. The following shows Class GA exceedances in S-2 and S-3:

- 2,4-dimethylphenol was detected at 22 and 41 µg/L in S-3 and S-4, respectively.
- 2-methylphenol was detected at 7.1 and 11 µg/L in S-3 and S-4, respectively.
- 4-methylphenol was detected at 16 and 18 µg/L in S-3 and S-4, respectively.
- Naphthalene was only detected in S-4 at a concentration of at 18 µg/L.

The total SVOC concentrations in samples S-3 and S-4 are within the historical range for these monitoring points.

Pesticides were not detected in concentrations exceeding Class GA quality standards/guidance values in samples S-2 and S-3. Pesticides were detected in samples S-1 and S-4 at concentrations exceeding Class GA quality standards/guidance values. The following shows concentrations in exceedance of Glass GA quality standards/guidance values:

- Alpha-BHC was only detected in S-1 at a concentration of 0.018 µg/L.
- Delta-BHC was only detected in S-4 at a concentration of 0.070 µg/L.

PCBs were not detected at or above the Method Detection Limit in samples S-1 and S-2, but were detected in concentrations exceeding Class GA quality standards/guidance values in samples S-3 and S-4. PCBs (Aroclor 1016) were detected at 0.25 and 1.9 µg/L in S-3 and S-4, respectively.

The metals iron, and sodium exceeded Class GA standards/guidance in one or more samples; however, the total RCRA 8 metals concentrations have shown a relative decreasing trend since 2006. The following shows concentrations in exceedance of Glass GA quality standards/guidance values:

- Iron was only detected in S-1 at a concentration of 460 µg/L.
- Sodium was detected at 46,800, 41,700, and 59,000 µg/L in S-2, S-3, and S-4, respectively.

No sheen was observed in any of the sumps during the March or November 2014 sampling events. 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.

SHALLOW GROUNDWATER SAMPLING – NOVEMBER 2014

VOCs were not detected in excess of the Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Total Xylenes were only detected above Class GA quality standards/guidance values in S-4 at a concentration of 5.9 µg/L.

SVOCs were detected in concentrations exceeding Class GA quality standards/guidance values in all sumps. The following shows concentrations in exceedance of Glass GA quality standards/guidance values:

- 2.4-dimethylphenol was detected at 18, 5.5, 18, and 20 µg/L at S-1 through S-4, respectively.
- 2-methylphenol was detected at 1.3, 13, and 6.5 µg/L at S-2, S-3, and S-4, respectively.
- 4-methylphenol was detected at 2.2, 25, and 9.5 µg/L S-2, S-3, and S-4, respectively.
- Benzo[b]fluoranthene was detected at 0.79, 0.65, 0.65, and 0.65 µg/L at S-1 through S-4, respectively.
- Indeno[1,2,3-cd]pyrene was only detected in S-1 at a concentration of 0.47 µg/L.

The total SVOC concentrations in all samples are within the historical range for these monitoring points.

Pesticides were detected in samples S-2, S-3, and S-4 at concentrations exceeding Class GA quality standards/guidance values. Pesticides were not detected at or above Method Detection Limits in sample S-1. The following shows concentrations in exceedance of Class GA quality standards/guidance values:

- Alpha-BHC was detected at 0.011, 0.022 and 0.012 µg/L in S-2, S-3, and S-4, respectively.
- Delta-BHC was only detected in S-4 at a concentration of 0.064 µg/L.

PCBs were not present in sample location S-2 but detected in concentrations exceeding Class GA quality standards/guidance values in samples from locations S-1, S-3, and S-4 at concentrations of 0.63 (Aroclor 1248), 0.74 (Aroclor 1232) and 7.6 (Aroclor 1232) µg/L, respectively.

The metals iron, manganese, and sodium exceeded Class GA standards/guidance values in one or more samples. The following shows concentrations in exceedance of Glass GA quality standards/guidance values:

- Iron was only detected in S-1 at a concentration of 4,100 µg/L in S-1 only.
- Manganese was only detected in S-1 at a concentration of 590 µg/L.
- Sodium was detected at 68,000, 46,200, 54,700, and 58,000 µg/L in S-1 through S-4, respectively.

The total RCRA 8 metals concentrations have shown a relative decreasing trend since 2006.

No sheen was observed in any of the sumps during the March or November 2014 sampling events. 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 March or November 2014 sampling events. A summary of historically detected compounds in surface water is provided in **Appendix B**.

3.1.4 Intermediate/Deep Groundwater Flow

Intermediate/deep zone groundwater contour maps were developed based on the March 27 (**Figure 3.2a)**, June 27 (**Figure 3.2b)**, September 29 (**Figure 3.2c)**, and November 5 (**Figure 3.2d)**, 2014 water level data. As has been consistently observed, the flow direction is primarily to the west, towards the Niagara River. The 2014 groundwater elevation data is provided in **Table 2.2** and hydrographs, with groundwater elevation data from 2010 to 2014, are provided in **Figures 3.3a-d**. 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 collection trench was reportedly modeled and designed without the trench membrane barrier. The barrier was subsequently added to minimize, but not eliminate, the rate of groundwater contribution from the Niagara River into the shallow collection trench. The system was designed as a groundwater sink to capture shallow groundwater and LNAPL. Four sumps, located within the trench, pump groundwater into a conveyance pipeline. This pipeline conveys the groundwater to the on-site treatment plant for processing and discharge.

The groundwater treatment facility is located on the River Road portion of the site (**Figure 1.2**). The groundwater treatment system includes oil/water separation, flow equalization, pH adjustment, and granular activated carbon filtration.

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 trench. OW-9 was installed 15 feet above the trench, adjacent to the former sediment disposal area (SDA).

3.2.2 System Effectiveness

During system operation, the average flow rate for 2014 was approximately 5.51 gallons per minute (gpm), which is higher when compared to the average flow rate for 2013 (4.88 gpm); however, it is lower when compared to the average flow rates for 2012 (5.78 gpm) and 2011 (6.84 gpm). The system up-time for 2014 was approximately 98%. Aside from normal down-time for routine maintenance checks, other issues that caused additional down-time were the replacement of electrical components related to the clear well pump starters, line flushing events, replacement of flow box discharge line, sporadic power outages, troubleshooting of the alarm notification system related to pH caused by a broken mixer shaft in T2 tank, and sewer line work performed by the Town of Tonawanda. Approximately 2,860,642 gallons of groundwater were treated and discharged to the Town of Tonawanda Wastewater Treatment Facility during 2014. Based on the annual sampling data from the remedial system sumps and the total gallons treated and discharged by the system in 2014, approximately 1.143 pounds of VOCs, 8.123 pounds of SVOCs, 0.011 pounds of pesticides and 0.013 pounds of PCBs were removed in 2014. Mass removal data is provided in **Table 3.3**. No surface overflows were observed from the trench during the reporting period.

2014 groundwater elevation data is provided in **Table 2.2.** Hydrographs for the sumps (**Figure 3.4a**) and shallow observation wells (**Figures 3.4b** and **3.4c)** provide groundwater elevation trends as well as well as comparison with the level of the Niagara River for the last five years. Historical water level data and hydrographs for the sumps and observation wells**,** from 1997 to the present**,** are provided in **Appendix B**. Water table elevations for the nine observation wells in 2014 were higher than the Niagara River, except OW-1 during the June 27, and September 29, 2014 gauging events. Historic water table elevations for the nine observation wells have generally been higher than the surface water elevation of the Niagara River. Given the proximity of the wells and the Niagara River, this indicates that shallow groundwater is flowing towards the Niagara River, which is then intercepted by the passive shallow groundwater trench. Water table elevations for the four sumps in 2014 were higher than the Niagara River, except S-4 during the September 2014 gauging event, and S-1 during the November 2014 gauging event. In reviewing the hydrographs for the sumps, historic water table elevations have generally remained slightly above the water elevation of the Niagara River.

SECTION 4
SUMMARY, CONLUSIONS AND RECOMMENDATIONS

The objective of the post-construction monitoring program is 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.

March 2014 Intermediate/deep Aquifer –

- VOCs were not detected in wells MW-1, MW-2, MW-3, MW-6, and RW-5. VOCs have been absent from most of these monitoring points since November 2008. VOCs were detected in concentrations exceeding Class GA quality standards/guidance values in wells MW-5 and RW-4. Benzene was detected at 1.4 and 1.3 µg/L in MW-5 and RW-4, respectively. Total xylenes were detected at 5.7 µg/L in RW-4 only. Acetone was detected in MW-4, MW-5, and MW-7 in an amount below the Reporting Limit, but above the Method Detection Limit and thus was reported as an approximate value by TestAmerica.

- SVOCs were not detected in wells MW-1, MW-2, MW-3, MW-4, and MW-7. SVOC concentrations below Class GA quality standards/guidance values were detected in wells MW-5, MW-6, RW-4, and RW-5. The concentrations were all below the Reporting Limit, but above the Method Detection Limit and thus were reported as an approximate value by Test America.

- PCBs were not detected at or above Method Detection Limit in any sampled well during 2014.

March 2014 Shallow Groundwater -

- VOCs were not detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Only one VOC compound (total xylenes) was detected at 8.9 µg/L and above Class GA quality standards/guidance values in the sample from sample location S-4. SVOCs were not detected in concentrations exceeding Class GA quality standards/guidance values in sample location S-1 and S-2.

- SVOCs were detected in concentrations exceeding Class GA quality standards/guidance values in S-3 and S-4. 2,4-dimethylphenol was detected at 22 and 41 µg/L in S-3 and S-4, respectively. 2-methylphenol was detected at 7.1 and 11 µg/L in S-3 and S-4, respectively. 4-methylphenol was detected at 16 and 18 µg/L in S-3 and S-4, respectively. Naphthalene was detected at 18 µg/L in S-4 only. The total SVOC concentrations in samples S-3 and S-4 are within the historical range for these monitoring points.

- Pesticides exceeding Class GA quality standards/guidance values were detected in samples S-1 and S-4. Alpha-BHC was detected in sample S-1 at 0.018 µg/L. Delta-BHC was detected in sample S-4 at 0.070 µg/L. No pesticides were detected above standards/guidance values in samples S-2 and S-3.

- PCBs (Aroclor 1016) were not detected at or above the Method Detection Limit in samples S-1 and S-2, but were detected in concentrations exceeding Class GA quality standards/guidance values in samples S-3 and S-4 at concentrations of 0.25 and 1.9 µg/L, respectively. The metals iron, and sodium exceeded Class GA standards/guidance in one or more samples. Iron was detected at 460 µg/L in S-1 only, Sodium was detected at 46,800, 41,700, and 59,000 µg/L in S-2, S-3, and S-4, respectively. Total RCRA 8 metals concentrations have shown a relative decreasing trend since 2006.

November 2014 Intermediate/deep Aquifer

- VOCs were not detected in wells MW-1, MW-2, MW-3, and MW-6. VOCs have been absent from most of these monitoring locations since November 2008. VOCs were detected in concentrations exceeding Class GA quality standards/guidance values in wells MW-5, RW-4, and RW-5. Benzene was detected at 4.8, 14, and 4.4 µg/L in MW-5, RW-4, and RW-5, respectively. Ethylbenzene was detected at 10 µg/L in RW-4 only. Acetone was detected in monitoring well MW-4 in an amount below the Reporting Limit, but above the Method Detection Limit and thus was reported as an approximate value by Test America.

- SVOCs were not detected in wells MW-1, MW-2, MW-3, MW-4, MW-6 and MW-7. SVOC concentrations below Class GA quality standards/guidance values were detected in wells MW-5, and RW-4. SVOCs above Class GA quality standards/guidance values were detected in recovery well RW-5. Napthalene was detected in monitoring location RW-5 at 15 µg/L.

- PCBs were not detected at or above the Method Detection Limit in any sampled well during 2014.

November 2014 Shallow Groundwater

- VOCs were not detected in excess of the Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Total Xylenes were detected in S-4 at a concentration of 5.9 µg/L.

- SVOCs were detected in concentrations exceeding Class GA quality standards/guidance values in all sumps. 2.4-dimethylphenol was detected at 18, 5.5, 18, and 20 µg/L at S-1 through S-4, respectively. 2-methylphenol was detected at 1.3, 13, and 6.5 µg/L at S-2, S-3, and S-4, respectively. 4-methylphenol was detected at 2.2, 25, and 9.5 µg/L S-2, S-3, and S-4, respectively. Benzo[b]fluoranthene was detected at 0.79, 0.65, 0.65, and 0.65 µg/L at S-1 through S-4, respectively. Indeno[1,2,3-cd]pyrene was detected at 0.47 µg/L at S-1

only. The total SVOC concentrations in all samples are within the historical range for these monitoring points.

- Pesticides were detected in samples S-2, S-3, and S-4 at concentrations exceeding Class GA quality standards/guidance values. Alpha-BHC was detected at 0.011, 0.022 and 0.012 µg/L in S-2, S-3, and S-4, respectively. Delta-BHC was detected at 0.064 µg/L in S-4 only. No pesticides were detected at or above Method Detection Limits in sample S-1.

- PCBs were absent in sample S-2 but detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-3, and S-4 at concentrations of 0.63 (Aroclor 1248), 0.74 (Aroclor 1232) and 7.6 (Aroclor 1232) µg/L, respectively.

- The metals iron, manganese, and sodium exceeded standards/guidance in one or more samples. Iron was detected at 4,100 µg/L in S-1 only. Manganese was detected at 590 µg/L in S-1 only. Sodium was detected at 68,000, 46,200, 54,700, and 58,000 µg/L in S-1 through S-4, respectively. The total RCRA 8 metals concentrations have shown a relative decreasing trend since 2006.

- No LNAPL has been identified in any of the wells or sumps since August 2004.

- There was no surface water present in any of the surface water sampling points at the time of the March or November 2014 sampling events.

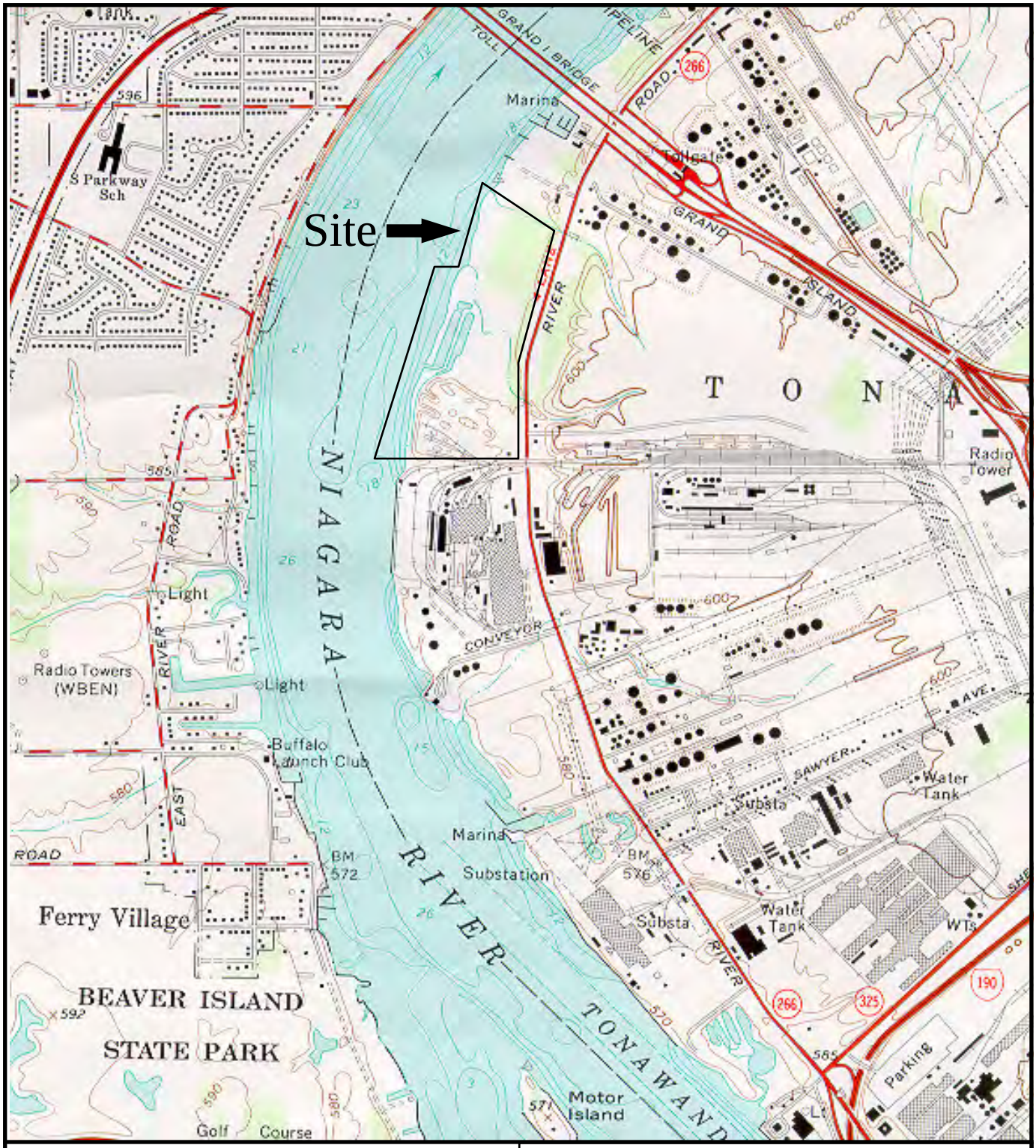
- There were no deficiencies noted during GES's routine monthly cap inspections or during the semi-annual cap inspections with NYSDEC personnel in May and December 2014.

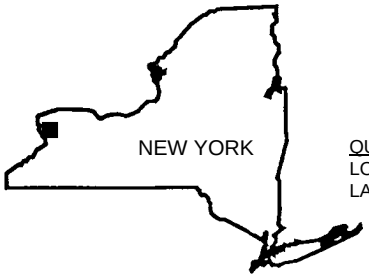
- During system operation, the average flow rate for 2014 was approximately 5.51 gallons per minute (gpm), which is higher when compared to the average flow rate for 2013 (4.88 gpm); however, it is lower when compared to the average flow rates for 2012 (5.78 gpm) and 2011 (6.84 gpm). The system up-time for 2014 was approximately 98%. Approximately 2,860,642 gallons of groundwater were treated and discharged to the Town of Tonawanda Wastewater Treatment Facility during 2014. Based on the annual sampling data from the remedial system sumps and the total gallons treated and discharged by the system in 2014, approximately 1.143 pounds of VOCs, 8.123 pounds of SVOCs, 0.011 pounds of pesticides and 0.013 pounds of PCBs were removed in 2014. No surface overflows were observed from the trench during the reporting period

- Monthly analytical discharge data for the reporting period indicates that the treatment system had been operating/discharging in accordance with the Town of Tonawanda sewer discharge permit. The signed permit is included in **Appendix D**.

- Periodic Review Reports will continue to be submitted on an annual basis.

FIGURES





N

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

RIVER ROAD
RIVER WALK PATH
RIVER ROAD
RIVER WALK PATH
RIVER WALK PATH
MW1
MW2
ACCESS GATE
38" X 57" CULVERT
STONE PARKING LOT
STONE ACCESS ROAD
MW3
CHERRY FARM SITE
(NYSDEC SITE NO. 9-15-063)
SW-1
OW1
S1
OW2
MW4
DRAINAGE EASEMENT
BARRIER ISLAND
GABION WALL
OW3
RW4
S2
MW5
NIAGARA RIVER
U.S. HARBOR LINE
BARRIER ISLAND
OW4
OW5
RW5
GABION WALL
BARRIER ISLAND
S3
OW6
STAFF GAUGE
U.S. HARBOR LINE
GABION WALL
SW-2
NIAGARA RIVER
RIVER ROAD SITE
(NYSDEC SITE
NO. 9-15-031)
DRAINAGE SWALE
DRAINAGE SWALE
MW7
12" CMP
12" CMP
GROUNDWATER TREATMENT PLANT
OW9
OW7
S4
MW6
OW8
SW-3

LEGEND

- PROPERTY BOUNDARY
- FENCE
- TRENCH SUMP
- MONITORING WELL
- OBSERVATION WELL
- SHALLOW GROUNDWATER TRENCH
- GROUNDWATER CONVEYANCE PIPING

DRAFTED BY: W.G.S. (N.J.)	**SITE MAP**
CHECKED BY: J.K.C	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK
REVIEWED BY: T.D.P.	Groundwater & Environmental Services, Inc. 158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225
NORTH	SCALE IN FEET: 0 APPROXIMATE 250 / DATE: 12-30-14 / FIGURE: 1.2

M:\Graphics\0900-Buffalo\Misc\Cherry Farms\Tonawanda\Cherry Farms (Tonawanda)SM.dwg, 3/18/2008 11:03:42 AM, WShea

Figure 3.1a - Monitoring Well Concentration Trend Total VOCs

CHERRY FARM / RIVER ROAD SITE

4100 RIVER ROAD, TONAWANDA, NEW YORK

(NYSDEC SITE NO. 9-15-063/9-15-031)

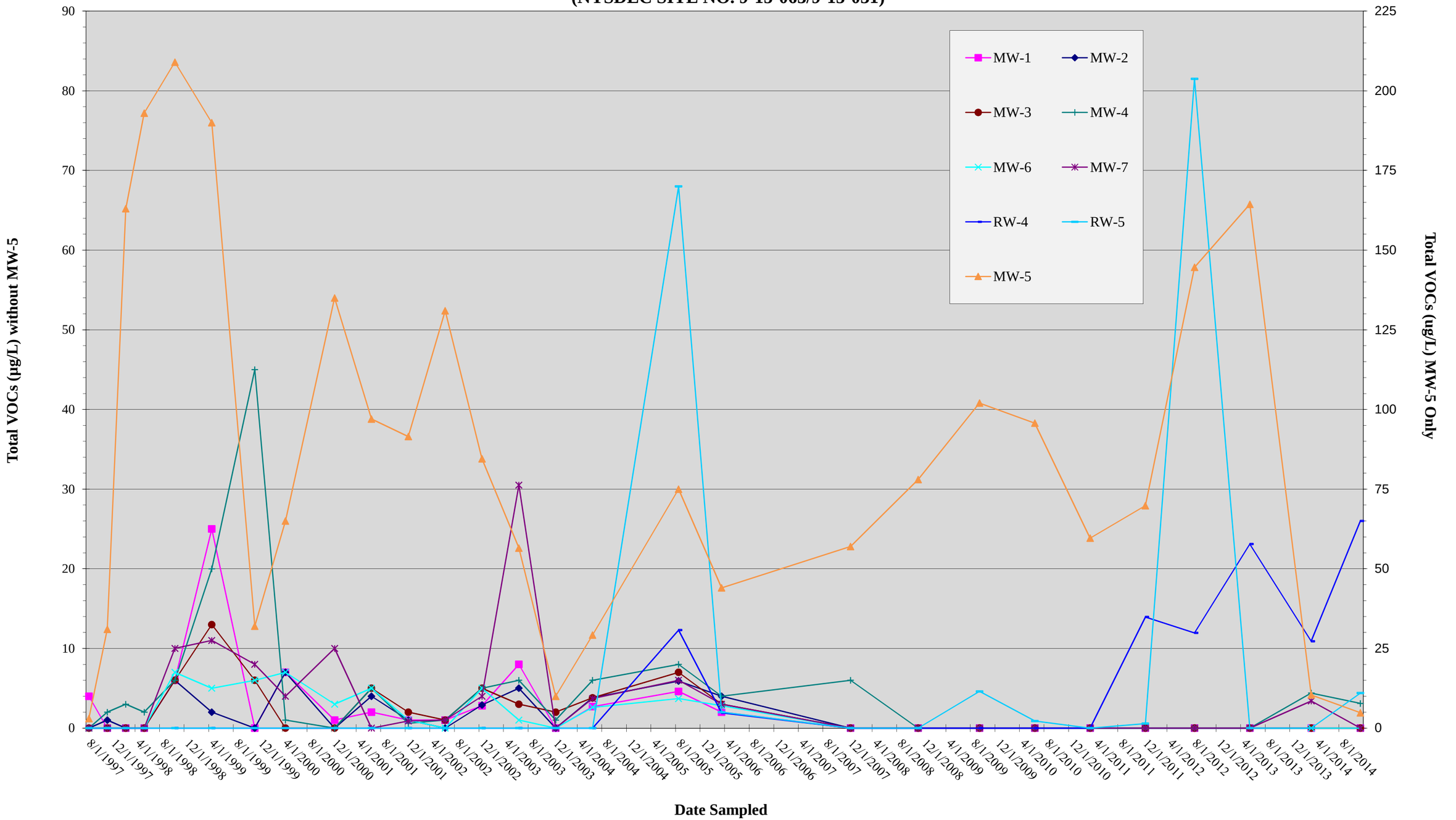


Figure 3.1b - Monitoring Well Concentration Trend Total SVOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

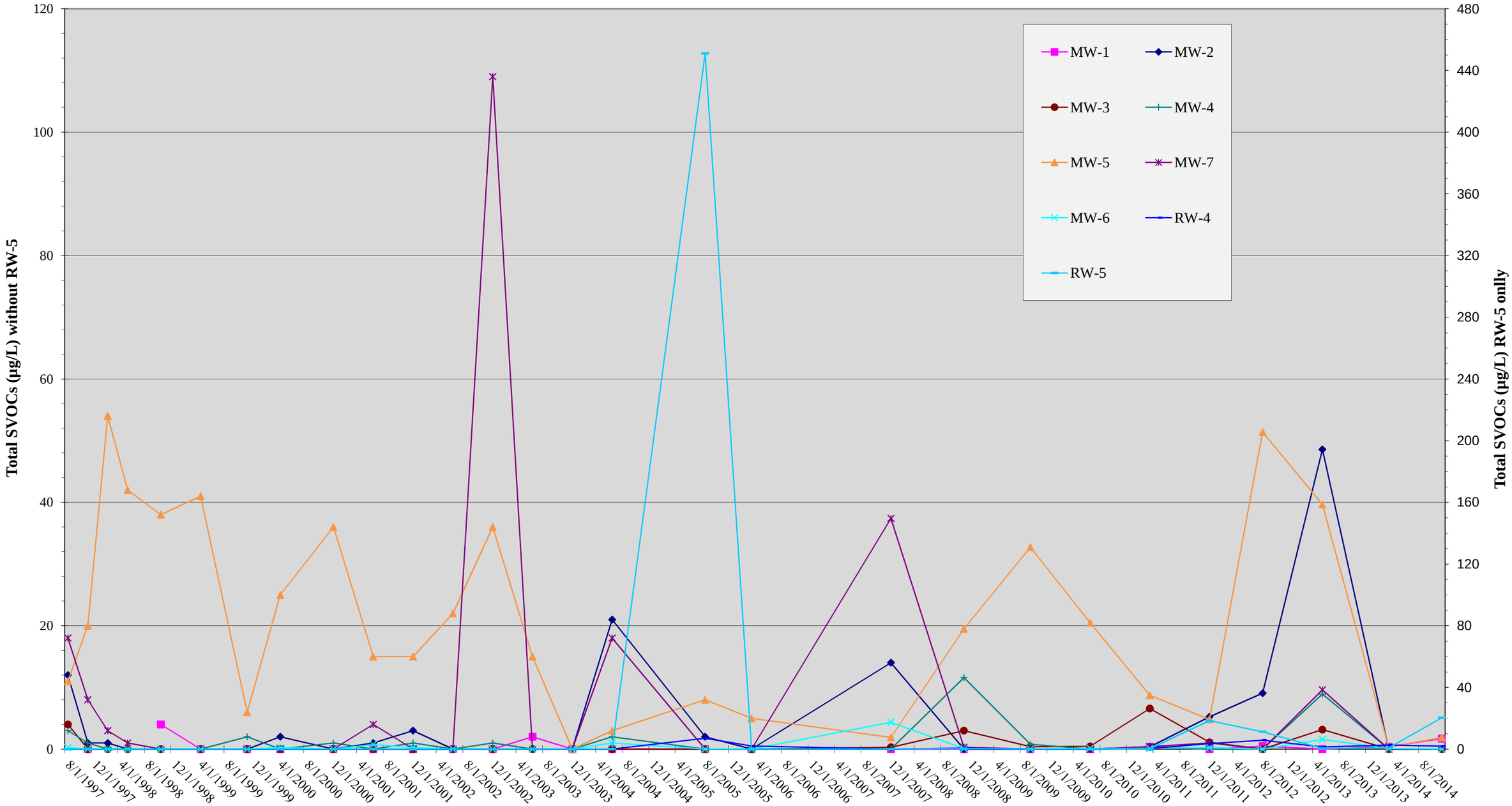


Figure 3.1c - Monitoring Well Concentration Trend Total PCBs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

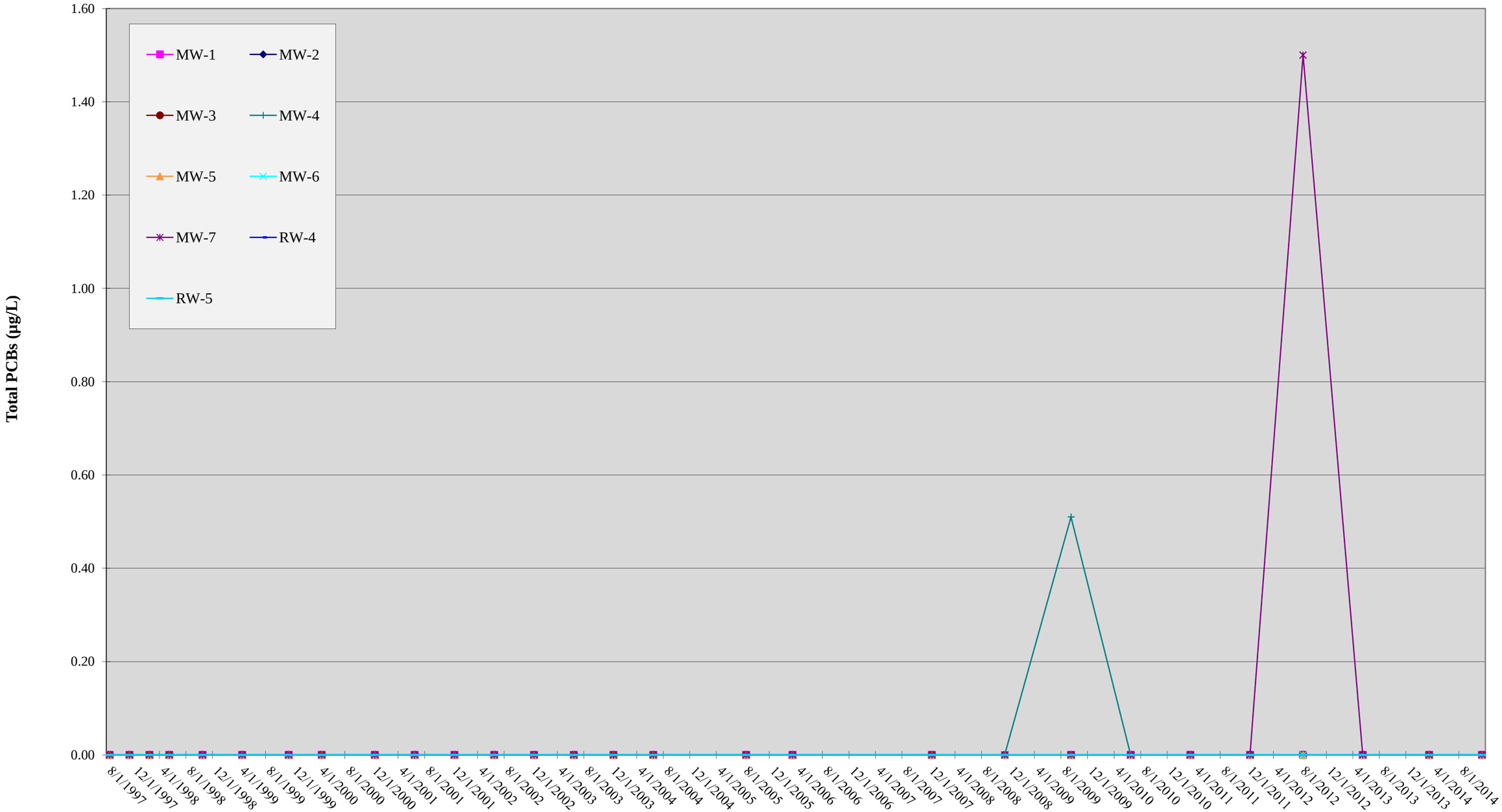


Figure 3.1d - Sump Concentration Trend Total VOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

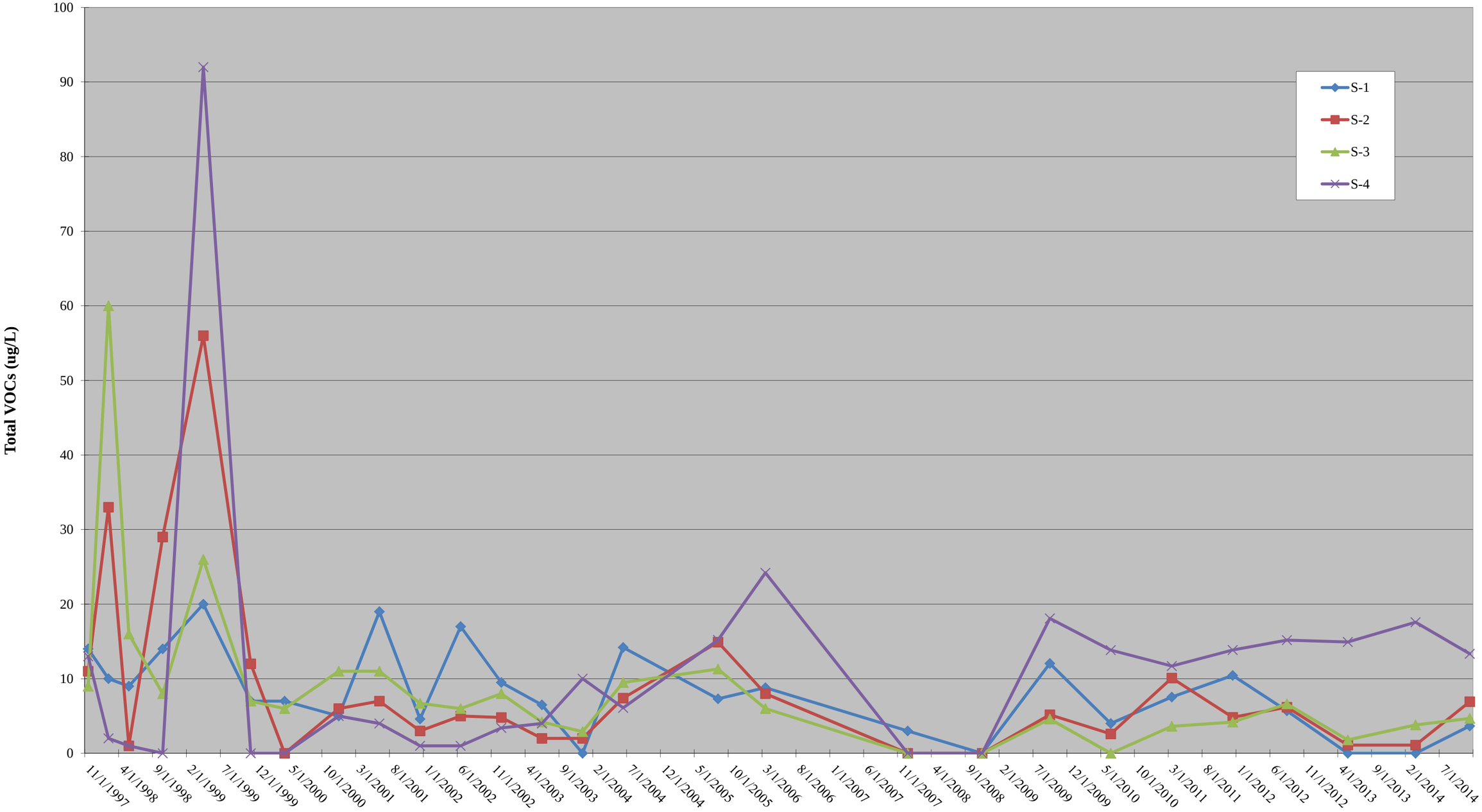


Figure 3.1e - Sump Concentration Trend Total SVOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

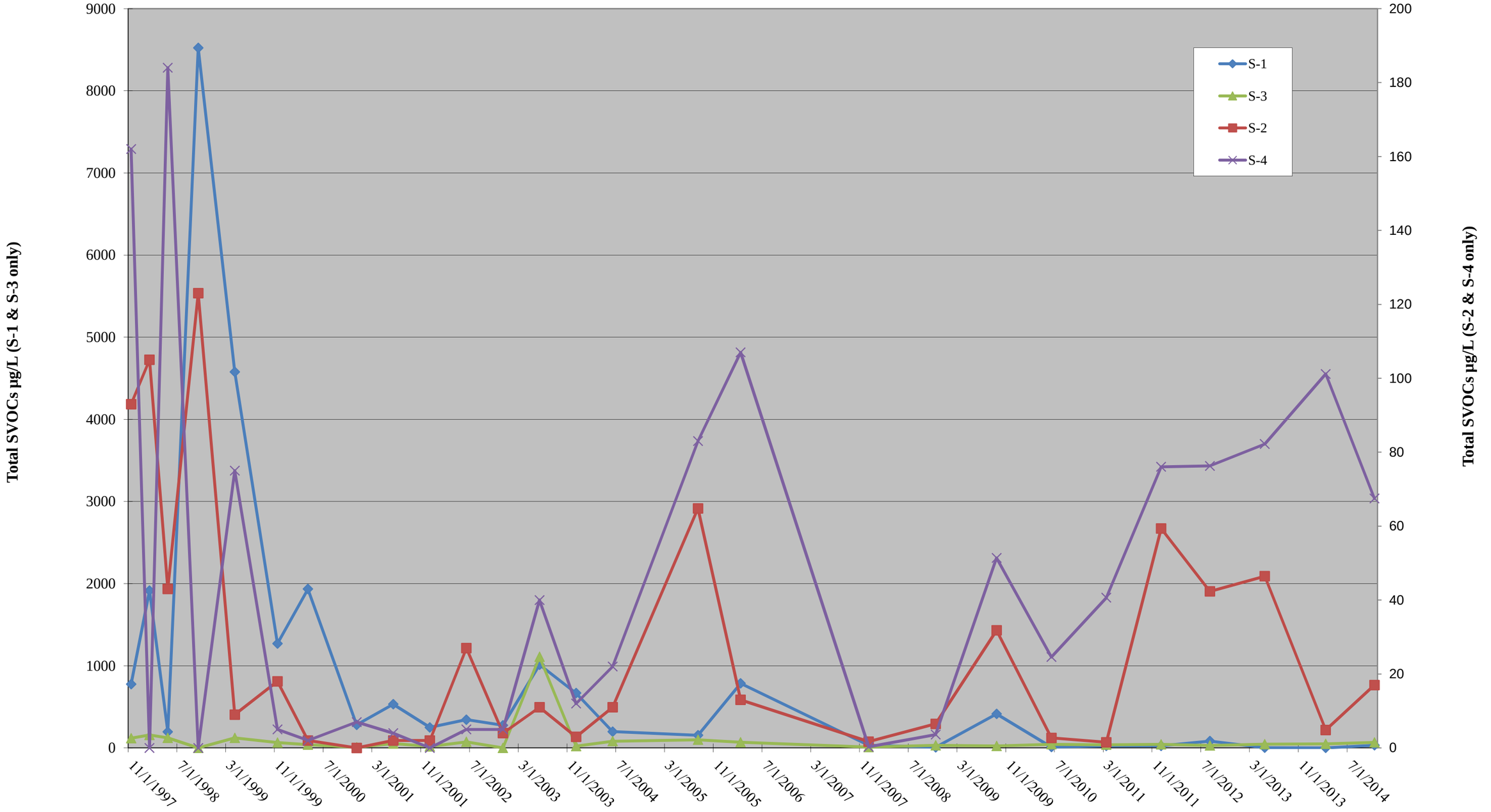


Figure 3.1f - Sump Concentration Trend Total Polychlorinated Biphenyls
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

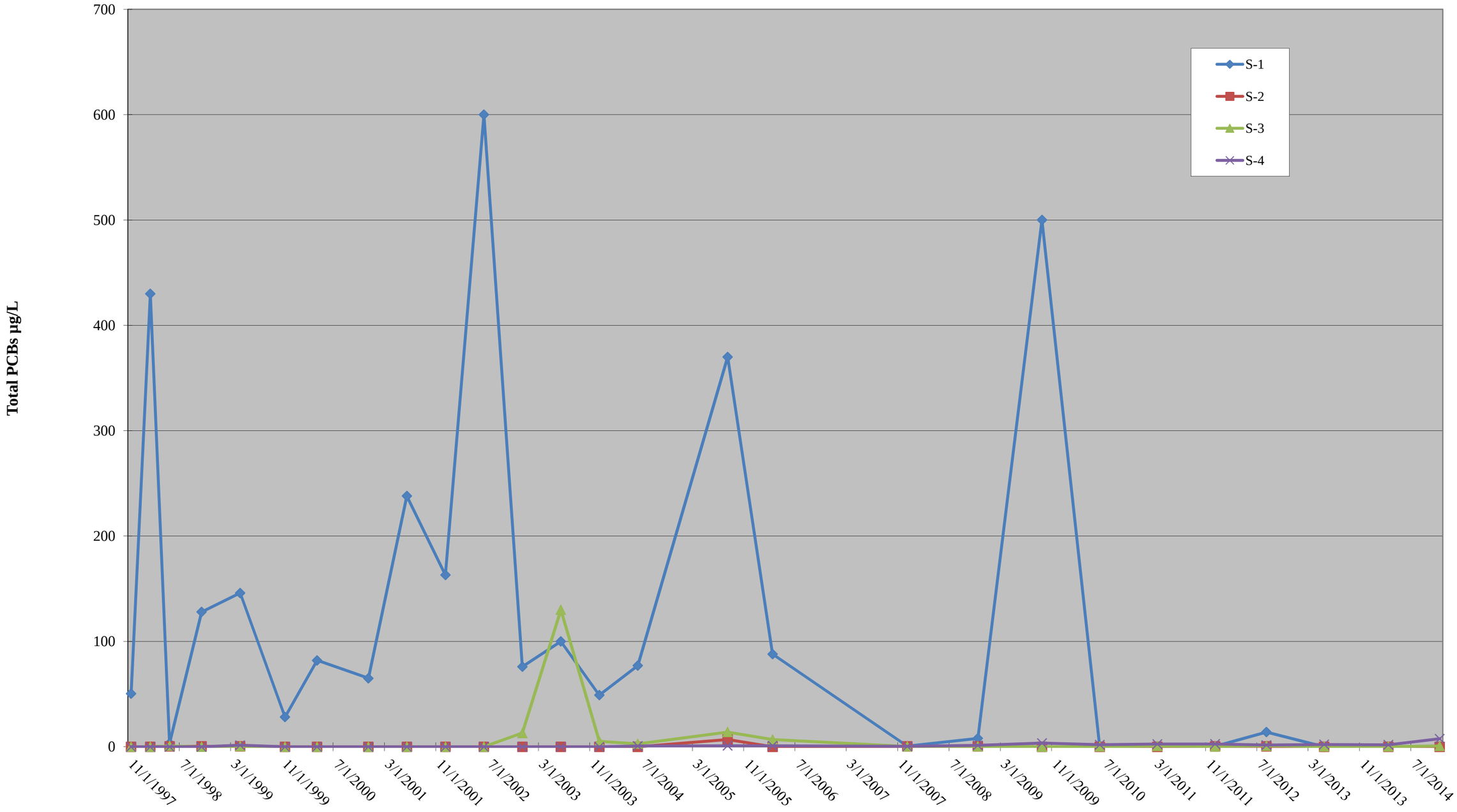


Figure 3.1g - Sump Concentration Trend Total Pesticides
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

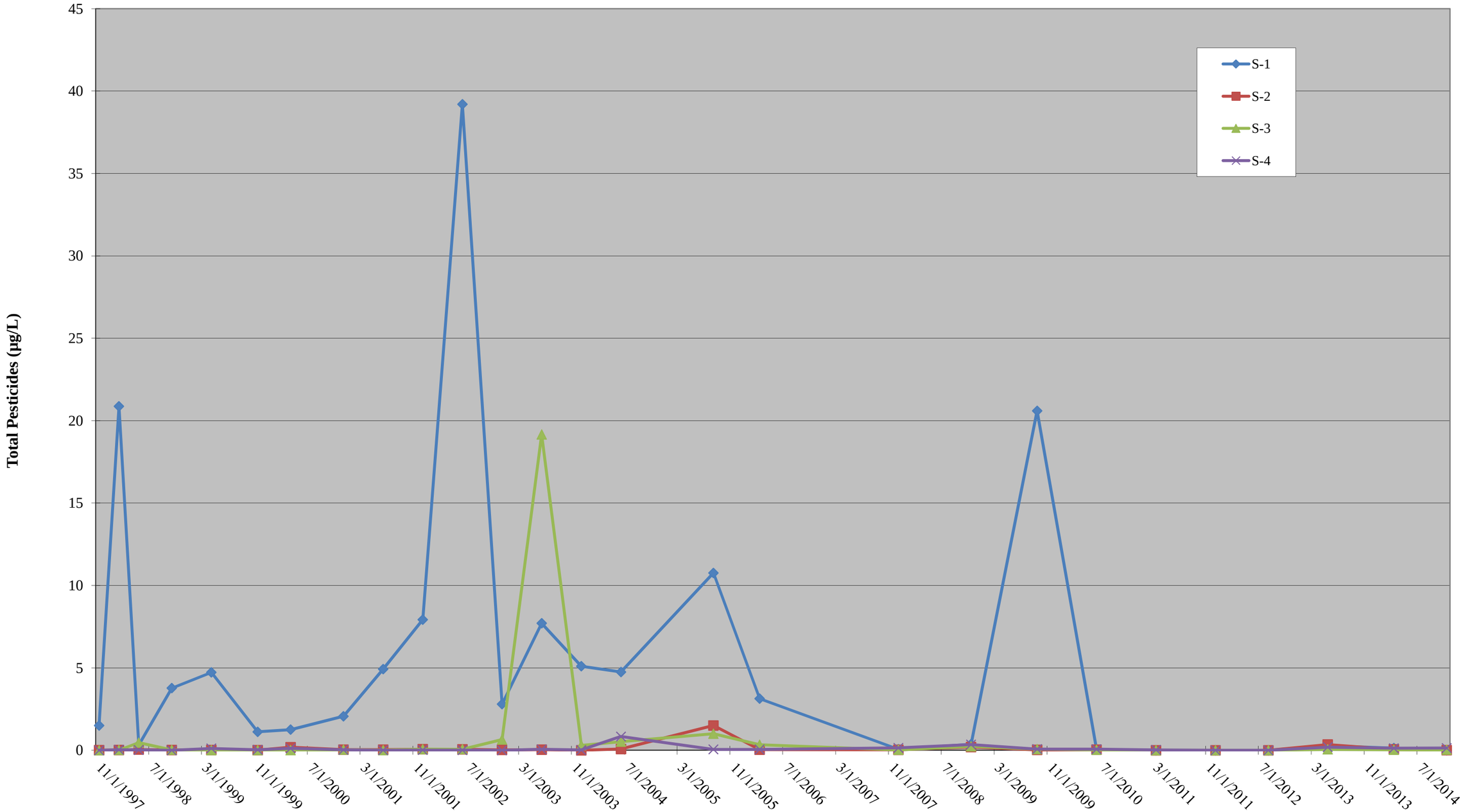
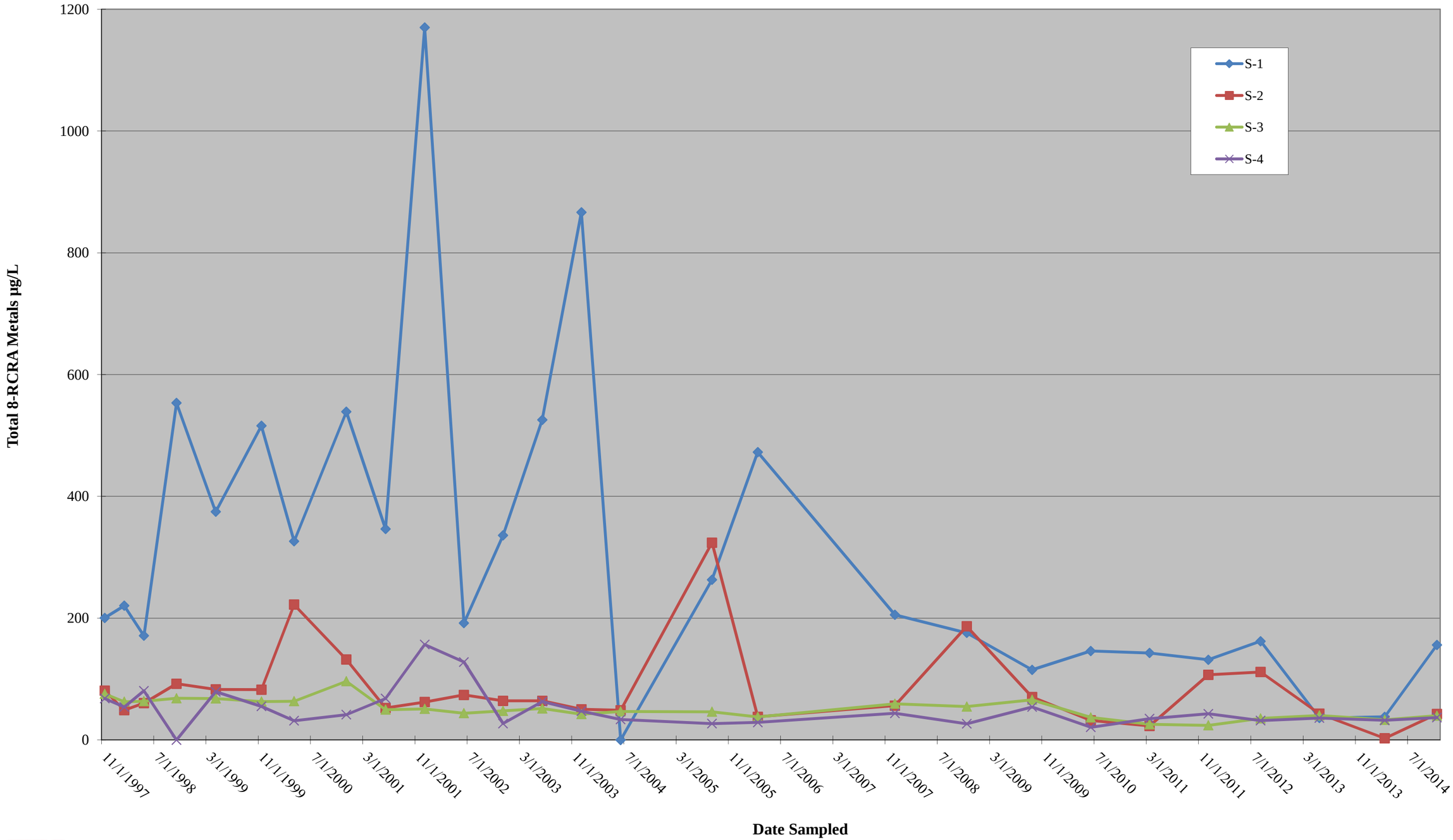


Figure 3.1h - Sump Concentration Trend Total RCRA Metals

CHERRY FARM / RIVER ROAD SITE

4100 RIVER ROAD, TONAWANDA, NEW YORK

(NYSDEC SITE NO. 9-15-063/9-15-031)



RIVER ROAD
RIVER WALK PATH
RIVER ROAD
RIVER WALK PATH
RIVER WALK PATH
565.60
565.40
565.20
565.00
564.80
MW1
(565.63)
ACCESS GATE
38" X 57" CULVERT
(564.85)
MW2
STONE PARKING LOT
STONE ACCESS ROAD
(564.66)
MW3
CHERRY FARM SITE
(NYSDEC SITE NO. 9-15-063)
SW-1
OW1
S1
OW2
MW4
(565.08)
DRAINAGE EASEMENT
DRAINAGE SWALE
RIVER ROAD SITE
(NYSDEC SITE
NO. 9-15-031)
BARRIER ISLAND
GABION WALL
OW3
(564.82)
RW4
S2
(564.63)
MW5
NIAGARA RIVER
U.S. HARBOR LINE
BARRIER ISLAND
OW4
OW5
RW5
(564.80)
GABION WALL
BARRIER ISLAND
S3
(563.79)
RIVER 565-79
GABION WALL
STAFF GAUGE
OW6
U.S. HARBOR LINE
OW7
S4
MW6
(564.33)
OW8
OW9
SW-2
SW-3
NIAGARA RIVER
(565.18)
DRAINAGE SWALE
MW7
CMP
CMP
CMP
GROUNDWATER TREATMENT PLANT
565.00
564.80
564.60
564.40

LEGEND

- PROPERTY BOUNDARY
- FENCE
- TRENCH SUMP
- MONITORING WELL
- OBSERVATION WELL
- SHALLOW GROUNDWATER TRENCH
- GROUNDWATER CONVEYANCE PIPING
- (564.66) GROUNDWATER ELEVATION (feet)
- GROUNDWATER CONTOUR (feet) DASHED WHERE INFERRED

DRAFTED BY: W.G.S. (N.J.)	GROUNDWATER CONTOUR MAP MARCH 28, 2014
CHECKED BY: J.K.C	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK
REVIEWED BY: T.D.P.	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225
NORTH	SCALE IN FEET: 0 APPROXIMATE 250 / DATE: 12-30-14 / FIGURE: 3.2a

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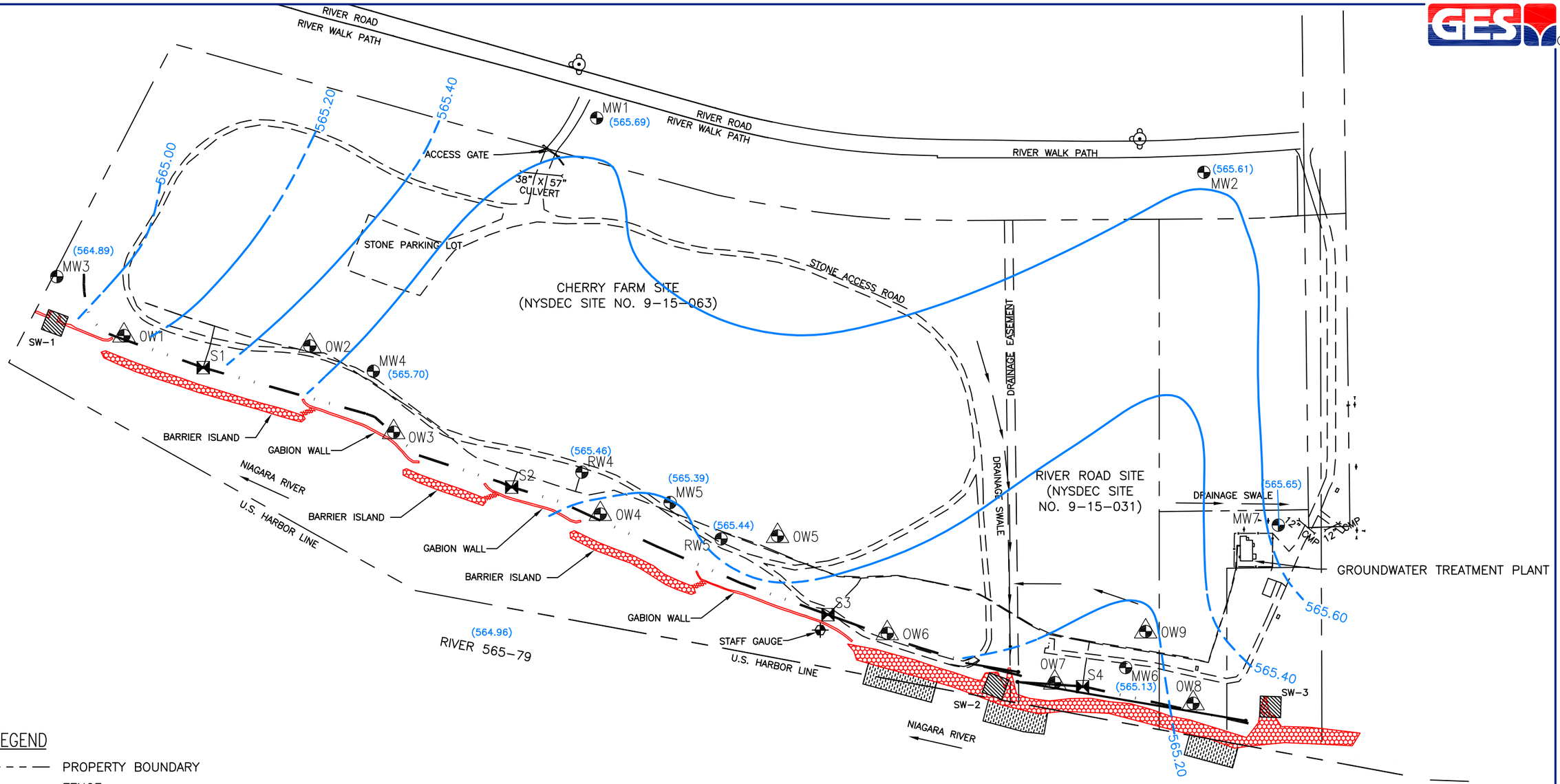

LEGEND

- PROPERTY BOUNDARY
- FENCE
- TRENCH SUMP
- MONITORING WELL
- OBSERVATION WELL
- SHALLOW GROUNDWATER TRENCH
- GROUNDWATER CONVEYANCE PIPING
- (564.89) GROUNDWATER ELEVATION (feet)
- GROUNDWATER CONTOUR (feet) DASHED WHERE INFERRED

DRAFTED BY: W.G.S. (N.J.)	GROUNDWATER CONTOUR MAP JUNE 27, 2014
CHECKED BY: J.K.C	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK
REVIEWED BY: T.D.P.	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225
NORTH	SCALE IN FEET: 0 APPROXIMATE 250 / DATE: 12-30-14 / FIGURE: 3.2b

M:\Graphics\0900-Buffalo\Misc\Cherry Farms\Tonawanda\Cherry Farms (Tonawanda) SM.dwg, B-250, 12/30/2014 11:52:46 AM, WShea

RIVER ROAD
RIVER WALK PATH
RIVER ROAD
RIVER WALK PATH
RIVER WALK PATH
ACCESS GATE
38" X 57" CULVERT
MW1 (565.73)
MW2 (565.20)
565.60
565.40
565.20
565.00
565.20
STONE PARKING LOT
STONE ACCESS ROAD
CHERRY FARM SITE
(NYSDEC SITE NO. 9-15-063)
(564.99) MW3
SW-1
OW1
S1
OW2
MW4 (565.35)
DRAINAGE EASEMENT
DRAINAGE SWALE
BARRIER ISLAND
GABION WALL
OW3
(565.26) RW4
S2
(565.11) MW5
NIAGARA RIVER
U.S. HARBOR LINE
BARRIER ISLAND
OW4
(565.15) RW5
OW5
GABION WALL
BARRIER ISLAND
S3
565.00
STAFF GAUGE
OW6
(564.62)
RIVER 565-79
U.S. HARBOR LINE
GABION WALL
SW-2
NIAGARA RIVER
RIVER ROAD SITE
(NYSDEC SITE NO. 9-15-031)
DRAINAGE SWALE
(565.17) MW7
1-3" CMP
12" CMP
GROUNDWATER TREATMENT PLANT
564.80
OW9
OW7
S4
MW6 (564.74)
OW8
565.00
SW-3

LEGEND

- PROPERTY BOUNDARY
- FENCE
- TRENCH SUMP
- MONITORING WELL
- OBSERVATION WELL
- SHALLOW GROUNDWATER TRENCH
- GROUNDWATER CONVEYANCE PIPING
- (564.99) GROUNDWATER ELEVATION (feet)
- GROUNDWATER CONTOUR (feet) DASHED WHERE INFERRED

DRAFTED BY: W.G.S. (N.J.)	GROUNDWATER CONTOUR MAP SEPTEMBER 29, 2014
CHECKED BY: J.K.C	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK
REVIEWED BY: T.D.P.	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225
NORTH	SCALE IN FEET: 0 APPROXIMATE 250 / DATE: 12-30-14 / FIGURE: 3.2c

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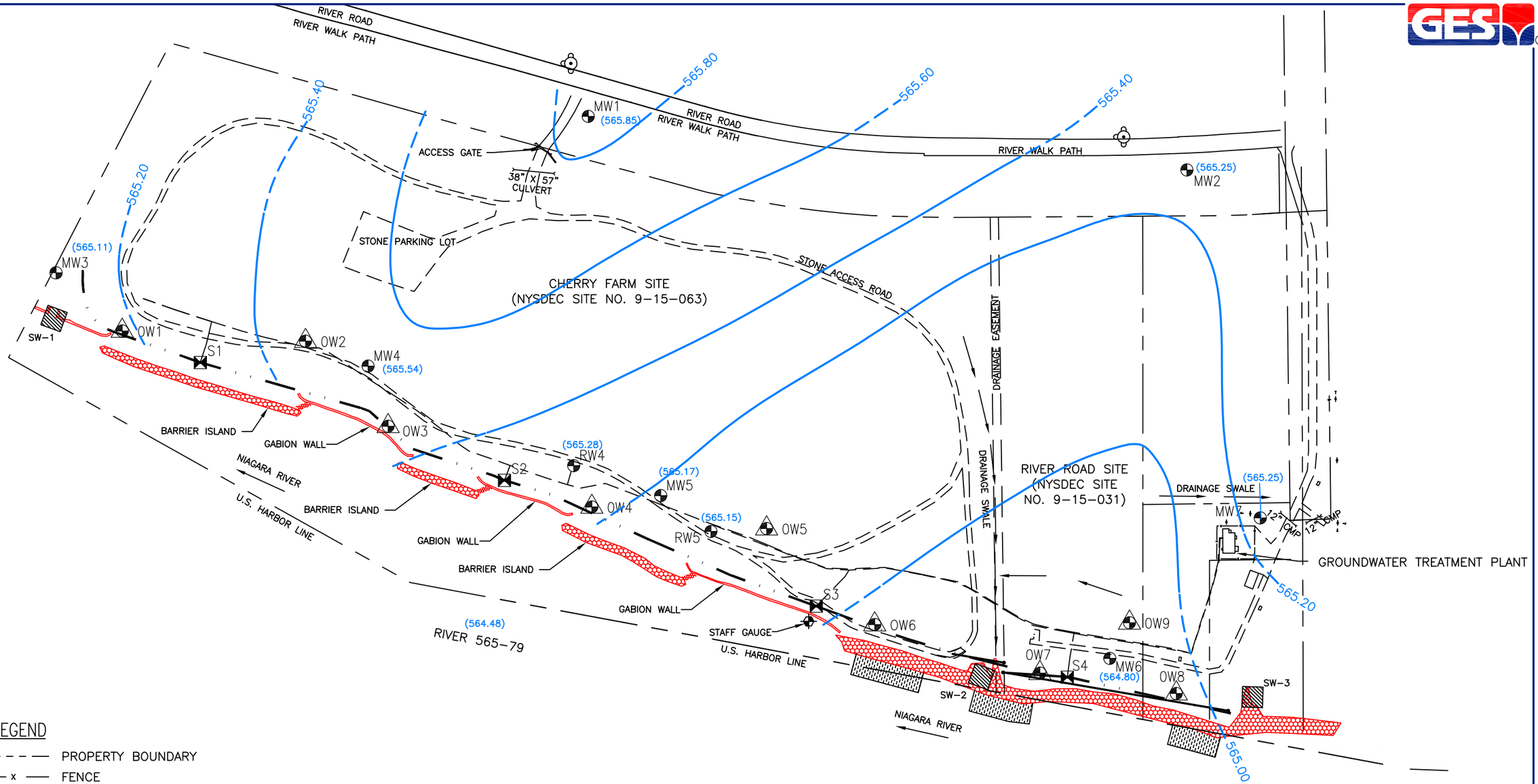


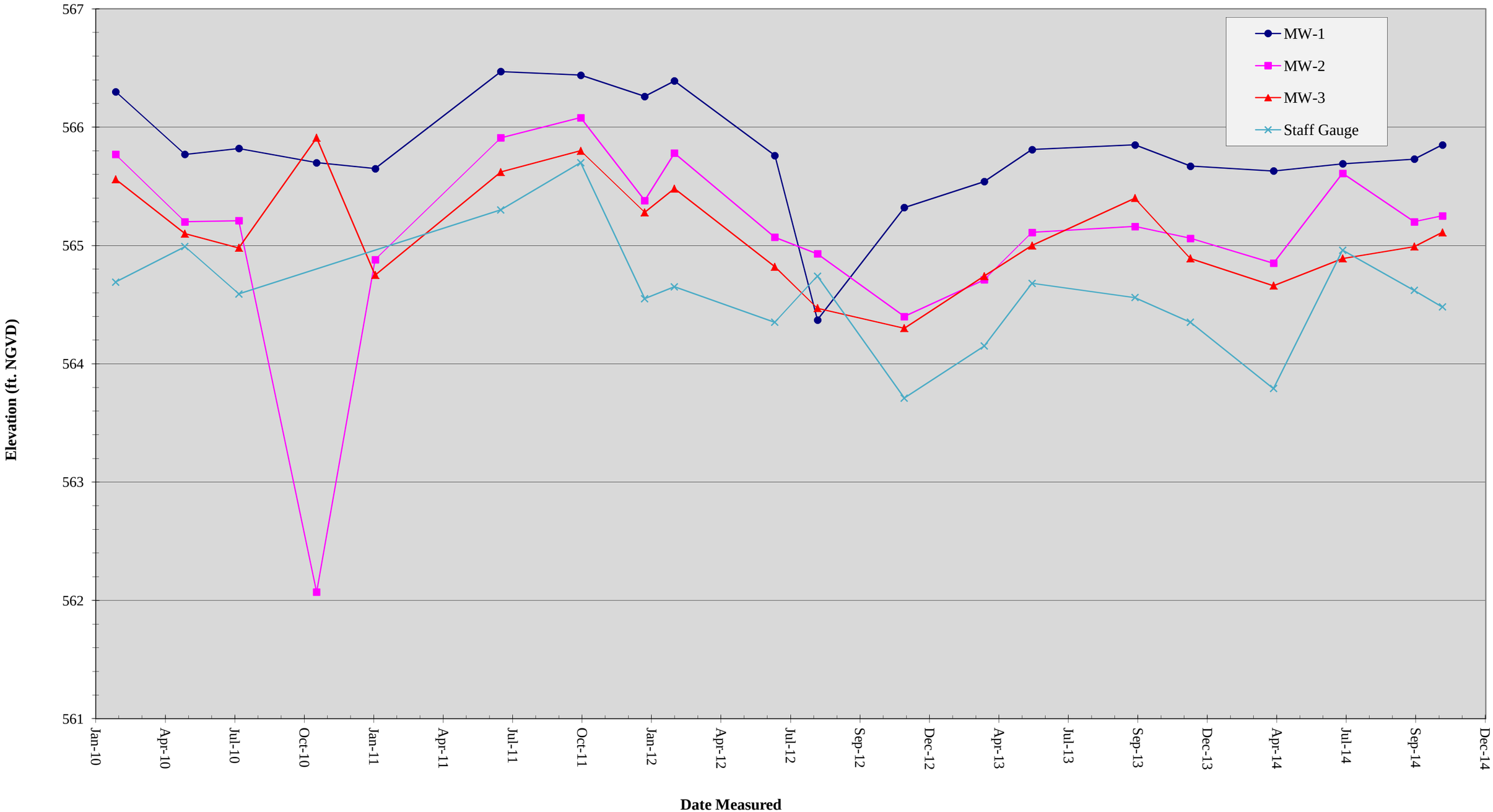
LEGEND

- PROPERTY BOUNDARY
- FENCE
- TRENCH SUMP
- MONITORING WELL
- OBSERVATION WELL
- SHALLOW GROUNDWATER TRENCH
- GROUNDWATER CONVEYANCE PIPING
- (564.89) GROUNDWATER ELEVATION (feet)
- GROUNDWATER CONTOUR (feet) DASHED WHERE INFERRED

DRAFTED BY: W.G.S. (N.J.)	GROUNDWATER CONTOUR MAP NOVEMBER 5, 2014
CHECKED BY: J.K.C	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK
REVIEWED BY: T.D.P.	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225
NORTH	SCALE IN FEET: 0 APPROXIMATE 250 / DATE: 12-30-14 / FIGURE: 3.2d

M:\Graphics\0900-Buffalo\Misc\Cherry Farms\Tonawanda\Cherry Farms (Tonawanda) SM.dwg, B-250, 12/30/2014 1:04:01 PM, WShea

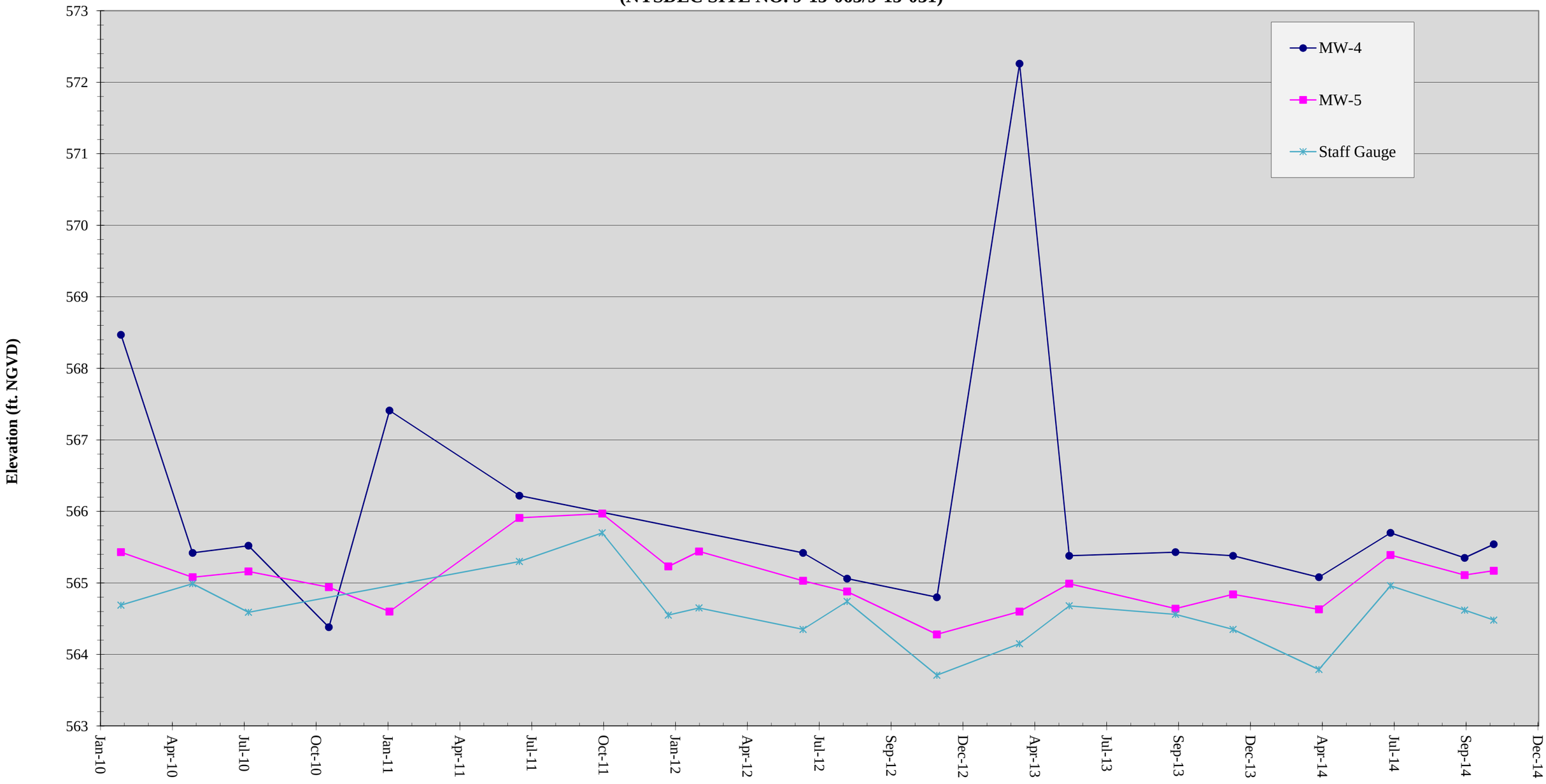
Figure 3.3a - Monitoring Well Hydrograph (2010-2014) for MW-1, MW-2, MW-3, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

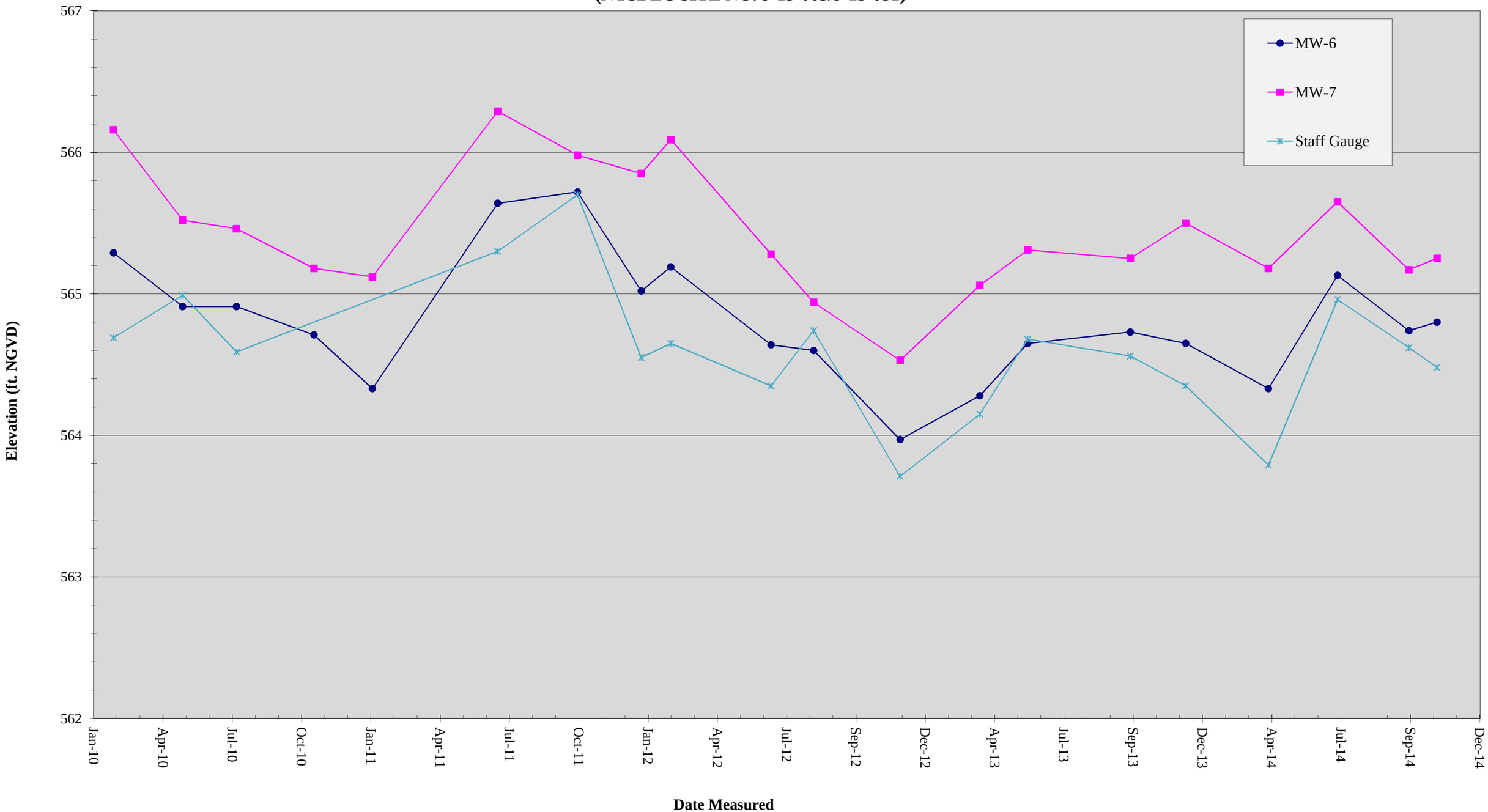
Figure 3.3b - Monitoring Well Hydrograph (2010-2014) for MW-4, MW-5, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

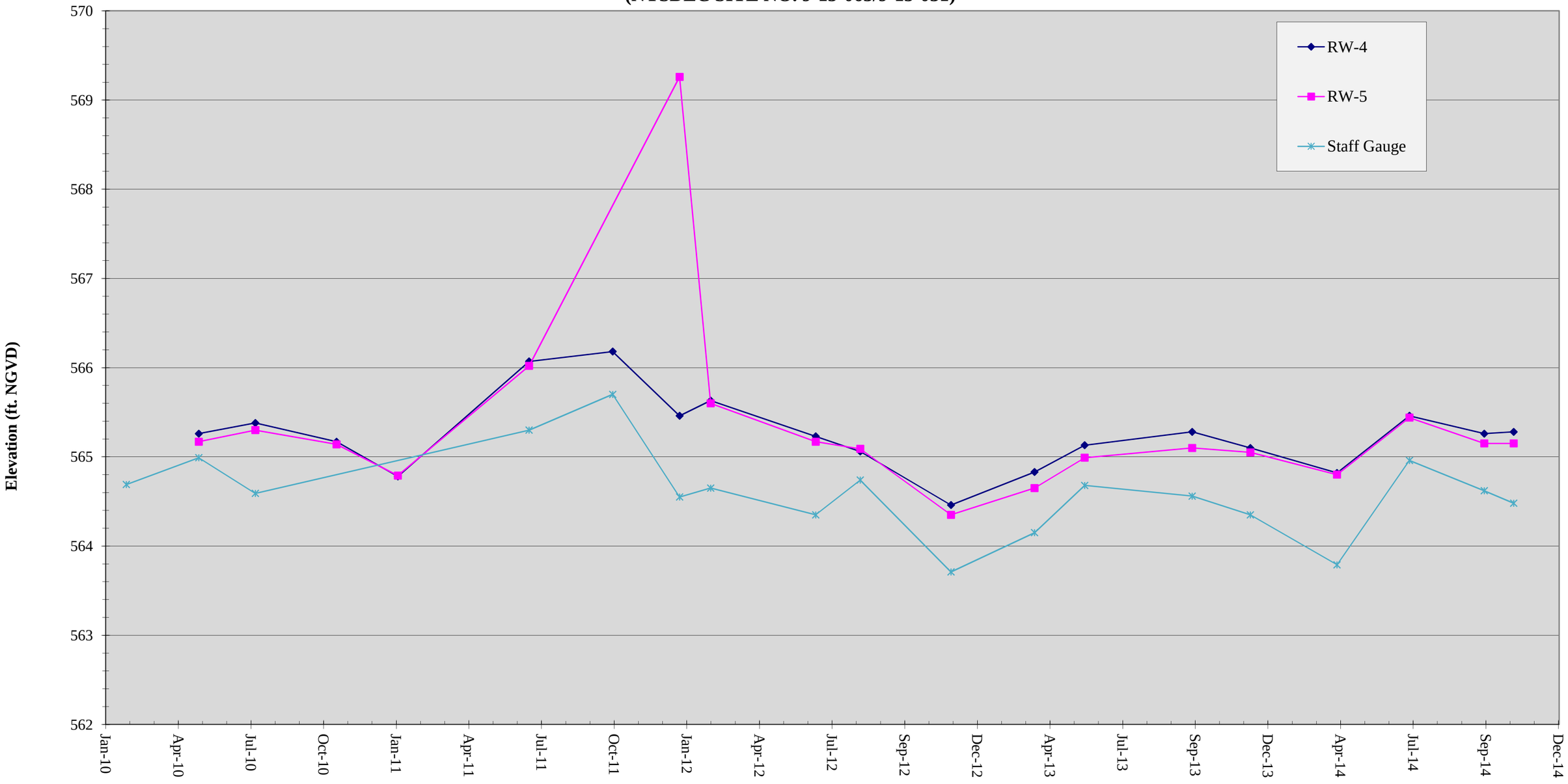
<u>Figure 3.3c</u> - Monitoring Well Hydrograph (2010-2014) for MW-6, MW-7, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

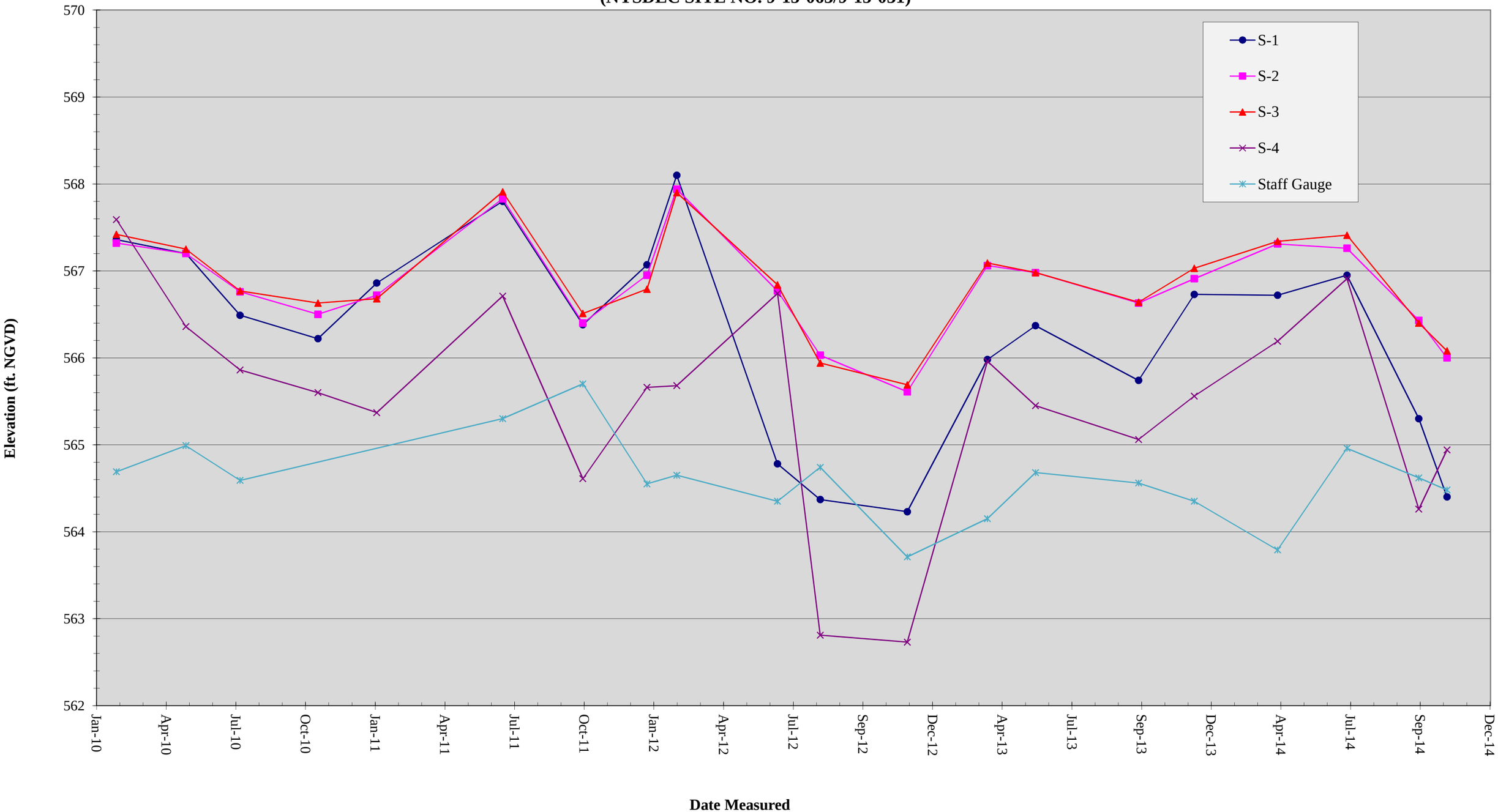
Figure 3.3d - Monitoring Well Hydrograph (2010-2014) for RW-4, RW-5, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

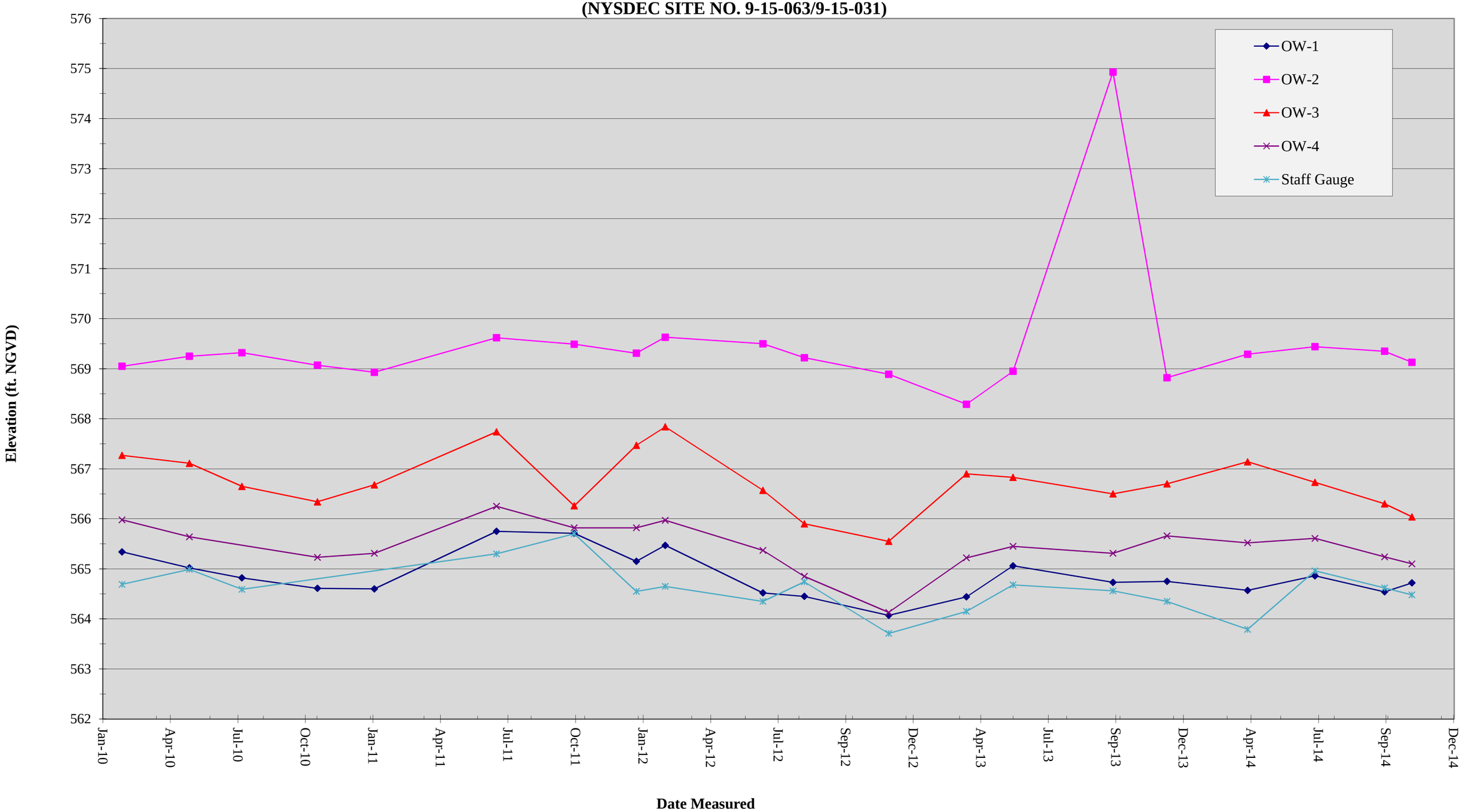
Figure 3.4a - Sump Hydrograph (2010-2014) for S-1, S-2, S-3, S-4, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

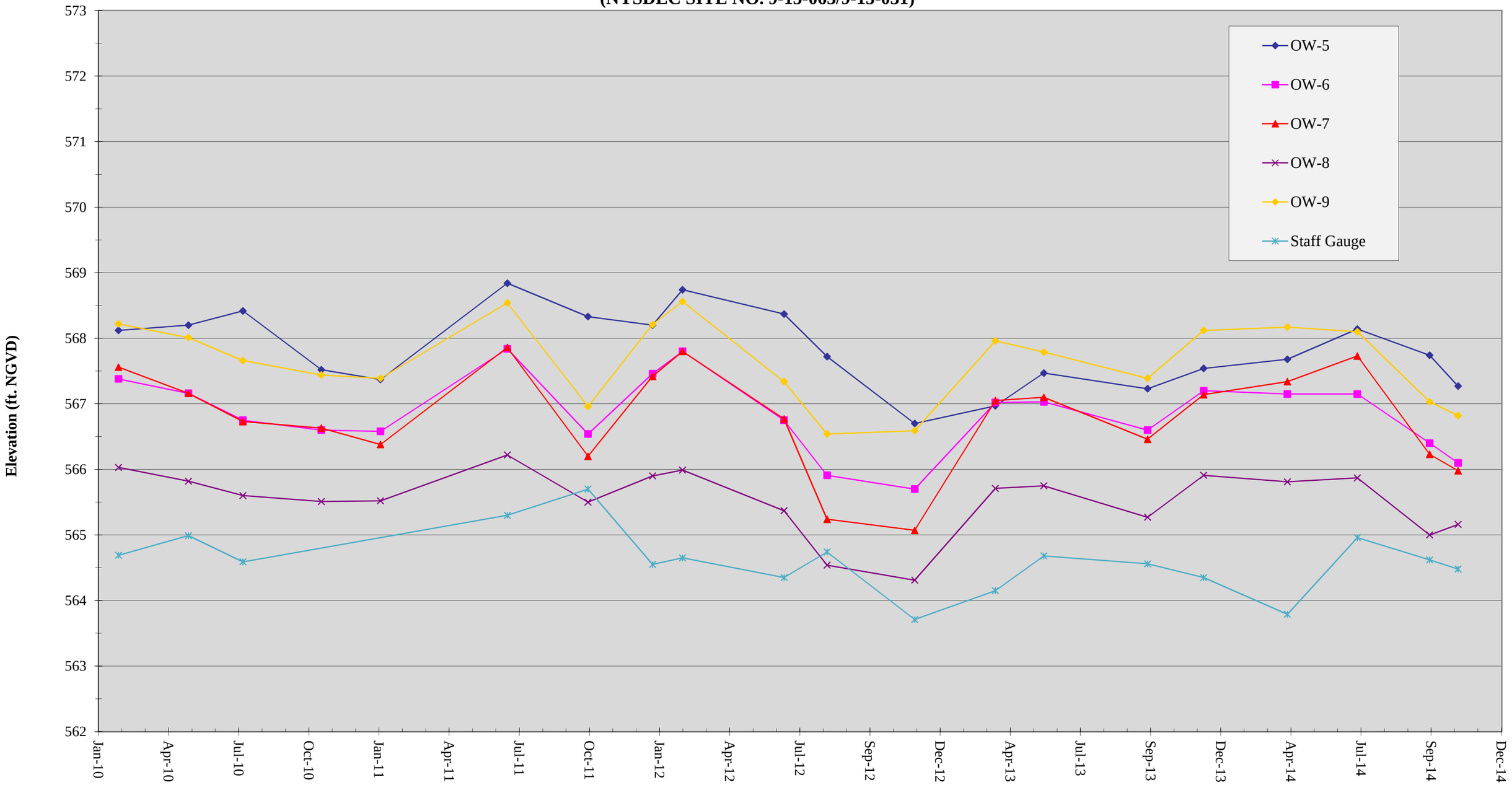
<u>Figure 3.4b</u> - Monitoring Well Hydrograph (2010-2014) for OW-1, OW-2, OW-3, OW-4, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

Figure 3.4c - Monitoring Well Hydrograph (2010-2014) for OW-5, OW-6, OW-7, OW-8, OW-9, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

TABLES

Table 2.1 - Institutional and Engineering Controls Summary
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Controls for Cherry Farm	Description	Monitoring Program	Monitoring Frequency	Deficiencies	Corrective Measures
Building Use Restriction	Restictions 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	Restictions 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 shallow groundwater collection 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 shallow groundwater collection 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 shallow groundwater collection 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	None Noted	NA

Table 2.1 - Institutional and Engineering Controls Summary
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

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 through shallow groundwater collection trench and subsequent treatment via OWS/carbon treatment.	Monitored during routine gauging and sampling of monitoring wells and sumps.	Quarterly gauging and Annual sampling	None Noted	NA
Groundwater Treatment System	The on-site treatment of shallow groundwater, collected via collection trench, and discharged to local publicly owned treatment works. Shallow groundwater collection and treatment would be required indefinitely unless contaminant concentrations are sufficiently reduced through natural attenuation.	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	None Noted	NA

Table 2.1a - Institutional and Engineering Controls Summary
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

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 permeabillity cover is located over the LNAPL plume, which is located along in the western portion of the site, between the souther property boundary and the Cherry Farm cap. The purpose of the caps is to minimize penetration by burrowing animals and provide adequate protection against errosion.	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 shallow groundwater collection 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 shallow groundwater collection 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 shallow groundwater collection and treatment system.	Monitored during routine site visits.	O&M Plan and SOPs are reviewed/updated annually.	None Noted	NA
Leachate Collection	Leachate collection to be accomplished through shallow groundwater collection trench and subsequent treatment via OWS/carbon treatment.	Monitored during routine gauging and sampling of monitoring wells and sumps.	Quarterly gauging and Annual sampling	None Noted	NA
Groundwater Treatment System	The on-site treatment of shallow groundwater, collected via collection trench, and discharged to local publicly owned treatment works. Shallow groundwater collection and treatment would be required indefinitely unless contaminant concentrations are sufficiently reduced through natural attenuation.	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	None Noted	NA

Table 2.2 - 2014 Groundwater Elevation Summary
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

WELL NAME	WELL SIZE	3/28/2014 ELEVATION (FEET)	6/27/2014 ELEVATION (FEET)	9/29/2014 ELEVATION (FEET)	11/5/2014 ELEVATION (FEET)
MW-1	2"	565.63	565.69	565.73	565.85
MW-2	2"	564.85	565.61	565.20	565.25
MW-3	2"	564.66	564.89	564.99	565.11
MW-4	2"	565.08	565.70	565.35	565.54
MW-5	2"	564.63	565.39	565.11	565.17
MW-6	2"	564.33	565.13	564.74	564.80
MW-7	2"	565.18	565.65	565.17	565.25
OW-1	1 1/2"	564.57	564.86	564.54	564.72
OW-2	1 1/2"	569.29	569.44	569.35	569.13
OW-3	1 1/2"	567.14	566.73	566.30	566.04
OW-4	1 1/2"	565.52	565.61	565.24	565.10
OW-5	1 1/2"	567.68	568.14	567.74	567.27
OW-6	1 1/2"	567.15	567.15	566.40	566.10
OW-7	1 1/2"	567.34	567.73	566.23	565.98
OW-8	1 1/2"	565.81	565.87	565.00	565.16
OW-9	1 1/2"	568.17	568.10	567.03	566.82
RW-4	8"	564.82	565.46	565.26	565.28
RW-5	8"	564.80	565.44	565.15	565.15
S-1	vault	566.72	566.95	565.30	564.40
S-2	vault	567.31	567.26	566.43	566.00
S-3	vault	567.34	567.41	566.40	566.08
S-4	vault	566.19	566.91	564.26	564.94
SG	NA	563.79	564.96	564.62	564.48

Notes:
NA = Not applicable
NM = Not Measured
SG = Staff Gauge

Table 2.3 - Non-Routine Maintenance Summary
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Date	Non-Routine Maintenance Item
January 2014	S-4 was down sporadically due to deposits clogging the process line. Muriatic acid was added into the common process line to dissolve accumulated mineral deposits reducing flow from the sump. Pulled and cleaned pump in S-4.
February 2014	Sumps 1-3 were down for several hours to facilitate the addition of muriatic acid into the common process line to dissolve accumulated mineral deposits reducing flow from the sumps. System left down over night due to Skymetry alarm that would not reset without lap-top computer. The system was down for 3 days due to problems with the clear well pump control panel. The pump level controller, pump 1 & 2 contactors, and alternating relay interface were replaced to fix the issue.
March 2014	Vac out and replace 500 pounds of carbon from first GAC unit.
April 2014	Sumps 1-3 were down overnight to facilitate the addition of muriatic acid into the common process line to dissolve accumulated mineral deposits reducing flow from the sumps.
May 2014	System down overnight due to high pH alarm from broken mixer shaft in T2. Shaft replaced and system restarted.
June 2014	Sumps 1-3 were down overnight to facilitate the addition of muriatic acid into the common process line to dissolve accumulated mineral deposits reducing flow from the sumps. S-4 was down sporadically due to deposits clogging the process line.
July 2014	Sample port at C-1 replaced due to slight leak.

Table 2.3 - Non-Routine Maintenance Summary
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Date	Non-Routine Maintenance Item
August 2014	System down a few hours due to high sump alarm. Water coming from overhead ultrasonic box due to accumulated deposits causing water to splash out. Clean ultrasonic box and restart system. System down overnight without Skymetry alarm. Problem traced to high sump alarm. Clean out sump box and probe and restart system. Replace valve and fitting at caustic pump due to small leak.
September 2014	System down a few hours due to high sump alarm. Water coming from overhead ultrasonic box. Replace partially obstructed discharge pipe from ultrasonic box and restart system.
October 2014	Sumps 1-3 were down sporadically to facilitate the addition of muriatic acid into the common process line to dissolve accumulated mineral deposits reducing flow from the sumps. Initial acid treatment was unsuccessful so the process was repeated twice before line cleared sufficiently. Soldered T2 pH probe wires at previous repair point, due to inconsistent pH readings.
November 2014	The system was down for a few hours on two different days due to loss of power related to storms and high winds in the area.
December 2014	Sumps 1-3 were down sporadically to facilitate the addition of muriatic acid into the common process line to dissolve accumulated mineral deposits reducing flow from the sumps. The system was down a portion of two days and overnight due to sewer work in the area. Replacement of T2 pH probe holder and wire. The system was down for a few hours due to loss of power related to high winds in the area. Utility company looking into issue. Vac out and replace 440 pounds of carbon from first GAC unit.

Table 3.1 - Detected Compound Summary Monitoring Well Samples
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data March and November 2014 Detected Compound Summary	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 480-56775-1 12.05 TA 480-56775 WATER 3/27/2014	MW-1 480-70616-6 11.83 TA 480-70616 WATER 11/3/2014	MW-2 480-56775-2 13.91 TA 480-56775 WATER 3/27/2014	MW-2 480-70616-5 13.51 TA 480-70616 WATER 11/3/2014	MW-3 480-56775-3 6.50 TA 480-56775 WATER 3/27/2014	MW-3 480-70616-7 6.05 TA 480-70616 WATER 11/3/2014	MW-4 480-56775-4 18.75 TA 480-56775 WATER 3/27/2014	MW-4 480-70616-8 18.29 TA 480-70616 WATER 11/3/2014	MW-5 480-56775-5 19.51 TA 480-56775 WATER 3/27/2014	MW-5 480-70616-9 18.97 TA 480-70616 WATER 11/3/2014	MW-6 480-56775-6 21.37 TA 480-56775 WATER 3/27/2014	MW-6 480-70616-3 20.90 TA 480-70616 WATER 11/3/2014	MW-7 480-56775-7 21.22 TA 480-56775 WATER 3/27/2014	MW-7 480-70616-4 21.15 TA 480-70616 WATER 11/3/2014	RW-4 480-56862-6 17.01 TA 480-56775 WATER 3/28/2014	RW-4 480-70664-1 16.55 TA 480-70616 WATER 11/4/2014	RW-5 480-56862-7 17.25 TA 480-56775 WATER 3/28/2014	RW-5 480-70664-2 16.90 TA 480-70616 WATER 11/4/2014
COMPOUND		UNITS:																		
VOLATILES																				
Acetone	50 (G)	µg/L	U	U	U	U	U	U	4.4 J	3.1 J	9.0 J	U	U	U	3.4 J	U	U	U	U	U
Benzene	1	µg/L	U	U	U	U	U	U	U	U	**1.4**	**4.8 J**	U	U	U	U	**1.3**	**14**	U	**4.4**
Ethylbenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.9	**10**	U	U
Xylenes, total	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**5.7**	2.0	U	U
SEMIVOLATILES																				
Acenaphthene	20 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.66 J	0.78 J	U	U
Acenaphthylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.61 J	0.70 J	U	U
Bis(2-ethylhexyl) phthalate	5	µg/L	U	U	U	U	U	U	U	U	U	1.9 J B	U	U	U	U	U	U	U	3.8 J
Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.52 J B	1.2 J B
Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.41 J	0.26 J	U
Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	0.31 J B	U	0.39 J B	U	U	U	0.48 J B	U	U	0.37 J
Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.88 J	U	U	**15**
Phenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.79 J	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
B = Compound was found in the blank and sample.
LCS = Lab Control Sample
LCSD = Lab Control Sample Duplicate
* = LCS or LCSD exceeds control limits

Table 3.2 - Detected Compound Summary Sump Samples
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data March and November 2014 Detected Compound Summary	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample Id: / Source: / SDG: / Matrix: / Sampled:	S-1 480-56862-1 5.12 480-56862 WATER 3/28/2014	S-1 480-70664-3 7.44 480-70664 WATER 11/4/2014	S-2 480-56862-2 4.50 480-56862 WATER 3/28/2014	S-2 480-70664-4 5.81 480-70664 WATER 11/4/2014	S-3 480-56862-3 4.50 480-56862 WATER 3/28/2014	S-3 480-70664-5 5.76 480-70664 WATER 11/4/2014	S-4 480-56862-4 5.32 480-56862 WATER 3/28/2014	S-4 480-70664-6 6.57 480-70664 WATER 11/4/2014
COMPOUND		UNITS:								
VOLATILES										
1,1-Dichloroethane	5	µg/L	U	U	1.1	1.1	0.50 J	1.9	1.4	1.2
1,2-Dichloroethene, Total	NS	µg/L	U	U	U	12	U	U	1.7 J	1.8 J
Acetone	50 (G)	µg/L	U	3.0 J	U	U	3.3 J	U	U	U
Benzene	1	µg/L	U	U	U	0.80 J	U	U	0.86 J	0.97 J
Carbon disulfide	60 (G)	µg/L	U	U	U	0.42 J	U	U	U	U
Chloroethane	5	µg/L	U	0.66 J	U	U	U	U	U	U
Ethylbenzene	5	µg/L	U	U	U	U	U	U	1.4	0.96 J
Tetrachloroethene	5	µg/L	U	U	U	U	U	0.39 J	1.0	0.91 J
Toluene	5	µg/L	U	U	U	U	U	0.69 J	1.5	0.97 J
Trichloroethene	5	µg/L	U	U	U	0.80 J	U	U	0.81 J	0.63 J
Vinyl chloride	2	µg/L	U	U	U	3.8	U	U	U	U
Xylenes, total	5	µg/L	U	U	U	U	U	1.7 J	**8.9**	**5.9**
SEMIVOLATILES										
1,2,4-Trichlorobenzene	5	µg/L	U	U	U	U	U	U	0.90 J	U
1,3-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	0.79 J	U
1,4-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	0.93 J	U
2,4,5-Trichlorophenol	NS	µg/L	U	U	U	0.45 J	U	U	U	U
2,4-Dimethylphenol	1	µg/L	U	**18**	U	**5.5**	**22**	**18**	**41**	**20**
2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	4.3 J	2.6 J
2-Methylphenol	1	µg/L	U	0.70 J	U	**1.3 J**	**7.1**	**13**	**11**	**6.5**
4-Methylphenol	1	µg/L	U	1.0 J	U	**2.2 J**	**16**	**25**	**18**	**9.5**
Acenaphthene	20 (G)	µg/L	U	1.0 J	U	0.49 J	0.44 J	0.66 J	1.3 J	2.1 J
Acenaphthylene	NS	µg/L	U	U	U	U	U	U	0.81 J	1.6 J
Anthracene	50 (G)	µg/L	U	0.69 J	U	U	U	U	U	U
Benzo[a]pyrene	NS	µg/L	U	0.48 J	U	U	U	U	U	U
Benzo[b]fluoranthene	0.002 (G)	µg/L	U	**0.79 J**	U	**0.65 J**	U	**0.65 J**	U	**0.65 J**
Bis(2-ethylhexyl) phthalate	5	µg/L	U	3.7 J	U	3.5 J	U	3.4 J	U	3.4 J
Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	0.70 J B	U
Carbazole	NS	µg/L	U	0.45 J	U	U	U	0.39 J	1.4 J	2.4 J
Dibenzofuran	NS	µg/L	U	U	U	U	U	U	U	1.5 J
Dimethyl phthalate	50 (G)	µg/L	U	U	2.1 J	U	U	U	U	1.9 J
Di-n-butyl phthalate	50	µg/L	0.41 J B	0.48 J	2.3 J B	0.29 J	0.56 J B	0.31 J	U	0.44 J
Di-n-octyl phthalate	50 (G)	µg/L	U	2.5 J	U	U	U	2.5 J	U	2.5 J
Fluoranthene	50 (G)	µg/L	U	0.55 J	U	U	U	U	U	U
Fluorene	50 (G)	µg/L	U	0.43 J	U	0.40 J	U	0.56 J	1.1 J	2.0 J
Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	**0.47 J**	U	U	U	U	U	U
Naphthalene	10 (G)	µg/L	U	U	U	1.1 J	2.8 J	1.7 J	**18**	8.7
Phenanthrene	50 (G)	µg/L	U	U	0.45 J	0.61 J	0.55 J	0.82 J	0.94 J	1.7 J
Phenol	1	µg/L	U	0.81 J	U	0.51 J	U	U	U	U
Pyrene	50 (G)	µg/L	U	0.54 J	U	U	U	U	U	U
PESTICIDES										
4,4'-DDE	0.2	µg/L	0.027 J	U	U	U	U	U	U	U
4,4'-DDT	0.2	µg/L	0.017 J	U	U	U	U	U	U	U
Aldrin	ND	µg/L	U	U	U	U	U	U	0.019 J	U
alpha-BHC	0.01	µg/L	**0.018 J**	U	U	**0.011 J B**	U	**0.022 J B**	U	**0.012 J B**
delta-BHC	0.04	µg/L	U	U	U	U	U	U	**0.070**	**0.064**
gamma-BHC (Lindane)	0.05	µg/L	0.026 J	U	U	U	0.012 J	U	0.019 J	0.053
gamma-Chlordane	0.05	µg/L	0.015 J	U	0.016 J	U	U	U	U	U
Heptachlor	0.04	µg/L	0.028 J	U	0.039 J	U	0.018 J	U	0.018 J	0.010 J
PCBs										
Aroclor 1016		µg/L	U	U	U	U	**0.25 J**	U	**1.9**	U
Aroclor 1232		µg/L	U	U	U	U	U	**0.74**	U	**7.6**
Aroclor 1248		µg/L	U	**0.63**	U	U	U	U	U	U
INORGANICS										
Aluminum	NS	µg/L	87 J	U	6.8 J	280	200	370	400	570
Barium	1,000	µg/L	38	150	2.7	33	33	34	31	32
Calcium	NS	µg/L	27,700	55,900	49,200	66,200	54,600	60,500	98,100	96,000
Chromium	50	µg/L	U	1.9 J	U	5.6	U	U	1.2 J	U
Copper	200	µg/L	3.3 J	U	U	U	U	U	U	U
Iron	300	µg/L	**460**	**4,100**	110	300	41 J	52	22 J	96
Lead	25	µg/L	U	4.2 J	U	4.1 J	U	5.8	U	4.8 J
Magnesium	35,000 (G)	µg/L	7,800	13,700	980	370	1,000	560	410	1500
Manganese	300	µg/L	200	**590**	8	4	3.2	9.9	2.2 J	47
Nickel	100	µg/L	U	U	1.8 J	1.3 J	U	U	1.8 J	U
Potassium	NS	µg/L	7,200	20,100	37,500	36,100	36,800	44,400	66,600	61,800
Sodium	20,000	µg/L	18,000	**68,000**	**46,800**	**46,200**	**41,700**	**54,700**	**59,000**	**58,000**
Vanadium	NS	µg/L	U	U	6.1	11	7.4	12	5.6	10
Zinc	2,000 (G)	µg/L	4.4 J	3.5 J B	1.6 J	3.2	2.1 J	U	1.8 J	2.4 J B
Cyanide	200	µg/L	U	7.3 J B	3.5	34	U	36 B	7.0 J	13 B

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
B = Compound was found in the blank and sample.
PCBs = Polychlorinated Biphenyls

Table 3.3 - Total 2014 Contaminant Mass Removal
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Sum of Analytical Concentrations	S-1 (µg/L)		S-2 (µg/L)		S-3 (µg/L)		S-4 (µg/L)		Average Influent Concentration (µg/L)	2014 Total Plant Flow (gal)	Total Removed (lbs)
Date	**3/28/2014**	**11/4/2014**	**3/28/2014**	**11/4/2014**	**3/28/2014**	**11/4/2014**	**3/28/2014**	**11/4/2014**			
Total VOCs	ND	3.66	1.10	6.92	3.80	4.68	17.57	13.34	39.40	2,860,642	1.143
Total SVOCs	0.41	32.59	4.85	17.00	49.45	66.99	100.17	67.49	279.90	2,860,642	8.123
Total Pesticides	0.131	ND	0.055	0.011	0.030	0.022	0.126	0.139	0.39	2,860,642	0.011
Total PCBs	ND	0.63	ND	ND	0.25	0.74	1.9	7.6	4.47	2,860,642	0.13

NOTES:
VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds
PCBs = polychlorinated biphenyls
µg/L = micrograms per liter
gal = gallons
lbs = pounds

APPENDIX A-1
March and November 2014
Analytical Data

Appendix A-1 - March and November 2014 Analytical Data Monitoring Well Samples Volatile Organic Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and November 2014 Monitoring Well Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 480-56775-1 12.05 TA 480-38363 WATER 3/27/2014	MW-1 480-70616-6 11.83 TA 480-38363 WATER 11/3/2014	MW-2 480-56775-2 13.91 TA 480-38363 WATER 3/27/2014	MW-2 480-70616-5 13.51 TA 480-38363 WATER 11/3/2014	MW-3 480-56775-3 6.50 TA 480-38363 WATER 3/27/2014	MW-3 480-70616-7 6.05 TA 480-38363 WATER 11/3/2014	MW-4 480-56775-4 18.75 TA 480-38363 WATER 3/27/2014	MW-4 480-70616-8 18.29 TA 480-38363 WATER 11/3/2014	MW-5 480-56775-5 19.51 TA 480-38363 WATER 3/27/2014	MW-5 480-70616-9 18.97 TA 480-38363 WATER 11/3/2014	MW-6 480-56775-6 21.37 TA 480-38363 WATER 3/27/2014	MW-6 480-70616-3 20.90 TA 480-38363 WATER 11/3/2014	MW-7 480-56775-7 21.22 TA 480-38363 WATER 3/27/2014	MW-7 480-70616-4 21.15 TA 480-38363 WATER 11/3/2014	RW-4 480-56862-6 17.01 TA 480-38452 WATER 3/28/2014	RW-4 480-70664-1 16.55 TA 480-38452 WATER 11/4/2014	RW-5 480-56862-7 17.25 TA 480-38452 WATER 3/28/2014	RW-5 480-70664-2 16.90 TA 480-38452 WATER 11/4/2014
COMPOUND		UNITS:																		
VOLATILES																				
1,1,1-Trichloroethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,2-Trichloroethane	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	0.6	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethene, Total	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloropropane	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Butanone	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Hexanone	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Methyl-2-pentanone	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Acetone	50 (G)	µg/L	U	U	U	U	U	U	4.4 J	3.1 J	9.0 J	U	U	U	3.4 J	U	U	U	U	U
Benzene	1	µg/L	U	U	U	U	U	U	U	U	**1.4**	**4.8 J**	U	U	U	U	**1.3**	**14**	U	**4.4**
Bromodichloromethane	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromoform	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bromomethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Carbon Tetrachloride	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroform	7	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloromethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,3-Dichloropropene	0.4	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Dibromochloromethane	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.9	**10**	U	U
Methylene Chloride	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Styrene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,3-Dichloropropene	0.4	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Vinyl chloride	2	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Xylenes, total	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**5.7**	2.0	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value
B = Compound was found in the blank and sample.

Appendix A-1 - March and November 2014 Analytical Data Monitoring Well Samples Semi-Volatile Organic Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and November 2014 Monitoring Well Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 480-56776-1 12.05 TA 480-38363 WATER 3/27/2014	MW-1 480-70616-6 11.83 TA 480-38363 WATER 11/3/2014	MW-2 480-56775-2 13.91 TA 480-38363 WATER 3/27/2014	MW-2 480-70616-5 13.51 TA 480-38363 WATER 11/3/2014	MW-3 480-56775-3 6.50 TA 480-38363 WATER 3/27/2014	MW-3 480-70616-7 6.05 TA 480-38363 WATER 11/3/2014	MW-4 480-56775-4 18.75 TA 480-38363 WATER 3/27/2014	MW-4 480-70616-8 18.29 TA 480-38363 WATER 11/3/2014	MW-5 480-56775-5 19.51 TA 480-38363 WATER 3/27/2014	MW-5 480-70616-9 18.97 TA 480-38363 WATER 11/3/2014	MW-6 480-56775-6 21.37 TA 480-38363 WATER 3/27/2014	MW-6 480-70616-3 20.90 TA 480-38363 WATER 11/3/2014	MW-7 480-56775-7 21.22 TA 480-38363 WATER 3/27/2014	MW-7 480-70616-4 21.15 TA 480-38363 WATER 11/3/2014	RW-4 480-56862-6 17.01 TA 480-38452 WATER 3/28/2014	RW-4 480-70664-1 16.55 TA 480-38452 WATER 11/4/2014	RW-5 480-56862-7 17.25 TA 480-38452 WATER 3/28/2014	RW-5 480-70664-2 16.90 TA 480-38452 WATER 11/4/2014
COMPOUND		UNITS:																		
SEMIVOLATILES																				
1,2,4-Trichlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,4,5-Trichlorophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,4,6-Trichlorophenol	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dichlorophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dimethylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dinitrophenol	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,4-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2,6-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Chloronaphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Chlorophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3,3'-Dichlorobenzidine	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Bromophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Chloro-3-methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Chloroaniline	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Chlorophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Acenaphthene	20 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.66 J	0.78 J	U	U
Acenaphthylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.61 J	0.70 J	U	U
Anthracene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value
B = Compound was found in the blank and sample

Appendix A-1 - March and November 2014 Analytical Data Monitoring Well Samples Semi-Volatile Organic Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and November 2014 Monitoring Well Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 480-56776-1 12.05 TA 480-38363 WATER 3/27/2014	MW-1 480-70616-6 11.83 TA 480-38363 WATER 11/3/2014	MW-2 480-56775-2 13.91 TA 480-38363 WATER 3/27/2014	MW-2 480-70616-5 13.51 TA 480-38363 WATER 11/3/2014	MW-3 480-56775-3 6.50 TA 480-38363 WATER 3/27/2014	MW-3 480-70616-7 6.05 TA 480-38363 WATER 11/3/2014	MW-4 480-56775-4 18.75 TA 480-38363 WATER 3/27/2014	MW-4 480-70616-8 18.29 TA 480-38363 WATER 11/3/2014	MW-5 480-56775-5 19.51 TA 480-38363 WATER 3/27/2014	MW-5 480-70616-9 18.97 TA 480-38363 WATER 11/3/2014	MW-6 480-56775-6 21.37 TA 480-38363 WATER 3/27/2014	MW-6 480-70616-3 20.90 TA 480-38363 WATER 11/3/2014	MW-7 480-56775-7 21.22 TA 480-38363 WATER 3/27/2014	MW-7 480-70616-4 21.15 TA 480-38363 WATER 11/3/2014	RW-4 480-56862-6 17.01 TA 480-38452 WATER 3/28/2014	RW-4 480-70664-1 16.55 TA 480-38452 WATER 11/4/2014	RW-5 480-56862-7 17.25 TA 480-38452 WATER 3/28/2014	RW-5 480-70664-2 16.90 TA 480-38452 WATER 11/4/2014
COMPOUND		UNITS:																		
Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzo[k]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bis(2-chloroethoxy)methane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bis(2-chloroethyl)ether	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bis(2-chloroisopropyl) ether	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Bis(2-ethylhexyl) phthalate	5	µg/L	U	U	U	U	U	U	U	U	U	1.9 J B	U	U	U	U	U	U	U	3.8 J
Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.52 J B	1.2 J B
Carbazole	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Dibenz[a,h]anthracene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Dibenzofuran	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.41 J	0.26 J	U
Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	0.31 J B	U	0.39 J B	U	U	U	0.48 J B	U	U	0.37 J
Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Fluorene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachlorobenzene	0.04	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachlorobutadiene	0.5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachlorocyclopentadiene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Hexachloroethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isophorone	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.88 J	U	U	**15**
Nitrobenzene	0.4	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
N-Nitrosodi-n-propylamine	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
N-Nitrosodiphenylamine	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Pentachlorophenol	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Phenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.79 J	U	U
Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value
B = Compound was found in the blank and sample

Appendix A-1 - March and November 2014 Analytical Data Monitoring Well Samples Polychlorinated Biphenyls
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and November 2014 Monitoring Well Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID:	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3	MW-4	MW-4	MW-5	MW-5
		Lab Sample Id:	480-56775-1	480-70616-6	480-56775-2	480-70616-5	480-56775-3	480-70616-7	480-56775-4	480-70616-8	480-56775-5	480-70616-9
		Depth:	12.05	11.83	13.91	13.51	6.50	6.05	18.75	18.29	19.51	18.97
		Source:	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA
		SDG:	480-38363	480-38363	480-38363	480-38363	480-38363	480-38363	480-38363	480-38363	480-38363	480-38363
		Matrix:	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sampled:	3/27/2014	11/3/2014	3/27/2014	11/3/2014	3/27/2014	11/3/2014	3/27/2014	11/3/2014	3/27/2014	11/3/2014
COMPOUND		UNITS:										
Polychlorinated Biphenyls												
Aroclor 1016	Sum of all PCBs is <0.09	µg/L	U	U	U	U	U	U	U	U	U	U
Aroclor 1221		µg/L	U	U	U	U	U	U	U	U	U	U
Aroclor 1232		µg/L	U	U	U	U	U	U	U	U	U	U
Aroclor 1242		µg/L	U	U	U	U	U	U	U	U	U	U
Aroclor 1248		µg/L	U	U	U	U	U	U	U	U	U	U
Aroclor 1254		µg/L	U	U	U	U	U	U	U	U	U	U
Aroclor 1260		µg/L	U	U	U	U	U	U	U	U	U	U

Cherry Farm/River Road March and November 2014 Monitoring Well Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID:	MW-6	MW-6	MW-7	MW-7	RW-4	RW-4	RW-5	RW-5
		Lab Sample Id:	480-56775-6	480-70616-3	480-56775-7	480-70616-4	480-56862-6	480-70664-1	480-56862-7	480-70664-2
		Depth:	21.37	20.90	21.22	21.15	17.01	16.55	17.25	16.90
		Source:	TA	TA	TA	TA	TA	TA	TA	TA
		SDG:	480-38363	480-38363	480-38363	480-38363	480-38452	480-38452	480-38452	480-38452
		Matrix:	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sampled:	3/27/2014	11/3/2014	3/27/2014	11/3/2014	3/28/2014	11/4/2014	3/28/2014	11/4/2014
COMPOUND		UNITS:								
Polychlorinated Biphenyls										
Aroclor 1016	Sum of all PCBs is <0.09	µg/L	U	U	U	U	U	U	U	U
Aroclor 1221		µg/L	U	U	U	U	U	U	U	U
Aroclor 1232		µg/L	U	U	U	U	U	U	U	U
Aroclor 1242		µg/L	U	U	U	U	U	U	U	U
Aroclor 1248		µg/L	U	U	U	U	U	U	U	U
Aroclor 1254		µg/L	U	U	U	U	U	U	U	U
Aroclor 1260		µg/L	U	U	U	U	U	U	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
U = Indicates compound was analyzed for, but not detected at or above the detection limit.
Bold values exceed the NYSDEC Class GA groundwater standard/guidance value.

Appendix A-1 - March and November 2014 Analytical Data Sump Samples Volatile Organic Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and December 2011 Sump Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	S-1 480-56862-1 5.12 480-38452 WATER 3/28/2014	S-1 480-70664-3 7.44 480-38452 WATER 11/4/2014	S-2 480-56862-2 4.50 480-38452 WATER 3/28/2014	S-2 480-70664-4 5.81 480-38452 WATER 11/4/2014	S-3 480-56862-3 4.50 480-38452 WATER 3/28/2014	S-3 480-70664-5 5.76 480-38452 WATER 11/4/2014	S-4 480-56862-4 5.32 480-38452 WATER 3/28/2014	S-4 480-70664-6 6.57 480-38452 WATER 11/4/2014
COMPOUND		UNITS:								
VOLATILES										
1,1,1-Trichloroethane	5	µg/L	U	U	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	5	µg/L	U	U	U	U	U	U	U	U
1,1,2-Trichloroethane	1	µg/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	5	µg/L	U	U	1.1	1.1	0.50 J	1.9	1.4	1.2
1,1-Dichloroethene	5	µg/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	0.6	µg/L	U	U	U	U	U	U	U	U
1,2-Dichloroethene, Total	NS	µg/L	U	U	U	12	U	U	1.7 J	1.8 J
1,2-Dichloropropane	1	µg/L	U	U	U	U	U	U	U	U
2-Butanone	50 (G)	µg/L	U	U	U	U	U	U	U	U
2-Hexanone	50 (G)	µg/L	U	U	U	U	U	U	U	U
4-Methyl-2-pentanone	NS	µg/L	U	U	U	U	U	U	U	U
Acetone	50 (G)	µg/L	U	3.0 J	U	U	3.3 J	U	U	U
Benzene	1	µg/L	U	U	U	0.80 J	U	U	0.86 J	0.97 J
Bromodichloromethane	50 (G)	µg/L	U	U	U	U	U	U	U	U
Bromoform	50 (G)	µg/L	U	U	U	U	U	U	U	U
Bromomethane	5	µg/L	U	U	U	U	U	U	U	U
Carbon disulfide	60 (G)	µg/L	U	U	U	0.42 J	U	U	U	U
Carbon Tetrachloride	5	µg/L	U	U	U	U	U	U	U	U
Chlorobenzene	5	µg/L	U	U	U	U	U	U	U	U
Chloroethane	5	µg/L	U	0.66 J	U	U	U	U	U	U
Chloroform	7	µg/L	U	U	U	U	U	U	U	U
Chloromethane	5	µg/L	U	U	U	U	U	U	U	U
cis-1,3-Dichloropropene	0.4	µg/L	U	U	U	U	U	U	U	U
Dibromochloromethane	50 (G)	µg/L	U	U	U	U	U	U	U	U
Ethylbenzene	5	µg/L	U	U	U	U	U	U	1.4	0.96 J
Methylene Chloride	5	µg/L	U	U	U	U	U	U	U	U
Styrene	5	µg/L	U	U	U	U	U	U	U	U
Tetrachloroethene	5	µg/L	U	U	U	U	U	0.39 J	1.0	0.91 J
Toluene	5	µg/L	U	U	U	U	U	0.69 J	1.5	0.97 J
trans-1,3-Dichloropropene	0.4	µg/L	U	U	U	U	U	U	U	U
Trichloroethene	5	µg/L	U	U	U	0.80 J	U	U	0.81 J	0.63 J
Vinyl chloride	2	µg/L	U	U	U	3.8	U	U	U	U
Xylenes, total	5	µg/L	U	U	U	U	U	1.7 J	**8.9**	**5.9**

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit. The concentration is an approximate value

Appendix A-1 - March and November 2014 Analytical Data Sump Samples Semi-Volatile Organic Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and December 2011 Sump Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	S-1 480-56862-1 5.12 480-38452 WATER 3/28/2014	S-1 480-70664-3 7.44 480-38452 WATER 11/4/2014	S-2 480-56862-2 4.50 480-38452 WATER 3/28/2014	S-2 480-70664-4 5.81 480-38452 WATER 11/4/2014	S-3 480-56862-3 4.50 480-38452 WATER 3/28/2014	S-3 480-70664-5 5.76 480-38452 WATER 11/4/2014	S-4 480-56862-4 5.32 480-38452 WATER 3/28/2014	S-4 480-70664-6 6.57 480-38452 WATER 11/4/2014
COMPOUND		UNITS:								
SEMIVOLATILES										
1,2,4-Trichlorobenzene	5	µg/L	U	U	U	U	U	U	0.90 J	U
1,2-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U
1,3-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	0.79 J	U
1,4-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	0.93 J	U
2,4,5-Trichlorophenol	NS	µg/L	U	U	U	0.45 J	U	U	U	U
2,4,6-Trichlorophenol	NS	µg/L	U	U	U	U	U	U	U	U
2,4-Dichlorophenol	1	µg/L	U	U	U	U	U	U	U	U
2,4-Dimethylphenol	1	µg/L	U	**18**	U	**5.5**	**22**	**18**	**41**	**20**
2,4-Dinitrophenol	10 (G)	µg/L	U	U	U	U	U	U	U	U
2,4-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U
2,6-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U
2-Chloronaphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U
2-Chlorophenol	1	µg/L	U	U	U	U	U	U	U	U
2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	4.3 J	2.6 J
2-Methylphenol	1	µg/L	U	0.70 J	U	**1.3 J**	**7.1**	**13**	**11**	**6.5**
2-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U
2-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U
3,3'-Dichlorobenzidine	5	µg/L	U	U	U	U	U	U	U	U
3-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U
4,6-Dinitro-2-methylphenol	1	µg/L	U	U	U	U	U	U	U	U
4-Bromophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U
4-Chloro-3-methylphenol	1	µg/L	U	U	U	U	U	U	U	U
4-Chloroaniline	5	µg/L	U	U	U	U	U	U	U	U
4-Chlorophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U
4-Methylphenol	1	µg/L	U	1.0 J	U	**2.2 J**	**16**	**25**	**18**	**9.5**
4-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U
4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U
Acenaphthene	20 (G)	µg/L	U	1.0 J	U	0.49 J	0.44 J	0.66 J	1.3 J	2.1 J
Acenaphthylene	NS	µg/L	U	U	U	U	U	U	0.81 J	1.6 J
Anthracene	50 (G)	µg/L	U	0.69 J	U	U	U	U	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
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Appendix A-1 - March and November 2014 Analytical Data Sump Samples Semi-Volatile Organic Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and December 2011 Sump Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample Id: / Source: / SDG: / Matrix: / Sampled:	S-1 480-56862-1 5.12 480-38452 WATER 3/28/2014	S-1 480-70664-3 7.44 480-38452 WATER 11/4/2014	S-2 480-56862-2 4.50 480-38452 WATER 3/28/2014	S-2 480-70664-4 5.81 480-38452 WATER 11/4/2014	S-3 480-56862-3 4.50 480-38452 WATER 3/28/2014	S-3 480-70664-5 5.76 480-38452 WATER 11/4/2014	S-4 480-56862-4 5.32 480-38452 WATER 3/28/2014	S-4 480-70664-6 6.57 480-38452 WATER 11/4/2014
COMPOUND		UNITS:								
Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U
Benzo[a]pyrene	NS	µg/L	U	0.48 J	U	U	U	U	U	U
Benzo[b]fluoranthene	0.002 (G)	µg/L	U	**0.79 J**	U	**0.65 J**	U	**0.65 J**	U	**0.65 J**
Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U
Benzo[k]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U
Bis(2-chloroethoxy)methane	5	µg/L	U	U	U	U	U	U	U	U
Bis(2-chloroethyl)ether	1	µg/L	U	U	U	U	U	U	U	U
Bis(2-chloroisopropyl) ether	5	µg/L	U	U	U	U	U	U	U	U
Bis(2-ethylhexyl) phthalate	5	µg/L	U	3.7 J	U	3.5 J	U	3.4 J	U	3.4 J
Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	0.70 J B	U
Carbazole	NS	µg/L	U	0.45 J	U	U	U	0.39 J	1.4 J	2.4 J
Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U
Dibenz[a,h]anthracene	NS	µg/L	U	U	U	U	U	U	U	U
Dibenzofuran	NS	µg/L	U	U	U	U	U	U	U	1.5 J
Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U
Dimethyl phthalate	50 (G)	µg/L	U	U	2.1 J	U	U	U	U	1.9 J
Di-n-butyl phthalate	50	µg/L	0.41 J B	0.48 J	2.3 J B	0.29 J	0.56 J B	0.31 J	U	0.44 J
Di-n-octyl phthalate	50 (G)	µg/L	U	2.5 J	U	U	U	2.5 J	U	2.5 J
Fluoranthene	50 (G)	µg/L	U	0.55 J	U	U	U	U	U	U
Fluorene	50 (G)	µg/L	U	0.43 J	U	0.40 J	U	0.56 J	1.1 J	2.0 J
Hexachlorobenzene	0.04	µg/L	U	U	U	U	U	U	U	U
Hexachlorobutadiene	0.5	µg/L	U	U	U	U	U	U	U	U
Hexachlorocyclopentadiene	5	µg/L	U	U	U	U	U	U	U	U
Hexachloroethane	5	µg/L	U	U	U	U	U	U	U	U
Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	**0.47 J**	U	U	U	U	U	U
Isophorone	50 (G)	µg/L	U	U	U	U	U	U	U	U
Naphthalene	10 (G)	µg/L	U	U	U	1.1 J	2.8 J	1.7 J	**18**	8.7
Nitrobenzene	0.4	µg/L	U	U	U	U	U	U	U	U
N-Nitrosodi-n-propylamine	NS	µg/L	U	U	U	U	U	U	U	U
N-Nitrosodiphenylamine	50 (G)	µg/L	U	U	U	U	U	U	U	U
Pentachlorophenol	5	µg/L	U	U	U	U	U	U	U	U
Phenanthrene	50 (G)	µg/L	U	U	0.45 J	0.61 J	0.55 J	0.82 J	0.94 J	1.7 J
Phenol	1	µg/L	U	0.81 J	U	0.51 J	U	U	U	U
Pyrene	50 (G)	µg/L	U	0.54 J	U	U	U	U	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value
B = Compound was found in the blank and sample
* = Relative Percent Difference of the Laboratory Control Sample and Laboratory Control Standard Duplicate exceeds the control limits.

Appendix A-1 - March and November 2014 Analytical Data Sump Samples Pesticides and Polychlorinated Biphenyls
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road June 2010 Sump Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	S-1 480-56862-1 5.12 480-38452 WATER 3/28/2014	S-1 480-70664-3 7.44 480-38452 WATER 11/4/2014	S-2 480-56862-2 4.50 480-38452 WATER 3/28/2014	S-2 480-70664-4 5.81 480-38452 WATER 11/4/2014	S-3 480-56862-3 4.50 480-38452 WATER 3/28/2014	S-3 480-70664-5 5.76 480-38452 WATER 11/4/2014	S-4 480-56862-4 5.32 480-38452 WATER 3/28/2014	S-4 480-70664-6 6.57 480-38452 WATER 11/4/2014
COMPOUND		UNITS:								
PESTICIDES										
4,4'-DDD	0.2	µg/L	U	U	U	U	U	U	U	U
4,4'-DDE	0.2	µg/L	0.027 J	U	U	U	U	U	U	U
4,4'-DDT	0.2	µg/L	0.017 J	U	U	U	U	U	U	U
Aldrin	ND	µg/L	U	U	U	U	U	U	0.019 J	U
alpha-BHC	0.01	µg/L	**0.018 J**	U	U	**0.011 J B**	U	**0.022 J B**	U	**0.012 J B**
alpha-Chlordane	0.05	µg/L	U	U	U	U	U	U	U	U
beta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U
Chlordane	0.05	µg/L	U	U	U	U	U	U	U	U
delta-BHC	0.04	µg/L	U	U	U	U	U	U	**0.070**	**0.064**
Dieldrin	0.004	µg/L	U	U	U	U	U	U	U	U
Endosulfan I	NS	µg/L	U	U	U	U	U	U	U	U
Endosulfan II	NS	µg/L	U	U	U	U	U	U	U	U
Endosulfan sulfate	NS	µg/L	U	U	U	U	U	U	U	U
Endrin	ND	µg/L	U	U	U	U	U	U	U	U
Endrin aldehyde	5	µg/L	U	U	U	U	U	U	U	U
Endrin ketone	5	µg/L	U	U	U	U	U	U	U	U
gamma-BHC (Lindane)	0.05	µg/L	0.026 J	U	U	U	0.012 J	U	0.019 J	**0.053**
gamma-Chlordane	0.05	µg/L	0.015 J	U	0.016 J	U	U	U	U	U
Heptachlor	0.04	µg/L	0.028 J	U	0.039 J	U	0.018 J	U	0.018 J	0.010 J
Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	U	U	U
Methoxychlor	35	µg/L	U	U	U	U	U	U	U	U
Toxaphene	0.06	µg/L	U	U	U	U	U	U	U	U
PCBs	Sum of all PCBs is <0.09									
Aroclor 1016		µg/L	U	U	U	U	**0.25 J**	U	**1.9**	U
Aroclor 1221		µg/L	U	U	U	U	U	U	U	U
Aroclor 1232		µg/L	U	U	U	U	U	**0.74**	U	**7.6**
Aroclor 1242		µg/L	U	U	U	U	U	U	U	U
Aroclor 1248		µg/L	U	**0.63**	U	U	U	U	U	U
Aroclor 1254		µg/L	U	U	U	U	U	U	U	U
Aroclor 1260		µg/L	U	U	U	U	U	U	U	U

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

Appendix A-1 - March and November 2014 Analytical Data Sump Samples Inorganics
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm/River Road March and December 2011 Sump Sampling	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample Id: / Source: / SDG: / Matrix: / Sampled:	S-1 480-56862-1 5.12 480-38452 WATER 3/28/2014	S-1 480-70664-3 7.44 480-38452 WATER 11/4/2014	S-2 480-56862-2 4.50 480-38452 WATER 3/28/2014	S-2 480-70664-4 5.81 480-38452 WATER 11/4/2014	S-3 480-56862-3 4.50 480-38452 WATER 3/28/2014	S-3 480-70664-5 5.76 480-38452 WATER 11/4/2014	S-4 480-56862-4 5.32 480-38452 WATER 3/28/2014	S-4 480-70664-6 6.57 480-38452 WATER 11/4/2014
COMPOUND		UNITS:								
INORGANICS										
Aluminum	NS	µg/L	87 J	U	6.8 J	280	200	370	400	570
Antimony	3	µg/L	U	U	U	U	U	U	U	U
Arsenic	25	µg/L	U	U	U	U	U	U	U	U
Barium	1,000	µg/L	38	150	2.7	33	33	34	31	32
Beryllium	3 (G)	µg/L	U	U	U	U	U	U	U	U
Cadmium	10	µg/L	U	U	U	U	U	U	U	U
Calcium	NS	µg/L	27,700	55,900	49,200	66,200	54,600	60,500	98,100	96,000
Chromium	50	µg/L	U	1.9 J	U	5.6	U	U	1.2 J	U
Cobalt	NS	µg/L	U	U	U	U	U	U	U	U
Copper	200	µg/L	3.3 J	U	U	U	U	U	U	U
Iron	300	µg/L	**460**	**4,100**	110	300	41 J	52	22 J	96
Lead	25	µg/L	U	4.2 J	U	4.1 J	U	5.8	U	4.8 J
Magnesium	35,000 (G)	µg/L	7,800	13,700	980	370	1,000	560	410	1,500
Manganese	300	µg/L	200	**590**	8	4	3.2	9.9	2.2 J	47
Mercury	0.7	µg/L	U	U	U	U	U	U	U	U
Nickel	100	µg/L	U	U	1.8 J	1.3 J	U	U	1.8 J	U
Potassium	NS	µg/L	7,200	20,100	37,500	36,100	36,800	44,400	66,600	61,800
Selenium	10	µg/L	U	U	U	U	U	U	U	U
Silver	50	µg/L	U	U	U	U	U	U	U	U
Sodium	20,000	µg/L	18,000	**68,000**	**46,800**	**46,200**	**41,700**	**54,700**	**59,000**	**58,000**
Thallium	0.5 (G)	µg/L	U	U	U	U	U	U	U	U
Vanadium	NS	µg/L	U	U	6.1	11	7.4	12	5.6	10
Zinc	2,000 (G)	µg/L	4.4 J	3.5 J B	1.6 J	3.2	2.1 J	U	1.8 J	2.4 J B
Cyanide	200	µg/L	U	7.3 J B	3.5	34	U	36 B	7.0 J	13 B

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold 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.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
B = Compound was found in the blank and sample.

APPENDIX A-2
Laboratory Analytical Data Package

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-56775-1
Client Project/Site: Cherry Farms Annual GW Sample

For:
Groundwater & Environmental Services Inc
495 Aero Drive
Suite 3
Cheektowaga, New York 14225

Attn: Steven Leitten

Joseph V. Giacomazza

Authorized for release by:
4/7/2014 11:25:57 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-56775-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-56775-1

Receipt
The samples were received on 3/27/2014 3:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8º C.

GC/MS VOA
Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 173513 recovered outside control limits for the following analytes: Chloromethane, chloroethane, Iodomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The laboratory control sample (LCS) for batch 173729 recovered outside control limits for the following analyte: Chloromethane. This analyte was not a requested spike compound; therefore, the data have been qualified and reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) for analytical batch 172881 recovered outside control limits for multiple analytes. These analytes were within acceptable limits in the low level calibration verification (CCVL), therefore the data have been qualified and reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 172881 recovered above the upper control limit for 3,3'-Dichlorobenzidine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-172881/4).

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 172654 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082A: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Tetrachloro-m-xylene exceeded 20% on the ZB-5 column, indicating a high bias. (CCV 480-172723/20), (CCV 480-172723/27)

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW1 — Lab Sample ID: 480-56775-1

No Detections.

Client Sample ID: MW2 — Lab Sample ID: 480-56775-2

No Detections.

Client Sample ID: MW3 — Lab Sample ID: 480-56775-3

No Detections.

Client Sample ID: MW4 — Lab Sample ID: 480-56775-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.4	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW5 — Lab Sample ID: 480-56775-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.0	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	1.4		1.0	0.41	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.31	J B	4.6	0.29	ug/L	1		8270D	Total/NA

Client Sample ID: MW6 — Lab Sample ID: 480-56775-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.39	J B	5.0	0.31	ug/L	1		8270D	Total/NA

Client Sample ID: MW7 — Lab Sample ID: 480-56775-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	10	3.0	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW1
Date Collected: 03/27/14 10:38
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 11:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 11:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 11:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 11:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 11:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 11:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 11:47	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 11:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 11:47	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 11:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 11:47	1
Acetone	ND		10	3.0	ug/L			04/03/14 11:47	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 11:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 11:47	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 11:47	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 11:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 11:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 11:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 11:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 11:47	1
Chloroethane	ND	*	1.0	0.32	ug/L			04/03/14 11:47	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 11:47	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/03/14 11:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 11:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 11:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 11:47	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 11:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 11:47	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 11:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 11:47	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 11:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 11:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*04/03/14 11:47*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*04/03/14 11:47*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/03/14 11:47*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*04/03/14 11:47*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		03/28/14 19:26	03/31/14 16:02	1
1,2,4-Trichlorobenzene	ND		10	0.46	ug/L		03/28/14 19:26	03/31/14 16:02	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		03/28/14 19:26	03/31/14 16:02	1
1,2-Dichlorobenzene	ND		10	0.41	ug/L		03/28/14 19:26	03/31/14 16:02	1
2,4,6-Trichlorophenol	ND		5.2	0.63	ug/L		03/28/14 19:26	03/31/14 16:02	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		03/28/14 19:26	03/31/14 16:02	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		03/28/14 19:26	03/31/14 16:02	1
1,3-Dichlorobenzene	ND		10	0.50	ug/L		03/28/14 19:26	03/31/14 16:02	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW1
Date Collected: 03/27/14 10:38
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	2.3	ug/L		03/28/14 19:26	03/31/14 16:02	1
2,4-Dinitrotoluene	ND		5.2	0.46	ug/L		03/28/14 19:26	03/31/14 16:02	1
1,4-Dichlorobenzene	ND		10	0.48	ug/L		03/28/14 19:26	03/31/14 16:02	1
2,6-Dinitrotoluene	ND		5.2	0.41	ug/L		03/28/14 19:26	03/31/14 16:02	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		03/28/14 19:26	03/31/14 16:02	1
2-Chlorophenol	ND		5.2	0.55	ug/L		03/28/14 19:26	03/31/14 16:02	1
2-Methylnaphthalene	ND		5.2	0.62	ug/L		03/28/14 19:26	03/31/14 16:02	1
2-Methylphenol	ND		5.2	0.41	ug/L		03/28/14 19:26	03/31/14 16:02	1
2-Nitroaniline	ND		10	0.43	ug/L		03/28/14 19:26	03/31/14 16:02	1
2-Nitrophenol	ND		5.2	0.50	ug/L		03/28/14 19:26	03/31/14 16:02	1
3,3'-Dichlorobenzidine	ND		5.2	0.41	ug/L		03/28/14 19:26	03/31/14 16:02	1
3-Nitroaniline	ND		10	0.50	ug/L		03/28/14 19:26	03/31/14 16:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		03/28/14 19:26	03/31/14 16:02	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		03/28/14 19:26	03/31/14 16:02	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		03/28/14 19:26	03/31/14 16:02	1
4-Chloroaniline	ND		5.2	0.61	ug/L		03/28/14 19:26	03/31/14 16:02	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		03/28/14 19:26	03/31/14 16:02	1
4-Methylphenol	ND		10	0.37	ug/L		03/28/14 19:26	03/31/14 16:02	1
4-Nitroaniline	ND		10	0.26	ug/L		03/28/14 19:26	03/31/14 16:02	1
4-Nitrophenol	ND		10	1.6	ug/L		03/28/14 19:26	03/31/14 16:02	1
Acenaphthene	ND		5.2	0.42	ug/L		03/28/14 19:26	03/31/14 16:02	1
Acenaphthylene	ND		5.2	0.39	ug/L		03/28/14 19:26	03/31/14 16:02	1
Anthracene	ND		5.2	0.29	ug/L		03/28/14 19:26	03/31/14 16:02	1
Benzo[a]anthracene	ND		5.2	0.37	ug/L		03/28/14 19:26	03/31/14 16:02	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		03/28/14 19:26	03/31/14 16:02	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		03/28/14 19:26	03/31/14 16:02	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		03/28/14 19:26	03/31/14 16:02	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		03/28/14 19:26	03/31/14 16:02	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		03/28/14 19:26	03/31/14 16:02	1
Bis(2-chloroethyl)ether	ND		5.2	0.41	ug/L		03/28/14 19:26	03/31/14 16:02	1
Bis(2-ethylhexyl) phthalate	ND		5.2	1.9	ug/L		03/28/14 19:26	03/31/14 16:02	1
Butyl benzyl phthalate	ND		5.2	0.43	ug/L		03/28/14 19:26	03/31/14 16:02	1
Carbazole	ND		5.2	0.31	ug/L		03/28/14 19:26	03/31/14 16:02	1
Chrysene	ND		5.2	0.34	ug/L		03/28/14 19:26	03/31/14 16:02	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		03/28/14 19:26	03/31/14 16:02	1
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		03/28/14 19:26	03/31/14 16:02	1
Dibenz(a,h)anthracene	ND		5.2	0.43	ug/L		03/28/14 19:26	03/31/14 16:02	1
Dibenzofuran	ND		10	0.53	ug/L		03/28/14 19:26	03/31/14 16:02	1
Diethyl phthalate	ND		5.2	0.23	ug/L		03/28/14 19:26	03/31/14 16:02	1
Dimethyl phthalate	ND		5.2	0.37	ug/L		03/28/14 19:26	03/31/14 16:02	1
Fluoranthene	ND		5.2	0.41	ug/L		03/28/14 19:26	03/31/14 16:02	1
Fluorene	ND		5.2	0.37	ug/L		03/28/14 19:26	03/31/14 16:02	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		03/28/14 19:26	03/31/14 16:02	1
Hexachlorobutadiene	ND		5.2	0.70	ug/L		03/28/14 19:26	03/31/14 16:02	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		03/28/14 19:26	03/31/14 16:02	1
Hexachloroethane	ND		5.2	0.61	ug/L		03/28/14 19:26	03/31/14 16:02	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		03/28/14 19:26	03/31/14 16:02	1
Isophorone	ND		5.2	0.44	ug/L		03/28/14 19:26	03/31/14 16:02	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		03/28/14 19:26	03/31/14 16:02	1

Client Sample ID: MW1

Date Collected: 03/27/14 10:38
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		03/28/14 19:26	03/31/14 16:02	1
Naphthalene	ND		5.2	0.79	ug/L		03/28/14 19:26	03/31/14 16:02	1
Nitrobenzene	ND		5.2	0.30	ug/L		03/28/14 19:26	03/31/14 16:02	1
Pentachlorophenol	ND		10	2.3	ug/L		03/28/14 19:26	03/31/14 16:02	1
Phenanthrene	ND		5.2	0.46	ug/L		03/28/14 19:26	03/31/14 16:02	1
Phenol	ND		5.2	0.40	ug/L		03/28/14 19:26	03/31/14 16:02	1
Pyrene	ND		5.2	0.35	ug/L		03/28/14 19:26	03/31/14 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*52 - 132*	*03/28/14 19:26*	*03/31/14 16:02*	*1*
2-Fluorobiphenyl	*77*		*48 - 120*	*03/28/14 19:26*	*03/31/14 16:02*	*1*
2-Fluorophenol	*57*		*20 - 120*	*03/28/14 19:26*	*03/31/14 16:02*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*03/28/14 19:26*	*03/31/14 16:02*	*1*
p-Terphenyl-d14	*105*		*67 - 150*	*03/28/14 19:26*	*03/31/14 16:02*	*1*
Phenol-d5	*39*		*16 - 120*	*03/28/14 19:26*	*03/31/14 16:02*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.51	0.18	ug/L		03/28/14 07:16	03/30/14 14:02	1
PCB-1221	ND		0.51	0.18	ug/L		03/28/14 07:16	03/30/14 14:02	1
PCB-1232	ND		0.51	0.18	ug/L		03/28/14 07:16	03/30/14 14:02	1
PCB-1242	ND		0.51	0.18	ug/L		03/28/14 07:16	03/30/14 14:02	1
PCB-1248	ND		0.51	0.18	ug/L		03/28/14 07:16	03/30/14 14:02	1
PCB-1254	ND		0.51	0.26	ug/L		03/28/14 07:16	03/30/14 14:02	1
PCB-1260	ND		0.51	0.26	ug/L		03/28/14 07:16	03/30/14 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*19 - 126*	*03/28/14 07:16*	*03/30/14 14:02*	*1*
Tetrachloro-m-xylene	*119*		*23 - 127*	*03/28/14 07:16*	*03/30/14 14:02*	*1*

Client Sample ID: MW2

Date Collected: 03/27/14 10:15
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 12:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 12:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 12:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 12:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 12:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 12:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 12:09	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 12:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 12:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 12:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 12:09	1
Acetone	ND		10	3.0	ug/L			04/03/14 12:09	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 12:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 12:09	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW2
Date Collected: 03/27/14 10:15
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			04/03/14 12:09	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 12:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 12:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 12:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 12:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 12:09	1
Chloroethane	ND	*	1.0	0.32	ug/L			04/03/14 12:09	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 12:09	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/03/14 12:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 12:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 12:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 12:09	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 12:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 12:09	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 12:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 12:09	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 12:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 12:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*04/03/14 12:09*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*04/03/14 12:09*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/03/14 12:09*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*04/03/14 12:09*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 16:26	1
1,2,4-Trichlorobenzene	ND		9.1	0.40	ug/L		03/28/14 19:26	03/31/14 16:26	1
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		03/28/14 19:26	03/31/14 16:26	1
1,2-Dichlorobenzene	ND		9.1	0.36	ug/L		03/28/14 19:26	03/31/14 16:26	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		03/28/14 19:26	03/31/14 16:26	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 16:26	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		03/28/14 19:26	03/31/14 16:26	1
1,3-Dichlorobenzene	ND		9.1	0.44	ug/L		03/28/14 19:26	03/31/14 16:26	1
2,4-Dinitrophenol	ND		9.1	2.0	ug/L		03/28/14 19:26	03/31/14 16:26	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		03/28/14 19:26	03/31/14 16:26	1
1,4-Dichlorobenzene	ND		9.1	0.42	ug/L		03/28/14 19:26	03/31/14 16:26	1
2,6-Dinitrotoluene	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 16:26	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		03/28/14 19:26	03/31/14 16:26	1
2-Chlorophenol	ND		4.6	0.48	ug/L		03/28/14 19:26	03/31/14 16:26	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		03/28/14 19:26	03/31/14 16:26	1
2-Methylphenol	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 16:26	1
2-Nitroaniline	ND		9.1	0.38	ug/L		03/28/14 19:26	03/31/14 16:26	1
2-Nitrophenol	ND		4.6	0.44	ug/L		03/28/14 19:26	03/31/14 16:26	1
3,3'-Dichlorobenzidine	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 16:26	1
3-Nitroaniline	ND		9.1	0.44	ug/L		03/28/14 19:26	03/31/14 16:26	1
4,6-Dinitro-2-methylphenol	ND		9.1	2.0	ug/L		03/28/14 19:26	03/31/14 16:26	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		03/28/14 19:26	03/31/14 16:26	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW2
Date Collected: 03/27/14 10:15
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		03/28/14 19:26	03/31/14 16:26	1
4-Chloroaniline	ND		4.6	0.54	ug/L		03/28/14 19:26	03/31/14 16:26	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 16:26	1
4-Methylphenol	ND		9.1	0.33	ug/L		03/28/14 19:26	03/31/14 16:26	1
4-Nitroaniline	ND		9.1	0.23	ug/L		03/28/14 19:26	03/31/14 16:26	1
4-Nitrophenol	ND		9.1	1.4	ug/L		03/28/14 19:26	03/31/14 16:26	1
Acenaphthene	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 16:26	1
Acenaphthylene	ND		4.6	0.35	ug/L		03/28/14 19:26	03/31/14 16:26	1
Anthracene	ND		4.6	0.26	ug/L		03/28/14 19:26	03/31/14 16:26	1
Benzo[a]anthracene	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 16:26	1
Benzo[a]pyrene	ND		4.6	0.43	ug/L		03/28/14 19:26	03/31/14 16:26	1
Benzo[b]fluoranthene	ND		4.6	0.31	ug/L		03/28/14 19:26	03/31/14 16:26	1
Benzo[g,h,i]perylene	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 16:26	1
Benzo[k]fluoranthene	ND		4.6	0.67	ug/L		03/28/14 19:26	03/31/14 16:26	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 16:26	1
Bis(2-chloroethyl)ether	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 16:26	1
Bis(2-ethylhexyl) phthalate	ND		4.6	1.6	ug/L		03/28/14 19:26	03/31/14 16:26	1
Butyl benzyl phthalate	ND		4.6	0.38	ug/L		03/28/14 19:26	03/31/14 16:26	1
Carbazole	ND		4.6	0.27	ug/L		03/28/14 19:26	03/31/14 16:26	1
Chrysene	ND		4.6	0.30	ug/L		03/28/14 19:26	03/31/14 16:26	1
Di-n-butyl phthalate	ND		4.6	0.28	ug/L		03/28/14 19:26	03/31/14 16:26	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		03/28/14 19:26	03/31/14 16:26	1
Dibenz(a,h)anthracene	ND		4.6	0.38	ug/L		03/28/14 19:26	03/31/14 16:26	1
Dibenzofuran	ND		9.1	0.47	ug/L		03/28/14 19:26	03/31/14 16:26	1
Diethyl phthalate	ND		4.6	0.20	ug/L		03/28/14 19:26	03/31/14 16:26	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 16:26	1
Fluoranthene	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 16:26	1
Fluorene	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 16:26	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 16:26	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		03/28/14 19:26	03/31/14 16:26	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		03/28/14 19:26	03/31/14 16:26	1
Hexachloroethane	ND		4.6	0.54	ug/L		03/28/14 19:26	03/31/14 16:26	1
Indeno[1,2,3-cd]pyrene	ND		4.6	0.43	ug/L		03/28/14 19:26	03/31/14 16:26	1
Isophorone	ND		4.6	0.39	ug/L		03/28/14 19:26	03/31/14 16:26	1
N-Nitrosodi-n-propylamine	ND		4.6	0.49	ug/L		03/28/14 19:26	03/31/14 16:26	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 16:26	1
Naphthalene	ND		4.6	0.69	ug/L		03/28/14 19:26	03/31/14 16:26	1
Nitrobenzene	ND		4.6	0.26	ug/L		03/28/14 19:26	03/31/14 16:26	1
Pentachlorophenol	ND		9.1	2.0	ug/L		03/28/14 19:26	03/31/14 16:26	1
Phenanthrene	ND		4.6	0.40	ug/L		03/28/14 19:26	03/31/14 16:26	1
Phenol	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 16:26	1
Pyrene	ND		4.6	0.31	ug/L		03/28/14 19:26	03/31/14 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 132*	*03/28/14 19:26*	*03/31/14 16:26*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*03/28/14 19:26*	*03/31/14 16:26*	*1*
2-Fluorophenol	*56*		*20 - 120*	*03/28/14 19:26*	*03/31/14 16:26*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*03/28/14 19:26*	*03/31/14 16:26*	*1*
p-Terphenyl-d14	*97*		*67 - 150*	*03/28/14 19:26*	*03/31/14 16:26*	*1*
Phenol-d5	*38*		*16 - 120*	*03/28/14 19:26*	*03/31/14 16:26*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW2

Lab Sample ID: 480-56775-2

Date Collected: 03/27/14 10:15

Matrix: Water

Date Received: 03/27/14 15:20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 14:18	1
PCB-1221	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 14:18	1
PCB-1232	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 14:18	1
PCB-1242	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 14:18	1
PCB-1248	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 14:18	1
PCB-1254	ND		0.52	0.26	ug/L		03/28/14 07:16	03/30/14 14:18	1
PCB-1260	ND		0.52	0.26	ug/L		03/28/14 07:16	03/30/14 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*19 - 126*	*03/28/14 07:16*	*03/30/14 14:18*	*1*
Tetrachloro-m-xylene	*108*		*23 - 127*	*03/28/14 07:16*	*03/30/14 14:18*	*1*

Client Sample ID: MW3

Lab Sample ID: 480-56775-3

Date Collected: 03/27/14 10:55

Matrix: Water

Date Received: 03/27/14 15:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 12:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 12:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 12:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 12:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 12:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 12:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 12:30	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 12:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 12:30	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 12:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 12:30	1
Acetone	ND		10	3.0	ug/L			04/03/14 12:30	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 12:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 12:30	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 12:30	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 12:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 12:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 12:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 12:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 12:30	1
Chloroethane	ND	*	1.0	0.32	ug/L			04/03/14 12:30	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 12:30	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/03/14 12:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 12:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 12:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 12:30	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 12:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 12:30	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 12:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 12:30	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 12:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 12:30	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW3
Date Collected: 03/27/14 10:55
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*04/03/14 12:30*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*04/03/14 12:30*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/03/14 12:30*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*04/03/14 12:30*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		03/28/14 19:26	03/31/14 16:50	1
1,2,4-Trichlorobenzene	ND		9.8	0.43	ug/L		03/28/14 19:26	03/31/14 16:50	1
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		03/28/14 19:26	03/31/14 16:50	1
1,2-Dichlorobenzene	ND		9.8	0.39	ug/L		03/28/14 19:26	03/31/14 16:50	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		03/28/14 19:26	03/31/14 16:50	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		03/28/14 19:26	03/31/14 16:50	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		03/28/14 19:26	03/31/14 16:50	1
1,3-Dichlorobenzene	ND		9.8	0.47	ug/L		03/28/14 19:26	03/31/14 16:50	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		03/28/14 19:26	03/31/14 16:50	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		03/28/14 19:26	03/31/14 16:50	1
1,4-Dichlorobenzene	ND		9.8	0.45	ug/L		03/28/14 19:26	03/31/14 16:50	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		03/28/14 19:26	03/31/14 16:50	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		03/28/14 19:26	03/31/14 16:50	1
2-Chlorophenol	ND		4.9	0.52	ug/L		03/28/14 19:26	03/31/14 16:50	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		03/28/14 19:26	03/31/14 16:50	1
2-Methylphenol	ND		4.9	0.39	ug/L		03/28/14 19:26	03/31/14 16:50	1
2-Nitroaniline	ND		9.8	0.41	ug/L		03/28/14 19:26	03/31/14 16:50	1
2-Nitrophenol	ND		4.9	0.47	ug/L		03/28/14 19:26	03/31/14 16:50	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		03/28/14 19:26	03/31/14 16:50	1
3-Nitroaniline	ND		9.8	0.47	ug/L		03/28/14 19:26	03/31/14 16:50	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.1	ug/L		03/28/14 19:26	03/31/14 16:50	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		03/28/14 19:26	03/31/14 16:50	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		03/28/14 19:26	03/31/14 16:50	1
4-Chloroaniline	ND		4.9	0.58	ug/L		03/28/14 19:26	03/31/14 16:50	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		03/28/14 19:26	03/31/14 16:50	1
4-Methylphenol	ND		9.8	0.35	ug/L		03/28/14 19:26	03/31/14 16:50	1
4-Nitroaniline	ND		9.8	0.24	ug/L		03/28/14 19:26	03/31/14 16:50	1
4-Nitrophenol	ND		9.8	1.5	ug/L		03/28/14 19:26	03/31/14 16:50	1
Acenaphthene	ND		4.9	0.40	ug/L		03/28/14 19:26	03/31/14 16:50	1
Acenaphthylene	ND		4.9	0.37	ug/L		03/28/14 19:26	03/31/14 16:50	1
Anthracene	ND		4.9	0.27	ug/L		03/28/14 19:26	03/31/14 16:50	1
Benzo[a]anthracene	ND		4.9	0.35	ug/L		03/28/14 19:26	03/31/14 16:50	1
Benzo[a]pyrene	ND		4.9	0.46	ug/L		03/28/14 19:26	03/31/14 16:50	1
Benzo[b]fluoranthene	ND		4.9	0.33	ug/L		03/28/14 19:26	03/31/14 16:50	1
Benzo[g,h,i]perylene	ND		4.9	0.34	ug/L		03/28/14 19:26	03/31/14 16:50	1
Benzo[k]fluoranthene	ND		4.9	0.71	ug/L		03/28/14 19:26	03/31/14 16:50	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		03/28/14 19:26	03/31/14 16:50	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		03/28/14 19:26	03/31/14 16:50	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		03/28/14 19:26	03/31/14 16:50	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		03/28/14 19:26	03/31/14 16:50	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW3
Date Collected: 03/27/14 10:55
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	ND		4.9	0.29	ug/L		03/28/14 19:26	03/31/14 16:50	1
Chrysene	ND		4.9	0.32	ug/L		03/28/14 19:26	03/31/14 16:50	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		03/28/14 19:26	03/31/14 16:50	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		03/28/14 19:26	03/31/14 16:50	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		03/28/14 19:26	03/31/14 16:50	1
Dibenzofuran	ND		9.8	0.50	ug/L		03/28/14 19:26	03/31/14 16:50	1
Diethyl phthalate	ND		4.9	0.21	ug/L		03/28/14 19:26	03/31/14 16:50	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		03/28/14 19:26	03/31/14 16:50	1
Fluoranthene	ND		4.9	0.39	ug/L		03/28/14 19:26	03/31/14 16:50	1
Fluorene	ND		4.9	0.35	ug/L		03/28/14 19:26	03/31/14 16:50	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		03/28/14 19:26	03/31/14 16:50	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		03/28/14 19:26	03/31/14 16:50	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		03/28/14 19:26	03/31/14 16:50	1
Hexachloroethane	ND		4.9	0.58	ug/L		03/28/14 19:26	03/31/14 16:50	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.46	ug/L		03/28/14 19:26	03/31/14 16:50	1
Isophorone	ND		4.9	0.42	ug/L		03/28/14 19:26	03/31/14 16:50	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		03/28/14 19:26	03/31/14 16:50	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		03/28/14 19:26	03/31/14 16:50	1
Naphthalene	ND		4.9	0.74	ug/L		03/28/14 19:26	03/31/14 16:50	1
Nitrobenzene	ND		4.9	0.28	ug/L		03/28/14 19:26	03/31/14 16:50	1
Pentachlorophenol	ND		9.8	2.1	ug/L		03/28/14 19:26	03/31/14 16:50	1
Phenanthrene	ND		4.9	0.43	ug/L		03/28/14 19:26	03/31/14 16:50	1
Phenol	ND		4.9	0.38	ug/L		03/28/14 19:26	03/31/14 16:50	1
Pyrene	ND		4.9	0.33	ug/L		03/28/14 19:26	03/31/14 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*52 - 132*	*03/28/14 19:26*	*03/31/14 16:50*	*1*
2-Fluorobiphenyl	*63*		*48 - 120*	*03/28/14 19:26*	*03/31/14 16:50*	*1*
2-Fluorophenol	*57*		*20 - 120*	*03/28/14 19:26*	*03/31/14 16:50*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*03/28/14 19:26*	*03/31/14 16:50*	*1*
p-Terphenyl-d14	*84*		*67 - 150*	*03/28/14 19:26*	*03/31/14 16:50*	*1*
Phenol-d5	*38*		*16 - 120*	*03/28/14 19:26*	*03/31/14 16:50*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		03/28/14 07:16	03/30/14 14:34	1
PCB-1221	ND		0.45	0.16	ug/L		03/28/14 07:16	03/30/14 14:34	1
PCB-1232	ND		0.45	0.16	ug/L		03/28/14 07:16	03/30/14 14:34	1
PCB-1242	ND		0.45	0.16	ug/L		03/28/14 07:16	03/30/14 14:34	1
PCB-1248	ND		0.45	0.16	ug/L		03/28/14 07:16	03/30/14 14:34	1
PCB-1254	ND		0.45	0.23	ug/L		03/28/14 07:16	03/30/14 14:34	1
PCB-1260	ND		0.45	0.23	ug/L		03/28/14 07:16	03/30/14 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*36*		*19 - 126*	*03/28/14 07:16*	*03/30/14 14:34*	*1*
Tetrachloro-m-xylene	*106*		*23 - 127*	*03/28/14 07:16*	*03/30/14 14:34*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW4
Date Collected: 03/27/14 11:45
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 12:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 12:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 12:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 12:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 12:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 12:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 12:52	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 12:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 12:52	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 12:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 12:52	1
Acetone	4.4	J	10	3.0	ug/L			04/03/14 12:52	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 12:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 12:52	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 12:52	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 12:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 12:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 12:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 12:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 12:52	1
Chloroethane	ND	*	1.0	0.32	ug/L			04/03/14 12:52	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 12:52	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/03/14 12:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 12:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 12:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 12:52	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 12:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 12:52	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 12:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 12:52	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 12:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 12:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*04/03/14 12:52*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*04/03/14 12:52*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*04/03/14 12:52*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*04/03/14 12:52*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.1	0.53	ug/L		03/28/14 19:26	03/31/14 17:14	1
1,2,4-Trichlorobenzene	ND		10	0.45	ug/L		03/28/14 19:26	03/31/14 17:14	1
2,4,5-Trichlorophenol	ND		5.1	0.49	ug/L		03/28/14 19:26	03/31/14 17:14	1
1,2-Dichlorobenzene	ND		10	0.41	ug/L		03/28/14 19:26	03/31/14 17:14	1
2,4,6-Trichlorophenol	ND		5.1	0.62	ug/L		03/28/14 19:26	03/31/14 17:14	1
2,4-Dichlorophenol	ND		5.1	0.52	ug/L		03/28/14 19:26	03/31/14 17:14	1
2,4-Dimethylphenol	ND		5.1	0.51	ug/L		03/28/14 19:26	03/31/14 17:14	1
1,3-Dichlorobenzene	ND		10	0.49	ug/L		03/28/14 19:26	03/31/14 17:14	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW4
Date Collected: 03/27/14 11:45
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	2.3	ug/L		03/28/14 19:26	03/31/14 17:14	1
2,4-Dinitrotoluene	ND		5.1	0.46	ug/L		03/28/14 19:26	03/31/14 17:14	1
1,4-Dichlorobenzene	ND		10	0.47	ug/L		03/28/14 19:26	03/31/14 17:14	1
2,6-Dinitrotoluene	ND		5.1	0.41	ug/L		03/28/14 19:26	03/31/14 17:14	1
2-Chloronaphthalene	ND		5.1	0.47	ug/L		03/28/14 19:26	03/31/14 17:14	1
2-Chlorophenol	ND		5.1	0.54	ug/L		03/28/14 19:26	03/31/14 17:14	1
2-Methylnaphthalene	ND		5.1	0.61	ug/L		03/28/14 19:26	03/31/14 17:14	1
2-Methylphenol	ND		5.1	0.41	ug/L		03/28/14 19:26	03/31/14 17:14	1
2-Nitroaniline	ND		10	0.43	ug/L		03/28/14 19:26	03/31/14 17:14	1
2-Nitrophenol	ND		5.1	0.49	ug/L		03/28/14 19:26	03/31/14 17:14	1
3,3'-Dichlorobenzidine	ND		5.1	0.41	ug/L		03/28/14 19:26	03/31/14 17:14	1
3-Nitroaniline	ND		10	0.49	ug/L		03/28/14 19:26	03/31/14 17:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 17:14	1
4-Bromophenyl phenyl ether	ND		5.1	0.46	ug/L		03/28/14 19:26	03/31/14 17:14	1
4-Chloro-3-methylphenol	ND		5.1	0.46	ug/L		03/28/14 19:26	03/31/14 17:14	1
4-Chloroaniline	ND		5.1	0.60	ug/L		03/28/14 19:26	03/31/14 17:14	1
4-Chlorophenyl phenyl ether	ND		5.1	0.36	ug/L		03/28/14 19:26	03/31/14 17:14	1
4-Methylphenol	ND		10	0.37	ug/L		03/28/14 19:26	03/31/14 17:14	1
4-Nitroaniline	ND		10	0.26	ug/L		03/28/14 19:26	03/31/14 17:14	1
4-Nitrophenol	ND		10	1.6	ug/L		03/28/14 19:26	03/31/14 17:14	1
Acenaphthene	ND		5.1	0.42	ug/L		03/28/14 19:26	03/31/14 17:14	1
Acenaphthylene	ND		5.1	0.39	ug/L		03/28/14 19:26	03/31/14 17:14	1
Anthracene	ND		5.1	0.29	ug/L		03/28/14 19:26	03/31/14 17:14	1
Benzo[a]anthracene	ND		5.1	0.37	ug/L		03/28/14 19:26	03/31/14 17:14	1
Benzo[a]pyrene	ND		5.1	0.48	ug/L		03/28/14 19:26	03/31/14 17:14	1
Benzo[b]fluoranthene	ND		5.1	0.35	ug/L		03/28/14 19:26	03/31/14 17:14	1
Benzo[g,h,i]perylene	ND		5.1	0.36	ug/L		03/28/14 19:26	03/31/14 17:14	1
Benzo[k]fluoranthene	ND		5.1	0.74	ug/L		03/28/14 19:26	03/31/14 17:14	1
Bis(2-chloroethoxy)methane	ND		5.1	0.36	ug/L		03/28/14 19:26	03/31/14 17:14	1
Bis(2-chloroethyl)ether	ND		5.1	0.41	ug/L		03/28/14 19:26	03/31/14 17:14	1
Bis(2-ethylhexyl) phthalate	ND		5.1	1.8	ug/L		03/28/14 19:26	03/31/14 17:14	1
Butyl benzyl phthalate	ND		5.1	0.43	ug/L		03/28/14 19:26	03/31/14 17:14	1
Carbazole	ND		5.1	0.31	ug/L		03/28/14 19:26	03/31/14 17:14	1
Chrysene	ND		5.1	0.34	ug/L		03/28/14 19:26	03/31/14 17:14	1
Di-n-butyl phthalate	ND		5.1	0.32	ug/L		03/28/14 19:26	03/31/14 17:14	1
Di-n-octyl phthalate	ND		5.1	0.48	ug/L		03/28/14 19:26	03/31/14 17:14	1
Dibenz(a,h)anthracene	ND		5.1	0.43	ug/L		03/28/14 19:26	03/31/14 17:14	1
Dibenzofuran	ND		10	0.52	ug/L		03/28/14 19:26	03/31/14 17:14	1
Diethyl phthalate	ND		5.1	0.22	ug/L		03/28/14 19:26	03/31/14 17:14	1
Dimethyl phthalate	ND		5.1	0.37	ug/L		03/28/14 19:26	03/31/14 17:14	1
Fluoranthene	ND		5.1	0.41	ug/L		03/28/14 19:26	03/31/14 17:14	1
Fluorene	ND		5.1	0.37	ug/L		03/28/14 19:26	03/31/14 17:14	1
Hexachlorobenzene	ND		5.1	0.52	ug/L		03/28/14 19:26	03/31/14 17:14	1
Hexachlorobutadiene	ND		5.1	0.69	ug/L		03/28/14 19:26	03/31/14 17:14	1
Hexachlorocyclopentadiene	ND		5.1	0.60	ug/L		03/28/14 19:26	03/31/14 17:14	1
Hexachloroethane	ND		5.1	0.60	ug/L		03/28/14 19:26	03/31/14 17:14	1
Indeno[1,2,3-cd]pyrene	ND		5.1	0.48	ug/L		03/28/14 19:26	03/31/14 17:14	1
Isophorone	ND		5.1	0.44	ug/L		03/28/14 19:26	03/31/14 17:14	1
N-Nitrosodi-n-propylamine	ND		5.1	0.55	ug/L		03/28/14 19:26	03/31/14 17:14	1

Client Sample ID: MW4

Lab Sample ID: 480-56775-4

Date Collected: 03/27/14 11:45

Matrix: Water

Date Received: 03/27/14 15:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.1	0.52	ug/L		03/28/14 19:26	03/31/14 17:14	1
Naphthalene	ND		5.1	0.78	ug/L		03/28/14 19:26	03/31/14 17:14	1
Nitrobenzene	ND		5.1	0.30	ug/L		03/28/14 19:26	03/31/14 17:14	1
Pentachlorophenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 17:14	1
Phenanthrene	ND		5.1	0.45	ug/L		03/28/14 19:26	03/31/14 17:14	1
Phenol	ND		5.1	0.40	ug/L		03/28/14 19:26	03/31/14 17:14	1
Pyrene	ND		5.1	0.35	ug/L		03/28/14 19:26	03/31/14 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*64*		*52 - 132*	*03/28/14 19:26*	*03/31/14 17:14*	*1*
2-Fluorobiphenyl	*79*		*48 - 120*	*03/28/14 19:26*	*03/31/14 17:14*	*1*
2-Fluorophenol	*29*		*20 - 120*	*03/28/14 19:26*	*03/31/14 17:14*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*03/28/14 19:26*	*03/31/14 17:14*	*1*
p-Terphenyl-d14	*90*		*67 - 150*	*03/28/14 19:26*	*03/31/14 17:14*	*1*
Phenol-d5	*19*		*16 - 120*	*03/28/14 19:26*	*03/31/14 17:14*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.49	0.17	ug/L		03/28/14 07:16	03/30/14 14:50	1
PCB-1221	ND		0.49	0.17	ug/L		03/28/14 07:16	03/30/14 14:50	1
PCB-1232	ND		0.49	0.17	ug/L		03/28/14 07:16	03/30/14 14:50	1
PCB-1242	ND		0.49	0.17	ug/L		03/28/14 07:16	03/30/14 14:50	1
PCB-1248	ND		0.49	0.17	ug/L		03/28/14 07:16	03/30/14 14:50	1
PCB-1254	ND		0.49	0.24	ug/L		03/28/14 07:16	03/30/14 14:50	1
PCB-1260	ND		0.49	0.24	ug/L		03/28/14 07:16	03/30/14 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*35*		*19 - 126*	*03/28/14 07:16*	*03/30/14 14:50*	*1*
Tetrachloro-m-xylene	*81*		*23 - 127*	*03/28/14 07:16*	*03/30/14 14:50*	*1*

Client Sample ID: MW5

Lab Sample ID: 480-56775-5

Date Collected: 03/27/14 12:20

Matrix: Water

Date Received: 03/27/14 15:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 00:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 00:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 00:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 00:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 00:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 00:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 00:06	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 00:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 00:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 00:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 00:06	1
Acetone	**9.0**	**J**	10	3.0	ug/L			04/04/14 00:06	1
Benzene	**1.4**		1.0	0.41	ug/L			04/04/14 00:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 00:06	1

Client Sample ID: MW5
Date Collected: 03/27/14 12:20
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			04/04/14 00:06	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 00:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 00:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 00:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 00:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 00:06	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 00:06	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 00:06	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/04/14 00:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 00:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 00:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 00:06	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 00:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 00:06	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 00:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 00:06	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 00:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 00:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*04/04/14 00:06*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*04/04/14 00:06*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*04/04/14 00:06*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*04/04/14 00:06*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		03/28/14 19:26	03/31/14 17:38	1
1,2,4-Trichlorobenzene	ND		9.2	0.40	ug/L		03/28/14 19:26	03/31/14 17:38	1
2,4,5-Trichlorophenol	ND		4.6	0.44	ug/L		03/28/14 19:26	03/31/14 17:38	1
1,2-Dichlorobenzene	ND		9.2	0.37	ug/L		03/28/14 19:26	03/31/14 17:38	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		03/28/14 19:26	03/31/14 17:38	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 17:38	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		03/28/14 19:26	03/31/14 17:38	1
1,3-Dichlorobenzene	ND		9.2	0.44	ug/L		03/28/14 19:26	03/31/14 17:38	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		03/28/14 19:26	03/31/14 17:38	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		03/28/14 19:26	03/31/14 17:38	1
1,4-Dichlorobenzene	ND		9.2	0.42	ug/L		03/28/14 19:26	03/31/14 17:38	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 17:38	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		03/28/14 19:26	03/31/14 17:38	1
2-Chlorophenol	ND		4.6	0.49	ug/L		03/28/14 19:26	03/31/14 17:38	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		03/28/14 19:26	03/31/14 17:38	1
2-Methylphenol	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 17:38	1
2-Nitroaniline	ND		9.2	0.39	ug/L		03/28/14 19:26	03/31/14 17:38	1
2-Nitrophenol	ND		4.6	0.44	ug/L		03/28/14 19:26	03/31/14 17:38	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 17:38	1
3-Nitroaniline	ND		9.2	0.44	ug/L		03/28/14 19:26	03/31/14 17:38	1
4,6-Dinitro-2-methylphenol	ND		9.2	2.0	ug/L		03/28/14 19:26	03/31/14 17:38	1
4-Bromophenyl phenyl ether	ND		4.6	0.41	ug/L		03/28/14 19:26	03/31/14 17:38	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW5
Date Collected: 03/27/14 12:20
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		03/28/14 19:26	03/31/14 17:38	1
4-Chloroaniline	ND		4.6	0.54	ug/L		03/28/14 19:26	03/31/14 17:38	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 17:38	1
4-Methylphenol	ND		9.2	0.33	ug/L		03/28/14 19:26	03/31/14 17:38	1
4-Nitroaniline	ND		9.2	0.23	ug/L		03/28/14 19:26	03/31/14 17:38	1
4-Nitrophenol	ND		9.2	1.4	ug/L		03/28/14 19:26	03/31/14 17:38	1
Acenaphthene	ND		4.6	0.38	ug/L		03/28/14 19:26	03/31/14 17:38	1
Acenaphthylene	ND		4.6	0.35	ug/L		03/28/14 19:26	03/31/14 17:38	1
Anthracene	ND		4.6	0.26	ug/L		03/28/14 19:26	03/31/14 17:38	1
Benzo[a]anthracene	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 17:38	1
Benzo[a]pyrene	ND		4.6	0.43	ug/L		03/28/14 19:26	03/31/14 17:38	1
Benzo[b]fluoranthene	ND		4.6	0.31	ug/L		03/28/14 19:26	03/31/14 17:38	1
Benzo[g,h,i]perylene	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 17:38	1
Benzo[k]fluoranthene	ND		4.6	0.67	ug/L		03/28/14 19:26	03/31/14 17:38	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 17:38	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 17:38	1
Bis(2-ethylhexyl) phthalate	ND		4.6	1.7	ug/L		03/28/14 19:26	03/31/14 17:38	1
Butyl benzyl phthalate	ND		4.6	0.39	ug/L		03/28/14 19:26	03/31/14 17:38	1
Carbazole	ND		4.6	0.28	ug/L		03/28/14 19:26	03/31/14 17:38	1
Chrysene	ND		4.6	0.30	ug/L		03/28/14 19:26	03/31/14 17:38	1
Di-n-butyl phthalate	**0.31**	**J B**	4.6	0.29	ug/L		03/28/14 19:26	03/31/14 17:38	1
Di-n-octyl phthalate	ND		4.6	0.43	ug/L		03/28/14 19:26	03/31/14 17:38	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		03/28/14 19:26	03/31/14 17:38	1
Dibenzofuran	ND		9.2	0.47	ug/L		03/28/14 19:26	03/31/14 17:38	1
Diethyl phthalate	ND		4.6	0.20	ug/L		03/28/14 19:26	03/31/14 17:38	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 17:38	1
Fluoranthene	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 17:38	1
Fluorene	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 17:38	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 17:38	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		03/28/14 19:26	03/31/14 17:38	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		03/28/14 19:26	03/31/14 17:38	1
Hexachloroethane	ND		4.6	0.54	ug/L		03/28/14 19:26	03/31/14 17:38	1
Indeno[1,2,3-cd]pyrene	ND		4.6	0.43	ug/L		03/28/14 19:26	03/31/14 17:38	1
Isophorone	ND		4.6	0.40	ug/L		03/28/14 19:26	03/31/14 17:38	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		03/28/14 19:26	03/31/14 17:38	1
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 17:38	1
Naphthalene	ND		4.6	0.70	ug/L		03/28/14 19:26	03/31/14 17:38	1
Nitrobenzene	ND		4.6	0.27	ug/L		03/28/14 19:26	03/31/14 17:38	1
Pentachlorophenol	ND		9.2	2.0	ug/L		03/28/14 19:26	03/31/14 17:38	1
Phenanthrene	ND		4.6	0.40	ug/L		03/28/14 19:26	03/31/14 17:38	1
Phenol	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 17:38	1
Pyrene	ND		4.6	0.31	ug/L		03/28/14 19:26	03/31/14 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*52 - 132*	*03/28/14 19:26*	*03/31/14 17:38*	*1*
2-Fluorobiphenyl	*58*		*48 - 120*	*03/28/14 19:26*	*03/31/14 17:38*	*1*
2-Fluorophenol	*55*		*20 - 120*	*03/28/14 19:26*	*03/31/14 17:38*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*03/28/14 19:26*	*03/31/14 17:38*	*1*
p-Terphenyl-d14	*71*		*67 - 150*	*03/28/14 19:26*	*03/31/14 17:38*	*1*
Phenol-d5	*37*		*16 - 120*	*03/28/14 19:26*	*03/31/14 17:38*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW5

Lab Sample ID: 480-56775-5

Date Collected: 03/27/14 12:20

Matrix: Water

Date Received: 03/27/14 15:20

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.53	0.19	ug/L		03/28/14 07:16	03/30/14 15:38	1
PCB-1221	ND		0.53	0.19	ug/L		03/28/14 07:16	03/30/14 15:38	1
PCB-1232	ND		0.53	0.19	ug/L		03/28/14 07:16	03/30/14 15:38	1
PCB-1242	ND		0.53	0.19	ug/L		03/28/14 07:16	03/30/14 15:38	1
PCB-1248	ND		0.53	0.19	ug/L		03/28/14 07:16	03/30/14 15:38	1
PCB-1254	ND		0.53	0.27	ug/L		03/28/14 07:16	03/30/14 15:38	1
PCB-1260	ND		0.53	0.27	ug/L		03/28/14 07:16	03/30/14 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*19 - 126*	*03/28/14 07:16*	*03/30/14 15:38*	*1*
Tetrachloro-m-xylene	*101*		*23 - 127*	*03/28/14 07:16*	*03/30/14 15:38*	*1*

Client Sample ID: MW6

Lab Sample ID: 480-56775-6

Date Collected: 03/27/14 13:20

Matrix: Water

Date Received: 03/27/14 15:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 13:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 13:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 13:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 13:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 13:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 13:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 13:36	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 13:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 13:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 13:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 13:36	1
Acetone	ND		10	3.0	ug/L			04/03/14 13:36	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 13:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 13:36	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 13:36	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 13:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 13:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 13:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 13:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 13:36	1
Chloroethane	ND	*	1.0	0.32	ug/L			04/03/14 13:36	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 13:36	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/03/14 13:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 13:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 13:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 13:36	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 13:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 13:36	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 13:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 13:36	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 13:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 13:36	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW6
Date Collected: 03/27/14 13:20
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*04/03/14 13:36*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*04/03/14 13:36*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/03/14 13:36*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*		*04/03/14 13:36*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/28/14 19:26	03/31/14 18:02	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		03/28/14 19:26	03/31/14 18:02	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/28/14 19:26	03/31/14 18:02	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		03/28/14 19:26	03/31/14 18:02	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/28/14 19:26	03/31/14 18:02	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/28/14 19:26	03/31/14 18:02	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/28/14 19:26	03/31/14 18:02	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		03/28/14 19:26	03/31/14 18:02	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 18:02	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/28/14 19:26	03/31/14 18:02	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		03/28/14 19:26	03/31/14 18:02	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 18:02	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/28/14 19:26	03/31/14 18:02	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/28/14 19:26	03/31/14 18:02	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/28/14 19:26	03/31/14 18:02	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 18:02	1
2-Nitroaniline	ND		10	0.42	ug/L		03/28/14 19:26	03/31/14 18:02	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/28/14 19:26	03/31/14 18:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 18:02	1
3-Nitroaniline	ND		10	0.48	ug/L		03/28/14 19:26	03/31/14 18:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 18:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/28/14 19:26	03/31/14 18:02	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/28/14 19:26	03/31/14 18:02	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/28/14 19:26	03/31/14 18:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/28/14 19:26	03/31/14 18:02	1
4-Methylphenol	ND		10	0.36	ug/L		03/28/14 19:26	03/31/14 18:02	1
4-Nitroaniline	ND		10	0.25	ug/L		03/28/14 19:26	03/31/14 18:02	1
4-Nitrophenol	ND		10	1.5	ug/L		03/28/14 19:26	03/31/14 18:02	1
Acenaphthene	ND		5.0	0.41	ug/L		03/28/14 19:26	03/31/14 18:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/28/14 19:26	03/31/14 18:02	1
Anthracene	ND		5.0	0.28	ug/L		03/28/14 19:26	03/31/14 18:02	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		03/28/14 19:26	03/31/14 18:02	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		03/28/14 19:26	03/31/14 18:02	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		03/28/14 19:26	03/31/14 18:02	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		03/28/14 19:26	03/31/14 18:02	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		03/28/14 19:26	03/31/14 18:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/28/14 19:26	03/31/14 18:02	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 18:02	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		03/28/14 19:26	03/31/14 18:02	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		03/28/14 19:26	03/31/14 18:02	1

Client Sample ID: MW6
Date Collected: 03/27/14 13:20
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	ND		5.0	0.30	ug/L		03/28/14 19:26	03/31/14 18:02	1
Chrysene	ND		5.0	0.33	ug/L		03/28/14 19:26	03/31/14 18:02	1
Di-n-butyl phthalate	**0.39**	**J B**	5.0	0.31	ug/L		03/28/14 19:26	03/31/14 18:02	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/28/14 19:26	03/31/14 18:02	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/28/14 19:26	03/31/14 18:02	1
Dibenzofuran	ND		10	0.51	ug/L		03/28/14 19:26	03/31/14 18:02	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/28/14 19:26	03/31/14 18:02	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/28/14 19:26	03/31/14 18:02	1
Fluoranthene	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 18:02	1
Fluorene	ND		5.0	0.36	ug/L		03/28/14 19:26	03/31/14 18:02	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/28/14 19:26	03/31/14 18:02	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/28/14 19:26	03/31/14 18:02	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/28/14 19:26	03/31/14 18:02	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/28/14 19:26	03/31/14 18:02	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		03/28/14 19:26	03/31/14 18:02	1
Isophorone	ND		5.0	0.43	ug/L		03/28/14 19:26	03/31/14 18:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/28/14 19:26	03/31/14 18:02	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/28/14 19:26	03/31/14 18:02	1
Naphthalene	ND		5.0	0.76	ug/L		03/28/14 19:26	03/31/14 18:02	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/28/14 19:26	03/31/14 18:02	1
Pentachlorophenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 18:02	1
Phenanthrene	ND		5.0	0.44	ug/L		03/28/14 19:26	03/31/14 18:02	1
Phenol	ND		5.0	0.39	ug/L		03/28/14 19:26	03/31/14 18:02	1
Pyrene	ND		5.0	0.34	ug/L		03/28/14 19:26	03/31/14 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*52 - 132*	*03/28/14 19:26*	*03/31/14 18:02*	*1*
2-Fluorobiphenyl	*59*		*48 - 120*	*03/28/14 19:26*	*03/31/14 18:02*	*1*
2-Fluorophenol	*53*		*20 - 120*	*03/28/14 19:26*	*03/31/14 18:02*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*03/28/14 19:26*	*03/31/14 18:02*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*03/28/14 19:26*	*03/31/14 18:02*	*1*
Phenol-d5	*36*		*16 - 120*	*03/28/14 19:26*	*03/31/14 18:02*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 15:53	1
PCB-1221	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 15:53	1
PCB-1232	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 15:53	1
PCB-1242	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 15:53	1
PCB-1248	ND		0.52	0.18	ug/L		03/28/14 07:16	03/30/14 15:53	1
PCB-1254	ND		0.52	0.26	ug/L		03/28/14 07:16	03/30/14 15:53	1
PCB-1260	ND		0.52	0.26	ug/L		03/28/14 07:16	03/30/14 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*19 - 126*	*03/28/14 07:16*	*03/30/14 15:53*	*1*
Tetrachloro-m-xylene	*110*		*23 - 127*	*03/28/14 07:16*	*03/30/14 15:53*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW7
Date Collected: 03/27/14 09:40
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 13:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 13:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 13:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 13:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 13:58	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 13:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 13:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 13:58	1
Acetone	3.4	J	10	3.0	ug/L			04/03/14 13:58	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 13:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 13:58	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 13:58	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 13:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 13:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 13:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 13:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 13:58	1
Chloroethane	ND	*	1.0	0.32	ug/L			04/03/14 13:58	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 13:58	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/03/14 13:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 13:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 13:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 13:58	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 13:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 13:58	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 13:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 13:58	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 13:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 13:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*04/03/14 13:58*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*04/03/14 13:58*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/03/14 13:58*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*04/03/14 13:58*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		03/28/14 19:26	03/31/14 18:27	1
1,2,4-Trichlorobenzene	ND		9.3	0.41	ug/L		03/28/14 19:26	03/31/14 18:27	1
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		03/28/14 19:26	03/31/14 18:27	1
1,2-Dichlorobenzene	ND		9.3	0.37	ug/L		03/28/14 19:26	03/31/14 18:27	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		03/28/14 19:26	03/31/14 18:27	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 18:27	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		03/28/14 19:26	03/31/14 18:27	1
1,3-Dichlorobenzene	ND		9.3	0.45	ug/L		03/28/14 19:26	03/31/14 18:27	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW7
Date Collected: 03/27/14 09:40
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		03/28/14 19:26	03/31/14 18:27	1
2,4-Dinitrotoluene	ND		4.6	0.42	ug/L		03/28/14 19:26	03/31/14 18:27	1
1,4-Dichlorobenzene	ND		9.3	0.43	ug/L		03/28/14 19:26	03/31/14 18:27	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 18:27	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		03/28/14 19:26	03/31/14 18:27	1
2-Chlorophenol	ND		4.6	0.49	ug/L		03/28/14 19:26	03/31/14 18:27	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		03/28/14 19:26	03/31/14 18:27	1
2-Methylphenol	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 18:27	1
2-Nitroaniline	ND		9.3	0.39	ug/L		03/28/14 19:26	03/31/14 18:27	1
2-Nitrophenol	ND		4.6	0.45	ug/L		03/28/14 19:26	03/31/14 18:27	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 18:27	1
3-Nitroaniline	ND		9.3	0.45	ug/L		03/28/14 19:26	03/31/14 18:27	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		03/28/14 19:26	03/31/14 18:27	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		03/28/14 19:26	03/31/14 18:27	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		03/28/14 19:26	03/31/14 18:27	1
4-Chloroaniline	ND		4.6	0.55	ug/L		03/28/14 19:26	03/31/14 18:27	1
4-Chlorophenyl phenyl ether	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 18:27	1
4-Methylphenol	ND		9.3	0.33	ug/L		03/28/14 19:26	03/31/14 18:27	1
4-Nitroaniline	ND		9.3	0.23	ug/L		03/28/14 19:26	03/31/14 18:27	1
4-Nitrophenol	ND		9.3	1.4	ug/L		03/28/14 19:26	03/31/14 18:27	1
Acenaphthene	ND		4.6	0.38	ug/L		03/28/14 19:26	03/31/14 18:27	1
Acenaphthylene	ND		4.6	0.35	ug/L		03/28/14 19:26	03/31/14 18:27	1
Anthracene	ND		4.6	0.26	ug/L		03/28/14 19:26	03/31/14 18:27	1
Benzo[a]anthracene	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 18:27	1
Benzo[a]pyrene	ND		4.6	0.44	ug/L		03/28/14 19:26	03/31/14 18:27	1
Benzo[b]fluoranthene	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 18:27	1
Benzo[g,h,i]perylene	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 18:27	1
Benzo[k]fluoranthene	ND		4.6	0.68	ug/L		03/28/14 19:26	03/31/14 18:27	1
Bis(2-chloroethoxy)methane	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 18:27	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 18:27	1
Bis(2-ethylhexyl) phthalate	ND		4.6	1.7	ug/L		03/28/14 19:26	03/31/14 18:27	1
Butyl benzyl phthalate	ND		4.6	0.39	ug/L		03/28/14 19:26	03/31/14 18:27	1
Carbazole	ND		4.6	0.28	ug/L		03/28/14 19:26	03/31/14 18:27	1
Chrysene	ND		4.6	0.31	ug/L		03/28/14 19:26	03/31/14 18:27	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		03/28/14 19:26	03/31/14 18:27	1
Di-n-octyl phthalate	ND		4.6	0.44	ug/L		03/28/14 19:26	03/31/14 18:27	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		03/28/14 19:26	03/31/14 18:27	1
Dibenzofuran	ND		9.3	0.47	ug/L		03/28/14 19:26	03/31/14 18:27	1
Diethyl phthalate	ND		4.6	0.20	ug/L		03/28/14 19:26	03/31/14 18:27	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 18:27	1
Fluoranthene	ND		4.6	0.37	ug/L		03/28/14 19:26	03/31/14 18:27	1
Fluorene	ND		4.6	0.33	ug/L		03/28/14 19:26	03/31/14 18:27	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 18:27	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		03/28/14 19:26	03/31/14 18:27	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		03/28/14 19:26	03/31/14 18:27	1
Hexachloroethane	ND		4.6	0.55	ug/L		03/28/14 19:26	03/31/14 18:27	1
Indeno[1,2,3-cd]pyrene	ND		4.6	0.44	ug/L		03/28/14 19:26	03/31/14 18:27	1
Isophorone	ND		4.6	0.40	ug/L		03/28/14 19:26	03/31/14 18:27	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		03/28/14 19:26	03/31/14 18:27	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW7
Date Collected: 03/27/14 09:40
Date Received: 03/27/14 15:20

Lab Sample ID: 480-56775-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		4.6	0.47	ug/L		03/28/14 19:26	03/31/14 18:27	1
Naphthalene	ND		4.6	0.71	ug/L		03/28/14 19:26	03/31/14 18:27	1
Nitrobenzene	ND		4.6	0.27	ug/L		03/28/14 19:26	03/31/14 18:27	1
Pentachlorophenol	ND		9.3	2.0	ug/L		03/28/14 19:26	03/31/14 18:27	1
Phenanthrene	ND		4.6	0.41	ug/L		03/28/14 19:26	03/31/14 18:27	1
Phenol	ND		4.6	0.36	ug/L		03/28/14 19:26	03/31/14 18:27	1
Pyrene	ND		4.6	0.32	ug/L		03/28/14 19:26	03/31/14 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*52 - 132*	*03/28/14 19:26*	*03/31/14 18:27*	*1*
2-Fluorobiphenyl	*61*		*48 - 120*	*03/28/14 19:26*	*03/31/14 18:27*	*1*
2-Fluorophenol	*55*		*20 - 120*	*03/28/14 19:26*	*03/31/14 18:27*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*03/28/14 19:26*	*03/31/14 18:27*	*1*
p-Terphenyl-d14	*77*		*67 - 150*	*03/28/14 19:26*	*03/31/14 18:27*	*1*
Phenol-d5	*36*		*16 - 120*	*03/28/14 19:26*	*03/31/14 18:27*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		03/28/14 07:16	03/30/14 16:09	1
PCB-1221	ND		0.46	0.16	ug/L		03/28/14 07:16	03/30/14 16:09	1
PCB-1232	ND		0.46	0.16	ug/L		03/28/14 07:16	03/30/14 16:09	1
PCB-1242	ND		0.46	0.16	ug/L		03/28/14 07:16	03/30/14 16:09	1
PCB-1248	ND		0.46	0.16	ug/L		03/28/14 07:16	03/30/14 16:09	1
PCB-1254	ND		0.46	0.23	ug/L		03/28/14 07:16	03/30/14 16:09	1
PCB-1260	ND		0.46	0.23	ug/L		03/28/14 07:16	03/30/14 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*19 - 126*	*03/28/14 07:16*	*03/30/14 16:09*	*1*
Tetrachloro-m-xylene	*110*		*23 - 127*	*03/28/14 07:16*	*03/30/14 16:09*	*1*

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-56775-1	MW1	107	103	101	102
480-56775-2	MW2	108	103	100	108
480-56775-3	MW3	109	104	100	108
480-56775-4	MW4	107	105	102	108
480-56775-5	MW5	106	102	104	104
480-56775-6	MW6	111	104	103	107
480-56775-7	MW7	110	102	98	108
LCS 480-173513/4	Lab Control Sample	115	105	109	114
LCS 480-173729/4	Lab Control Sample	112	103	109	112
MB 480-173513/6	Method Blank	112	104	102	108
MB 480-173729/6	Method Blank	113	106	103	109

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-56775-1	MW1	86	77	57	83	105	39
480-56775-1 MS	MW1	108	92	80	93	111	83
480-56775-1 MSD	MW1	104	87	75	88	108	76
480-56775-2	MW2	87	86	56	85	97	38
480-56775-3	MW3	90	63	57	88	84	38
480-56775-4	MW4	64	79	29	85	90	19
480-56775-5	MW5	93	58	55	80	71	37
480-56775-6	MW6	96	59	53	79	81	36
480-56775-7	MW7	97	61	55	80	77	36
LCS 480-172654/2-A	Lab Control Sample	106	88	66	88	117	60
MB 480-172654/1-A	Method Blank	80	74	53	83	114	37

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(19-126)	(23-127)										
480-56775-1	MW1	59	119										
480-56775-2	MW2	60	108										
480-56775-3	MW3	36	106										
480-56775-4	MW4	35	81										
480-56775-5	MW5	47	101										
480-56775-6	MW6	49	110										
480-56775-7	MW7	49	110										
LCS 480-172461/2-A	Lab Control Sample	57	116										
LCSD 480-172461/3-A	Lab Control Sample Dup	59	116										
MB 480-172461/1-A	Method Blank	54	107										

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-173513/6
Matrix: Water
Analysis Batch: 173513

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 09:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 09:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 09:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 09:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 09:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 09:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 09:25	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 09:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 09:25	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 09:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 09:25	1
Acetone	ND		10	3.0	ug/L			04/03/14 09:25	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 09:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 09:25	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 09:25	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 09:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 09:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 09:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 09:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 09:25	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/14 09:25	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 09:25	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/14 09:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 09:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 09:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 09:25	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 09:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 09:25	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 09:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 09:25	1
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 09:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 09:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 09:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*04/03/14 09:25*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*04/03/14 09:25*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*04/03/14 09:25*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*04/03/14 09:25*	*1*

Lab Sample ID: LCS 480-173513/4
Matrix: Water
Analysis Batch: 173513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	26.2		ug/L		105	71 - 129
1,1-Dichloroethene	25.0	27.8		ug/L		111	58 - 121
1,2-Dichloroethane	25.0	28.0		ug/L		112	75 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-173513/4
Matrix: Water
Analysis Batch: 173513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.3		ug/L		105	71 - 124
Chlorobenzene	25.0	25.5		ug/L		102	72 - 120
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	24.8		ug/L		99	80 - 122
Trichloroethene	25.0	27.6		ug/L		110	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*
Toluene-d8 (Surr)	*105*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Dibromofluoromethane (Surr)	*114*		*60 - 140*

Lab Sample ID: MB 480-173729/6
Matrix: Water
Analysis Batch: 173729

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/03/14 21:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/03/14 21:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/03/14 21:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/03/14 21:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/03/14 21:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/03/14 21:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/03/14 21:37	1
2-Hexanone	ND		5.0	1.2	ug/L			04/03/14 21:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/03/14 21:37	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/03/14 21:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/03/14 21:37	1
Acetone	ND		10	3.0	ug/L			04/03/14 21:37	1
Benzene	ND		1.0	0.41	ug/L			04/03/14 21:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/03/14 21:37	1
Bromoform	ND		1.0	0.26	ug/L			04/03/14 21:37	1
Bromomethane	ND		1.0	0.69	ug/L			04/03/14 21:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/03/14 21:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/03/14 21:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/03/14 21:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/03/14 21:37	1
Chloroethane	ND		1.0	0.32	ug/L			04/03/14 21:37	1
Chloroform	ND		1.0	0.34	ug/L			04/03/14 21:37	1
Chloromethane	ND		1.0	0.35	ug/L			04/03/14 21:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/03/14 21:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/03/14 21:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/03/14 21:37	1
Styrene	ND		1.0	0.73	ug/L			04/03/14 21:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/03/14 21:37	1
Toluene	ND		1.0	0.51	ug/L			04/03/14 21:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/03/14 21:37	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-173729/6
Matrix: Water
Analysis Batch: 173729

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.46	ug/L			04/03/14 21:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/03/14 21:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/03/14 21:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*04/03/14 21:37*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*04/03/14 21:37*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/03/14 21:37*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*		*04/03/14 21:37*	*1*

Lab Sample ID: LCS 480-173729/4
Matrix: Water
Analysis Batch: 173729

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.8		ug/L		95	71 - 129
1,1-Dichloroethene	25.0	25.7		ug/L		103	58 - 121
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 127
Benzene	25.0	24.8		ug/L		99	71 - 124
Chlorobenzene	25.0	23.9		ug/L		96	72 - 120
Ethylbenzene	25.0	24.5		ug/L		98	77 - 123
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
Trichloroethene	25.0	25.8		ug/L		103	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*
Toluene-d8 (Surr)	*103*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Dibromofluoromethane (Surr)	*112*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-172654/1-A
Matrix: Water
Analysis Batch: 172881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/28/14 19:26	03/31/14 14:26	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		03/28/14 19:26	03/31/14 14:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/28/14 19:26	03/31/14 14:26	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		03/28/14 19:26	03/31/14 14:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/28/14 19:26	03/31/14 14:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/28/14 19:26	03/31/14 14:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/28/14 19:26	03/31/14 14:26	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		03/28/14 19:26	03/31/14 14:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 14:26	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-172654/1-A
Matrix: Water
Analysis Batch: 172881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/28/14 19:26	03/31/14 14:26	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		03/28/14 19:26	03/31/14 14:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 14:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/28/14 19:26	03/31/14 14:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/28/14 19:26	03/31/14 14:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/28/14 19:26	03/31/14 14:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 14:26	1
2-Nitroaniline	ND		10	0.42	ug/L		03/28/14 19:26	03/31/14 14:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/28/14 19:26	03/31/14 14:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 14:26	1
3-Nitroaniline	ND		10	0.48	ug/L		03/28/14 19:26	03/31/14 14:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 14:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/28/14 19:26	03/31/14 14:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/28/14 19:26	03/31/14 14:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/28/14 19:26	03/31/14 14:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/28/14 19:26	03/31/14 14:26	1
4-Methylphenol	ND		10	0.36	ug/L		03/28/14 19:26	03/31/14 14:26	1
4-Nitroaniline	ND		10	0.25	ug/L		03/28/14 19:26	03/31/14 14:26	1
4-Nitrophenol	ND		10	1.5	ug/L		03/28/14 19:26	03/31/14 14:26	1
Acenaphthene	ND		5.0	0.41	ug/L		03/28/14 19:26	03/31/14 14:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/28/14 19:26	03/31/14 14:26	1
Anthracene	ND		5.0	0.28	ug/L		03/28/14 19:26	03/31/14 14:26	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		03/28/14 19:26	03/31/14 14:26	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		03/28/14 19:26	03/31/14 14:26	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		03/28/14 19:26	03/31/14 14:26	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		03/28/14 19:26	03/31/14 14:26	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		03/28/14 19:26	03/31/14 14:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/28/14 19:26	03/31/14 14:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 14:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		03/28/14 19:26	03/31/14 14:26	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		03/28/14 19:26	03/31/14 14:26	1
Carbazole	ND		5.0	0.30	ug/L		03/28/14 19:26	03/31/14 14:26	1
Chrysene	ND		5.0	0.33	ug/L		03/28/14 19:26	03/31/14 14:26	1
Di-n-butyl phthalate	0.377	J	5.0	0.31	ug/L		03/28/14 19:26	03/31/14 14:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/28/14 19:26	03/31/14 14:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/28/14 19:26	03/31/14 14:26	1
Dibenzofuran	ND		10	0.51	ug/L		03/28/14 19:26	03/31/14 14:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/28/14 19:26	03/31/14 14:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/28/14 19:26	03/31/14 14:26	1
Fluoranthene	ND		5.0	0.40	ug/L		03/28/14 19:26	03/31/14 14:26	1
Fluorene	ND		5.0	0.36	ug/L		03/28/14 19:26	03/31/14 14:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/28/14 19:26	03/31/14 14:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/28/14 19:26	03/31/14 14:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/28/14 19:26	03/31/14 14:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/28/14 19:26	03/31/14 14:26	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		03/28/14 19:26	03/31/14 14:26	1
Isophorone	ND		5.0	0.43	ug/L		03/28/14 19:26	03/31/14 14:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/28/14 19:26	03/31/14 14:26	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-172654/1-A
Matrix: Water
Analysis Batch: 172881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/28/14 19:26	03/31/14 14:26	1
Naphthalene	ND		5.0	0.76	ug/L		03/28/14 19:26	03/31/14 14:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/28/14 19:26	03/31/14 14:26	1
Pentachlorophenol	ND		10	2.2	ug/L		03/28/14 19:26	03/31/14 14:26	1
Phenanthrene	ND		5.0	0.44	ug/L		03/28/14 19:26	03/31/14 14:26	1
Phenol	ND		5.0	0.39	ug/L		03/28/14 19:26	03/31/14 14:26	1
Pyrene	ND		5.0	0.34	ug/L		03/28/14 19:26	03/31/14 14:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*80*		*52 - 132*	*03/28/14 19:26*	*03/31/14 14:26*	*1*
2-Fluorobiphenyl	*74*		*48 - 120*	*03/28/14 19:26*	*03/31/14 14:26*	*1*
2-Fluorophenol	*53*		*20 - 120*	*03/28/14 19:26*	*03/31/14 14:26*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*03/28/14 19:26*	*03/31/14 14:26*	*1*
p-Terphenyl-d14	*114*		*67 - 150*	*03/28/14 19:26*	*03/31/14 14:26*	*1*
Phenol-d5	*37*		*16 - 120*	*03/28/14 19:26*	*03/31/14 14:26*	*1*

Lab Sample ID: LCS 480-172654/2-A
Matrix: Water
Analysis Batch: 172881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	24.7		ug/L		77	40 - 120
2,4-Dinitrophenol	64.0	49.8		ug/L		78	42 - 153
1,4-Dichlorobenzene	32.0	24.4		ug/L		76	32 - 120
2-Chlorophenol	32.0	26.3		ug/L		82	48 - 120
4-Chloro-3-methylphenol	32.0	33.0		ug/L		103	64 - 120
4-Nitrophenol	64.0	50.9		ug/L		80	16 - 120
Acenaphthene	32.0	28.3		ug/L		88	60 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.8		ug/L		102	53 - 158
Fluorene	32.0	29.3		ug/L		92	55 - 143
Hexachloroethane	32.0	27.1		ug/L		85	14 - 101
N-Nitrosodi-n-propylamine	32.0	31.0		ug/L		97	56 - 120
Pentachlorophenol	64.0	52.1		ug/L		81	39 - 136
Phenol	32.0	17.2		ug/L		54	17 - 120
Pyrene	32.0	37.5		ug/L		117	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*106*		*52 - 132*
2-Fluorobiphenyl	*88*		*48 - 120*
2-Fluorophenol	*66*		*20 - 120*
Nitrobenzene-d5	*88*		*46 - 120*
p-Terphenyl-d14	*117*		*67 - 150*
Phenol-d5	*60*		*16 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-56775-1 MS
Matrix: Water
Analysis Batch: 172881

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 172654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		63.0	51.1		ug/L		81	40 - 120
2,4-Dinitrophenol	ND		126	97.1		ug/L		77	42 - 153
1,4-Dichlorobenzene	ND		63.0	49.7		ug/L		79	32 - 120
2-Chlorophenol	ND		63.0	54.5		ug/L		86	48 - 120
4-Chloro-3-methylphenol	ND		63.0	66.7		ug/L		106	64 - 120
4-Nitrophenol	ND		126	130		ug/L		103	16 - 120
Acenaphthene	ND		63.0	57.0		ug/L		91	60 - 120
Bis(2-ethylhexyl) phthalate	ND		63.0	59.0		ug/L		94	53 - 158
Fluorene	ND		63.0	58.6		ug/L		93	55 - 143
Hexachloroethane	ND		63.0	56.8		ug/L		90	14 - 101
N-Nitrosodi-n-propylamine	ND		63.0	64.4		ug/L		102	56 - 120
Pentachlorophenol	ND		126	105		ug/L		83	39 - 136
Phenol	ND		63.0	47.6		ug/L		75	17 - 120
Pyrene	ND		63.0	74.1		ug/L		118	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*108*		*52 - 132*
2-Fluorobiphenyl	*92*		*48 - 120*
2-Fluorophenol	*80*		*20 - 120*
Nitrobenzene-d5	*93*		*46 - 120*
p-Terphenyl-d14	*111*		*67 - 150*
Phenol-d5	*83*		*16 - 120*

Lab Sample ID: 480-56775-1 MSD
Matrix: Water
Analysis Batch: 172881

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 172654

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		63.0	48.2		ug/L		76	40 - 120	6	30
2,4-Dinitrophenol	ND		126	97.1		ug/L		77	42 - 153	0	22
1,4-Dichlorobenzene	ND		63.0	47.2		ug/L		75	32 - 120	5	36
2-Chlorophenol	ND		63.0	52.0		ug/L		83	48 - 120	5	25
4-Chloro-3-methylphenol	ND		63.0	66.3		ug/L		105	64 - 120	1	27
4-Nitrophenol	ND		126	116		ug/L		92	16 - 120	12	48
Acenaphthene	ND		63.0	55.1		ug/L		87	60 - 120	4	24
Bis(2-ethylhexyl) phthalate	ND		63.0	57.6		ug/L		91	53 - 158	2	15
Fluorene	ND		63.0	58.0		ug/L		92	55 - 143	1	15
Hexachloroethane	ND		63.0	53.3		ug/L		85	14 - 101	6	46
N-Nitrosodi-n-propylamine	ND		63.0	60.0		ug/L		95	56 - 120	7	31
Pentachlorophenol	ND		126	100		ug/L		79	39 - 136	5	37
Phenol	ND		63.0	44.8		ug/L		71	17 - 120	6	34
Pyrene	ND		63.0	71.6		ug/L		114	58 - 136	3	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 132*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol	*75*		*20 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-56775-1 MSD
Matrix: Water
Analysis Batch: 172881

Client Sample ID: MW1
Prep Type: Total/NA
Prep Batch: 172654

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5	88		46 - 120
p-Terphenyl-d14	108		67 - 150
Phenol-d5	76		16 - 120

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-172461/1-A
Matrix: Water
Analysis Batch: 172723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		03/28/14 07:16	03/30/14 12:27	1
PCB-1221	ND		0.50	0.18	ug/L		03/28/14 07:16	03/30/14 12:27	1
PCB-1232	ND		0.50	0.18	ug/L		03/28/14 07:16	03/30/14 12:27	1
PCB-1242	ND		0.50	0.18	ug/L		03/28/14 07:16	03/30/14 12:27	1
PCB-1248	ND		0.50	0.18	ug/L		03/28/14 07:16	03/30/14 12:27	1
PCB-1254	ND		0.50	0.25	ug/L		03/28/14 07:16	03/30/14 12:27	1
PCB-1260	ND		0.50	0.25	ug/L		03/28/14 07:16	03/30/14 12:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		19 - 126	03/28/14 07:16	03/30/14 12:27	1
Tetrachloro-m-xylene	107		23 - 127	03/28/14 07:16	03/30/14 12:27	1

Lab Sample ID: LCS 480-172461/2-A
Matrix: Water
Analysis Batch: 172723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.81		ug/L		95	51 - 137
PCB-1260	4.00	3.49		ug/L		87	45 - 139

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	57		19 - 126
Tetrachloro-m-xylene	116		23 - 127

Lab Sample ID: LCSD 480-172461/3-A
Matrix: Water
Analysis Batch: 172723

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172461

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	4.00	4.14		ug/L		103	51 - 137	8	50
PCB-1260	4.00	4.07		ug/L		102	45 - 139	15	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	59		19 - 126
Tetrachloro-m-xylene	116		23 - 127

GC/MS VOA

Analysis Batch: 173513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56775-1	MW1	Total/NA	Water	8260C	
480-56775-2	MW2	Total/NA	Water	8260C	
480-56775-3	MW3	Total/NA	Water	8260C	
480-56775-4	MW4	Total/NA	Water	8260C	
480-56775-6	MW6	Total/NA	Water	8260C	
480-56775-7	MW7	Total/NA	Water	8260C	
LCS 480-173513/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173513/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 173729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56775-5	MW5	Total/NA	Water	8260C	
LCS 480-173729/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173729/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 172654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56775-1	MW1	Total/NA	Water	3510C	
480-56775-1 MS	MW1	Total/NA	Water	3510C	
480-56775-1 MSD	MW1	Total/NA	Water	3510C	
480-56775-2	MW2	Total/NA	Water	3510C	
480-56775-3	MW3	Total/NA	Water	3510C	
480-56775-4	MW4	Total/NA	Water	3510C	
480-56775-5	MW5	Total/NA	Water	3510C	
480-56775-6	MW6	Total/NA	Water	3510C	
480-56775-7	MW7	Total/NA	Water	3510C	
LCS 480-172654/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-172654/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 172881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56775-1	MW1	Total/NA	Water	8270D	172654
480-56775-1 MS	MW1	Total/NA	Water	8270D	172654
480-56775-1 MSD	MW1	Total/NA	Water	8270D	172654
480-56775-2	MW2	Total/NA	Water	8270D	172654
480-56775-3	MW3	Total/NA	Water	8270D	172654
480-56775-4	MW4	Total/NA	Water	8270D	172654
480-56775-5	MW5	Total/NA	Water	8270D	172654
480-56775-6	MW6	Total/NA	Water	8270D	172654
480-56775-7	MW7	Total/NA	Water	8270D	172654
LCS 480-172654/2-A	Lab Control Sample	Total/NA	Water	8270D	172654
MB 480-172654/1-A	Method Blank	Total/NA	Water	8270D	172654

GC Semi VOA

Prep Batch: 172461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56775-1	MW1	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 172461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56775-2	MW2	Total/NA	Water	3510C	
480-56775-3	MW3	Total/NA	Water	3510C	
480-56775-4	MW4	Total/NA	Water	3510C	
480-56775-5	MW5	Total/NA	Water	3510C	
480-56775-6	MW6	Total/NA	Water	3510C	
480-56775-7	MW7	Total/NA	Water	3510C	
LCS 480-172461/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-172461/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-172461/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 172723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56775-1	MW1	Total/NA	Water	8082A	172461
480-56775-2	MW2	Total/NA	Water	8082A	172461
480-56775-3	MW3	Total/NA	Water	8082A	172461
480-56775-4	MW4	Total/NA	Water	8082A	172461
480-56775-5	MW5	Total/NA	Water	8082A	172461
480-56775-6	MW6	Total/NA	Water	8082A	172461
480-56775-7	MW7	Total/NA	Water	8082A	172461
LCS 480-172461/2-A	Lab Control Sample	Total/NA	Water	8082A	172461
LCSD 480-172461/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	172461
MB 480-172461/1-A	Method Blank	Total/NA	Water	8082A	172461

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW1

Lab Sample ID: 480-56775-1

Date Collected: 03/27/14 10:38
Matrix: Water
Date Received: 03/27/14 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173513	04/03/14 11:47	GTG	TAL BUF
Total/NA	Prep	3510C			172654	03/28/14 19:26	JRL	TAL BUF
Total/NA	Analysis	8270D		1	172881	03/31/14 16:02	RMM	TAL BUF
Total/NA	Prep	3510C			172461	03/28/14 07:16	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 14:02	JMM	TAL BUF

Client Sample ID: MW2

Lab Sample ID: 480-56775-2

Date Collected: 03/27/14 10:15
Matrix: Water
Date Received: 03/27/14 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173513	04/03/14 12:09	GTG	TAL BUF
Total/NA	Prep	3510C			172654	03/28/14 19:26	JRL	TAL BUF
Total/NA	Analysis	8270D		1	172881	03/31/14 16:26	RMM	TAL BUF
Total/NA	Prep	3510C			172461	03/28/14 07:16	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 14:18	JMM	TAL BUF

Client Sample ID: MW3

Lab Sample ID: 480-56775-3

Date Collected: 03/27/14 10:55
Matrix: Water
Date Received: 03/27/14 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173513	04/03/14 12:30	GTG	TAL BUF
Total/NA	Prep	3510C			172654	03/28/14 19:26	JRL	TAL BUF
Total/NA	Analysis	8270D		1	172881	03/31/14 16:50	RMM	TAL BUF
Total/NA	Prep	3510C			172461	03/28/14 07:16	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 14:34	JMM	TAL BUF

Client Sample ID: MW4

Lab Sample ID: 480-56775-4

Date Collected: 03/27/14 11:45
Matrix: Water
Date Received: 03/27/14 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173513	04/03/14 12:52	GTG	TAL BUF
Total/NA	Prep	3510C			172654	03/28/14 19:26	JRL	TAL BUF
Total/NA	Analysis	8270D		1	172881	03/31/14 17:14	RMM	TAL BUF
Total/NA	Prep	3510C			172461	03/28/14 07:16	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 14:50	JMM	TAL BUF

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Client Sample ID: MW5

Lab Sample ID: 480-56775-5

Date Collected: 03/27/14 12:20

Matrix: Water

Date Received: 03/27/14 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173729	04/04/14 00:06	RAL	TAL BUF
Total/NA	Prep	3510C			172654	03/28/14 19:26	JRL	TAL BUF
Total/NA	Analysis	8270D		1	172881	03/31/14 17:38	RMM	TAL BUF
Total/NA	Prep	3510C			172461	03/28/14 07:16	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 15:38	JMM	TAL BUF

Client Sample ID: MW6

Lab Sample ID: 480-56775-6

Date Collected: 03/27/14 13:20

Matrix: Water

Date Received: 03/27/14 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173513	04/03/14 13:36	GTG	TAL BUF
Total/NA	Prep	3510C			172654	03/28/14 19:26	JRL	TAL BUF
Total/NA	Analysis	8270D		1	172881	03/31/14 18:02	RMM	TAL BUF
Total/NA	Prep	3510C			172461	03/28/14 07:16	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 15:53	JMM	TAL BUF

Client Sample ID: MW7

Lab Sample ID: 480-56775-7

Date Collected: 03/27/14 09:40

Matrix: Water

Date Received: 03/27/14 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173513	04/03/14 13:58	GTG	TAL BUF
Total/NA	Prep	3510C			172654	03/28/14 19:26	JRL	TAL BUF
Total/NA	Analysis	8270D		1	172881	03/31/14 18:27	RMM	TAL BUF
Total/NA	Prep	3510C			172461	03/28/14 07:16	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 16:09	JMM	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	State Program	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14 *
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14 *
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14 *
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	03-31-14 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56775-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56775-1	MW1	Water	03/27/14 10:38	03/27/14 15:20
480-56775-2	MW2	Water	03/27/14 10:15	03/27/14 15:20
480-56775-3	MW3	Water	03/27/14 10:55	03/27/14 15:20
480-56775-4	MW4	Water	03/27/14 11:45	03/27/14 15:20
480-56775-5	MW5	Water	03/27/14 12:20	03/27/14 15:20
480-56775-6	MW6	Water	03/27/14 13:20	03/27/14 15:20
480-56775-7	MW7	Water	03/27/14 09:40	03/27/14 15:20

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
GES	Steven Leitten	3/27/14	262700

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page / of
495 Aero Dr, Suite 3	(800) 287-7857		Page 1 of 1

City	State	Zip Code	Site Contact	Lab Contact
Cheektowaga	NY	14225		Judy Stone

Project Name and Location (State)	Carrier/Waybill Number
Cherry Farm	

Contract/Purchase Order/Quote No.

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	8260 C	8270 D	8082 A
MW 1	3/27/14	1038		X			4			3			3	2	2
MW 2	3/27/14	1015		X			4			3			3	2	2
MW 3	3/27/14	1055		X			4			3			3	2	2
MW 4	3/27/14	1145		X			4			3			3	2	2
MW 5	3/27/14	1220		X			4			3			3	2	2
MW 6	3/27/14	~~1250~~ 1320		X			4			3			3	2	2
MW 7	3/27/14	0940		X			4			3			3	2	2

480-56775 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (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 STD

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature] / GES	3/27/14	15:20	[signature] TA BUFFALO	3/27/14	15:20
2. Relinquished By	Date	Time	2. Received By	Date	Time
			[signature]		
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

#2 3.8

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

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-56775-1

Login Number: 56775

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	Yes: Samples checked, no residual chlorine detected

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-56862-1
Client Project/Site: Cherry Farms Annual GW Sample

For:
Groundwater & Environmental Services Inc
495 Aero Drive
Suite 3
Cheektowaga, New York 14225

Attn: Steven Leitten

Joseph V. Giacomazza

Authorized for release by:
4/7/2014 11:57:23 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-56862-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-56862-1

Receipt
The samples were received on 3/28/2014 3:17 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.6º C and 4.2º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The laboratory control sample (LCS) for batch 173429 recovered outside control limits for the following analytes: multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082A: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Tetrachloro-m-xylene exceeded 20% on the ZB-5 column, indicating a high bias. (CCV 480-172723/27), (CCV 480-172723/39), (CCV 480-172723/45)

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 172700.

No other analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: S1 — Lab Sample ID: 480-56862-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.41	J B	5.0	0.31	ug/L	1		8270D	Total/NA
4,4'-DDE	0.027	J	0.046	0.011	ug/L	1		8081B	Total/NA
4,4'-DDT	0.017	J	0.046	0.010	ug/L	1		8081B	Total/NA
alpha-BHC	0.018	J	0.046	0.0060	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.026	J	0.046	0.0055	ug/L	1		8081B	Total/NA
gamma-Chlordane	0.015	J	0.046	0.010	ug/L	1		8081B	Total/NA
Heptachlor	0.028	J	0.046	0.0078	ug/L	1		8081B	Total/NA
Aluminum	0.087	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.038		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	27.7		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0033	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.46		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	7.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.20		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	7.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	18.0		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0044	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: S2 — Lab Sample ID: 480-56862-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.38	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	2.3	J B	4.8	0.30	ug/L	1		8270D	Total/NA
Dimethyl phthalate	2.1	J	4.8	0.35	ug/L	1		8270D	Total/NA
Phenanthrene	0.45	J	4.8	0.42	ug/L	1		8270D	Total/NA
gamma-Chlordane	0.016	J	0.049	0.011	ug/L	1		8081B	Total/NA
Heptachlor	0.039	J	0.049	0.0083	ug/L	1		8081B	Total/NA
Aluminum	0.068	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.027		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	49.2		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.11		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	0.98		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0075		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0018	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	37.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	46.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0061		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0016	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.035		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: S3 — Lab Sample ID: 480-56862-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.50	J	1.0	0.38	ug/L	1		8260C	Total/NA
Acetone	3.3	J	10	3.0	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	22		4.8	0.48	ug/L	1		8270D	Total/NA
2-Methylphenol	7.1		4.8	0.38	ug/L	1		8270D	Total/NA
4-Methylphenol	16		9.5	0.34	ug/L	1		8270D	Total/NA
Acenaphthene	0.44	J	4.8	0.39	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.56	J B	4.8	0.30	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: S3 (Continued)

Lab Sample ID: 480-56862-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	2.8	J	4.8	0.73	ug/L	1		8270D	Total/NA
Phenanthrene	0.55	J	4.8	0.42	ug/L	1		8270D	Total/NA
gamma-BHC (Lindane)	0.012	J	0.050	0.0060	ug/L	1		8081B	Total/NA
Heptachlor	0.018	J	0.050	0.0085	ug/L	1		8081B	Total/NA
PCB-1016	0.25	J	0.50	0.18	ug/L	1		8082A	Total/NA
Aluminum	0.20		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.033		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	54.6		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.041	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	1.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0032		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	36.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	41.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0074		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0021	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: S4

Lab Sample ID: 480-56862-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4		1.0	0.38	ug/L	1		8260C	Total/NA
1,2-Dichloroethene, Total	1.7	J	2.0	0.81	ug/L	1		8260C	Total/NA
Benzene	0.86	J	1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	1.4		1.0	0.74	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.0		1.0	0.36	ug/L	1		8260C	Total/NA
Toluene	1.5		1.0	0.51	ug/L	1		8260C	Total/NA
Trichloroethene	0.81	J	1.0	0.46	ug/L	1		8260C	Total/NA
Xylenes, Total	8.9		2.0	0.66	ug/L	1		8260C	Total/NA
1,2,4-Trichlorobenzene	0.90	J	9.5	0.42	ug/L	1		8270D	Total/NA
2,4-Dimethylphenol	41		4.8	0.48	ug/L	1		8270D	Total/NA
1,3-Dichlorobenzene	0.79	J	9.5	0.46	ug/L	1		8270D	Total/NA
1,4-Dichlorobenzene	0.93	J	9.5	0.44	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	4.3	J *	4.8	0.57	ug/L	1		8270D	Total/NA
2-Methylphenol	11		4.8	0.38	ug/L	1		8270D	Total/NA
4-Methylphenol	18		9.5	0.34	ug/L	1		8270D	Total/NA
Acenaphthene	1.3	J	4.8	0.39	ug/L	1		8270D	Total/NA
Acenaphthylene	0.81	J	4.8	0.36	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	0.40	J B	4.8	0.40	ug/L	1		8270D	Total/NA
Carbazole	1.4	J	4.8	0.29	ug/L	1		8270D	Total/NA
Fluorene	1.1	J	4.8	0.34	ug/L	1		8270D	Total/NA
Naphthalene	18		4.8	0.72	ug/L	1		8270D	Total/NA
Phenanthrene	0.94	J	4.8	0.42	ug/L	1		8270D	Total/NA
Aldrin	0.019	J	0.047	0.0063	ug/L	1		8081B	Total/NA
delta-BHC	0.070		0.047	0.0095	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.019	J	0.047	0.0057	ug/L	1		8081B	Total/NA
Heptachlor	0.018	J	0.047	0.0080	ug/L	1		8081B	Total/NA
PCB-1016	1.9		0.49	0.17	ug/L	1		8082A	Total/NA
Aluminum	0.40		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.031		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	98.1		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: S4 (Continued) — Lab Sample ID: 480-56862-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.022	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	0.41		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0022	J	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0018	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	66.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	59.0		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0056		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0018	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0070	J	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: DUP — Lab Sample ID: 480-56862-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.38	ug/L	1		8260C	Total/NA
Carbon disulfide	0.20	J	1.0	0.19	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.41	J	1.0	0.36	ug/L	1		8260C	Total/NA
Toluene	0.56	J	1.0	0.51	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	25		5.1	0.51	ug/L	1		8270D	Total/NA
2,6-Dinitrotoluene	0.98	J	5.1	0.41	ug/L	1		8270D	Total/NA
2-Methylphenol	8.8		5.1	0.41	ug/L	1		8270D	Total/NA
4-Methylphenol	19		10	0.37	ug/L	1		8270D	Total/NA
Acenaphthene	0.57	J	5.1	0.42	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.46	J B	5.1	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.44	J	5.1	0.37	ug/L	1		8270D	Total/NA
Naphthalene	3.3	J	5.1	0.77	ug/L	1		8270D	Total/NA
Phenanthrene	0.79	J	5.1	0.45	ug/L	1		8270D	Total/NA
delta-BHC	0.014	J	0.050	0.010	ug/L	1		8081B	Total/NA
Aluminum	0.13	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.025		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	33.4		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0022	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.075		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	2.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0082		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	22.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	22.4		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0038	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0039	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.023		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: RW4 — Lab Sample ID: 480-56862-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	3.9		1.0	0.74	ug/L	1		8260C	Total/NA
Xylenes, Total	5.7		2.0	0.66	ug/L	1		8260C	Total/NA
Acenaphthene	0.66	J	4.9	0.40	ug/L	1		8270D	Total/NA
Acenaphthylene	0.61	J	4.9	0.37	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.48	J B	4.9	0.30	ug/L	1		8270D	Total/NA
Naphthalene	0.88	J	4.9	0.74	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: RW5

Lab Sample ID: 480-56862-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Butyl benzyl phthalate	0.52	J B	4.9	0.41	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.26	J	4.9	0.22	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: S1
Date Collected: 03/28/14 09:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 03:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 03:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 03:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 03:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 03:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 03:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 03:21	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 03:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 03:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 03:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 03:21	1
Acetone	ND		10	3.0	ug/L			04/04/14 03:21	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 03:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 03:21	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 03:21	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 03:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 03:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 03:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 03:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 03:21	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 03:21	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 03:21	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 03:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 03:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 03:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 03:21	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 03:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 03:21	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 03:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 03:21	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 03:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 03:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*04/04/14 03:21*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*04/04/14 03:21*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/04/14 03:21*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*04/04/14 03:21*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/01/14 07:37	04/02/14 22:28	1
1,2,4-Trichlorobenzene	ND		9.9	0.44	ug/L		04/01/14 07:37	04/02/14 22:28	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 22:28	1
1,2-Dichlorobenzene	ND		9.9	0.40	ug/L		04/01/14 07:37	04/02/14 22:28	1
2,4,6-Trichlorophenol	ND		5.0	0.60	ug/L		04/01/14 07:37	04/02/14 22:28	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 22:28	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/01/14 07:37	04/02/14 22:28	1
1,3-Dichlorobenzene	ND		9.9	0.48	ug/L		04/01/14 07:37	04/02/14 22:28	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: S1
Date Collected: 03/28/14 09:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		04/01/14 07:37	04/02/14 22:28	1
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L		04/01/14 07:37	04/02/14 22:28	1
1,4-Dichlorobenzene	ND		9.9	0.46	ug/L		04/01/14 07:37	04/02/14 22:28	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 22:28	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/01/14 07:37	04/02/14 22:28	1
2-Chlorophenol	ND		5.0	0.53	ug/L		04/01/14 07:37	04/02/14 22:28	1
2-Methylnaphthalene	ND	*	5.0	0.60	ug/L		04/01/14 07:37	04/02/14 22:28	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 22:28	1
2-Nitroaniline	ND		9.9	0.42	ug/L		04/01/14 07:37	04/02/14 22:28	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 22:28	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 22:28	1
3-Nitroaniline	ND		9.9	0.48	ug/L		04/01/14 07:37	04/02/14 22:28	1
4,6-Dinitro-2-methylphenol	ND		9.9	2.2	ug/L		04/01/14 07:37	04/02/14 22:28	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 22:28	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 22:28	1
4-Chloroaniline	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 22:28	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 22:28	1
4-Methylphenol	ND		9.9	0.36	ug/L		04/01/14 07:37	04/02/14 22:28	1
4-Nitroaniline	ND		9.9	0.25	ug/L		04/01/14 07:37	04/02/14 22:28	1
4-Nitrophenol	ND		9.9	1.5	ug/L		04/01/14 07:37	04/02/14 22:28	1
Acenaphthene	ND		5.0	0.41	ug/L		04/01/14 07:37	04/02/14 22:28	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/01/14 07:37	04/02/14 22:28	1
Anthracene	ND		5.0	0.28	ug/L		04/01/14 07:37	04/02/14 22:28	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 22:28	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 22:28	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 22:28	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 22:28	1
Benzo[k]fluoranthene	ND		5.0	0.72	ug/L		04/01/14 07:37	04/02/14 22:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 22:28	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 22:28	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/01/14 07:37	04/02/14 22:28	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		04/01/14 07:37	04/02/14 22:28	1
Carbazole	ND		5.0	0.30	ug/L		04/01/14 07:37	04/02/14 22:28	1
Chrysene	ND		5.0	0.33	ug/L		04/01/14 07:37	04/02/14 22:28	1
Di-n-butyl phthalate	**0.41**	**J B**	5.0	0.31	ug/L		04/01/14 07:37	04/02/14 22:28	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 22:28	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/01/14 07:37	04/02/14 22:28	1
Dibenzofuran	ND		9.9	0.51	ug/L		04/01/14 07:37	04/02/14 22:28	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/01/14 07:37	04/02/14 22:28	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 22:28	1
Fluoranthene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 22:28	1
Fluorene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 22:28	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		04/01/14 07:37	04/02/14 22:28	1
Hexachlorobutadiene	ND		5.0	0.67	ug/L		04/01/14 07:37	04/02/14 22:28	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 22:28	1
Hexachloroethane	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 22:28	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 22:28	1
Isophorone	ND		5.0	0.43	ug/L		04/01/14 07:37	04/02/14 22:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		04/01/14 07:37	04/02/14 22:28	1

Client Sample ID: S1
Date Collected: 03/28/14 09:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 22:28	1
Naphthalene	ND		5.0	0.75	ug/L		04/01/14 07:37	04/02/14 22:28	1
Nitrobenzene	ND	*	5.0	0.29	ug/L		04/01/14 07:37	04/02/14 22:28	1
Pentachlorophenol	ND		9.9	2.2	ug/L		04/01/14 07:37	04/02/14 22:28	1
Phenanthrene	ND		5.0	0.44	ug/L		04/01/14 07:37	04/02/14 22:28	1
Phenol	ND		5.0	0.39	ug/L		04/01/14 07:37	04/02/14 22:28	1
Pyrene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 132*	*04/01/14 07:37*	*04/02/14 22:28*	*1*
2-Fluorobiphenyl	*77*		*48 - 120*	*04/01/14 07:37*	*04/02/14 22:28*	*1*
2-Fluorophenol	*50*		*20 - 120*	*04/01/14 07:37*	*04/02/14 22:28*	*1*
Nitrobenzene-d5	*82*		*46 - 120*	*04/01/14 07:37*	*04/02/14 22:28*	*1*
p-Terphenyl-d14	*90*		*67 - 150*	*04/01/14 07:37*	*04/02/14 22:28*	*1*
Phenol-d5	*34*		*16 - 120*	*04/01/14 07:37*	*04/02/14 22:28*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.046	0.0084	ug/L		03/29/14 07:57	03/30/14 12:08	1
4,4'-DDE	**0.027**	**J**	0.046	0.011	ug/L		03/29/14 07:57	03/30/14 12:08	1
4,4'-DDT	**0.017**	**J**	0.046	0.010	ug/L		03/29/14 07:57	03/30/14 12:08	1
Aldrin	ND		0.046	0.0060	ug/L		03/29/14 07:57	03/30/14 12:08	1
alpha-BHC	**0.018**	**J**	0.046	0.0060	ug/L		03/29/14 07:57	03/30/14 12:08	1
alpha-Chlordane	ND		0.046	0.014	ug/L		03/29/14 07:57	03/30/14 12:08	1
beta-BHC	ND		0.046	0.023	ug/L		03/29/14 07:57	03/30/14 12:08	1
delta-BHC	ND		0.046	0.0092	ug/L		03/29/14 07:57	03/30/14 12:08	1
Dieldrin	ND		0.046	0.0090	ug/L		03/29/14 07:57	03/30/14 12:08	1
Endosulfan I	ND		0.046	0.010	ug/L		03/29/14 07:57	03/30/14 12:08	1
Endosulfan II	ND		0.046	0.011	ug/L		03/29/14 07:57	03/30/14 12:08	1
Endosulfan sulfate	ND		0.046	0.014	ug/L		03/29/14 07:57	03/30/14 12:08	1
Endrin	ND		0.046	0.013	ug/L		03/29/14 07:57	03/30/14 12:08	1
Endrin aldehyde	ND		0.046	0.015	ug/L		03/29/14 07:57	03/30/14 12:08	1
Endrin ketone	ND		0.046	0.011	ug/L		03/29/14 07:57	03/30/14 12:08	1
gamma-BHC (Lindane)	**0.026**	**J**	0.046	0.0055	ug/L		03/29/14 07:57	03/30/14 12:08	1
gamma-Chlordane	**0.015**	**J**	0.046	0.010	ug/L		03/29/14 07:57	03/30/14 12:08	1
Heptachlor	**0.028**	**J**	0.046	0.0078	ug/L		03/29/14 07:57	03/30/14 12:08	1
Heptachlor epoxide	ND		0.046	0.0049	ug/L		03/29/14 07:57	03/30/14 12:08	1
Methoxychlor	ND		0.046	0.013	ug/L		03/29/14 07:57	03/30/14 12:08	1
Toxaphene	ND		0.46	0.11	ug/L		03/29/14 07:57	03/30/14 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*20 - 120*	*03/29/14 07:57*	*03/30/14 12:08*	*1*
Tetrachloro-m-xylene	*93*		*36 - 120*	*03/29/14 07:57*	*03/30/14 12:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:20	1
PCB-1221	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:20	1
PCB-1232	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:20	1
PCB-1242	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:20	1

Client Sample ID: S1

Lab Sample ID: 480-56862-1

Date Collected: 03/28/14 09:20

Matrix: Water

Date Received: 03/28/14 15:17

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:20	1
PCB-1254	ND		0.50	0.25	ug/L		03/29/14 08:08	03/30/14 19:20	1
PCB-1260	ND		0.50	0.25	ug/L		03/29/14 08:08	03/30/14 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*		*19 - 126*	*03/29/14 08:08*	*03/30/14 19:20*	*1*
Tetrachloro-m-xylene	*106*		*23 - 127*	*03/29/14 08:08*	*03/30/14 19:20*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.087**	**J**	0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:00	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:00	1
Arsenic	ND		0.010	0.0056	mg/L		03/31/14 09:45	04/01/14 23:00	1
Barium	**0.038**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:00	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:00	1
Cadmium	ND		0.0010	0.00050	mg/L		03/31/14 09:45	04/01/14 23:00	1
Calcium	**27.7**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:00	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:00	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:00	1
Copper	**0.0033**	**J**	0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:00	1
Iron	**0.46**		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:00	1
Lead	ND		0.0050	0.0030	mg/L		03/31/14 09:45	04/01/14 23:00	1
Magnesium	**7.8**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:00	1
Manganese	**0.20**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:00	1
Nickel	ND		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:00	1
Potassium	**7.2**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:00	1
Selenium	ND		0.015	0.0087	mg/L		03/31/14 09:45	04/01/14 23:00	1
Silver	ND		0.0030	0.0017	mg/L		03/31/14 09:45	04/01/14 23:00	1
Sodium	**18.0**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:00	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:00	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:00	1
Zinc	**0.0044**	**J**	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:00	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		04/04/14 16:00	04/05/14 13:08	1

Client Sample ID: S2

Lab Sample ID: 480-56862-2

Date Collected: 03/28/14 09:35

Matrix: Water

Date Received: 03/28/14 15:17

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 03:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 03:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 03:44	1
1,1-Dichloroethane	**1.1**		1.0	0.38	ug/L			04/04/14 03:44	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: S2
Date Collected: 03/28/14 09:35
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 03:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 03:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 03:44	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 03:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 03:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 03:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 03:44	1
Acetone	ND		10	3.0	ug/L			04/04/14 03:44	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 03:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 03:44	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 03:44	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 03:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 03:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 03:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 03:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 03:44	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 03:44	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 03:44	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 03:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 03:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 03:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 03:44	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 03:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 03:44	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 03:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 03:44	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 03:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 03:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*04/04/14 03:44*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*04/04/14 03:44*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/04/14 03:44*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*04/04/14 03:44*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/01/14 07:37	04/02/14 22:52	1
1,2,4-Trichlorobenzene	ND		9.6	0.42	ug/L		04/01/14 07:37	04/02/14 22:52	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 22:52	1
1,2-Dichlorobenzene	ND		9.6	0.38	ug/L		04/01/14 07:37	04/02/14 22:52	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		04/01/14 07:37	04/02/14 22:52	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 22:52	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		04/01/14 07:37	04/02/14 22:52	1
1,3-Dichlorobenzene	ND		9.6	0.46	ug/L		04/01/14 07:37	04/02/14 22:52	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		04/01/14 07:37	04/02/14 22:52	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 22:52	1
1,4-Dichlorobenzene	ND		9.6	0.44	ug/L		04/01/14 07:37	04/02/14 22:52	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 22:52	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: S2
Date Collected: 03/28/14 09:35
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/01/14 07:37	04/02/14 22:52	1
2-Chlorophenol	ND		4.8	0.51	ug/L		04/01/14 07:37	04/02/14 22:52	1
2-Methylnaphthalene	ND	*	4.8	0.58	ug/L		04/01/14 07:37	04/02/14 22:52	1
2-Methylphenol	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 22:52	1
2-Nitroaniline	ND		9.6	0.40	ug/L		04/01/14 07:37	04/02/14 22:52	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 22:52	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 22:52	1
3-Nitroaniline	ND		9.6	0.46	ug/L		04/01/14 07:37	04/02/14 22:52	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		04/01/14 07:37	04/02/14 22:52	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 22:52	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 22:52	1
4-Chloroaniline	ND		4.8	0.57	ug/L		04/01/14 07:37	04/02/14 22:52	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 22:52	1
4-Methylphenol	ND		9.6	0.35	ug/L		04/01/14 07:37	04/02/14 22:52	1
4-Nitroaniline	ND		9.6	0.24	ug/L		04/01/14 07:37	04/02/14 22:52	1
4-Nitrophenol	ND		9.6	1.5	ug/L		04/01/14 07:37	04/02/14 22:52	1
Acenaphthene	ND		4.8	0.39	ug/L		04/01/14 07:37	04/02/14 22:52	1
Acenaphthylene	ND		4.8	0.36	ug/L		04/01/14 07:37	04/02/14 22:52	1
Anthracene	ND		4.8	0.27	ug/L		04/01/14 07:37	04/02/14 22:52	1
Benzo[a]anthracene	ND		4.8	0.35	ug/L		04/01/14 07:37	04/02/14 22:52	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 22:52	1
Benzo[b]fluoranthene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 22:52	1
Benzo[g,h,i]perylene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 22:52	1
Benzo[k]fluoranthene	ND		4.8	0.70	ug/L		04/01/14 07:37	04/02/14 22:52	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 22:52	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 22:52	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/01/14 07:37	04/02/14 22:52	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		04/01/14 07:37	04/02/14 22:52	1
Carbazole	ND		4.8	0.29	ug/L		04/01/14 07:37	04/02/14 22:52	1
Chrysene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 22:52	1
Di-n-butyl phthalate	**2.3**	**J B**	4.8	0.30	ug/L		04/01/14 07:37	04/02/14 22:52	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 22:52	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/01/14 07:37	04/02/14 22:52	1
Dibenzofuran	ND		9.6	0.49	ug/L		04/01/14 07:37	04/02/14 22:52	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/01/14 07:37	04/02/14 22:52	1
Dimethyl phthalate	**2.1**	**J**	4.8	0.35	ug/L		04/01/14 07:37	04/02/14 22:52	1
Fluoranthene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 22:52	1
Fluorene	ND		4.8	0.35	ug/L		04/01/14 07:37	04/02/14 22:52	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/01/14 07:37	04/02/14 22:52	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/01/14 07:37	04/02/14 22:52	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		04/01/14 07:37	04/02/14 22:52	1
Hexachloroethane	ND		4.8	0.57	ug/L		04/01/14 07:37	04/02/14 22:52	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 22:52	1
Isophorone	ND		4.8	0.41	ug/L		04/01/14 07:37	04/02/14 22:52	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		04/01/14 07:37	04/02/14 22:52	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 22:52	1
Naphthalene	ND		4.8	0.73	ug/L		04/01/14 07:37	04/02/14 22:52	1
Nitrobenzene	ND	*	4.8	0.28	ug/L		04/01/14 07:37	04/02/14 22:52	1
Pentachlorophenol	ND		9.6	2.1	ug/L		04/01/14 07:37	04/02/14 22:52	1

Client Sample ID: S2
Date Collected: 03/28/14 09:35
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.45**	**J**	4.8	0.42	ug/L		04/01/14 07:37	04/02/14 22:52	1
Phenol	ND		4.8	0.37	ug/L		04/01/14 07:37	04/02/14 22:52	1
Pyrene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*52 - 132*	*04/01/14 07:37*	*04/02/14 22:52*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*04/01/14 07:37*	*04/02/14 22:52*	*1*
2-Fluorophenol	*59*		*20 - 120*	*04/01/14 07:37*	*04/02/14 22:52*	*1*
Nitrobenzene-d5	*90*		*46 - 120*	*04/01/14 07:37*	*04/02/14 22:52*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*04/01/14 07:37*	*04/02/14 22:52*	*1*
Phenol-d5	*41*		*16 - 120*	*04/01/14 07:37*	*04/02/14 22:52*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.049	0.0090	ug/L		03/29/14 07:57	03/30/14 12:26	1
4,4'-DDE	ND		0.049	0.011	ug/L		03/29/14 07:57	03/30/14 12:26	1
4,4'-DDT	ND		0.049	0.011	ug/L		03/29/14 07:57	03/30/14 12:26	1
Aldrin	ND		0.049	0.0064	ug/L		03/29/14 07:57	03/30/14 12:26	1
alpha-BHC	ND		0.049	0.0064	ug/L		03/29/14 07:57	03/30/14 12:26	1
alpha-Chlordane	ND		0.049	0.014	ug/L		03/29/14 07:57	03/30/14 12:26	1
beta-BHC	ND		0.049	0.024	ug/L		03/29/14 07:57	03/30/14 12:26	1
delta-BHC	ND		0.049	0.0097	ug/L		03/29/14 07:57	03/30/14 12:26	1
Dieldrin	ND		0.049	0.0095	ug/L		03/29/14 07:57	03/30/14 12:26	1
Endosulfan I	ND		0.049	0.011	ug/L		03/29/14 07:57	03/30/14 12:26	1
Endosulfan II	ND		0.049	0.012	ug/L		03/29/14 07:57	03/30/14 12:26	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		03/29/14 07:57	03/30/14 12:26	1
Endrin	ND		0.049	0.013	ug/L		03/29/14 07:57	03/30/14 12:26	1
Endrin aldehyde	ND		0.049	0.016	ug/L		03/29/14 07:57	03/30/14 12:26	1
Endrin ketone	ND		0.049	0.012	ug/L		03/29/14 07:57	03/30/14 12:26	1
gamma-BHC (Lindane)	ND		0.049	0.0058	ug/L		03/29/14 07:57	03/30/14 12:26	1
gamma-Chlordane	**0.016**	**J**	0.049	0.011	ug/L		03/29/14 07:57	03/30/14 12:26	1
Heptachlor	**0.039**	**J**	0.049	0.0083	ug/L		03/29/14 07:57	03/30/14 12:26	1
Heptachlor epoxide	ND		0.049	0.0052	ug/L		03/29/14 07:57	03/30/14 12:26	1
Methoxychlor	ND		0.049	0.014	ug/L		03/29/14 07:57	03/30/14 12:26	1
Toxaphene	ND		0.49	0.12	ug/L		03/29/14 07:57	03/30/14 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*20 - 120*	*03/29/14 07:57*	*03/30/14 12:26*	*1*
Tetrachloro-m-xylene	*70*		*36 - 120*	*03/29/14 07:57*	*03/30/14 12:26*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		03/29/14 08:08	03/30/14 19:36	1
PCB-1221	ND		0.47	0.17	ug/L		03/29/14 08:08	03/30/14 19:36	1
PCB-1232	ND		0.47	0.17	ug/L		03/29/14 08:08	03/30/14 19:36	1
PCB-1242	ND		0.47	0.17	ug/L		03/29/14 08:08	03/30/14 19:36	1
PCB-1248	ND		0.47	0.17	ug/L		03/29/14 08:08	03/30/14 19:36	1
PCB-1254	ND		0.47	0.24	ug/L		03/29/14 08:08	03/30/14 19:36	1
PCB-1260	ND		0.47	0.24	ug/L		03/29/14 08:08	03/30/14 19:36	1

Client Sample ID: S2

Date Collected: 03/28/14 09:35
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*19 - 126*	*03/29/14 08:08*	*03/30/14 19:36*	*1*
Tetrachloro-m-xylene	*104*		*23 - 127*	*03/29/14 08:08*	*03/30/14 19:36*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.068**	**J**	0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:03	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:03	1
Arsenic	ND		0.010	0.0056	mg/L		03/31/14 09:45	04/01/14 23:03	1
Barium	**0.027**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:03	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:03	1
Cadmium	ND		0.0010	0.00050	mg/L		03/31/14 09:45	04/01/14 23:03	1
Calcium	**49.2**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:03	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:03	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:03	1
Copper	ND		0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:03	1
Iron	**0.11**		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:03	1
Lead	ND		0.0050	0.0030	mg/L		03/31/14 09:45	04/01/14 23:03	1
Magnesium	**0.98**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:03	1
Manganese	**0.0075**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:03	1
Nickel	**0.0018**	**J**	0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:03	1
Potassium	**37.5**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:03	1
Selenium	ND		0.015	0.0087	mg/L		03/31/14 09:45	04/01/14 23:03	1
Silver	ND		0.0030	0.0017	mg/L		03/31/14 09:45	04/01/14 23:03	1
Sodium	**46.8**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:03	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:03	1
Vanadium	**0.0061**		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:03	1
Zinc	**0.0016**	**J**	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:03	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.035**		0.010	0.0050	mg/L		04/04/14 16:00	04/05/14 13:09	1

Client Sample ID: S3

Date Collected: 03/28/14 10:00
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 04:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 04:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 04:08	1
1,1-Dichloroethane	**0.50**	**J**	1.0	0.38	ug/L			04/04/14 04:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 04:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 04:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 04:08	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 04:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 04:08	1

Client Sample ID: S3
Date Collected: 03/28/14 10:00
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 04:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 04:08	1
Acetone	**3.3**	**J**	10	3.0	ug/L			04/04/14 04:08	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 04:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 04:08	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 04:08	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 04:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 04:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 04:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 04:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 04:08	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 04:08	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 04:08	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 04:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 04:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 04:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 04:08	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 04:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 04:08	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 04:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 04:08	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 04:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 04:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*04/04/14 04:08*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*04/04/14 04:08*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/04/14 04:08*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*04/04/14 04:08*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/01/14 07:37	04/02/14 23:16	1
1,2,4-Trichlorobenzene	ND		9.5	0.42	ug/L		04/01/14 07:37	04/02/14 23:16	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 23:16	1
1,2-Dichlorobenzene	ND		9.5	0.38	ug/L		04/01/14 07:37	04/02/14 23:16	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		04/01/14 07:37	04/02/14 23:16	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 23:16	1
2,4-Dimethylphenol	**22**		4.8	0.48	ug/L		04/01/14 07:37	04/02/14 23:16	1
1,3-Dichlorobenzene	ND		9.5	0.46	ug/L		04/01/14 07:37	04/02/14 23:16	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 23:16	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 23:16	1
1,4-Dichlorobenzene	ND		9.5	0.44	ug/L		04/01/14 07:37	04/02/14 23:16	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:16	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/01/14 07:37	04/02/14 23:16	1
2-Chlorophenol	ND		4.8	0.51	ug/L		04/01/14 07:37	04/02/14 23:16	1
2-Methylnaphthalene	ND	*	4.8	0.57	ug/L		04/01/14 07:37	04/02/14 23:16	1
2-Methylphenol	**7.1**		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:16	1
2-Nitroaniline	ND		9.5	0.40	ug/L		04/01/14 07:37	04/02/14 23:16	1

Client Sample ID: S3
Date Collected: 03/28/14 10:00
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 23:16	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:16	1
3-Nitroaniline	ND		9.5	0.46	ug/L		04/01/14 07:37	04/02/14 23:16	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 23:16	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 23:16	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 23:16	1
4-Chloroaniline	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 23:16	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 23:16	1
4-Methylphenol	**16**		9.5	0.34	ug/L		04/01/14 07:37	04/02/14 23:16	1
4-Nitroaniline	ND		9.5	0.24	ug/L		04/01/14 07:37	04/02/14 23:16	1
4-Nitrophenol	ND		9.5	1.5	ug/L		04/01/14 07:37	04/02/14 23:16	1
Acenaphthene	**0.44**	**J**	4.8	0.39	ug/L		04/01/14 07:37	04/02/14 23:16	1
Acenaphthylene	ND		4.8	0.36	ug/L		04/01/14 07:37	04/02/14 23:16	1
Anthracene	ND		4.8	0.27	ug/L		04/01/14 07:37	04/02/14 23:16	1
Benzo[a]anthracene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 23:16	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 23:16	1
Benzo[b]fluoranthene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 23:16	1
Benzo[g,h,i]perylene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 23:16	1
Benzo[k]fluoranthene	ND		4.8	0.70	ug/L		04/01/14 07:37	04/02/14 23:16	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 23:16	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:16	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/01/14 07:37	04/02/14 23:16	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		04/01/14 07:37	04/02/14 23:16	1
Carbazole	ND		4.8	0.29	ug/L		04/01/14 07:37	04/02/14 23:16	1
Chrysene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 23:16	1
Di-n-butyl phthalate	**0.56**	**J B**	4.8	0.30	ug/L		04/01/14 07:37	04/02/14 23:16	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 23:16	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/01/14 07:37	04/02/14 23:16	1
Dibenzofuran	ND		9.5	0.49	ug/L		04/01/14 07:37	04/02/14 23:16	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/01/14 07:37	04/02/14 23:16	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 23:16	1
Fluoranthene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:16	1
Fluorene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 23:16	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/01/14 07:37	04/02/14 23:16	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/01/14 07:37	04/02/14 23:16	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 23:16	1
Hexachloroethane	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 23:16	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 23:16	1
Isophorone	ND		4.8	0.41	ug/L		04/01/14 07:37	04/02/14 23:16	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		04/01/14 07:37	04/02/14 23:16	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 23:16	1
Naphthalene	**2.8**	**J**	4.8	0.73	ug/L		04/01/14 07:37	04/02/14 23:16	1
Nitrobenzene	ND	*	4.8	0.28	ug/L		04/01/14 07:37	04/02/14 23:16	1
Pentachlorophenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 23:16	1
Phenanthrene	**0.55**	**J**	4.8	0.42	ug/L		04/01/14 07:37	04/02/14 23:16	1
Phenol	ND		4.8	0.37	ug/L		04/01/14 07:37	04/02/14 23:16	1
Pyrene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 132*	*04/01/14 07:37*	*04/02/14 23:16*	*1*

Client Sample ID: S3
Date Collected: 03/28/14 10:00
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*78*		*48 - 120*	*04/01/14 07:37*	*04/02/14 23:16*	*1*
2-Fluorophenol	*50*		*20 - 120*	*04/01/14 07:37*	*04/02/14 23:16*	*1*
Nitrobenzene-d5	*75*		*46 - 120*	*04/01/14 07:37*	*04/02/14 23:16*	*1*
p-Terphenyl-d14	*87*		*67 - 150*	*04/01/14 07:37*	*04/02/14 23:16*	*1*
Phenol-d5	*35*		*16 - 120*	*04/01/14 07:37*	*04/02/14 23:16*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		03/29/14 07:57	03/30/14 12:43	1
4,4'-DDE	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 12:43	1
4,4'-DDT	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 12:43	1
Aldrin	ND		0.050	0.0066	ug/L		03/29/14 07:57	03/30/14 12:43	1
alpha-BHC	ND		0.050	0.0066	ug/L		03/29/14 07:57	03/30/14 12:43	1
alpha-Chlordane	ND		0.050	0.015	ug/L		03/29/14 07:57	03/30/14 12:43	1
beta-BHC	ND		0.050	0.025	ug/L		03/29/14 07:57	03/30/14 12:43	1
delta-BHC	ND		0.050	0.010	ug/L		03/29/14 07:57	03/30/14 12:43	1
Dieldrin	ND		0.050	0.0098	ug/L		03/29/14 07:57	03/30/14 12:43	1
Endosulfan I	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 12:43	1
Endosulfan II	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 12:43	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		03/29/14 07:57	03/30/14 12:43	1
Endrin	ND		0.050	0.014	ug/L		03/29/14 07:57	03/30/14 12:43	1
Endrin aldehyde	ND		0.050	0.016	ug/L		03/29/14 07:57	03/30/14 12:43	1
Endrin ketone	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 12:43	1
gamma-BHC (Lindane)	**0.012**	**J**	0.050	0.0060	ug/L		03/29/14 07:57	03/30/14 12:43	1
gamma-Chlordane	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 12:43	1
Heptachlor	**0.018**	**J**	0.050	0.0085	ug/L		03/29/14 07:57	03/30/14 12:43	1
Heptachlor epoxide	ND		0.050	0.0053	ug/L		03/29/14 07:57	03/30/14 12:43	1
Methoxychlor	ND		0.050	0.014	ug/L		03/29/14 07:57	03/30/14 12:43	1
Toxaphene	ND		0.50	0.12	ug/L		03/29/14 07:57	03/30/14 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*84*		*20 - 120*	*03/29/14 07:57*	*03/30/14 12:43*	*1*
Tetrachloro-m-xylene	*71*		*36 - 120*	*03/29/14 07:57*	*03/30/14 12:43*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	**0.25**	**J**	0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:52	1
PCB-1221	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:52	1
PCB-1232	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:52	1
PCB-1242	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:52	1
PCB-1248	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 19:52	1
PCB-1254	ND		0.50	0.25	ug/L		03/29/14 08:08	03/30/14 19:52	1
PCB-1260	ND		0.50	0.25	ug/L		03/29/14 08:08	03/30/14 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*53*		*19 - 126*	*03/29/14 08:08*	*03/30/14 19:52*	*1*
Tetrachloro-m-xylene	*105*		*23 - 127*	*03/29/14 08:08*	*03/30/14 19:52*	*1*

Client Sample ID: S3

Lab Sample ID: 480-56862-3

Date Collected: 03/28/14 10:00

Matrix: Water

Date Received: 03/28/14 15:17

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.20**		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:05	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:05	1
Arsenic	ND		0.010	0.0056	mg/L		03/31/14 09:45	04/01/14 23:05	1
Barium	**0.033**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:05	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:05	1
Cadmium	ND		0.0010	0.00050	mg/L		03/31/14 09:45	04/01/14 23:05	1
Calcium	**54.6**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:05	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:05	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:05	1
Copper	ND		0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:05	1
Iron	**0.041**	**J**	0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:05	1
Lead	ND		0.0050	0.0030	mg/L		03/31/14 09:45	04/01/14 23:05	1
Magnesium	**1.0**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:05	1
Manganese	**0.0032**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:05	1
Nickel	ND		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:05	1
Potassium	**36.8**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:05	1
Selenium	ND		0.015	0.0087	mg/L		03/31/14 09:45	04/01/14 23:05	1
Silver	ND		0.0030	0.0017	mg/L		03/31/14 09:45	04/01/14 23:05	1
Sodium	**41.7**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:05	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:05	1
Vanadium	**0.0074**		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:05	1
Zinc	**0.0021**	**J**	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:05	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		04/04/14 16:00	04/05/14 13:10	1

Client Sample ID: S4

Lab Sample ID: 480-56862-4

Date Collected: 03/28/14 10:20

Matrix: Water

Date Received: 03/28/14 15:17

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 05:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 05:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 05:17	1
1,1-Dichloroethane	**1.4**		1.0	0.38	ug/L			04/04/14 05:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 05:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 05:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 05:17	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 05:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 05:17	1
1,2-Dichloroethene, Total	**1.7**	**J**	2.0	0.81	ug/L			04/04/14 05:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 05:17	1
Acetone	ND		10	3.0	ug/L			04/04/14 05:17	1
Benzene	**0.86**	**J**	1.0	0.41	ug/L			04/04/14 05:17	1

Client Sample ID: S4
Date Collected: 03/28/14 10:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 05:17	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 05:17	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 05:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 05:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 05:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 05:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 05:17	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 05:17	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 05:17	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 05:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 05:17	1
Ethylbenzene	**1.4**		1.0	0.74	ug/L			04/04/14 05:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 05:17	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 05:17	1
Tetrachloroethene	**1.0**		1.0	0.36	ug/L			04/04/14 05:17	1
Toluene	**1.5**		1.0	0.51	ug/L			04/04/14 05:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 05:17	1
Trichloroethene	**0.81**	**J**	1.0	0.46	ug/L			04/04/14 05:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 05:17	1
Xylenes, Total	**8.9**		2.0	0.66	ug/L			04/04/14 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*04/04/14 05:17*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*04/04/14 05:17*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*04/04/14 05:17*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*04/04/14 05:17*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		04/01/14 07:37	04/02/14 23:40	1
1,2,4-Trichlorobenzene	**0.90**	**J**	9.5	0.42	ug/L		04/01/14 07:37	04/02/14 23:40	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 23:40	1
1,2-Dichlorobenzene	ND		9.5	0.38	ug/L		04/01/14 07:37	04/02/14 23:40	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		04/01/14 07:37	04/02/14 23:40	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 23:40	1
2,4-Dimethylphenol	**41**		4.8	0.48	ug/L		04/01/14 07:37	04/02/14 23:40	1
1,3-Dichlorobenzene	**0.79**	**J**	9.5	0.46	ug/L		04/01/14 07:37	04/02/14 23:40	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 23:40	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 23:40	1
1,4-Dichlorobenzene	**0.93**	**J**	9.5	0.44	ug/L		04/01/14 07:37	04/02/14 23:40	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:40	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		04/01/14 07:37	04/02/14 23:40	1
2-Chlorophenol	ND		4.8	0.50	ug/L		04/01/14 07:37	04/02/14 23:40	1
2-Methylnaphthalene	**4.3**	**J ***	4.8	0.57	ug/L		04/01/14 07:37	04/02/14 23:40	1
2-Methylphenol	**11**		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:40	1
2-Nitroaniline	ND		9.5	0.40	ug/L		04/01/14 07:37	04/02/14 23:40	1
2-Nitrophenol	ND		4.8	0.46	ug/L		04/01/14 07:37	04/02/14 23:40	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:40	1
3-Nitroaniline	ND		9.5	0.46	ug/L		04/01/14 07:37	04/02/14 23:40	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 23:40	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: S4
Date Collected: 03/28/14 10:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 23:40	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		04/01/14 07:37	04/02/14 23:40	1
4-Chloroaniline	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 23:40	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 23:40	1
4-Methylphenol	**18**		9.5	0.34	ug/L		04/01/14 07:37	04/02/14 23:40	1
4-Nitroaniline	ND		9.5	0.24	ug/L		04/01/14 07:37	04/02/14 23:40	1
4-Nitrophenol	ND		9.5	1.4	ug/L		04/01/14 07:37	04/02/14 23:40	1
Acenaphthene	**1.3**	**J**	4.8	0.39	ug/L		04/01/14 07:37	04/02/14 23:40	1
Acenaphthylene	**0.81**	**J**	4.8	0.36	ug/L		04/01/14 07:37	04/02/14 23:40	1
Anthracene	ND		4.8	0.27	ug/L		04/01/14 07:37	04/02/14 23:40	1
Benzo[a]anthracene	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 23:40	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 23:40	1
Benzo[b]fluoranthene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 23:40	1
Benzo[g,h,i]perylene	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 23:40	1
Benzo[k]fluoranthene	ND		4.8	0.69	ug/L		04/01/14 07:37	04/02/14 23:40	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		04/01/14 07:37	04/02/14 23:40	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:40	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		04/01/14 07:37	04/02/14 23:40	1
Butyl benzyl phthalate	**0.40**	**J B**	4.8	0.40	ug/L		04/01/14 07:37	04/02/14 23:40	1
Carbazole	**1.4**	**J**	4.8	0.29	ug/L		04/01/14 07:37	04/02/14 23:40	1
Chrysene	ND		4.8	0.31	ug/L		04/01/14 07:37	04/02/14 23:40	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		04/01/14 07:37	04/02/14 23:40	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 23:40	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		04/01/14 07:37	04/02/14 23:40	1
Dibenzofuran	ND		9.5	0.49	ug/L		04/01/14 07:37	04/02/14 23:40	1
Diethyl phthalate	ND		4.8	0.21	ug/L		04/01/14 07:37	04/02/14 23:40	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		04/01/14 07:37	04/02/14 23:40	1
Fluoranthene	ND		4.8	0.38	ug/L		04/01/14 07:37	04/02/14 23:40	1
Fluorene	**1.1**	**J**	4.8	0.34	ug/L		04/01/14 07:37	04/02/14 23:40	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		04/01/14 07:37	04/02/14 23:40	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		04/01/14 07:37	04/02/14 23:40	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 23:40	1
Hexachloroethane	ND		4.8	0.56	ug/L		04/01/14 07:37	04/02/14 23:40	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		04/01/14 07:37	04/02/14 23:40	1
Isophorone	ND		4.8	0.41	ug/L		04/01/14 07:37	04/02/14 23:40	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		04/01/14 07:37	04/02/14 23:40	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		04/01/14 07:37	04/02/14 23:40	1
Naphthalene	**18**		4.8	0.72	ug/L		04/01/14 07:37	04/02/14 23:40	1
Nitrobenzene	ND	*	4.8	0.28	ug/L		04/01/14 07:37	04/02/14 23:40	1
Pentachlorophenol	ND		9.5	2.1	ug/L		04/01/14 07:37	04/02/14 23:40	1
Phenanthrene	**0.94**	**J**	4.8	0.42	ug/L		04/01/14 07:37	04/02/14 23:40	1
Phenol	ND		4.8	0.37	ug/L		04/01/14 07:37	04/02/14 23:40	1
Pyrene	ND		4.8	0.32	ug/L		04/01/14 07:37	04/02/14 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*122*		*52 - 132*	*04/01/14 07:37*	*04/02/14 23:40*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*04/01/14 07:37*	*04/02/14 23:40*	*1*
2-Fluorophenol	*64*		*20 - 120*	*04/01/14 07:37*	*04/02/14 23:40*	*1*
Nitrobenzene-d5	*96*		*46 - 120*	*04/01/14 07:37*	*04/02/14 23:40*	*1*
p-Terphenyl-d14	*95*		*67 - 150*	*04/01/14 07:37*	*04/02/14 23:40*	*1*

Client Sample ID: S4
Date Collected: 03/28/14 10:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	*45*		*16 - 120*	*04/01/14 07:37*	*04/02/14 23:40*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.047	0.0087	ug/L		03/29/14 07:57	03/30/14 13:01	1
4,4'-DDE	ND		0.047	0.011	ug/L		03/29/14 07:57	03/30/14 13:01	1
4,4'-DDT	ND		0.047	0.010	ug/L		03/29/14 07:57	03/30/14 13:01	1
Aldrin	**0.019**	**J**	0.047	0.0063	ug/L		03/29/14 07:57	03/30/14 13:01	1
alpha-BHC	ND		0.047	0.0063	ug/L		03/29/14 07:57	03/30/14 13:01	1
alpha-Chlordane	ND		0.047	0.014	ug/L		03/29/14 07:57	03/30/14 13:01	1
beta-BHC	ND		0.047	0.023	ug/L		03/29/14 07:57	03/30/14 13:01	1
delta-BHC	**0.070**		0.047	0.0095	ug/L		03/29/14 07:57	03/30/14 13:01	1
Dieldrin	ND		0.047	0.0093	ug/L		03/29/14 07:57	03/30/14 13:01	1
Endosulfan I	ND		0.047	0.010	ug/L		03/29/14 07:57	03/30/14 13:01	1
Endosulfan II	ND		0.047	0.011	ug/L		03/29/14 07:57	03/30/14 13:01	1
Endosulfan sulfate	ND		0.047	0.015	ug/L		03/29/14 07:57	03/30/14 13:01	1
Endrin	ND		0.047	0.013	ug/L		03/29/14 07:57	03/30/14 13:01	1
Endrin aldehyde	ND		0.047	0.015	ug/L		03/29/14 07:57	03/30/14 13:01	1
Endrin ketone	ND		0.047	0.011	ug/L		03/29/14 07:57	03/30/14 13:01	1
gamma-BHC (Lindane)	**0.019**	**J**	0.047	0.0057	ug/L		03/29/14 07:57	03/30/14 13:01	1
gamma-Chlordane	ND		0.047	0.010	ug/L		03/29/14 07:57	03/30/14 13:01	1
Heptachlor	**0.018**	**J**	0.047	0.0080	ug/L		03/29/14 07:57	03/30/14 13:01	1
Heptachlor epoxide	ND		0.047	0.0050	ug/L		03/29/14 07:57	03/30/14 13:01	1
Methoxychlor	ND		0.047	0.013	ug/L		03/29/14 07:57	03/30/14 13:01	1
Toxaphene	ND		0.47	0.11	ug/L		03/29/14 07:57	03/30/14 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*72*		*20 - 120*	*03/29/14 07:57*	*03/30/14 13:01*	*1*
Tetrachloro-m-xylene	*61*		*36 - 120*	*03/29/14 07:57*	*03/30/14 13:01*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	**1.9**		0.49	0.17	ug/L		03/29/14 08:08	03/30/14 20:40	1
PCB-1221	ND		0.49	0.17	ug/L		03/29/14 08:08	03/30/14 20:40	1
PCB-1232	ND		0.49	0.17	ug/L		03/29/14 08:08	03/30/14 20:40	1
PCB-1242	ND		0.49	0.17	ug/L		03/29/14 08:08	03/30/14 20:40	1
PCB-1248	ND		0.49	0.17	ug/L		03/29/14 08:08	03/30/14 20:40	1
PCB-1254	ND		0.49	0.24	ug/L		03/29/14 08:08	03/30/14 20:40	1
PCB-1260	ND		0.49	0.24	ug/L		03/29/14 08:08	03/30/14 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*54*		*19 - 126*	*03/29/14 08:08*	*03/30/14 20:40*	*1*
Tetrachloro-m-xylene	*104*		*23 - 127*	*03/29/14 08:08*	*03/30/14 20:40*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.40**		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:08	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:08	1
Arsenic	ND		0.010	0.0056	mg/L		03/31/14 09:45	04/01/14 23:08	1
Barium	**0.031**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:08	1

Client Sample ID: S4

Lab Sample ID: 480-56862-4

Date Collected: 03/28/14 10:20

Matrix: Water

Date Received: 03/28/14 15:17

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:08	1
Cadmium	ND		0.0010	0.00050	mg/L		03/31/14 09:45	04/01/14 23:08	1
Calcium	**98.1**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:08	1
Chromium	**0.0012**	**J**	0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:08	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:08	1
Copper	ND		0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:08	1
Iron	**0.022**	**J**	0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:08	1
Lead	ND		0.0050	0.0030	mg/L		03/31/14 09:45	04/01/14 23:08	1
Magnesium	**0.41**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:08	1
Manganese	**0.0022**	**J**	0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:08	1
Nickel	**0.0018**	**J**	0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:08	1
Potassium	**66.6**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:08	1
Selenium	ND		0.015	0.0087	mg/L		03/31/14 09:45	04/01/14 23:08	1
Silver	ND		0.0030	0.0017	mg/L		03/31/14 09:45	04/01/14 23:08	1
Sodium	**59.0**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:08	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:08	1
Vanadium	**0.0056**		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:08	1
Zinc	**0.0018**	**J**	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:08	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0070**	**J**	0.010	0.0050	mg/L		04/04/14 16:00	04/05/14 13:10	1

Client Sample ID: DUP

Lab Sample ID: 480-56862-5

Date Collected: 03/28/14 00:00

Matrix: Water

Date Received: 03/28/14 15:17

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 05:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 05:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 05:41	1
1,1-Dichloroethane	**1.9**		1.0	0.38	ug/L			04/04/14 05:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 05:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 05:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 05:41	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 05:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 05:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 05:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 05:41	1
Acetone	ND		10	3.0	ug/L			04/04/14 05:41	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 05:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 05:41	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 05:41	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 05:41	1
Carbon disulfide	**0.20**	**J**	1.0	0.19	ug/L			04/04/14 05:41	1

Client Sample ID: DUP
Date Collected: 03/28/14 00:00
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 05:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 05:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 05:41	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 05:41	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 05:41	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 05:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 05:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 05:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 05:41	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 05:41	1
Tetrachloroethene	**0.41**	**J**	1.0	0.36	ug/L			04/04/14 05:41	1
Toluene	**0.56**	**J**	1.0	0.51	ug/L			04/04/14 05:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 05:41	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 05:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 05:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*04/04/14 05:41*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*04/04/14 05:41*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/04/14 05:41*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*04/04/14 05:41*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.1	0.53	ug/L		04/01/14 07:37	04/03/14 00:04	1
1,2,4-Trichlorobenzene	ND		10	0.45	ug/L		04/01/14 07:37	04/03/14 00:04	1
2,4,5-Trichlorophenol	ND		5.1	0.49	ug/L		04/01/14 07:37	04/03/14 00:04	1
1,2-Dichlorobenzene	ND		10	0.41	ug/L		04/01/14 07:37	04/03/14 00:04	1
2,4,6-Trichlorophenol	ND		5.1	0.62	ug/L		04/01/14 07:37	04/03/14 00:04	1
2,4-Dichlorophenol	ND		5.1	0.52	ug/L		04/01/14 07:37	04/03/14 00:04	1
2,4-Dimethylphenol	**25**		5.1	0.51	ug/L		04/01/14 07:37	04/03/14 00:04	1
1,3-Dichlorobenzene	ND		10	0.49	ug/L		04/01/14 07:37	04/03/14 00:04	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		04/01/14 07:37	04/03/14 00:04	1
2,4-Dinitrotoluene	ND		5.1	0.45	ug/L		04/01/14 07:37	04/03/14 00:04	1
1,4-Dichlorobenzene	ND		10	0.47	ug/L		04/01/14 07:37	04/03/14 00:04	1
2,6-Dinitrotoluene	**0.98**	**J**	5.1	0.41	ug/L		04/01/14 07:37	04/03/14 00:04	1
2-Chloronaphthalene	ND		5.1	0.47	ug/L		04/01/14 07:37	04/03/14 00:04	1
2-Chlorophenol	ND		5.1	0.54	ug/L		04/01/14 07:37	04/03/14 00:04	1
2-Methylnaphthalene	ND	*	5.1	0.61	ug/L		04/01/14 07:37	04/03/14 00:04	1
2-Methylphenol	**8.8**		5.1	0.41	ug/L		04/01/14 07:37	04/03/14 00:04	1
2-Nitroaniline	ND		10	0.43	ug/L		04/01/14 07:37	04/03/14 00:04	1
2-Nitrophenol	ND		5.1	0.49	ug/L		04/01/14 07:37	04/03/14 00:04	1
3,3'-Dichlorobenzidine	ND		5.1	0.41	ug/L		04/01/14 07:37	04/03/14 00:04	1
3-Nitroaniline	ND		10	0.49	ug/L		04/01/14 07:37	04/03/14 00:04	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/01/14 07:37	04/03/14 00:04	1
4-Bromophenyl phenyl ether	ND		5.1	0.46	ug/L		04/01/14 07:37	04/03/14 00:04	1
4-Chloro-3-methylphenol	ND		5.1	0.46	ug/L		04/01/14 07:37	04/03/14 00:04	1
4-Chloroaniline	ND		5.1	0.60	ug/L		04/01/14 07:37	04/03/14 00:04	1
4-Chlorophenyl phenyl ether	ND		5.1	0.36	ug/L		04/01/14 07:37	04/03/14 00:04	1

Client Sample ID: DUP
Date Collected: 03/28/14 00:00
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	**19**		10	0.37	ug/L		04/01/14 07:37	04/03/14 00:04	1
4-Nitroaniline	ND		10	0.25	ug/L		04/01/14 07:37	04/03/14 00:04	1
4-Nitrophenol	ND		10	1.5	ug/L		04/01/14 07:37	04/03/14 00:04	1
Acenaphthene	**0.57**	**J**	5.1	0.42	ug/L		04/01/14 07:37	04/03/14 00:04	1
Acenaphthylene	ND		5.1	0.39	ug/L		04/01/14 07:37	04/03/14 00:04	1
Anthracene	ND		5.1	0.28	ug/L		04/01/14 07:37	04/03/14 00:04	1
Benzo[a]anthracene	ND		5.1	0.37	ug/L		04/01/14 07:37	04/03/14 00:04	1
Benzo[a]pyrene	ND		5.1	0.48	ug/L		04/01/14 07:37	04/03/14 00:04	1
Benzo[b]fluoranthene	ND		5.1	0.34	ug/L		04/01/14 07:37	04/03/14 00:04	1
Benzo[g,h,i]perylene	ND		5.1	0.36	ug/L		04/01/14 07:37	04/03/14 00:04	1
Benzo[k]fluoranthene	ND		5.1	0.74	ug/L		04/01/14 07:37	04/03/14 00:04	1
Bis(2-chloroethoxy)methane	ND		5.1	0.36	ug/L		04/01/14 07:37	04/03/14 00:04	1
Bis(2-chloroethyl)ether	ND		5.1	0.41	ug/L		04/01/14 07:37	04/03/14 00:04	1
Bis(2-ethylhexyl) phthalate	ND		5.1	1.8	ug/L		04/01/14 07:37	04/03/14 00:04	1
Butyl benzyl phthalate	ND		5.1	0.43	ug/L		04/01/14 07:37	04/03/14 00:04	1
Carbazole	ND		5.1	0.30	ug/L		04/01/14 07:37	04/03/14 00:04	1
Chrysene	ND		5.1	0.33	ug/L		04/01/14 07:37	04/03/14 00:04	1
Di-n-butyl phthalate	**0.46**	**J B**	5.1	0.31	ug/L		04/01/14 07:37	04/03/14 00:04	1
Di-n-octyl phthalate	ND		5.1	0.48	ug/L		04/01/14 07:37	04/03/14 00:04	1
Dibenz(a,h)anthracene	ND		5.1	0.43	ug/L		04/01/14 07:37	04/03/14 00:04	1
Dibenzofuran	ND		10	0.52	ug/L		04/01/14 07:37	04/03/14 00:04	1
Diethyl phthalate	ND		5.1	0.22	ug/L		04/01/14 07:37	04/03/14 00:04	1
Dimethyl phthalate	ND		5.1	0.37	ug/L		04/01/14 07:37	04/03/14 00:04	1
Fluoranthene	ND		5.1	0.41	ug/L		04/01/14 07:37	04/03/14 00:04	1
Fluorene	**0.44**	**J**	5.1	0.37	ug/L		04/01/14 07:37	04/03/14 00:04	1
Hexachlorobenzene	ND	*	5.1	0.52	ug/L		04/01/14 07:37	04/03/14 00:04	1
Hexachlorobutadiene	ND		5.1	0.69	ug/L		04/01/14 07:37	04/03/14 00:04	1
Hexachlorocyclopentadiene	ND		5.1	0.60	ug/L		04/01/14 07:37	04/03/14 00:04	1
Hexachloroethane	ND		5.1	0.60	ug/L		04/01/14 07:37	04/03/14 00:04	1
Indeno[1,2,3-cd]pyrene	ND		5.1	0.48	ug/L		04/01/14 07:37	04/03/14 00:04	1
Isophorone	ND		5.1	0.44	ug/L		04/01/14 07:37	04/03/14 00:04	1
N-Nitrosodi-n-propylamine	ND		5.1	0.55	ug/L		04/01/14 07:37	04/03/14 00:04	1
N-Nitrosodiphenylamine	ND		5.1	0.52	ug/L		04/01/14 07:37	04/03/14 00:04	1
Naphthalene	**3.3**	**J**	5.1	0.77	ug/L		04/01/14 07:37	04/03/14 00:04	1
Nitrobenzene	ND	*	5.1	0.29	ug/L		04/01/14 07:37	04/03/14 00:04	1
Pentachlorophenol	ND		10	2.2	ug/L		04/01/14 07:37	04/03/14 00:04	1
Phenanthrene	**0.79**	**J**	5.1	0.45	ug/L		04/01/14 07:37	04/03/14 00:04	1
Phenol	ND		5.1	0.40	ug/L		04/01/14 07:37	04/03/14 00:04	1
Pyrene	ND		5.1	0.34	ug/L		04/01/14 07:37	04/03/14 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*117*		*52 - 132*	*04/01/14 07:37*	*04/03/14 00:04*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*04/01/14 07:37*	*04/03/14 00:04*	*1*
2-Fluorophenol	*64*		*20 - 120*	*04/01/14 07:37*	*04/03/14 00:04*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*04/01/14 07:37*	*04/03/14 00:04*	*1*
p-Terphenyl-d14	*95*		*67 - 150*	*04/01/14 07:37*	*04/03/14 00:04*	*1*
Phenol-d5	*46*		*16 - 120*	*04/01/14 07:37*	*04/03/14 00:04*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: DUP
Date Collected: 03/28/14 00:00
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-5
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0093	ug/L		03/29/14 07:57	03/30/14 13:19	1
4,4'-DDE	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 13:19	1
4,4'-DDT	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 13:19	1
Aldrin	ND		0.050	0.0067	ug/L		03/29/14 07:57	03/30/14 13:19	1
alpha-BHC	ND		0.050	0.0067	ug/L		03/29/14 07:57	03/30/14 13:19	1
alpha-Chlordane	ND		0.050	0.015	ug/L		03/29/14 07:57	03/30/14 13:19	1
beta-BHC	ND		0.050	0.025	ug/L		03/29/14 07:57	03/30/14 13:19	1
delta-BHC	**0.014**	**J**	0.050	0.010	ug/L		03/29/14 07:57	03/30/14 13:19	1
Dieldrin	ND		0.050	0.0099	ug/L		03/29/14 07:57	03/30/14 13:19	1
Endosulfan I	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 13:19	1
Endosulfan II	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 13:19	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		03/29/14 07:57	03/30/14 13:19	1
Endrin	ND		0.050	0.014	ug/L		03/29/14 07:57	03/30/14 13:19	1
Endrin aldehyde	ND		0.050	0.016	ug/L		03/29/14 07:57	03/30/14 13:19	1
Endrin ketone	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 13:19	1
gamma-BHC (Lindane)	ND		0.050	0.0060	ug/L		03/29/14 07:57	03/30/14 13:19	1
gamma-Chlordane	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 13:19	1
Heptachlor	ND		0.050	0.0086	ug/L		03/29/14 07:57	03/30/14 13:19	1
Heptachlor epoxide	ND		0.050	0.0053	ug/L		03/29/14 07:57	03/30/14 13:19	1
Methoxychlor	ND		0.050	0.014	ug/L		03/29/14 07:57	03/30/14 13:19	1
Toxaphene	ND		0.50	0.12	ug/L		03/29/14 07:57	03/30/14 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*20 - 120*	*03/29/14 07:57*	*03/30/14 13:19*	*1*
Tetrachloro-m-xylene	*72*		*36 - 120*	*03/29/14 07:57*	*03/30/14 13:19*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		03/29/14 08:08	03/30/14 20:56	1
PCB-1221	ND		0.46	0.16	ug/L		03/29/14 08:08	03/30/14 20:56	1
PCB-1232	ND		0.46	0.16	ug/L		03/29/14 08:08	03/30/14 20:56	1
PCB-1242	ND		0.46	0.16	ug/L		03/29/14 08:08	03/30/14 20:56	1
PCB-1248	ND		0.46	0.16	ug/L		03/29/14 08:08	03/30/14 20:56	1
PCB-1254	ND		0.46	0.23	ug/L		03/29/14 08:08	03/30/14 20:56	1
PCB-1260	ND		0.46	0.23	ug/L		03/29/14 08:08	03/30/14 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*19 - 126*	*03/29/14 08:08*	*03/30/14 20:56*	*1*
Tetrachloro-m-xylene	*103*		*23 - 127*	*03/29/14 08:08*	*03/30/14 20:56*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.13**	**J**	0.20	0.060	mg/L		03/31/14 09:45	04/01/14 23:11	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 23:11	1
Arsenic	ND		0.010	0.0056	mg/L		03/31/14 09:45	04/01/14 23:11	1
Barium	**0.025**		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 23:11	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 23:11	1
Cadmium	ND		0.0010	0.00050	mg/L		03/31/14 09:45	04/01/14 23:11	1
Calcium	**33.4**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:11	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 23:11	1

Client Sample ID: DUP

Lab Sample ID: 480-56862-5

Date Collected: 03/28/14 00:00

Matrix: Water

Date Received: 03/28/14 15:17

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 23:11	1
Copper	**0.0022**	**J**	0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 23:11	1
Iron	**0.075**		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 23:11	1
Lead	ND		0.0050	0.0030	mg/L		03/31/14 09:45	04/01/14 23:11	1
Magnesium	**2.1**		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 23:11	1
Manganese	**0.0082**		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 23:11	1
Nickel	ND		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 23:11	1
Potassium	**22.0**		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 23:11	1
Selenium	ND		0.015	0.0087	mg/L		03/31/14 09:45	04/01/14 23:11	1
Silver	ND		0.0030	0.0017	mg/L		03/31/14 09:45	04/01/14 23:11	1
Sodium	**22.4**		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 23:11	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 23:11	1
Vanadium	**0.0038**	**J**	0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 23:11	1
Zinc	**0.0039**	**J**	0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 23:11	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.023**		0.010	0.0050	mg/L		04/04/14 16:00	04/05/14 13:11	1

Client Sample ID: RW4

Lab Sample ID: 480-56862-6

Date Collected: 03/28/14 13:35

Matrix: Water

Date Received: 03/28/14 15:17

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 06:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 06:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 06:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 06:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 06:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 06:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 06:03	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 06:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 06:03	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 06:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 06:03	1
Acetone	ND		10	3.0	ug/L			04/04/14 06:03	1
Benzene	**1.3**		1.0	0.41	ug/L			04/04/14 06:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 06:03	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 06:03	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 06:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 06:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 06:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 06:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 06:03	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 06:03	1

Client Sample ID: RW4
Date Collected: 03/28/14 13:35
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			04/04/14 06:03	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 06:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 06:03	1
Ethylbenzene	**3.9**		1.0	0.74	ug/L			04/04/14 06:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 06:03	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 06:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 06:03	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 06:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 06:03	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 06:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 06:03	1
Xylenes, Total	**5.7**		2.0	0.66	ug/L			04/04/14 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*04/04/14 06:03*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*04/04/14 06:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/04/14 06:03*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*04/04/14 06:03*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		04/01/14 07:37	04/03/14 00:28	1
1,2,4-Trichlorobenzene	ND		9.7	0.43	ug/L		04/01/14 07:37	04/03/14 00:28	1
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		04/01/14 07:37	04/03/14 00:28	1
1,2-Dichlorobenzene	ND		9.7	0.39	ug/L		04/01/14 07:37	04/03/14 00:28	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		04/01/14 07:37	04/03/14 00:28	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		04/01/14 07:37	04/03/14 00:28	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		04/01/14 07:37	04/03/14 00:28	1
1,3-Dichlorobenzene	ND		9.7	0.47	ug/L		04/01/14 07:37	04/03/14 00:28	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		04/01/14 07:37	04/03/14 00:28	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		04/01/14 07:37	04/03/14 00:28	1
1,4-Dichlorobenzene	ND		9.7	0.45	ug/L		04/01/14 07:37	04/03/14 00:28	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:28	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		04/01/14 07:37	04/03/14 00:28	1
2-Chlorophenol	ND		4.9	0.52	ug/L		04/01/14 07:37	04/03/14 00:28	1
2-Methylnaphthalene	ND	*	4.9	0.58	ug/L		04/01/14 07:37	04/03/14 00:28	1
2-Methylphenol	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:28	1
2-Nitroaniline	ND		9.7	0.41	ug/L		04/01/14 07:37	04/03/14 00:28	1
2-Nitrophenol	ND		4.9	0.47	ug/L		04/01/14 07:37	04/03/14 00:28	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:28	1
3-Nitroaniline	ND		9.7	0.47	ug/L		04/01/14 07:37	04/03/14 00:28	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		04/01/14 07:37	04/03/14 00:28	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		04/01/14 07:37	04/03/14 00:28	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		04/01/14 07:37	04/03/14 00:28	1
4-Chloroaniline	ND		4.9	0.58	ug/L		04/01/14 07:37	04/03/14 00:28	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		04/01/14 07:37	04/03/14 00:28	1
4-Methylphenol	ND		9.7	0.35	ug/L		04/01/14 07:37	04/03/14 00:28	1
4-Nitroaniline	ND		9.7	0.24	ug/L		04/01/14 07:37	04/03/14 00:28	1
4-Nitrophenol	ND		9.7	1.5	ug/L		04/01/14 07:37	04/03/14 00:28	1
Acenaphthene	**0.66**	**J**	4.9	0.40	ug/L		04/01/14 07:37	04/03/14 00:28	1

Client Sample ID: RW4
Date Collected: 03/28/14 13:35
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**0.61**	**J**	4.9	0.37	ug/L		04/01/14 07:37	04/03/14 00:28	1
Anthracene	ND		4.9	0.27	ug/L		04/01/14 07:37	04/03/14 00:28	1
Benzo[a]anthracene	ND		4.9	0.35	ug/L		04/01/14 07:37	04/03/14 00:28	1
Benzo[a]pyrene	ND		4.9	0.46	ug/L		04/01/14 07:37	04/03/14 00:28	1
Benzo[b]fluoranthene	ND		4.9	0.33	ug/L		04/01/14 07:37	04/03/14 00:28	1
Benzo[g,h,i]perylene	ND		4.9	0.34	ug/L		04/01/14 07:37	04/03/14 00:28	1
Benzo[k]fluoranthene	ND		4.9	0.71	ug/L		04/01/14 07:37	04/03/14 00:28	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		04/01/14 07:37	04/03/14 00:28	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:28	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		04/01/14 07:37	04/03/14 00:28	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		04/01/14 07:37	04/03/14 00:28	1
Carbazole	ND		4.9	0.29	ug/L		04/01/14 07:37	04/03/14 00:28	1
Chrysene	ND		4.9	0.32	ug/L		04/01/14 07:37	04/03/14 00:28	1
Di-n-butyl phthalate	**0.48**	**J B**	4.9	0.30	ug/L		04/01/14 07:37	04/03/14 00:28	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		04/01/14 07:37	04/03/14 00:28	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		04/01/14 07:37	04/03/14 00:28	1
Dibenzofuran	ND		9.7	0.50	ug/L		04/01/14 07:37	04/03/14 00:28	1
Diethyl phthalate	ND		4.9	0.21	ug/L		04/01/14 07:37	04/03/14 00:28	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		04/01/14 07:37	04/03/14 00:28	1
Fluoranthene	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:28	1
Fluorene	ND		4.9	0.35	ug/L		04/01/14 07:37	04/03/14 00:28	1
Hexachlorobenzene	ND	*	4.9	0.50	ug/L		04/01/14 07:37	04/03/14 00:28	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		04/01/14 07:37	04/03/14 00:28	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		04/01/14 07:37	04/03/14 00:28	1
Hexachloroethane	ND		4.9	0.58	ug/L		04/01/14 07:37	04/03/14 00:28	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.46	ug/L		04/01/14 07:37	04/03/14 00:28	1
Isophorone	ND		4.9	0.42	ug/L		04/01/14 07:37	04/03/14 00:28	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		04/01/14 07:37	04/03/14 00:28	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		04/01/14 07:37	04/03/14 00:28	1
Naphthalene	**0.88**	**J**	4.9	0.74	ug/L		04/01/14 07:37	04/03/14 00:28	1
Nitrobenzene	ND	*	4.9	0.28	ug/L		04/01/14 07:37	04/03/14 00:28	1
Pentachlorophenol	ND		9.7	2.1	ug/L		04/01/14 07:37	04/03/14 00:28	1
Phenanthrene	ND		4.9	0.43	ug/L		04/01/14 07:37	04/03/14 00:28	1
Phenol	ND		4.9	0.38	ug/L		04/01/14 07:37	04/03/14 00:28	1
Pyrene	ND		4.9	0.33	ug/L		04/01/14 07:37	04/03/14 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*110*		*52 - 132*	*04/01/14 07:37*	*04/03/14 00:28*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*04/01/14 07:37*	*04/03/14 00:28*	*1*
2-Fluorophenol	*60*		*20 - 120*	*04/01/14 07:37*	*04/03/14 00:28*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*04/01/14 07:37*	*04/03/14 00:28*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*04/01/14 07:37*	*04/03/14 00:28*	*1*
Phenol-d5	*42*		*16 - 120*	*04/01/14 07:37*	*04/03/14 00:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.54	0.19	ug/L		03/29/14 08:08	03/30/14 21:12	1
PCB-1221	ND		0.54	0.19	ug/L		03/29/14 08:08	03/30/14 21:12	1
PCB-1232	ND		0.54	0.19	ug/L		03/29/14 08:08	03/30/14 21:12	1
PCB-1242	ND		0.54	0.19	ug/L		03/29/14 08:08	03/30/14 21:12	1

Client Sample ID: RW4
Date Collected: 03/28/14 13:35
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-6
Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.54	0.19	ug/L		03/29/14 08:08	03/30/14 21:12	1
PCB-1254	ND		0.54	0.27	ug/L		03/29/14 08:08	03/30/14 21:12	1
PCB-1260	ND		0.54	0.27	ug/L		03/29/14 08:08	03/30/14 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*		*19 - 126*	*03/29/14 08:08*	*03/30/14 21:12*	*1*
Tetrachloro-m-xylene	*106*		*23 - 127*	*03/29/14 08:08*	*03/30/14 21:12*	*1*

Client Sample ID: RW5
Date Collected: 03/28/14 14:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 06:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 06:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 06:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 06:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 06:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 06:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 06:27	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 06:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 06:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 06:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 06:27	1
Acetone	ND		10	3.0	ug/L			04/04/14 06:27	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 06:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 06:27	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 06:27	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 06:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 06:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 06:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 06:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 06:27	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 06:27	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 06:27	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 06:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 06:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 06:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 06:27	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 06:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 06:27	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 06:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 06:27	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 06:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 06:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*04/04/14 06:27*	*1*

Client Sample ID: RW5
Date Collected: 03/28/14 14:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*71 - 126*		*04/04/14 06:27*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*04/04/14 06:27*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*		*04/04/14 06:27*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		04/01/14 07:37	04/03/14 00:53	1
1,2,4-Trichlorobenzene	ND		9.8	0.43	ug/L		04/01/14 07:37	04/03/14 00:53	1
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		04/01/14 07:37	04/03/14 00:53	1
1,2-Dichlorobenzene	ND		9.8	0.39	ug/L		04/01/14 07:37	04/03/14 00:53	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		04/01/14 07:37	04/03/14 00:53	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		04/01/14 07:37	04/03/14 00:53	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		04/01/14 07:37	04/03/14 00:53	1
1,3-Dichlorobenzene	ND		9.8	0.47	ug/L		04/01/14 07:37	04/03/14 00:53	1
2,4-Dinitrophenol	ND		9.8	2.2	ug/L		04/01/14 07:37	04/03/14 00:53	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		04/01/14 07:37	04/03/14 00:53	1
1,4-Dichlorobenzene	ND		9.8	0.45	ug/L		04/01/14 07:37	04/03/14 00:53	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:53	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		04/01/14 07:37	04/03/14 00:53	1
2-Chlorophenol	ND		4.9	0.52	ug/L		04/01/14 07:37	04/03/14 00:53	1
2-Methylnaphthalene	ND	*	4.9	0.59	ug/L		04/01/14 07:37	04/03/14 00:53	1
2-Methylphenol	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:53	1
2-Nitroaniline	ND		9.8	0.41	ug/L		04/01/14 07:37	04/03/14 00:53	1
2-Nitrophenol	ND		4.9	0.47	ug/L		04/01/14 07:37	04/03/14 00:53	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:53	1
3-Nitroaniline	ND		9.8	0.47	ug/L		04/01/14 07:37	04/03/14 00:53	1
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L		04/01/14 07:37	04/03/14 00:53	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		04/01/14 07:37	04/03/14 00:53	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		04/01/14 07:37	04/03/14 00:53	1
4-Chloroaniline	ND		4.9	0.58	ug/L		04/01/14 07:37	04/03/14 00:53	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		04/01/14 07:37	04/03/14 00:53	1
4-Methylphenol	ND		9.8	0.35	ug/L		04/01/14 07:37	04/03/14 00:53	1
4-Nitroaniline	ND		9.8	0.24	ug/L		04/01/14 07:37	04/03/14 00:53	1
4-Nitrophenol	ND		9.8	1.5	ug/L		04/01/14 07:37	04/03/14 00:53	1
Acenaphthene	ND		4.9	0.40	ug/L		04/01/14 07:37	04/03/14 00:53	1
Acenaphthylene	ND		4.9	0.37	ug/L		04/01/14 07:37	04/03/14 00:53	1
Anthracene	ND		4.9	0.27	ug/L		04/01/14 07:37	04/03/14 00:53	1
Benzo[a]anthracene	ND		4.9	0.35	ug/L		04/01/14 07:37	04/03/14 00:53	1
Benzo[a]pyrene	ND		4.9	0.46	ug/L		04/01/14 07:37	04/03/14 00:53	1
Benzo[b]fluoranthene	ND		4.9	0.33	ug/L		04/01/14 07:37	04/03/14 00:53	1
Benzo[g,h,i]perylene	ND		4.9	0.34	ug/L		04/01/14 07:37	04/03/14 00:53	1
Benzo[k]fluoranthene	ND		4.9	0.71	ug/L		04/01/14 07:37	04/03/14 00:53	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		04/01/14 07:37	04/03/14 00:53	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:53	1
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L		04/01/14 07:37	04/03/14 00:53	1
Butyl benzyl phthalate	**0.52**	**J B**	4.9	0.41	ug/L		04/01/14 07:37	04/03/14 00:53	1
Carbazole	ND		4.9	0.29	ug/L		04/01/14 07:37	04/03/14 00:53	1
Chrysene	ND		4.9	0.32	ug/L		04/01/14 07:37	04/03/14 00:53	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		04/01/14 07:37	04/03/14 00:53	1

Client Sample ID: RW5
Date Collected: 03/28/14 14:20
Date Received: 03/28/14 15:17

Lab Sample ID: 480-56862-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		04/01/14 07:37	04/03/14 00:53	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		04/01/14 07:37	04/03/14 00:53	1
Dibenzofuran	ND		9.8	0.50	ug/L		04/01/14 07:37	04/03/14 00:53	1
Diethyl phthalate	**0.26**	**J**	4.9	0.22	ug/L		04/01/14 07:37	04/03/14 00:53	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		04/01/14 07:37	04/03/14 00:53	1
Fluoranthene	ND		4.9	0.39	ug/L		04/01/14 07:37	04/03/14 00:53	1
Fluorene	ND		4.9	0.35	ug/L		04/01/14 07:37	04/03/14 00:53	1
Hexachlorobenzene	ND	*	4.9	0.50	ug/L		04/01/14 07:37	04/03/14 00:53	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		04/01/14 07:37	04/03/14 00:53	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		04/01/14 07:37	04/03/14 00:53	1
Hexachloroethane	ND		4.9	0.58	ug/L		04/01/14 07:37	04/03/14 00:53	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.46	ug/L		04/01/14 07:37	04/03/14 00:53	1
Isophorone	ND		4.9	0.42	ug/L		04/01/14 07:37	04/03/14 00:53	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		04/01/14 07:37	04/03/14 00:53	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		04/01/14 07:37	04/03/14 00:53	1
Naphthalene	ND		4.9	0.74	ug/L		04/01/14 07:37	04/03/14 00:53	1
Nitrobenzene	ND	*	4.9	0.28	ug/L		04/01/14 07:37	04/03/14 00:53	1
Pentachlorophenol	ND		9.8	2.2	ug/L		04/01/14 07:37	04/03/14 00:53	1
Phenanthrene	ND		4.9	0.43	ug/L		04/01/14 07:37	04/03/14 00:53	1
Phenol	ND		4.9	0.38	ug/L		04/01/14 07:37	04/03/14 00:53	1
Pyrene	ND		4.9	0.33	ug/L		04/01/14 07:37	04/03/14 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*52 - 132*	*04/01/14 07:37*	*04/03/14 00:53*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*04/01/14 07:37*	*04/03/14 00:53*	*1*
2-Fluorophenol	*57*		*20 - 120*	*04/01/14 07:37*	*04/03/14 00:53*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*04/01/14 07:37*	*04/03/14 00:53*	*1*
p-Terphenyl-d14	*94*		*67 - 150*	*04/01/14 07:37*	*04/03/14 00:53*	*1*
Phenol-d5	*39*		*16 - 120*	*04/01/14 07:37*	*04/03/14 00:53*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		03/29/14 08:08	03/30/14 21:28	1
PCB-1221	ND		0.47	0.16	ug/L		03/29/14 08:08	03/30/14 21:28	1
PCB-1232	ND		0.47	0.16	ug/L		03/29/14 08:08	03/30/14 21:28	1
PCB-1242	ND		0.47	0.16	ug/L		03/29/14 08:08	03/30/14 21:28	1
PCB-1248	ND		0.47	0.16	ug/L		03/29/14 08:08	03/30/14 21:28	1
PCB-1254	ND		0.47	0.23	ug/L		03/29/14 08:08	03/30/14 21:28	1
PCB-1260	ND		0.47	0.23	ug/L		03/29/14 08:08	03/30/14 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*19 - 126*	*03/29/14 08:08*	*03/30/14 21:28*	*1*
Tetrachloro-m-xylene	*108*		*23 - 127*	*03/29/14 08:08*	*03/30/14 21:28*	*1*

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-56862-1	S1	104	98	97	98
480-56862-2	S2	100	97	95	98
480-56862-3	S3	106	99	97	99
480-56862-3 MS	S3	104	101	103	99
480-56862-3 MSD	S3	100	99	98	99
480-56862-4	S4	103	102	102	101
480-56862-5	DUP	106	98	100	101
480-56862-6	RW4	101	100	101	102
480-56862-7	RW5	108	105	104	103
LCS 480-173766/4	Lab Control Sample	103	102	102	98
MB 480-173766/6	Method Blank	102	100	103	97

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-56862-1	S1	101	77	50	82	90	34
480-56862-2	S2	113	82	59	90	92	41
480-56862-3	S3	87	78	50	75	87	35
480-56862-4	S4	122	101	64	96	95	45
480-56862-5	DUP	117	97	64	89	95	46
480-56862-6	RW4	110	81	60	89	92	42
480-56862-7	RW5	91	91	57	86	94	39
LCS 480-173059/2-A	Lab Control Sample	116	96	73	99	110	66
MB 480-173059/1-A	Method Blank	89	81	51	85	103	34

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
480-56862-1	S1	81	93
480-56862-2	S2	77	70

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB2	TCX2										
Lab Sample ID	Client Sample ID	(20-120)	(36-120)										
480-56862-3	S3	84	71										
480-56862-4	S4	72	61										
480-56862-5	DUP	78	72										
LCS 480-172691/2-A	Lab Control Sample	89	78										
LCSD 480-172691/3-A	Lab Control Sample Dup	72	80										
MB 480-172691/1-A	Method Blank	76	85										

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(19-126)	(23-127)										
480-56862-1	S1	42	106										
480-56862-2	S2	52	104										
480-56862-3	S3	53	105										
480-56862-4	S4	54	104										
480-56862-5	DUP	49	103										
480-56862-6	RW4	42	106										
480-56862-7	RW5	47	108										
LCS 480-172700/2-A	Lab Control Sample	57	113										
LCSD 480-172700/3-A	Lab Control Sample Dup	56	114										
MB 480-172700/1-A	Method Blank	74	102										

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-173766/6
Matrix: Water
Analysis Batch: 173766

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/04/14 02:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/04/14 02:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/04/14 02:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/04/14 02:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/04/14 02:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/04/14 02:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/04/14 02:22	1
2-Hexanone	ND		5.0	1.2	ug/L			04/04/14 02:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/04/14 02:22	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/04/14 02:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/04/14 02:22	1
Acetone	ND		10	3.0	ug/L			04/04/14 02:22	1
Benzene	ND		1.0	0.41	ug/L			04/04/14 02:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/04/14 02:22	1
Bromoform	ND		1.0	0.26	ug/L			04/04/14 02:22	1
Bromomethane	ND		1.0	0.69	ug/L			04/04/14 02:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/04/14 02:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/04/14 02:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/04/14 02:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/04/14 02:22	1
Chloroethane	ND		1.0	0.32	ug/L			04/04/14 02:22	1
Chloroform	ND		1.0	0.34	ug/L			04/04/14 02:22	1
Chloromethane	ND		1.0	0.35	ug/L			04/04/14 02:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/04/14 02:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/04/14 02:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/04/14 02:22	1
Styrene	ND		1.0	0.73	ug/L			04/04/14 02:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/04/14 02:22	1
Toluene	ND		1.0	0.51	ug/L			04/04/14 02:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/04/14 02:22	1
Trichloroethene	ND		1.0	0.46	ug/L			04/04/14 02:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/04/14 02:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/04/14 02:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*04/04/14 02:22*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*04/04/14 02:22*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/04/14 02:22*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*		*04/04/14 02:22*	*1*

Lab Sample ID: LCS 480-173766/4
Matrix: Water
Analysis Batch: 173766

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.1		ug/L		108	71 - 129
1,1-Dichloroethene	25.0	23.2		ug/L		93	58 - 121
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-173766/4
Matrix: Water
Analysis Batch: 173766

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.5		ug/L		98	71 - 124
Chlorobenzene	25.0	25.0		ug/L		100	72 - 120
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	23.6		ug/L		95	80 - 122
Trichloroethene	25.0	24.8		ug/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
Toluene-d8 (Surr)	*102*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Lab Sample ID: 480-56862-3 MS
Matrix: Water
Analysis Batch: 173766

Client Sample ID: S3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.50	J	25.0	29.4		ug/L		116	71 - 129
1,1-Dichloroethene	ND		25.0	28.2		ug/L		113	58 - 121
1,2-Dichloroethane	ND		25.0	27.3		ug/L		109	75 - 127
Benzene	ND		25.0	28.0		ug/L		112	71 - 124
Chlorobenzene	ND		25.0	28.0		ug/L		112	72 - 120
Ethylbenzene	ND		25.0	28.6		ug/L		114	77 - 123
Tetrachloroethene	ND		25.0	29.1		ug/L		116	74 - 122
Toluene	ND		25.0	26.5		ug/L		106	80 - 122
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-56862-3 MSD
Matrix: Water
Analysis Batch: 173766

Client Sample ID: S3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	0.50	J	25.0	29.4		ug/L		116	71 - 129	0	20
1,1-Dichloroethene	ND		25.0	26.8		ug/L		107	58 - 121	5	16
1,2-Dichloroethane	ND		25.0	25.9		ug/L		104	75 - 127	5	20
Benzene	ND		25.0	26.9		ug/L		107	71 - 124	4	13
Chlorobenzene	ND		25.0	26.3		ug/L		105	72 - 120	6	25
Ethylbenzene	ND		25.0	26.9		ug/L		108	77 - 123	6	15
Tetrachloroethene	ND		25.0	27.4		ug/L		109	74 - 122	6	20
Toluene	ND		25.0	25.0		ug/L		100	80 - 122	6	15
Trichloroethene	ND		25.0	26.6		ug/L		106	74 - 123	4	16

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-56862-3 MSD
Matrix: Water
Analysis Batch: 173766

Client Sample ID: S3
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
Toluene-d8 (Surr)	*99*		*71 - 126*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		04/01/14 07:37	04/02/14 16:53	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		04/01/14 07:37	04/02/14 16:53	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		04/01/14 07:37	04/02/14 16:53	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Chlorophenol	ND		5.0	0.53	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Methylphenol	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Nitroaniline	ND		10	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
2-Nitrophenol	ND		5.0	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
3-Nitroaniline	ND		10	0.48	ug/L		04/01/14 07:37	04/02/14 16:53	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chloroaniline	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Methylphenol	ND		10	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Nitroaniline	ND		10	0.25	ug/L		04/01/14 07:37	04/02/14 16:53	1
4-Nitrophenol	ND		10	1.5	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acenaphthene	ND		5.0	0.41	ug/L		04/01/14 07:37	04/02/14 16:53	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/01/14 07:37	04/02/14 16:53	1
Anthracene	ND		5.0	0.28	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/01/14 07:37	04/02/14 16:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-173059/1-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 173059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		04/01/14 07:37	04/02/14 16:53	1
Butyl benzyl phthalate	0.457	J	5.0	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
Carbazole	ND		5.0	0.30	ug/L		04/01/14 07:37	04/02/14 16:53	1
Chrysene	ND		5.0	0.33	ug/L		04/01/14 07:37	04/02/14 16:53	1
Di-n-butyl phthalate	0.396	J	5.0	0.31	ug/L		04/01/14 07:37	04/02/14 16:53	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dibenzofuran	ND		10	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Diethyl phthalate	ND		5.0	0.22	ug/L		04/01/14 07:37	04/02/14 16:53	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Fluoranthene	ND		5.0	0.40	ug/L		04/01/14 07:37	04/02/14 16:53	1
Fluorene	ND		5.0	0.36	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
Hexachloroethane	ND		5.0	0.59	ug/L		04/01/14 07:37	04/02/14 16:53	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/01/14 07:37	04/02/14 16:53	1
Isophorone	ND		5.0	0.43	ug/L		04/01/14 07:37	04/02/14 16:53	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		04/01/14 07:37	04/02/14 16:53	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		04/01/14 07:37	04/02/14 16:53	1
Naphthalene	ND		5.0	0.76	ug/L		04/01/14 07:37	04/02/14 16:53	1
Nitrobenzene	ND		5.0	0.29	ug/L		04/01/14 07:37	04/02/14 16:53	1
Pentachlorophenol	ND		10	2.2	ug/L		04/01/14 07:37	04/02/14 16:53	1
Phenanthrene	ND		5.0	0.44	ug/L		04/01/14 07:37	04/02/14 16:53	1
Phenol	ND		5.0	0.39	ug/L		04/01/14 07:37	04/02/14 16:53	1
Pyrene	ND		5.0	0.34	ug/L		04/01/14 07:37	04/02/14 16:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 132*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
2-Fluorobiphenyl	*81*		*48 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
2-Fluorophenol	*51*		*20 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
p-Terphenyl-d14	*103*		*67 - 150*	*04/01/14 07:37*	*04/02/14 16:53*	*1*
Phenol-d5	*34*		*16 - 120*	*04/01/14 07:37*	*04/02/14 16:53*	*1*

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	27.7		ug/L		87	40 - 120
2,4-Dinitrophenol	64.0	54.5		ug/L		85	42 - 153
1,4-Dichlorobenzene	32.0	27.3		ug/L		85	32 - 120
2-Chlorophenol	32.0	29.4		ug/L		92	48 - 120
4-Chloro-3-methylphenol	32.0	36.5		ug/L		114	64 - 120
4-Nitrophenol	64.0	42.3		ug/L		66	16 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-173059/2-A
Matrix: Water
Analysis Batch: 173429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 173059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	32.0	32.5		ug/L		102	60 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.7		ug/L		115	53 - 158
Fluorene	32.0	33.3		ug/L		104	55 - 143
Hexachloroethane	32.0	30.7		ug/L		96	14 - 101
N-Nitrosodi-n-propylamine	32.0	35.4		ug/L		111	56 - 120
Pentachlorophenol	64.0	58.0		ug/L		91	39 - 136
Phenol	32.0	20.1		ug/L		63	17 - 120
Pyrene	32.0	37.0		ug/L		116	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*52 - 132*
2-Fluorobiphenyl	*96*		*48 - 120*
2-Fluorophenol	*73*		*20 - 120*
Nitrobenzene-d5	*99*		*46 - 120*
p-Terphenyl-d14	*110*		*67 - 150*
Phenol-d5	*66*		*16 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-172691/1-A
Matrix: Water
Analysis Batch: 172736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		03/29/14 07:57	03/30/14 11:16	1
4,4'-DDE	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 11:16	1
4,4'-DDT	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 11:16	1
Aldrin	ND		0.050	0.0066	ug/L		03/29/14 07:57	03/30/14 11:16	1
alpha-BHC	ND		0.050	0.0066	ug/L		03/29/14 07:57	03/30/14 11:16	1
alpha-Chlordane	ND		0.050	0.015	ug/L		03/29/14 07:57	03/30/14 11:16	1
beta-BHC	ND		0.050	0.025	ug/L		03/29/14 07:57	03/30/14 11:16	1
delta-BHC	ND		0.050	0.010	ug/L		03/29/14 07:57	03/30/14 11:16	1
Dieldrin	ND		0.050	0.0098	ug/L		03/29/14 07:57	03/30/14 11:16	1
Endosulfan I	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 11:16	1
Endosulfan II	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 11:16	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		03/29/14 07:57	03/30/14 11:16	1
Endrin	ND		0.050	0.014	ug/L		03/29/14 07:57	03/30/14 11:16	1
Endrin aldehyde	ND		0.050	0.016	ug/L		03/29/14 07:57	03/30/14 11:16	1
Endrin ketone	ND		0.050	0.012	ug/L		03/29/14 07:57	03/30/14 11:16	1
gamma-BHC (Lindane)	ND		0.050	0.0060	ug/L		03/29/14 07:57	03/30/14 11:16	1
gamma-Chlordane	ND		0.050	0.011	ug/L		03/29/14 07:57	03/30/14 11:16	1
Heptachlor	ND		0.050	0.0085	ug/L		03/29/14 07:57	03/30/14 11:16	1
Heptachlor epoxide	ND		0.050	0.0053	ug/L		03/29/14 07:57	03/30/14 11:16	1
Methoxychlor	ND		0.050	0.014	ug/L		03/29/14 07:57	03/30/14 11:16	1
Toxaphene	ND		0.50	0.12	ug/L		03/29/14 07:57	03/30/14 11:16	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-172691/1-A
Matrix: Water
Analysis Batch: 172736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172691

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		20 - 120	03/29/14 07:57	03/30/14 11:16	1
Tetrachloro-m-xylene	85		36 - 120	03/29/14 07:57	03/30/14 11:16	1

Lab Sample ID: LCS 480-172691/2-A
Matrix: Water
Analysis Batch: 172736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.399		ug/L		100	51 - 138
4,4'-DDE	0.400	0.378		ug/L		95	45 - 133
4,4'-DDT	0.400	0.392		ug/L		98	50 - 136
Aldrin	0.400	0.335		ug/L		84	40 - 125
alpha-BHC	0.400	0.352		ug/L		88	52 - 125
alpha-Chlordane	0.400	0.305		ug/L		76	52 - 133
beta-BHC	0.400	0.372		ug/L		93	51 - 135
delta-BHC	0.400	0.363		ug/L		91	51 - 132
Dieldrin	0.400	0.367		ug/L		92	49 - 136
Endosulfan I	0.400	0.389		ug/L		97	51 - 134
Endosulfan II	0.400	0.401		ug/L		100	52 - 138
Endosulfan sulfate	0.400	0.421		ug/L		105	47 - 136
Endrin	0.400	0.375		ug/L		94	52 - 143
Endrin aldehyde	0.400	0.374		ug/L		93	46 - 134
Endrin ketone	0.400	0.438		ug/L		110	51 - 138
gamma-BHC (Lindane)	0.400	0.364		ug/L		91	56 - 127
gamma-Chlordane	0.400	0.327		ug/L		82	52 - 128
Heptachlor	0.400	0.388		ug/L		97	51 - 125
Heptachlor epoxide	0.400	0.394		ug/L		99	50 - 140
Methoxychlor	0.400	0.528		ug/L		132	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	89		20 - 120
Tetrachloro-m-xylene	78		36 - 120

Lab Sample ID: LCSD 480-172691/3-A
Matrix: Water
Analysis Batch: 172736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172691

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.400	0.395		ug/L		99	51 - 138	1	23
4,4'-DDE	0.400	0.359		ug/L		90	45 - 133	5	22
4,4'-DDT	0.400	0.351		ug/L		88	50 - 136	11	24
Aldrin	0.400	0.346		ug/L		87	40 - 125	3	25
alpha-BHC	0.400	0.359		ug/L		90	52 - 125	2	24
alpha-Chlordane	0.400	0.312		ug/L		78	52 - 133	2	23
beta-BHC	0.400	0.378		ug/L		95	51 - 135	2	24
delta-BHC	0.400	0.371		ug/L		93	51 - 132	2	24
Dieldrin	0.400	0.385		ug/L		96	49 - 136	5	24
Endosulfan I	0.400	0.387		ug/L		97	51 - 134	0	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 480-172691/3-A
Matrix: Water
Analysis Batch: 172736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172691

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endosulfan II			0.400	0.402		ug/L		100	52 - 138	0	40
Endosulfan sulfate			0.400	0.420		ug/L		105	47 - 136	0	24
Endrin			0.400	0.377		ug/L		94	52 - 143	0	24
Endrin aldehyde			0.400	0.385		ug/L		96	46 - 134	3	28
Endrin ketone			0.400	0.438		ug/L		109	51 - 138	0	26
gamma-BHC (Lindane)			0.400	0.370		ug/L		93	56 - 127	2	24
gamma-Chlordane			0.400	0.334		ug/L		83	52 - 128	2	24
Heptachlor			0.400	0.393		ug/L		98	51 - 125	1	25
Heptachlor epoxide			0.400	0.398		ug/L		99	50 - 140	1	23
Methoxychlor			0.400	0.495		ug/L		124	50 - 151	6	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*20 - 120*
Tetrachloro-m-xylene	*80*		*36 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-172700/1-A
Matrix: Water
Analysis Batch: 172723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172700

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 17:29	1
PCB-1221	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 17:29	1
PCB-1232	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 17:29	1
PCB-1242	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 17:29	1
PCB-1248	ND		0.50	0.18	ug/L		03/29/14 08:08	03/30/14 17:29	1
PCB-1254	ND		0.50	0.25	ug/L		03/29/14 08:08	03/30/14 17:29	1
PCB-1260	ND		0.50	0.25	ug/L		03/29/14 08:08	03/30/14 17:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*19 - 126*	*03/29/14 08:08*	*03/30/14 17:29*	*1*
Tetrachloro-m-xylene	*102*		*23 - 127*	*03/29/14 08:08*	*03/30/14 17:29*	*1*

Lab Sample ID: LCS 480-172700/2-A
Matrix: Water
Analysis Batch: 172723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172700

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			4.00	3.78		ug/L		95	51 - 137		
PCB-1260			4.00	3.73		ug/L		93	45 - 139		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*57*		*19 - 126*
Tetrachloro-m-xylene	*113*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 480-172700/3-A
Matrix: Water
Analysis Batch: 172723

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172700

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			4.00	3.71		ug/L		93	51 - 137	2	50
PCB-1260			4.00	3.75		ug/L		94	45 - 139	1	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*56*		*19 - 126*
Tetrachloro-m-xylene	*114*		*23 - 127*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-172755/1-A
Matrix: Water
Analysis Batch: 173347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172755

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/31/14 09:45	04/01/14 21:49	1
Antimony	ND		0.020	0.0068	mg/L		03/31/14 09:45	04/01/14 21:49	1
Arsenic	ND		0.010	0.0056	mg/L		03/31/14 09:45	04/01/14 21:49	1
Barium	ND		0.0020	0.00070	mg/L		03/31/14 09:45	04/01/14 21:49	1
Beryllium	ND		0.0020	0.00030	mg/L		03/31/14 09:45	04/01/14 21:49	1
Cadmium	ND		0.0010	0.00050	mg/L		03/31/14 09:45	04/01/14 21:49	1
Calcium	ND		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 21:49	1
Chromium	ND		0.0040	0.0010	mg/L		03/31/14 09:45	04/01/14 21:49	1
Cobalt	ND		0.0040	0.00063	mg/L		03/31/14 09:45	04/01/14 21:49	1
Copper	ND		0.010	0.0016	mg/L		03/31/14 09:45	04/01/14 21:49	1
Iron	ND		0.050	0.019	mg/L		03/31/14 09:45	04/01/14 21:49	1
Lead	ND		0.0050	0.0030	mg/L		03/31/14 09:45	04/01/14 21:49	1
Magnesium	ND		0.20	0.043	mg/L		03/31/14 09:45	04/01/14 21:49	1
Manganese	ND		0.0030	0.00040	mg/L		03/31/14 09:45	04/01/14 21:49	1
Nickel	ND		0.010	0.0013	mg/L		03/31/14 09:45	04/01/14 21:49	1
Potassium	ND		0.50	0.10	mg/L		03/31/14 09:45	04/01/14 21:49	1
Selenium	ND		0.015	0.0087	mg/L		03/31/14 09:45	04/01/14 21:49	1
Silver	ND		0.0030	0.0017	mg/L		03/31/14 09:45	04/01/14 21:49	1
Sodium	ND		1.0	0.32	mg/L		03/31/14 09:45	04/01/14 21:49	1
Thallium	ND		0.020	0.010	mg/L		03/31/14 09:45	04/01/14 21:49	1
Vanadium	ND		0.0050	0.0015	mg/L		03/31/14 09:45	04/01/14 21:49	1
Zinc	ND		0.010	0.0015	mg/L		03/31/14 09:45	04/01/14 21:49	1

Lab Sample ID: LCS 480-172755/2-A
Matrix: Water
Analysis Batch: 173347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172755

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum			10.0	9.88		mg/L		99	80 - 120
Antimony			0.200	0.196		mg/L		98	80 - 120
Arsenic			0.200	0.203		mg/L		101	80 - 120
Barium			0.200	0.201		mg/L		100	80 - 120
Beryllium			0.200	0.199		mg/L		100	80 - 120
Cadmium			0.200	0.192		mg/L		96	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-172755/2-A
Matrix: Water
Analysis Batch: 173347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172755

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10.0	9.55		mg/L		95	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Cobalt	0.200	0.192		mg/L		96	80 - 120
Copper	0.200	0.194		mg/L		97	80 - 120
Iron	10.0	9.59		mg/L		96	80 - 120
Lead	0.200	0.193		mg/L		96	80 - 120
Magnesium	10.0	9.89		mg/L		99	80 - 120
Manganese	0.200	0.197		mg/L		99	80 - 120
Nickel	0.200	0.191		mg/L		95	80 - 120
Potassium	10.0	9.84		mg/L		98	80 - 120
Selenium	0.200	0.195		mg/L		97	80 - 120
Silver	0.0500	0.0475		mg/L		95	80 - 120
Sodium	10.0	9.70		mg/L		97	80 - 120
Thallium	0.200	0.196		mg/L		98	80 - 120
Vanadium	0.200	0.195		mg/L		98	80 - 120
Zinc	0.200	0.194		mg/L		97	80 - 120

Method: 7470A_ASP - Mercury (CVAA)

Lab Sample ID: MB 480-172777/1-A
Matrix: Water
Analysis Batch: 172965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/31/14 09:15	03/31/14 12:53	1

Lab Sample ID: LCS 480-172777/2-A
Matrix: Water
Analysis Batch: 172965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00630		mg/L		94	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-174031/1-A
Matrix: Water
Analysis Batch: 174096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		04/04/14 16:00	04/05/14 13:06	1

Lab Sample ID: LCS 480-174031/2-A
Matrix: Water
Analysis Batch: 174096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.248		mg/L		99	90 - 110

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 480-56862-5 DU
Matrix: Water
Analysis Batch: 174096

Client Sample ID: DUP
Prep Type: Total/NA
Prep Batch: 174031

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Total	0.023			0.0240		mg/L				3	15

GC/MS VOA

Analysis Batch: 173766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	8260C	
480-56862-2	S2	Total/NA	Water	8260C	
480-56862-3	S3	Total/NA	Water	8260C	
480-56862-3 MS	S3	Total/NA	Water	8260C	
480-56862-3 MSD	S3	Total/NA	Water	8260C	
480-56862-4	S4	Total/NA	Water	8260C	
480-56862-5	DUP	Total/NA	Water	8260C	
480-56862-6	RW4	Total/NA	Water	8260C	
480-56862-7	RW5	Total/NA	Water	8260C	
LCS 480-173766/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-173766/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 173059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	3510C	
480-56862-2	S2	Total/NA	Water	3510C	
480-56862-3	S3	Total/NA	Water	3510C	
480-56862-4	S4	Total/NA	Water	3510C	
480-56862-5	DUP	Total/NA	Water	3510C	
480-56862-6	RW4	Total/NA	Water	3510C	
480-56862-7	RW5	Total/NA	Water	3510C	
LCS 480-173059/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-173059/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 173429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	8270D	173059
480-56862-2	S2	Total/NA	Water	8270D	173059
480-56862-3	S3	Total/NA	Water	8270D	173059
480-56862-4	S4	Total/NA	Water	8270D	173059
480-56862-5	DUP	Total/NA	Water	8270D	173059
480-56862-6	RW4	Total/NA	Water	8270D	173059
480-56862-7	RW5	Total/NA	Water	8270D	173059
LCS 480-173059/2-A	Lab Control Sample	Total/NA	Water	8270D	173059
MB 480-173059/1-A	Method Blank	Total/NA	Water	8270D	173059

GC Semi VOA

Prep Batch: 172691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	3510C	
480-56862-2	S2	Total/NA	Water	3510C	
480-56862-3	S3	Total/NA	Water	3510C	
480-56862-4	S4	Total/NA	Water	3510C	
480-56862-5	DUP	Total/NA	Water	3510C	
LCS 480-172691/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-172691/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-172691/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 172700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	3510C	
480-56862-2	S2	Total/NA	Water	3510C	
480-56862-3	S3	Total/NA	Water	3510C	
480-56862-4	S4	Total/NA	Water	3510C	
480-56862-5	DUP	Total/NA	Water	3510C	
480-56862-6	RW4	Total/NA	Water	3510C	
480-56862-7	RW5	Total/NA	Water	3510C	
LCS 480-172700/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-172700/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-172700/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 172723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	8082A	172700
480-56862-2	S2	Total/NA	Water	8082A	172700
480-56862-3	S3	Total/NA	Water	8082A	172700
480-56862-4	S4	Total/NA	Water	8082A	172700
480-56862-5	DUP	Total/NA	Water	8082A	172700
480-56862-6	RW4	Total/NA	Water	8082A	172700
480-56862-7	RW5	Total/NA	Water	8082A	172700
LCS 480-172700/2-A	Lab Control Sample	Total/NA	Water	8082A	172700
LCSD 480-172700/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	172700
MB 480-172700/1-A	Method Blank	Total/NA	Water	8082A	172700

Analysis Batch: 172736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	8081B	172691
480-56862-2	S2	Total/NA	Water	8081B	172691
480-56862-3	S3	Total/NA	Water	8081B	172691
480-56862-4	S4	Total/NA	Water	8081B	172691
480-56862-5	DUP	Total/NA	Water	8081B	172691
LCS 480-172691/2-A	Lab Control Sample	Total/NA	Water	8081B	172691
LCSD 480-172691/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	172691
MB 480-172691/1-A	Method Blank	Total/NA	Water	8081B	172691

Metals

Prep Batch: 172755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	3005A	
480-56862-2	S2	Total/NA	Water	3005A	
480-56862-3	S3	Total/NA	Water	3005A	
480-56862-4	S4	Total/NA	Water	3005A	
480-56862-5	DUP	Total/NA	Water	3005A	
LCS 480-172755/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-172755/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 172777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 172777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-2	S2	Total/NA	Water	7470A	
480-56862-3	S3	Total/NA	Water	7470A	
480-56862-4	S4	Total/NA	Water	7470A	
480-56862-5	DUP	Total/NA	Water	7470A	
LCS 480-172777/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-172777/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 172965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	7470A_ASP	172777
480-56862-2	S2	Total/NA	Water	7470A_ASP	172777
480-56862-3	S3	Total/NA	Water	7470A_ASP	172777
480-56862-4	S4	Total/NA	Water	7470A_ASP	172777
480-56862-5	DUP	Total/NA	Water	7470A_ASP	172777
LCS 480-172777/2-A	Lab Control Sample	Total/NA	Water	7470A_ASP	172777
MB 480-172777/1-A	Method Blank	Total/NA	Water	7470A_ASP	172777

Analysis Batch: 173347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	6010C	172755
480-56862-2	S2	Total/NA	Water	6010C	172755
480-56862-3	S3	Total/NA	Water	6010C	172755
480-56862-4	S4	Total/NA	Water	6010C	172755
480-56862-5	DUP	Total/NA	Water	6010C	172755
LCS 480-172755/2-A	Lab Control Sample	Total/NA	Water	6010C	172755
MB 480-172755/1-A	Method Blank	Total/NA	Water	6010C	172755

General Chemistry

Prep Batch: 174031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	9012B	
480-56862-2	S2	Total/NA	Water	9012B	
480-56862-3	S3	Total/NA	Water	9012B	
480-56862-4	S4	Total/NA	Water	9012B	
480-56862-5	DUP	Total/NA	Water	9012B	
480-56862-5 DU	DUP	Total/NA	Water	9012B	
LCS 480-174031/2-A	Lab Control Sample	Total/NA	Water	9012B	
MB 480-174031/1-A	Method Blank	Total/NA	Water	9012B	

Analysis Batch: 174096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-56862-1	S1	Total/NA	Water	9012B	174031
480-56862-2	S2	Total/NA	Water	9012B	174031
480-56862-3	S3	Total/NA	Water	9012B	174031
480-56862-4	S4	Total/NA	Water	9012B	174031
480-56862-5	DUP	Total/NA	Water	9012B	174031
480-56862-5 DU	DUP	Total/NA	Water	9012B	174031
LCS 480-174031/2-A	Lab Control Sample	Total/NA	Water	9012B	174031
MB 480-174031/1-A	Method Blank	Total/NA	Water	9012B	174031

Client Sample ID: S1

Lab Sample ID: 480-56862-1

Date Collected: 03/28/14 09:20

Matrix: Water

Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173766	04/04/14 03:21	RAL	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 22:28	AR1	TAL BUF
Total/NA	Prep	3510C			172691	03/29/14 07:57	TRG	TAL BUF
Total/NA	Analysis	8081B		1	172736	03/30/14 12:08	LMW	TAL BUF
Total/NA	Prep	3510C			172700	03/29/14 08:08	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 19:20	JMM	TAL BUF
Total/NA	Prep	3005A			172755	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173347	04/01/14 23:00	HTL	TAL BUF
Total/NA	Prep	7470A			172777	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A_ASP		1	172965	03/31/14 13:17	LRK	TAL BUF
Total/NA	Prep	9012B			174031	04/04/14 16:00	JMB	TAL BUF
Total/NA	Analysis	9012B		1	174096	04/05/14 13:08	NCH	TAL BUF

Client Sample ID: S2

Lab Sample ID: 480-56862-2

Date Collected: 03/28/14 09:35

Matrix: Water

Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173766	04/04/14 03:44	RAL	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 22:52	AR1	TAL BUF
Total/NA	Prep	3510C			172691	03/29/14 07:57	TRG	TAL BUF
Total/NA	Analysis	8081B		1	172736	03/30/14 12:26	LMW	TAL BUF
Total/NA	Prep	3510C			172700	03/29/14 08:08	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 19:36	JMM	TAL BUF
Total/NA	Prep	3005A			172755	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173347	04/01/14 23:03	HTL	TAL BUF
Total/NA	Prep	7470A			172777	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A_ASP		1	172965	03/31/14 13:19	LRK	TAL BUF
Total/NA	Prep	9012B			174031	04/04/14 16:00	JMB	TAL BUF
Total/NA	Analysis	9012B		1	174096	04/05/14 13:09	NCH	TAL BUF

Client Sample ID: S3

Lab Sample ID: 480-56862-3

Date Collected: 03/28/14 10:00

Matrix: Water

Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173766	04/04/14 04:08	RAL	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 23:16	AR1	TAL BUF
Total/NA	Prep	3510C			172691	03/29/14 07:57	TRG	TAL BUF
Total/NA	Analysis	8081B		1	172736	03/30/14 12:43	LMW	TAL BUF

Client Sample ID: S3

Lab Sample ID: 480-56862-3

Date Collected: 03/28/14 10:00

Matrix: Water

Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			172700	03/29/14 08:08	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 19:52	JMM	TAL BUF
Total/NA	Prep	3005A			172755	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173347	04/01/14 23:05	HTL	TAL BUF
Total/NA	Prep	7470A			172777	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A_ASP		1	172965	03/31/14 13:20	LRK	TAL BUF
Total/NA	Prep	9012B			174031	04/04/14 16:00	JMB	TAL BUF
Total/NA	Analysis	9012B		1	174096	04/05/14 13:10	NCH	TAL BUF

Client Sample ID: S4

Lab Sample ID: 480-56862-4

Date Collected: 03/28/14 10:20

Matrix: Water

Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173766	04/04/14 05:17	RAL	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/02/14 23:40	AR1	TAL BUF
Total/NA	Prep	3510C			172691	03/29/14 07:57	TRG	TAL BUF
Total/NA	Analysis	8081B		1	172736	03/30/14 13:01	LMW	TAL BUF
Total/NA	Prep	3510C			172700	03/29/14 08:08	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 20:40	JMM	TAL BUF
Total/NA	Prep	3005A			172755	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173347	04/01/14 23:08	HTL	TAL BUF
Total/NA	Prep	7470A			172777	03/31/14 09:15	LRK	TAL BUF
Total/NA	Analysis	7470A_ASP		1	172965	03/31/14 13:22	LRK	TAL BUF
Total/NA	Prep	9012B			174031	04/04/14 16:00	JMB	TAL BUF
Total/NA	Analysis	9012B		1	174096	04/05/14 13:10	NCH	TAL BUF

Client Sample ID: DUP

Lab Sample ID: 480-56862-5

Date Collected: 03/28/14 00:00

Matrix: Water

Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173766	04/04/14 05:41	RAL	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/03/14 00:04	AR1	TAL BUF
Total/NA	Prep	3510C			172691	03/29/14 07:57	TRG	TAL BUF
Total/NA	Analysis	8081B		1	172736	03/30/14 13:19	LMW	TAL BUF
Total/NA	Prep	3510C			172700	03/29/14 08:08	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 20:56	JMM	TAL BUF
Total/NA	Prep	3005A			172755	03/31/14 09:45	EHD	TAL BUF
Total/NA	Analysis	6010C		1	173347	04/01/14 23:11	HTL	TAL BUF
Total/NA	Prep	7470A			172777	03/31/14 09:15	LRK	TAL BUF

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Client Sample ID: DUP

Lab Sample ID: 480-56862-5

Date Collected: 03/28/14 00:00
Matrix: Water
Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7470A_ASP		1	172965	03/31/14 13:24	LRK	TAL BUF
Total/NA	Prep	9012B			174031	04/04/14 16:00	JMB	TAL BUF
Total/NA	Analysis	9012B		1	174096	04/05/14 13:11	NCH	TAL BUF

Client Sample ID: RW4

Lab Sample ID: 480-56862-6

Date Collected: 03/28/14 13:35
Matrix: Water
Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173766	04/04/14 06:03	RAL	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/03/14 00:28	AR1	TAL BUF
Total/NA	Prep	3510C			172700	03/29/14 08:08	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 21:12	JMM	TAL BUF

Client Sample ID: RW5

Lab Sample ID: 480-56862-7

Date Collected: 03/28/14 14:20
Matrix: Water
Date Received: 03/28/14 15:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	173766	04/04/14 06:27	RAL	TAL BUF
Total/NA	Prep	3510C			173059	04/01/14 07:37	MRB	TAL BUF
Total/NA	Analysis	8270D		1	173429	04/03/14 00:53	AR1	TAL BUF
Total/NA	Prep	3510C			172700	03/29/14 08:08	TRG	TAL BUF
Total/NA	Analysis	8082A		1	172723	03/30/14 21:28	JMM	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	State Program	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14 *
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14 *
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14 *
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	03-31-14 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A_ASP	Mercury (CVAA)	SW846	TAL BUF
9012B	Cyanide, Total andor Amenable	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-56862-1	S1	Water	03/28/14 09:20	03/28/14 15:17
480-56862-2	S2	Water	03/28/14 09:35	03/28/14 15:17
480-56862-3	S3	Water	03/28/14 10:00	03/28/14 15:17
480-56862-4	S4	Water	03/28/14 10:20	03/28/14 15:17
480-56862-5	DUP	Water	03/28/14 00:00	03/28/14 15:17
480-56862-6	RW4	Water	03/28/14 13:35	03/28/14 15:17
480-56862-7	RW5	Water	03/28/14 14:20	03/28/14 15:17

Detection Limit Exceptions Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-56862-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
6010C	Water	Arsenic	mg/L	0.010	0.015
6010C	Water	Cadmium	mg/L	0.0010	0.002
6010C	Water	Lead	mg/L	0.0050	0.01
6010C	Water	Selenium	mg/L	0.015	0.025
6010C	Water	Silver	mg/L	0.0030	0.006

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
GES	Steve Leiffer	3/28/14	270948
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
495 Aero Drive, Suite 3	1 800 287 7857		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Cheektowaga / NY / 14225		Judy Store	
Project Name and Location (State)	**Carrier/Waybill Number**		
Cherry Farm			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8270D	8082A	8081B	9012B	7470A/6010C	8260C	Special Instructions/ Conditions of Receipt
S1	3/28/14	920		X			6	1	1	3			2	2	2	1	1	3	
S2	3/25/14	935		X			6	1	1	3			2	2	2	1	1	3	
S3	3/28/14	1000		X			6	1	1	9			2	2	2	1	1	9	MS/MSD (X) 3x vol VOA
S4	3/28/14	1020		X			6	1	1	3			2	2	2	1	1	3	
DUP	3/28/14	—		X			6	1	1	3			2	2	2	1	1	3	
RW4	3/28/14	1335		X			4			3			2	2	0	0	0	3	
RW5	3/28/14	1420		X			4			3			2	2	0	0	0	3	
* Triple Volume VOAs collected at S3 for MS/MSD (X)																			

480-56862 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (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 STD

QC Requirements (Specify)

1. Relinquished By: Nicki / GES	Date: 3/28/14	Time: 1517	1. Received By:	Date: 3/28/14	Time: 1517
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: Temp 3.6 4.2 #1

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

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-56862-1

Login Number: 56862

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ges
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	Yes: Samples checked, no residual chlorine detected

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-70616-1
Client Project/Site: Cherry Farms Annual GW Sample

For:
Groundwater & Environmental Services Inc
495 Aero Drive
Suite 3
Cheektowaga, New York 14225

Attn: Thomas Palmer

Joseph V. Giacomazza

Authorized for release by:
11/14/2014 12:33:27 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-70616-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-70616-1

Receipt
The samples were received on 11/3/2014 4:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.0º C and 4.2º C.

Except:

No time of collection was provided. Time of 00:00 was used for sample login.

GC/MS VOA
Method(s) 8260C: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: MW-5 (480-70616-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: MW-5 (480-70616-9). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 212378 was outside the method criteria for the following analyte: Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method(s) 8270D: The large number of analytes included in the continuing calibration verification (CCV) for batch 212378 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria. (CCVIS 480-212378/4), Dup (480-70616-2), MW-1 (480-70616-6), MW-2 (480-70616-5), MW-3 (480-70616-7), MW-4 (480-70616-8), MW-6 (480-70616-3), MW-7 (480-70616-4)

Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 211819 recovered outside control limits for the following analytes: Several.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: MW-6 (480-70616-3). These results have been reported and qualified.

Method(s) 8270D: The following analytes have been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: 3,3'-Dichlorobenzidine, . These analytes may have a %D >60% if the average %D of all the analytes in the continuing calibration verification (CCV) is 30%: (CCVIS 480-213641/3), MW-4 (480-70616-8), MW-5 (480-70616-9).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: MW-5 (480-70616-9). These results have been reported and qualified.

Method(s) 8270D: Surrogate recovery for the following sample was outside control limits: MW-4 (480-70616-8). Evidence of matrix interference is present. The associated sample was re-analyzed and confirmed matrix.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Job ID: 480-70616-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 211825.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 211819.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 211969.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: Trip Blank — Lab Sample ID: 480-70616-1

No Detections.

Client Sample ID: Dup — Lab Sample ID: 480-70616-2

No Detections.

Client Sample ID: MW-6 — Lab Sample ID: 480-70616-3

No Detections.

Client Sample ID: MW-7 — Lab Sample ID: 480-70616-4

No Detections.

Client Sample ID: MW-2 — Lab Sample ID: 480-70616-5

No Detections.

Client Sample ID: MW-1 — Lab Sample ID: 480-70616-6

No Detections.

Client Sample ID: MW-3 — Lab Sample ID: 480-70616-7

No Detections.

Client Sample ID: MW-4 — Lab Sample ID: 480-70616-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 480-70616-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.8	J	5.0	2.1	ug/L	5		8260C	Total/NA
Bis(2-ethylhexyl) phthalate	1.9	J B *	4.6	1.6	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Trip Blank

Lab Sample ID: 480-70616-1

Date Collected: 11/03/14 00:00

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 12:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 12:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 12:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 12:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 12:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 12:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 12:46	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 12:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 12:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 12:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 12:46	1
Acetone	ND		10	3.0	ug/L			11/13/14 12:46	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 12:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 12:46	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 12:46	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 12:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 12:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 12:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 12:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 12:46	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 12:46	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 12:46	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 12:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 12:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 12:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 12:46	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 12:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 12:46	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 12:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 12:46	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 12:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 12:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*11/13/14 12:46*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*		*11/13/14 12:46*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*11/13/14 12:46*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*		*11/13/14 12:46*	*1*

Client Sample ID: Dup

Lab Sample ID: 480-70616-2

Date Collected: 11/03/14 00:00

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 13:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 13:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 13:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 13:08	1

Client Sample ID: Dup
Date Collected: 11/03/14 00:00
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 13:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 13:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 13:08	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 13:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 13:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 13:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 13:08	1
Acetone	ND		10	3.0	ug/L			11/13/14 13:08	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 13:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 13:08	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 13:08	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 13:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 13:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 13:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 13:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 13:08	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 13:08	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 13:08	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 13:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 13:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 13:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 13:08	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 13:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 13:08	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 13:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 13:08	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 13:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 13:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*11/13/14 13:08*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*11/13/14 13:08*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*11/13/14 13:08*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*11/13/14 13:08*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/14 07:41	11/06/14 13:56	1
1,2,4-Trichlorobenzene	ND		9.9	0.44	ug/L		11/04/14 07:41	11/06/14 13:56	1
2,4,5-Trichlorophenol	ND	*	5.0	0.48	ug/L		11/04/14 07:41	11/06/14 13:56	1
1,2-Dichlorobenzene	ND		9.9	0.40	ug/L		11/04/14 07:41	11/06/14 13:56	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/14 07:41	11/06/14 13:56	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/14 07:41	11/06/14 13:56	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/14 07:41	11/06/14 13:56	1
1,3-Dichlorobenzene	ND		9.9	0.48	ug/L		11/04/14 07:41	11/06/14 13:56	1
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		11/04/14 07:41	11/06/14 13:56	1
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L		11/04/14 07:41	11/06/14 13:56	1
1,4-Dichlorobenzene	ND		9.9	0.46	ug/L		11/04/14 07:41	11/06/14 13:56	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		11/04/14 07:41	11/06/14 13:56	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: Dup
Date Collected: 11/03/14 00:00
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/14 07:41	11/06/14 13:56	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/14 07:41	11/06/14 13:56	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/14 07:41	11/06/14 13:56	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 13:56	1
2-Nitroaniline	ND		9.9	0.42	ug/L		11/04/14 07:41	11/06/14 13:56	1
2-Nitrophenol	ND	*	5.0	0.48	ug/L		11/04/14 07:41	11/06/14 13:56	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 13:56	1
3-Nitroaniline	ND	*	9.9	0.48	ug/L		11/04/14 07:41	11/06/14 13:56	1
4,6-Dinitro-2-methylphenol	ND	*	9.9	2.2	ug/L		11/04/14 07:41	11/06/14 13:56	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		11/04/14 07:41	11/06/14 13:56	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/14 07:41	11/06/14 13:56	1
4-Chloroaniline	ND	*	5.0	0.59	ug/L		11/04/14 07:41	11/06/14 13:56	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/14 07:41	11/06/14 13:56	1
4-Methylphenol	ND		9.9	0.36	ug/L		11/04/14 07:41	11/06/14 13:56	1
4-Nitroaniline	ND		9.9	0.25	ug/L		11/04/14 07:41	11/06/14 13:56	1
4-Nitrophenol	ND		9.9	1.5	ug/L		11/04/14 07:41	11/06/14 13:56	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/14 07:41	11/06/14 13:56	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		11/04/14 07:41	11/06/14 13:56	1
Anthracene	ND	*	5.0	0.28	ug/L		11/04/14 07:41	11/06/14 13:56	1
Benzo[a]anthracene	ND	*	5.0	0.36	ug/L		11/04/14 07:41	11/06/14 13:56	1
Benzo[a]pyrene	ND	*	5.0	0.47	ug/L		11/04/14 07:41	11/06/14 13:56	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		11/04/14 07:41	11/06/14 13:56	1
Benzo[g,h,i]perylene	ND	*	5.0	0.35	ug/L		11/04/14 07:41	11/06/14 13:56	1
Benzo[k]fluoranthene	ND		5.0	0.72	ug/L		11/04/14 07:41	11/06/14 13:56	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/14 07:41	11/06/14 13:56	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 13:56	1
Bis(2-ethylhexyl) phthalate	ND	*	5.0	1.8	ug/L		11/04/14 07:41	11/06/14 13:56	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/04/14 07:41	11/06/14 13:56	1
Carbazole	ND	*	5.0	0.30	ug/L		11/04/14 07:41	11/06/14 13:56	1
Chrysene	ND		5.0	0.33	ug/L		11/04/14 07:41	11/06/14 13:56	1
Di-n-butyl phthalate	ND	*	5.0	0.31	ug/L		11/04/14 07:41	11/06/14 13:56	1
Di-n-octyl phthalate	ND	*	5.0	0.47	ug/L		11/04/14 07:41	11/06/14 13:56	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		11/04/14 07:41	11/06/14 13:56	1
Dibenzofuran	ND	*	9.9	0.51	ug/L		11/04/14 07:41	11/06/14 13:56	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		11/04/14 07:41	11/06/14 13:56	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		11/04/14 07:41	11/06/14 13:56	1
Fluoranthene	ND	*	5.0	0.40	ug/L		11/04/14 07:41	11/06/14 13:56	1
Fluorene	ND	*	5.0	0.36	ug/L		11/04/14 07:41	11/06/14 13:56	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		11/04/14 07:41	11/06/14 13:56	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/14 07:41	11/06/14 13:56	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/14 07:41	11/06/14 13:56	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/14 07:41	11/06/14 13:56	1
Indeno[1,2,3-cd]pyrene	ND	*	5.0	0.47	ug/L		11/04/14 07:41	11/06/14 13:56	1
Isophorone	ND		5.0	0.43	ug/L		11/04/14 07:41	11/06/14 13:56	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/14 07:41	11/06/14 13:56	1
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		11/04/14 07:41	11/06/14 13:56	1
Naphthalene	ND		5.0	0.75	ug/L		11/04/14 07:41	11/06/14 13:56	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/14 07:41	11/06/14 13:56	1
Pentachlorophenol	ND		9.9	2.2	ug/L		11/04/14 07:41	11/06/14 13:56	1

Client Sample ID: Dup

Lab Sample ID: 480-70616-2

Date Collected: 11/03/14 00:00

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND	*	5.0	0.44	ug/L		11/04/14 07:41	11/06/14 13:56	1
Phenol	ND		5.0	0.39	ug/L		11/04/14 07:41	11/06/14 13:56	1
Pyrene	ND		5.0	0.34	ug/L		11/04/14 07:41	11/06/14 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*79*		*52 - 132*	*11/04/14 07:41*	*11/06/14 13:56*	*1*
2-Fluorobiphenyl	*77*		*48 - 120*	*11/04/14 07:41*	*11/06/14 13:56*	*1*
2-Fluorophenol	*88*		*20 - 120*	*11/04/14 07:41*	*11/06/14 13:56*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*11/04/14 07:41*	*11/06/14 13:56*	*1*
p-Terphenyl-d14	*71*		*67 - 150*	*11/04/14 07:41*	*11/06/14 13:56*	*1*
Phenol-d5	*56*		*16 - 120*	*11/04/14 07:41*	*11/06/14 13:56*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		11/04/14 14:27	11/06/14 01:47	1
PCB-1221	ND		0.45	0.16	ug/L		11/04/14 14:27	11/06/14 01:47	1
PCB-1232	ND		0.45	0.16	ug/L		11/04/14 14:27	11/06/14 01:47	1
PCB-1242	ND		0.45	0.16	ug/L		11/04/14 14:27	11/06/14 01:47	1
PCB-1248	ND		0.45	0.16	ug/L		11/04/14 14:27	11/06/14 01:47	1
PCB-1254	ND		0.45	0.23	ug/L		11/04/14 14:27	11/06/14 01:47	1
PCB-1260	ND		0.45	0.23	ug/L		11/04/14 14:27	11/06/14 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*19 - 126*	*11/04/14 14:27*	*11/06/14 01:47*	*1*
Tetrachloro-m-xylene	*79*		*23 - 127*	*11/04/14 14:27*	*11/06/14 01:47*	*1*

Client Sample ID: MW-6

Lab Sample ID: 480-70616-3

Date Collected: 11/03/14 10:50

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 13:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 13:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 13:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 13:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 13:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 13:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 13:35	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 13:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 13:35	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 13:35	1
Acetone	ND		10	3.0	ug/L			11/13/14 13:35	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 13:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 13:35	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 13:35	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 13:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 13:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 13:35	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-6
Date Collected: 11/03/14 10:50
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 13:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 13:35	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 13:35	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 13:35	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 13:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 13:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 13:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 13:35	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 13:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 13:35	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 13:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 13:35	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 13:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 13:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*11/13/14 13:35*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*11/13/14 13:35*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*11/13/14 13:35*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*11/13/14 13:35*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.6	0.58	ug/L		11/04/14 07:41	11/06/14 14:22	1
1,2,4-Trichlorobenzene	ND		11	0.49	ug/L		11/04/14 07:41	11/06/14 14:22	1
2,4,5-Trichlorophenol	ND	*	5.6	0.53	ug/L		11/04/14 07:41	11/06/14 14:22	1
1,2-Dichlorobenzene	ND		11	0.45	ug/L		11/04/14 07:41	11/06/14 14:22	1
2,4,6-Trichlorophenol	ND		5.6	0.68	ug/L		11/04/14 07:41	11/06/14 14:22	1
2,4-Dichlorophenol	ND		5.6	0.57	ug/L		11/04/14 07:41	11/06/14 14:22	1
2,4-Dimethylphenol	ND		5.6	0.56	ug/L		11/04/14 07:41	11/06/14 14:22	1
1,3-Dichlorobenzene	ND		11	0.53	ug/L		11/04/14 07:41	11/06/14 14:22	1
2,4-Dinitrophenol	ND		11	2.5	ug/L		11/04/14 07:41	11/06/14 14:22	1
2,4-Dinitrotoluene	ND		5.6	0.50	ug/L		11/04/14 07:41	11/06/14 14:22	1
1,4-Dichlorobenzene	ND		11	0.51	ug/L		11/04/14 07:41	11/06/14 14:22	1
2,6-Dinitrotoluene	ND	*	5.6	0.45	ug/L		11/04/14 07:41	11/06/14 14:22	1
2-Chloronaphthalene	ND		5.6	0.51	ug/L		11/04/14 07:41	11/06/14 14:22	1
2-Chlorophenol	ND		5.6	0.59	ug/L		11/04/14 07:41	11/06/14 14:22	1
2-Methylnaphthalene	ND		5.6	0.67	ug/L		11/04/14 07:41	11/06/14 14:22	1
2-Methylphenol	ND		5.6	0.45	ug/L		11/04/14 07:41	11/06/14 14:22	1
2-Nitroaniline	ND		11	0.47	ug/L		11/04/14 07:41	11/06/14 14:22	1
2-Nitrophenol	ND	*	5.6	0.53	ug/L		11/04/14 07:41	11/06/14 14:22	1
3,3'-Dichlorobenzidine	ND		5.6	0.45	ug/L		11/04/14 07:41	11/06/14 14:22	1
3-Nitroaniline	ND	*	11	0.53	ug/L		11/04/14 07:41	11/06/14 14:22	1
4,6-Dinitro-2-methylphenol	ND	*	11	2.5	ug/L		11/04/14 07:41	11/06/14 14:22	1
4-Bromophenyl phenyl ether	ND	*	5.6	0.50	ug/L		11/04/14 07:41	11/06/14 14:22	1
4-Chloro-3-methylphenol	ND		5.6	0.50	ug/L		11/04/14 07:41	11/06/14 14:22	1
4-Chloroaniline	ND	*	5.6	0.66	ug/L		11/04/14 07:41	11/06/14 14:22	1
4-Chlorophenyl phenyl ether	ND		5.6	0.39	ug/L		11/04/14 07:41	11/06/14 14:22	1
4-Methylphenol	ND		11	0.40	ug/L		11/04/14 07:41	11/06/14 14:22	1

Client Sample ID: MW-6
Date Collected: 11/03/14 10:50
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		11	0.28	ug/L		11/04/14 07:41	11/06/14 14:22	1
4-Nitrophenol	ND		11	1.7	ug/L		11/04/14 07:41	11/06/14 14:22	1
Acenaphthene	ND		5.6	0.46	ug/L		11/04/14 07:41	11/06/14 14:22	1
Acenaphthylene	ND	*	5.6	0.42	ug/L		11/04/14 07:41	11/06/14 14:22	1
Anthracene	ND	*	5.6	0.31	ug/L		11/04/14 07:41	11/06/14 14:22	1
Benzo[a]anthracene	ND	*	5.6	0.40	ug/L		11/04/14 07:41	11/06/14 14:22	1
Benzo[a]pyrene	ND	*	5.6	0.52	ug/L		11/04/14 07:41	11/06/14 14:22	1
Benzo[b]fluoranthene	ND		5.6	0.38	ug/L		11/04/14 07:41	11/06/14 14:22	1
Benzo[g,h,i]perylene	ND	*	5.6	0.39	ug/L		11/04/14 07:41	11/06/14 14:22	1
Benzo[k]fluoranthene	ND		5.6	0.81	ug/L		11/04/14 07:41	11/06/14 14:22	1
Bis(2-chloroethoxy)methane	ND		5.6	0.39	ug/L		11/04/14 07:41	11/06/14 14:22	1
Bis(2-chloroethyl)ether	ND		5.6	0.45	ug/L		11/04/14 07:41	11/06/14 14:22	1
Bis(2-ethylhexyl) phthalate	ND	*	5.6	2.0	ug/L		11/04/14 07:41	11/06/14 14:22	1
Butyl benzyl phthalate	ND		5.6	0.47	ug/L		11/04/14 07:41	11/06/14 14:22	1
Carbazole	ND	*	5.6	0.33	ug/L		11/04/14 07:41	11/06/14 14:22	1
Chrysene	ND		5.6	0.37	ug/L		11/04/14 07:41	11/06/14 14:22	1
Di-n-butyl phthalate	ND	*	5.6	0.35	ug/L		11/04/14 07:41	11/06/14 14:22	1
Di-n-octyl phthalate	ND	*	5.6	0.52	ug/L		11/04/14 07:41	11/06/14 14:22	1
Dibenz(a,h)anthracene	ND	*	5.6	0.47	ug/L		11/04/14 07:41	11/06/14 14:22	1
Dibenzofuran	ND	*	11	0.57	ug/L		11/04/14 07:41	11/06/14 14:22	1
Diethyl phthalate	ND	*	5.6	0.25	ug/L		11/04/14 07:41	11/06/14 14:22	1
Dimethyl phthalate	ND	*	5.6	0.40	ug/L		11/04/14 07:41	11/06/14 14:22	1
Fluoranthene	ND	*	5.6	0.45	ug/L		11/04/14 07:41	11/06/14 14:22	1
Fluorene	ND	*	5.6	0.40	ug/L		11/04/14 07:41	11/06/14 14:22	1
Hexachlorobenzene	ND	*	5.6	0.57	ug/L		11/04/14 07:41	11/06/14 14:22	1
Hexachlorobutadiene	ND		5.6	0.76	ug/L		11/04/14 07:41	11/06/14 14:22	1
Hexachlorocyclopentadiene	ND		5.6	0.66	ug/L		11/04/14 07:41	11/06/14 14:22	1
Hexachloroethane	ND		5.6	0.66	ug/L		11/04/14 07:41	11/06/14 14:22	1
Indeno[1,2,3-cd]pyrene	ND	*	5.6	0.52	ug/L		11/04/14 07:41	11/06/14 14:22	1
Isophorone	ND		5.6	0.48	ug/L		11/04/14 07:41	11/06/14 14:22	1
N-Nitrosodi-n-propylamine	ND		5.6	0.60	ug/L		11/04/14 07:41	11/06/14 14:22	1
N-Nitrosodiphenylamine	ND	*	5.6	0.57	ug/L		11/04/14 07:41	11/06/14 14:22	1
Naphthalene	ND		5.6	0.85	ug/L		11/04/14 07:41	11/06/14 14:22	1
Nitrobenzene	ND		5.6	0.32	ug/L		11/04/14 07:41	11/06/14 14:22	1
Pentachlorophenol	ND		11	2.5	ug/L		11/04/14 07:41	11/06/14 14:22	1
Phenanthrene	ND	*	5.6	0.49	ug/L		11/04/14 07:41	11/06/14 14:22	1
Phenol	ND		5.6	0.43	ug/L		11/04/14 07:41	11/06/14 14:22	1
Pyrene	ND		5.6	0.38	ug/L		11/04/14 07:41	11/06/14 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 132*	*11/04/14 07:41*	*11/06/14 14:22*	*1*
2-Fluorobiphenyl	*63*		*48 - 120*	*11/04/14 07:41*	*11/06/14 14:22*	*1*
2-Fluorophenol	*69*		*20 - 120*	*11/04/14 07:41*	*11/06/14 14:22*	*1*
Nitrobenzene-d5	*56*		*46 - 120*	*11/04/14 07:41*	*11/06/14 14:22*	*1*
p-Terphenyl-d14	*64*	*X*	*67 - 150*	*11/04/14 07:41*	*11/06/14 14:22*	*1*
Phenol-d5	*47*		*16 - 120*	*11/04/14 07:41*	*11/06/14 14:22*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		11/04/14 14:27	11/06/14 02:02	1

Client Sample ID: MW-6

Lab Sample ID: 480-70616-3

Date Collected: 11/03/14 10:50

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.47	0.17	ug/L		11/04/14 14:27	11/06/14 02:02	1
PCB-1232	ND		0.47	0.17	ug/L		11/04/14 14:27	11/06/14 02:02	1
PCB-1242	ND		0.47	0.17	ug/L		11/04/14 14:27	11/06/14 02:02	1
PCB-1248	ND		0.47	0.17	ug/L		11/04/14 14:27	11/06/14 02:02	1
PCB-1254	ND		0.47	0.24	ug/L		11/04/14 14:27	11/06/14 02:02	1
PCB-1260	ND		0.47	0.24	ug/L		11/04/14 14:27	11/06/14 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*19 - 126*	*11/04/14 14:27*	*11/06/14 02:02*	*1*
Tetrachloro-m-xylene	*80*		*23 - 127*	*11/04/14 14:27*	*11/06/14 02:02*	*1*

Client Sample ID: MW-7

Lab Sample ID: 480-70616-4

Date Collected: 11/03/14 11:30

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 13:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 13:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 13:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 13:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 13:58	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 13:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 13:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 13:58	1
Acetone	ND		10	3.0	ug/L			11/13/14 13:58	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 13:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 13:58	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 13:58	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 13:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 13:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 13:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 13:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 13:58	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 13:58	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 13:58	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 13:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 13:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 13:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 13:58	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 13:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 13:58	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 13:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 13:58	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 13:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 13:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 13:58	1

Client Sample ID: MW-7
Date Collected: 11/03/14 11:30
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*11/13/14 13:58*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*11/13/14 13:58*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*11/13/14 13:58*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*		*11/13/14 13:58*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/04/14 07:41	11/06/14 14:48	1
1,2,4-Trichlorobenzene	ND		9.2	0.40	ug/L		11/04/14 07:41	11/06/14 14:48	1
2,4,5-Trichlorophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/06/14 14:48	1
1,2-Dichlorobenzene	ND		9.2	0.37	ug/L		11/04/14 07:41	11/06/14 14:48	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/04/14 07:41	11/06/14 14:48	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/04/14 07:41	11/06/14 14:48	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/04/14 07:41	11/06/14 14:48	1
1,3-Dichlorobenzene	ND		9.2	0.44	ug/L		11/04/14 07:41	11/06/14 14:48	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/04/14 07:41	11/06/14 14:48	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/04/14 07:41	11/06/14 14:48	1
1,4-Dichlorobenzene	ND		9.2	0.42	ug/L		11/04/14 07:41	11/06/14 14:48	1
2,6-Dinitrotoluene	ND	*	4.6	0.37	ug/L		11/04/14 07:41	11/06/14 14:48	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/04/14 07:41	11/06/14 14:48	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/04/14 07:41	11/06/14 14:48	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/04/14 07:41	11/06/14 14:48	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/04/14 07:41	11/06/14 14:48	1
2-Nitroaniline	ND		9.2	0.39	ug/L		11/04/14 07:41	11/06/14 14:48	1
2-Nitrophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/06/14 14:48	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/04/14 07:41	11/06/14 14:48	1
3-Nitroaniline	ND	*	9.2	0.44	ug/L		11/04/14 07:41	11/06/14 14:48	1
4,6-Dinitro-2-methylphenol	ND	*	9.2	2.0	ug/L		11/04/14 07:41	11/06/14 14:48	1
4-Bromophenyl phenyl ether	ND	*	4.6	0.41	ug/L		11/04/14 07:41	11/06/14 14:48	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/04/14 07:41	11/06/14 14:48	1
4-Chloroaniline	ND	*	4.6	0.54	ug/L		11/04/14 07:41	11/06/14 14:48	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/04/14 07:41	11/06/14 14:48	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/04/14 07:41	11/06/14 14:48	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/04/14 07:41	11/06/14 14:48	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/04/14 07:41	11/06/14 14:48	1
Acenaphthene	ND		4.6	0.38	ug/L		11/04/14 07:41	11/06/14 14:48	1
Acenaphthylene	ND	*	4.6	0.35	ug/L		11/04/14 07:41	11/06/14 14:48	1
Anthracene	ND	*	4.6	0.26	ug/L		11/04/14 07:41	11/06/14 14:48	1
Benzo[a]anthracene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/06/14 14:48	1
Benzo[a]pyrene	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/06/14 14:48	1
Benzo[b]fluoranthene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/06/14 14:48	1
Benzo[g,h,i]perylene	ND	*	4.6	0.32	ug/L		11/04/14 07:41	11/06/14 14:48	1
Benzo[k]fluoranthene	ND		4.6	0.67	ug/L		11/04/14 07:41	11/06/14 14:48	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/04/14 07:41	11/06/14 14:48	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/04/14 07:41	11/06/14 14:48	1
Bis(2-ethylhexyl) phthalate	ND	*	4.6	1.7	ug/L		11/04/14 07:41	11/06/14 14:48	1
Butyl benzyl phthalate	ND		4.6	0.39	ug/L		11/04/14 07:41	11/06/14 14:48	1
Carbazole	ND	*	4.6	0.28	ug/L		11/04/14 07:41	11/06/14 14:48	1
Chrysene	ND		4.6	0.30	ug/L		11/04/14 07:41	11/06/14 14:48	1
Di-n-butyl phthalate	ND	*	4.6	0.29	ug/L		11/04/14 07:41	11/06/14 14:48	1

Client Sample ID: MW-7
Date Collected: 11/03/14 11:30
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/06/14 14:48	1
Dibenz(a,h)anthracene	ND	*	4.6	0.39	ug/L		11/04/14 07:41	11/06/14 14:48	1
Dibenzofuran	ND	*	9.2	0.47	ug/L		11/04/14 07:41	11/06/14 14:48	1
Diethyl phthalate	ND	*	4.6	0.20	ug/L		11/04/14 07:41	11/06/14 14:48	1
Dimethyl phthalate	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/06/14 14:48	1
Fluoranthene	ND	*	4.6	0.37	ug/L		11/04/14 07:41	11/06/14 14:48	1
Fluorene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/06/14 14:48	1
Hexachlorobenzene	ND	*	4.6	0.47	ug/L		11/04/14 07:41	11/06/14 14:48	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/04/14 07:41	11/06/14 14:48	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/04/14 07:41	11/06/14 14:48	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/04/14 07:41	11/06/14 14:48	1
Indeno[1,2,3-cd]pyrene	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/06/14 14:48	1
Isophorone	ND		4.6	0.40	ug/L		11/04/14 07:41	11/06/14 14:48	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/04/14 07:41	11/06/14 14:48	1
N-Nitrosodiphenylamine	ND	*	4.6	0.47	ug/L		11/04/14 07:41	11/06/14 14:48	1
Naphthalene	ND		4.6	0.70	ug/L		11/04/14 07:41	11/06/14 14:48	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/04/14 07:41	11/06/14 14:48	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/04/14 07:41	11/06/14 14:48	1
Phenanthrene	ND	*	4.6	0.40	ug/L		11/04/14 07:41	11/06/14 14:48	1
Phenol	ND		4.6	0.36	ug/L		11/04/14 07:41	11/06/14 14:48	1
Pyrene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/06/14 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*52 - 132*	*11/04/14 07:41*	*11/06/14 14:48*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*11/04/14 07:41*	*11/06/14 14:48*	*1*
2-Fluorophenol	*98*		*20 - 120*	*11/04/14 07:41*	*11/06/14 14:48*	*1*
Nitrobenzene-d5	*93*		*46 - 120*	*11/04/14 07:41*	*11/06/14 14:48*	*1*
p-Terphenyl-d14	*80*		*67 - 150*	*11/04/14 07:41*	*11/06/14 14:48*	*1*
Phenol-d5	*59*		*16 - 120*	*11/04/14 07:41*	*11/06/14 14:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:17	1
PCB-1221	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:17	1
PCB-1232	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:17	1
PCB-1242	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:17	1
PCB-1248	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:17	1
PCB-1254	ND		0.48	0.24	ug/L		11/04/14 14:27	11/06/14 02:17	1
PCB-1260	ND		0.48	0.24	ug/L		11/04/14 14:27	11/06/14 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*19 - 126*	*11/04/14 14:27*	*11/06/14 02:17*	*1*
Tetrachloro-m-xylene	*69*		*23 - 127*	*11/04/14 14:27*	*11/06/14 02:17*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-2
Date Collected: 11/03/14 12:05
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 14:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 14:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 14:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 14:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 14:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 14:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 14:21	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 14:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 14:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 14:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 14:21	1
Acetone	ND		10	3.0	ug/L			11/13/14 14:21	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 14:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 14:21	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 14:21	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 14:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 14:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 14:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 14:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 14:21	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 14:21	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 14:21	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 14:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 14:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 14:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 14:21	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 14:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 14:21	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 14:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 14:21	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 14:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 14:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*11/13/14 14:21*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*11/13/14 14:21*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*11/13/14 14:21*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*11/13/14 14:21*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/14 07:41	11/06/14 15:15	1
1,2,4-Trichlorobenzene	ND		9.9	0.44	ug/L		11/04/14 07:41	11/06/14 15:15	1
2,4,5-Trichlorophenol	ND	*	5.0	0.48	ug/L		11/04/14 07:41	11/06/14 15:15	1
1,2-Dichlorobenzene	ND		9.9	0.40	ug/L		11/04/14 07:41	11/06/14 15:15	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/14 07:41	11/06/14 15:15	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/14 07:41	11/06/14 15:15	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/14 07:41	11/06/14 15:15	1
1,3-Dichlorobenzene	ND		9.9	0.48	ug/L		11/04/14 07:41	11/06/14 15:15	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-2
Date Collected: 11/03/14 12:05
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		11/04/14 07:41	11/06/14 15:15	1
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L		11/04/14 07:41	11/06/14 15:15	1
1,4-Dichlorobenzene	ND		9.9	0.46	ug/L		11/04/14 07:41	11/06/14 15:15	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		11/04/14 07:41	11/06/14 15:15	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/14 07:41	11/06/14 15:15	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/14 07:41	11/06/14 15:15	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/14 07:41	11/06/14 15:15	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 15:15	1
2-Nitroaniline	ND		9.9	0.42	ug/L		11/04/14 07:41	11/06/14 15:15	1
2-Nitrophenol	ND	*	5.0	0.48	ug/L		11/04/14 07:41	11/06/14 15:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 15:15	1
3-Nitroaniline	ND	*	9.9	0.48	ug/L		11/04/14 07:41	11/06/14 15:15	1
4,6-Dinitro-2-methylphenol	ND	*	9.9	2.2	ug/L		11/04/14 07:41	11/06/14 15:15	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		11/04/14 07:41	11/06/14 15:15	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/14 07:41	11/06/14 15:15	1
4-Chloroaniline	ND	*	5.0	0.59	ug/L		11/04/14 07:41	11/06/14 15:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/14 07:41	11/06/14 15:15	1
4-Methylphenol	ND		9.9	0.36	ug/L		11/04/14 07:41	11/06/14 15:15	1
4-Nitroaniline	ND		9.9	0.25	ug/L		11/04/14 07:41	11/06/14 15:15	1
4-Nitrophenol	ND		9.9	1.5	ug/L		11/04/14 07:41	11/06/14 15:15	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/14 07:41	11/06/14 15:15	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		11/04/14 07:41	11/06/14 15:15	1
Anthracene	ND	*	5.0	0.28	ug/L		11/04/14 07:41	11/06/14 15:15	1
Benzo[a]anthracene	ND	*	5.0	0.36	ug/L		11/04/14 07:41	11/06/14 15:15	1
Benzo[a]pyrene	ND	*	5.0	0.47	ug/L		11/04/14 07:41	11/06/14 15:15	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		11/04/14 07:41	11/06/14 15:15	1
Benzo[g,h,i]perylene	ND	*	5.0	0.35	ug/L		11/04/14 07:41	11/06/14 15:15	1
Benzo[k]fluoranthene	ND		5.0	0.72	ug/L		11/04/14 07:41	11/06/14 15:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/14 07:41	11/06/14 15:15	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 15:15	1
Bis(2-ethylhexyl) phthalate	ND	*	5.0	1.8	ug/L		11/04/14 07:41	11/06/14 15:15	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/04/14 07:41	11/06/14 15:15	1
Carbazole	ND	*	5.0	0.30	ug/L		11/04/14 07:41	11/06/14 15:15	1
Chrysene	ND		5.0	0.33	ug/L		11/04/14 07:41	11/06/14 15:15	1
Di-n-butyl phthalate	ND	*	5.0	0.31	ug/L		11/04/14 07:41	11/06/14 15:15	1
Di-n-octyl phthalate	ND	*	5.0	0.47	ug/L		11/04/14 07:41	11/06/14 15:15	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		11/04/14 07:41	11/06/14 15:15	1
Dibenzofuran	ND	*	9.9	0.51	ug/L		11/04/14 07:41	11/06/14 15:15	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		11/04/14 07:41	11/06/14 15:15	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		11/04/14 07:41	11/06/14 15:15	1
Fluoranthene	ND	*	5.0	0.40	ug/L		11/04/14 07:41	11/06/14 15:15	1
Fluorene	ND	*	5.0	0.36	ug/L		11/04/14 07:41	11/06/14 15:15	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		11/04/14 07:41	11/06/14 15:15	1
Hexachlorobutadiene	ND		5.0	0.67	ug/L		11/04/14 07:41	11/06/14 15:15	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/14 07:41	11/06/14 15:15	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/14 07:41	11/06/14 15:15	1
Indeno[1,2,3-cd]pyrene	ND	*	5.0	0.47	ug/L		11/04/14 07:41	11/06/14 15:15	1
Isophorone	ND		5.0	0.43	ug/L		11/04/14 07:41	11/06/14 15:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/14 07:41	11/06/14 15:15	1

Client Sample ID: MW-2

Lab Sample ID: 480-70616-5

Date Collected: 11/03/14 12:05

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		11/04/14 07:41	11/06/14 15:15	1
Naphthalene	ND		5.0	0.75	ug/L		11/04/14 07:41	11/06/14 15:15	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/14 07:41	11/06/14 15:15	1
Pentachlorophenol	ND		9.9	2.2	ug/L		11/04/14 07:41	11/06/14 15:15	1
Phenanthrene	ND	*	5.0	0.44	ug/L		11/04/14 07:41	11/06/14 15:15	1
Phenol	ND		5.0	0.39	ug/L		11/04/14 07:41	11/06/14 15:15	1
Pyrene	ND		5.0	0.34	ug/L		11/04/14 07:41	11/06/14 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*52 - 132*	*11/04/14 07:41*	*11/06/14 15:15*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*11/04/14 07:41*	*11/06/14 15:15*	*1*
2-Fluorophenol	*89*		*20 - 120*	*11/04/14 07:41*	*11/06/14 15:15*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*11/04/14 07:41*	*11/06/14 15:15*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*11/04/14 07:41*	*11/06/14 15:15*	*1*
Phenol-d5	*54*		*16 - 120*	*11/04/14 07:41*	*11/06/14 15:15*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:32	1
PCB-1221	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:32	1
PCB-1232	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:32	1
PCB-1242	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:32	1
PCB-1248	ND		0.48	0.17	ug/L		11/04/14 14:27	11/06/14 02:32	1
PCB-1254	ND		0.48	0.24	ug/L		11/04/14 14:27	11/06/14 02:32	1
PCB-1260	ND		0.48	0.24	ug/L		11/04/14 14:27	11/06/14 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*19 - 126*	*11/04/14 14:27*	*11/06/14 02:32*	*1*
Tetrachloro-m-xylene	*56*		*23 - 127*	*11/04/14 14:27*	*11/06/14 02:32*	*1*

Client Sample ID: MW-1

Lab Sample ID: 480-70616-6

Date Collected: 11/03/14 12:40

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 14:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 14:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 14:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 14:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 14:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 14:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 14:43	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 14:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 14:43	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 14:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 14:43	1
Acetone	ND		10	3.0	ug/L			11/13/14 14:43	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 14:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 14:43	1

Client Sample ID: MW-1
Date Collected: 11/03/14 12:40
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			11/13/14 14:43	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 14:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 14:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 14:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 14:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 14:43	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 14:43	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 14:43	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 14:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 14:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 14:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 14:43	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 14:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 14:43	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 14:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 14:43	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 14:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 14:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*11/13/14 14:43*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*11/13/14 14:43*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*11/13/14 14:43*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*11/13/14 14:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		11/04/14 07:41	11/06/14 15:41	1
1,2,4-Trichlorobenzene	ND		9.7	0.43	ug/L		11/04/14 07:41	11/06/14 15:41	1
2,4,5-Trichlorophenol	ND	*	4.9	0.47	ug/L		11/04/14 07:41	11/06/14 15:41	1
1,2-Dichlorobenzene	ND		9.7	0.39	ug/L		11/04/14 07:41	11/06/14 15:41	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		11/04/14 07:41	11/06/14 15:41	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		11/04/14 07:41	11/06/14 15:41	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		11/04/14 07:41	11/06/14 15:41	1
1,3-Dichlorobenzene	ND		9.7	0.47	ug/L		11/04/14 07:41	11/06/14 15:41	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		11/04/14 07:41	11/06/14 15:41	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		11/04/14 07:41	11/06/14 15:41	1
1,4-Dichlorobenzene	ND		9.7	0.45	ug/L		11/04/14 07:41	11/06/14 15:41	1
2,6-Dinitrotoluene	ND	*	4.9	0.39	ug/L		11/04/14 07:41	11/06/14 15:41	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		11/04/14 07:41	11/06/14 15:41	1
2-Chlorophenol	ND		4.9	0.52	ug/L		11/04/14 07:41	11/06/14 15:41	1
2-Methylnaphthalene	ND		4.9	0.58	ug/L		11/04/14 07:41	11/06/14 15:41	1
2-Methylphenol	ND		4.9	0.39	ug/L		11/04/14 07:41	11/06/14 15:41	1
2-Nitroaniline	ND		9.7	0.41	ug/L		11/04/14 07:41	11/06/14 15:41	1
2-Nitrophenol	ND	*	4.9	0.47	ug/L		11/04/14 07:41	11/06/14 15:41	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		11/04/14 07:41	11/06/14 15:41	1
3-Nitroaniline	ND	*	9.7	0.47	ug/L		11/04/14 07:41	11/06/14 15:41	1
4,6-Dinitro-2-methylphenol	ND	*	9.7	2.1	ug/L		11/04/14 07:41	11/06/14 15:41	1
4-Bromophenyl phenyl ether	ND	*	4.9	0.44	ug/L		11/04/14 07:41	11/06/14 15:41	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-1
Date Collected: 11/03/14 12:40
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		11/04/14 07:41	11/06/14 15:41	1
4-Chloroaniline	ND	*	4.9	0.57	ug/L		11/04/14 07:41	11/06/14 15:41	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		11/04/14 07:41	11/06/14 15:41	1
4-Methylphenol	ND		9.7	0.35	ug/L		11/04/14 07:41	11/06/14 15:41	1
4-Nitroaniline	ND		9.7	0.24	ug/L		11/04/14 07:41	11/06/14 15:41	1
4-Nitrophenol	ND		9.7	1.5	ug/L		11/04/14 07:41	11/06/14 15:41	1
Acenaphthene	ND		4.9	0.40	ug/L		11/04/14 07:41	11/06/14 15:41	1
Acenaphthylene	ND	*	4.9	0.37	ug/L		11/04/14 07:41	11/06/14 15:41	1
Anthracene	ND	*	4.9	0.27	ug/L		11/04/14 07:41	11/06/14 15:41	1
Benzo[a]anthracene	ND	*	4.9	0.35	ug/L		11/04/14 07:41	11/06/14 15:41	1
Benzo[a]pyrene	ND	*	4.9	0.46	ug/L		11/04/14 07:41	11/06/14 15:41	1
Benzo[b]fluoranthene	ND		4.9	0.33	ug/L		11/04/14 07:41	11/06/14 15:41	1
Benzo[g,h,i]perylene	ND	*	4.9	0.34	ug/L		11/04/14 07:41	11/06/14 15:41	1
Benzo[k]fluoranthene	ND		4.9	0.71	ug/L		11/04/14 07:41	11/06/14 15:41	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		11/04/14 07:41	11/06/14 15:41	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		11/04/14 07:41	11/06/14 15:41	1
Bis(2-ethylhexyl) phthalate	ND	*	4.9	1.8	ug/L		11/04/14 07:41	11/06/14 15:41	1
Butyl benzyl phthalate	ND		4.9	0.41	ug/L		11/04/14 07:41	11/06/14 15:41	1
Carbazole	ND	*	4.9	0.29	ug/L		11/04/14 07:41	11/06/14 15:41	1
Chrysene	ND		4.9	0.32	ug/L		11/04/14 07:41	11/06/14 15:41	1
Di-n-butyl phthalate	ND	*	4.9	0.30	ug/L		11/04/14 07:41	11/06/14 15:41	1
Di-n-octyl phthalate	ND	*	4.9	0.46	ug/L		11/04/14 07:41	11/06/14 15:41	1
Dibenz(a,h)anthracene	ND	*	4.9	0.41	ug/L		11/04/14 07:41	11/06/14 15:41	1
Dibenzofuran	ND	*	9.7	0.50	ug/L		11/04/14 07:41	11/06/14 15:41	1
Diethyl phthalate	ND	*	4.9	0.21	ug/L		11/04/14 07:41	11/06/14 15:41	1
Dimethyl phthalate	ND	*	4.9	0.35	ug/L		11/04/14 07:41	11/06/14 15:41	1
Fluoranthene	ND	*	4.9	0.39	ug/L		11/04/14 07:41	11/06/14 15:41	1
Fluorene	ND	*	4.9	0.35	ug/L		11/04/14 07:41	11/06/14 15:41	1
Hexachlorobenzene	ND	*	4.9	0.50	ug/L		11/04/14 07:41	11/06/14 15:41	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		11/04/14 07:41	11/06/14 15:41	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		11/04/14 07:41	11/06/14 15:41	1
Hexachloroethane	ND		4.9	0.57	ug/L		11/04/14 07:41	11/06/14 15:41	1
Indeno[1,2,3-cd]pyrene	ND	*	4.9	0.46	ug/L		11/04/14 07:41	11/06/14 15:41	1
Isophorone	ND		4.9	0.42	ug/L		11/04/14 07:41	11/06/14 15:41	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		11/04/14 07:41	11/06/14 15:41	1
N-Nitrosodiphenylamine	ND	*	4.9	0.50	ug/L		11/04/14 07:41	11/06/14 15:41	1
Naphthalene	ND		4.9	0.74	ug/L		11/04/14 07:41	11/06/14 15:41	1
Nitrobenzene	ND		4.9	0.28	ug/L		11/04/14 07:41	11/06/14 15:41	1
Pentachlorophenol	ND		9.7	2.1	ug/L		11/04/14 07:41	11/06/14 15:41	1
Phenanthrene	ND	*	4.9	0.43	ug/L		11/04/14 07:41	11/06/14 15:41	1
Phenol	ND		4.9	0.38	ug/L		11/04/14 07:41	11/06/14 15:41	1
Pyrene	ND		4.9	0.33	ug/L		11/04/14 07:41	11/06/14 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 132*	*11/04/14 07:41*	*11/06/14 15:41*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*11/04/14 07:41*	*11/06/14 15:41*	*1*
2-Fluorophenol	*99*		*20 - 120*	*11/04/14 07:41*	*11/06/14 15:41*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*11/04/14 07:41*	*11/06/14 15:41*	*1*
p-Terphenyl-d14	*85*		*67 - 150*	*11/04/14 07:41*	*11/06/14 15:41*	*1*
Phenol-d5	*62*		*16 - 120*	*11/04/14 07:41*	*11/06/14 15:41*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-1

Lab Sample ID: 480-70616-6

Date Collected: 11/03/14 12:40

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 02:47	1
PCB-1221	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 02:47	1
PCB-1232	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 02:47	1
PCB-1242	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 02:47	1
PCB-1248	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 02:47	1
PCB-1254	ND		0.47	0.23	ug/L		11/04/14 14:27	11/06/14 02:47	1
PCB-1260	ND		0.47	0.23	ug/L		11/04/14 14:27	11/06/14 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*19 - 126*	*11/04/14 14:27*	*11/06/14 02:47*	*1*
Tetrachloro-m-xylene	*75*		*23 - 127*	*11/04/14 14:27*	*11/06/14 02:47*	*1*

Client Sample ID: MW-3

Lab Sample ID: 480-70616-7

Date Collected: 11/03/14 13:35

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 15:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 15:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 15:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 15:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 15:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 15:06	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 15:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 15:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 15:06	1
Acetone	ND		10	3.0	ug/L			11/13/14 15:06	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 15:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 15:06	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 15:06	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 15:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 15:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 15:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 15:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 15:06	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 15:06	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 15:06	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 15:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 15:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 15:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 15:06	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 15:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 15:06	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 15:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 15:06	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 15:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 15:06	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-3
Date Collected: 11/03/14 13:35
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*11/13/14 15:06*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*11/13/14 15:06*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*11/13/14 15:06*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*		*11/13/14 15:06*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.47	ug/L		11/04/14 07:41	11/06/14 16:08	1
1,2,4-Trichlorobenzene	ND		9.1	0.40	ug/L		11/04/14 07:41	11/06/14 16:08	1
2,4,5-Trichlorophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/06/14 16:08	1
1,2-Dichlorobenzene	ND		9.1	0.36	ug/L		11/04/14 07:41	11/06/14 16:08	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/04/14 07:41	11/06/14 16:08	1
2,4-Dichlorophenol	ND		4.6	0.46	ug/L		11/04/14 07:41	11/06/14 16:08	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/04/14 07:41	11/06/14 16:08	1
1,3-Dichlorobenzene	ND		9.1	0.44	ug/L		11/04/14 07:41	11/06/14 16:08	1
2,4-Dinitrophenol	ND		9.1	2.0	ug/L		11/04/14 07:41	11/06/14 16:08	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/04/14 07:41	11/06/14 16:08	1
1,4-Dichlorobenzene	ND		9.1	0.42	ug/L		11/04/14 07:41	11/06/14 16:08	1
2,6-Dinitrotoluene	ND	*	4.6	0.36	ug/L		11/04/14 07:41	11/06/14 16:08	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/04/14 07:41	11/06/14 16:08	1
2-Chlorophenol	ND		4.6	0.48	ug/L		11/04/14 07:41	11/06/14 16:08	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/04/14 07:41	11/06/14 16:08	1
2-Methylphenol	ND		4.6	0.36	ug/L		11/04/14 07:41	11/06/14 16:08	1
2-Nitroaniline	ND		9.1	0.38	ug/L		11/04/14 07:41	11/06/14 16:08	1
2-Nitrophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/06/14 16:08	1
3,3'-Dichlorobenzidine	ND		4.6	0.36	ug/L		11/04/14 07:41	11/06/14 16:08	1
3-Nitroaniline	ND	*	9.1	0.44	ug/L		11/04/14 07:41	11/06/14 16:08	1
4,6-Dinitro-2-methylphenol	ND	*	9.1	2.0	ug/L		11/04/14 07:41	11/06/14 16:08	1
4-Bromophenyl phenyl ether	ND	*	4.6	0.41	ug/L		11/04/14 07:41	11/06/14 16:08	1
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/04/14 07:41	11/06/14 16:08	1
4-Chloroaniline	ND	*	4.6	0.54	ug/L		11/04/14 07:41	11/06/14 16:08	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/04/14 07:41	11/06/14 16:08	1
4-Methylphenol	ND		9.1	0.33	ug/L		11/04/14 07:41	11/06/14 16:08	1
4-Nitroaniline	ND		9.1	0.23	ug/L		11/04/14 07:41	11/06/14 16:08	1
4-Nitrophenol	ND		9.1	1.4	ug/L		11/04/14 07:41	11/06/14 16:08	1
Acenaphthene	ND		4.6	0.37	ug/L		11/04/14 07:41	11/06/14 16:08	1
Acenaphthylene	ND	*	4.6	0.35	ug/L		11/04/14 07:41	11/06/14 16:08	1
Anthracene	ND	*	4.6	0.26	ug/L		11/04/14 07:41	11/06/14 16:08	1
Benzo[a]anthracene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/06/14 16:08	1
Benzo[a]pyrene	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/06/14 16:08	1
Benzo[b]fluoranthene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/06/14 16:08	1
Benzo[g,h,i]perylene	ND	*	4.6	0.32	ug/L		11/04/14 07:41	11/06/14 16:08	1
Benzo[k]fluoranthene	ND		4.6	0.67	ug/L		11/04/14 07:41	11/06/14 16:08	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/04/14 07:41	11/06/14 16:08	1
Bis(2-chloroethyl)ether	ND		4.6	0.36	ug/L		11/04/14 07:41	11/06/14 16:08	1
Bis(2-ethylhexyl) phthalate	ND	*	4.6	1.6	ug/L		11/04/14 07:41	11/06/14 16:08	1
Butyl benzyl phthalate	ND		4.6	0.38	ug/L		11/04/14 07:41	11/06/14 16:08	1

Client Sample ID: MW-3
Date Collected: 11/03/14 13:35
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	ND	*	4.6	0.27	ug/L		11/04/14 07:41	11/06/14 16:08	1
Chrysene	ND		4.6	0.30	ug/L		11/04/14 07:41	11/06/14 16:08	1
Di-n-butyl phthalate	ND	*	4.6	0.28	ug/L		11/04/14 07:41	11/06/14 16:08	1
Di-n-octyl phthalate	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/06/14 16:08	1
Dibenz(a,h)anthracene	ND	*	4.6	0.38	ug/L		11/04/14 07:41	11/06/14 16:08	1
Dibenzofuran	ND	*	9.1	0.46	ug/L		11/04/14 07:41	11/06/14 16:08	1
Diethyl phthalate	ND	*	4.6	0.20	ug/L		11/04/14 07:41	11/06/14 16:08	1
Dimethyl phthalate	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/06/14 16:08	1
Fluoranthene	ND	*	4.6	0.36	ug/L		11/04/14 07:41	11/06/14 16:08	1
Fluorene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/06/14 16:08	1
Hexachlorobenzene	ND	*	4.6	0.46	ug/L		11/04/14 07:41	11/06/14 16:08	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		11/04/14 07:41	11/06/14 16:08	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/04/14 07:41	11/06/14 16:08	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/04/14 07:41	11/06/14 16:08	1
Indeno[1,2,3-cd]pyrene	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/06/14 16:08	1
Isophorone	ND		4.6	0.39	ug/L		11/04/14 07:41	11/06/14 16:08	1
N-Nitrosodi-n-propylamine	ND		4.6	0.49	ug/L		11/04/14 07:41	11/06/14 16:08	1
N-Nitrosodiphenylamine	ND	*	4.6	0.46	ug/L		11/04/14 07:41	11/06/14 16:08	1
Naphthalene	ND		4.6	0.69	ug/L		11/04/14 07:41	11/06/14 16:08	1
Nitrobenzene	ND		4.6	0.26	ug/L		11/04/14 07:41	11/06/14 16:08	1
Pentachlorophenol	ND		9.1	2.0	ug/L		11/04/14 07:41	11/06/14 16:08	1
Phenanthrene	ND	*	4.6	0.40	ug/L		11/04/14 07:41	11/06/14 16:08	1
Phenol	ND		4.6	0.36	ug/L		11/04/14 07:41	11/06/14 16:08	1
Pyrene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/06/14 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*52 - 132*	*11/04/14 07:41*	*11/06/14 16:08*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*11/04/14 07:41*	*11/06/14 16:08*	*1*
2-Fluorophenol	*103*		*20 - 120*	*11/04/14 07:41*	*11/06/14 16:08*	*1*
Nitrobenzene-d5	*90*		*46 - 120*	*11/04/14 07:41*	*11/06/14 16:08*	*1*
p-Terphenyl-d14	*84*		*67 - 150*	*11/04/14 07:41*	*11/06/14 16:08*	*1*
Phenol-d5	*61*		*16 - 120*	*11/04/14 07:41*	*11/06/14 16:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.17	ug/L		11/04/14 14:27	11/06/14 03:02	1
PCB-1221	ND		0.50	0.17	ug/L		11/04/14 14:27	11/06/14 03:02	1
PCB-1232	ND		0.50	0.17	ug/L		11/04/14 14:27	11/06/14 03:02	1
PCB-1242	ND		0.50	0.17	ug/L		11/04/14 14:27	11/06/14 03:02	1
PCB-1248	ND		0.50	0.17	ug/L		11/04/14 14:27	11/06/14 03:02	1
PCB-1254	ND		0.50	0.25	ug/L		11/04/14 14:27	11/06/14 03:02	1
PCB-1260	ND		0.50	0.25	ug/L		11/04/14 14:27	11/06/14 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*19 - 126*	*11/04/14 14:27*	*11/06/14 03:02*	*1*
Tetrachloro-m-xylene	*67*		*23 - 127*	*11/04/14 14:27*	*11/06/14 03:02*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-4
Date Collected: 11/03/14 14:30
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 15:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 15:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 15:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 15:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 15:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 15:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 15:29	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 15:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 15:29	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 15:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 15:29	1
Acetone	**3.1**	**J**	10	3.0	ug/L			11/13/14 15:29	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 15:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 15:29	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 15:29	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 15:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 15:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 15:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 15:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 15:29	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 15:29	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 15:29	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 15:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 15:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 15:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 15:29	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 15:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 15:29	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 15:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 15:29	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 15:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 15:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*11/13/14 15:29*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*11/13/14 15:29*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*11/13/14 15:29*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*		*11/13/14 15:29*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/04/14 07:41	11/13/14 00:33	1
1,2,4-Trichlorobenzene	ND		9.3	0.41	ug/L		11/04/14 07:41	11/13/14 00:33	1
2,4,5-Trichlorophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/13/14 00:33	1
1,2-Dichlorobenzene	ND		9.3	0.37	ug/L		11/04/14 07:41	11/13/14 00:33	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/04/14 07:41	11/13/14 00:33	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/04/14 07:41	11/13/14 00:33	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/04/14 07:41	11/13/14 00:33	1
1,3-Dichlorobenzene	ND		9.3	0.44	ug/L		11/04/14 07:41	11/13/14 00:33	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-4
Date Collected: 11/03/14 14:30
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-8
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/04/14 07:41	11/13/14 00:33	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/04/14 07:41	11/13/14 00:33	1
1,4-Dichlorobenzene	ND		9.3	0.43	ug/L		11/04/14 07:41	11/13/14 00:33	1
2,6-Dinitrotoluene	ND	*	4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:33	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		11/04/14 07:41	11/13/14 00:33	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/04/14 07:41	11/13/14 00:33	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		11/04/14 07:41	11/13/14 00:33	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:33	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/04/14 07:41	11/13/14 00:33	1
2-Nitrophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/13/14 00:33	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:33	1
3-Nitroaniline	ND	*	9.3	0.44	ug/L		11/04/14 07:41	11/13/14 00:33	1
4,6-Dinitro-2-methylphenol	ND	*	9.3	2.0	ug/L		11/04/14 07:41	11/13/14 00:33	1
4-Bromophenyl phenyl ether	ND	*	4.6	0.42	ug/L		11/04/14 07:41	11/13/14 00:33	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		11/04/14 07:41	11/13/14 00:33	1
4-Chloroaniline	ND	*	4.6	0.55	ug/L		11/04/14 07:41	11/13/14 00:33	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/04/14 07:41	11/13/14 00:33	1
4-Methylphenol	ND		9.3	0.33	ug/L		11/04/14 07:41	11/13/14 00:33	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/04/14 07:41	11/13/14 00:33	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/04/14 07:41	11/13/14 00:33	1
Acenaphthene	ND		4.6	0.38	ug/L		11/04/14 07:41	11/13/14 00:33	1
Acenaphthylene	ND	*	4.6	0.35	ug/L		11/04/14 07:41	11/13/14 00:33	1
Anthracene	ND	*	4.6	0.26	ug/L		11/04/14 07:41	11/13/14 00:33	1
Benzo[a]anthracene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/13/14 00:33	1
Benzo[a]pyrene	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/13/14 00:33	1
Benzo[b]fluoranthene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/13/14 00:33	1
Benzo[g,h,i]perylene	ND	*	4.6	0.32	ug/L		11/04/14 07:41	11/13/14 00:33	1
Benzo[k]fluoranthene	ND		4.6	0.68	ug/L		11/04/14 07:41	11/13/14 00:33	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/04/14 07:41	11/13/14 00:33	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:33	1
Bis(2-ethylhexyl) phthalate	ND	*	4.6	1.7	ug/L		11/04/14 07:41	11/13/14 00:33	1
Butyl benzyl phthalate	ND		4.6	0.39	ug/L		11/04/14 07:41	11/13/14 00:33	1
Carbazole	ND	*	4.6	0.28	ug/L		11/04/14 07:41	11/13/14 00:33	1
Chrysene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/13/14 00:33	1
Di-n-butyl phthalate	ND	*	4.6	0.29	ug/L		11/04/14 07:41	11/13/14 00:33	1
Di-n-octyl phthalate	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/13/14 00:33	1
Dibenz(a,h)anthracene	ND	*	4.6	0.39	ug/L		11/04/14 07:41	11/13/14 00:33	1
Dibenzofuran	ND	*	9.3	0.47	ug/L		11/04/14 07:41	11/13/14 00:33	1
Diethyl phthalate	ND	*	4.6	0.20	ug/L		11/04/14 07:41	11/13/14 00:33	1
Dimethyl phthalate	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/13/14 00:33	1
Fluoranthene	ND	*	4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:33	1
Fluorene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/13/14 00:33	1
Hexachlorobenzene	ND	*	4.6	0.47	ug/L		11/04/14 07:41	11/13/14 00:33	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		11/04/14 07:41	11/13/14 00:33	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		11/04/14 07:41	11/13/14 00:33	1
Hexachloroethane	ND		4.6	0.55	ug/L		11/04/14 07:41	11/13/14 00:33	1
Indeno[1,2,3-cd]pyrene	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/13/14 00:33	1
Isophorone	ND		4.6	0.40	ug/L		11/04/14 07:41	11/13/14 00:33	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		11/04/14 07:41	11/13/14 00:33	1

Client Sample ID: MW-4

Lab Sample ID: 480-70616-8

Date Collected: 11/03/14 14:30

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND	*	4.6	0.47	ug/L		11/04/14 07:41	11/13/14 00:33	1
Naphthalene	ND		4.6	0.70	ug/L		11/04/14 07:41	11/13/14 00:33	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/04/14 07:41	11/13/14 00:33	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/04/14 07:41	11/13/14 00:33	1
Phenanthrene	ND	*	4.6	0.41	ug/L		11/04/14 07:41	11/13/14 00:33	1
Phenol	ND		4.6	0.36	ug/L		11/04/14 07:41	11/13/14 00:33	1
Pyrene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/13/14 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*52*		*52 - 132*	*11/04/14 07:41*	*11/13/14 00:33*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*11/04/14 07:41*	*11/13/14 00:33*	*1*
2-Fluorophenol	*15*	*X*	*20 - 120*	*11/04/14 07:41*	*11/13/14 00:33*	*1*
Nitrobenzene-d5	*92*		*46 - 120*	*11/04/14 07:41*	*11/13/14 00:33*	*1*
p-Terphenyl-d14	*73*		*67 - 150*	*11/04/14 07:41*	*11/13/14 00:33*	*1*
Phenol-d5	*11*	*X*	*16 - 120*	*11/04/14 07:41*	*11/13/14 00:33*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 03:16	1
PCB-1221	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 03:16	1
PCB-1232	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 03:16	1
PCB-1242	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 03:16	1
PCB-1248	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 03:16	1
PCB-1254	ND		0.47	0.23	ug/L		11/04/14 14:27	11/06/14 03:16	1
PCB-1260	ND		0.47	0.23	ug/L		11/04/14 14:27	11/06/14 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*19 - 126*	*11/04/14 14:27*	*11/06/14 03:16*	*1*
Tetrachloro-m-xylene	*72*		*23 - 127*	*11/04/14 14:27*	*11/06/14 03:16*	*1*

Client Sample ID: MW-5

Lab Sample ID: 480-70616-9

Date Collected: 11/03/14 15:25

Matrix: Water

Date Received: 11/03/14 16:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			11/13/14 15:52	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			11/13/14 15:52	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			11/13/14 15:52	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			11/13/14 15:52	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			11/13/14 15:52	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			11/13/14 15:52	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			11/13/14 15:52	5
2-Hexanone	ND		25	6.2	ug/L			11/13/14 15:52	5
2-Butanone (MEK)	ND		50	6.6	ug/L			11/13/14 15:52	5
1,2-Dichloroethene, Total	ND		10	4.1	ug/L			11/13/14 15:52	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			11/13/14 15:52	5
Acetone	ND		50	15	ug/L			11/13/14 15:52	5
Benzene	**4.8**	**J**	5.0	2.1	ug/L			11/13/14 15:52	5
Bromodichloromethane	ND		5.0	2.0	ug/L			11/13/14 15:52	5

Client Sample ID: MW-5
Date Collected: 11/03/14 15:25
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-9
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	1.3	ug/L			11/13/14 15:52	5
Bromomethane	ND		5.0	3.5	ug/L			11/13/14 15:52	5
Carbon disulfide	ND		5.0	0.95	ug/L			11/13/14 15:52	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			11/13/14 15:52	5
Chlorobenzene	ND		5.0	3.8	ug/L			11/13/14 15:52	5
Dibromochloromethane	ND		5.0	1.6	ug/L			11/13/14 15:52	5
Chloroethane	ND		5.0	1.6	ug/L			11/13/14 15:52	5
Chloroform	ND		5.0	1.7	ug/L			11/13/14 15:52	5
Chloromethane	ND		5.0	1.8	ug/L			11/13/14 15:52	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			11/13/14 15:52	5
Ethylbenzene	ND		5.0	3.7	ug/L			11/13/14 15:52	5
Methylene Chloride	ND		5.0	2.2	ug/L			11/13/14 15:52	5
Styrene	ND		5.0	3.7	ug/L			11/13/14 15:52	5
Tetrachloroethene	ND		5.0	1.8	ug/L			11/13/14 15:52	5
Toluene	ND		5.0	2.6	ug/L			11/13/14 15:52	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			11/13/14 15:52	5
Trichloroethene	ND		5.0	2.3	ug/L			11/13/14 15:52	5
Vinyl chloride	ND		5.0	4.5	ug/L			11/13/14 15:52	5
Xylenes, Total	ND		10	3.3	ug/L			11/13/14 15:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*11/13/14 15:52*	*5*
Toluene-d8 (Surr)	*110*		*71 - 126*		*11/13/14 15:52*	*5*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*11/13/14 15:52*	*5*
Dibromofluoromethane (Surr)	*108*		*60 - 140*		*11/13/14 15:52*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		11/04/14 07:41	11/13/14 00:59	1
1,2,4-Trichlorobenzene	ND		9.2	0.40	ug/L		11/04/14 07:41	11/13/14 00:59	1
2,4,5-Trichlorophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/13/14 00:59	1
1,2-Dichlorobenzene	ND		9.2	0.37	ug/L		11/04/14 07:41	11/13/14 00:59	1
2,4,6-Trichlorophenol	ND		4.6	0.56	ug/L		11/04/14 07:41	11/13/14 00:59	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		11/04/14 07:41	11/13/14 00:59	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		11/04/14 07:41	11/13/14 00:59	1
1,3-Dichlorobenzene	ND		9.2	0.44	ug/L		11/04/14 07:41	11/13/14 00:59	1
2,4-Dinitrophenol	ND		9.2	2.0	ug/L		11/04/14 07:41	11/13/14 00:59	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		11/04/14 07:41	11/13/14 00:59	1
1,4-Dichlorobenzene	ND		9.2	0.42	ug/L		11/04/14 07:41	11/13/14 00:59	1
2,6-Dinitrotoluene	ND	*	4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:59	1
2-Chloronaphthalene	ND		4.6	0.42	ug/L		11/04/14 07:41	11/13/14 00:59	1
2-Chlorophenol	ND		4.6	0.49	ug/L		11/04/14 07:41	11/13/14 00:59	1
2-Methylnaphthalene	ND		4.6	0.55	ug/L		11/04/14 07:41	11/13/14 00:59	1
2-Methylphenol	ND		4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:59	1
2-Nitroaniline	ND		9.2	0.38	ug/L		11/04/14 07:41	11/13/14 00:59	1
2-Nitrophenol	ND	*	4.6	0.44	ug/L		11/04/14 07:41	11/13/14 00:59	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:59	1
3-Nitroaniline	ND	*	9.2	0.44	ug/L		11/04/14 07:41	11/13/14 00:59	1
4,6-Dinitro-2-methylphenol	ND	*	9.2	2.0	ug/L		11/04/14 07:41	11/13/14 00:59	1
4-Bromophenyl phenyl ether	ND	*	4.6	0.41	ug/L		11/04/14 07:41	11/13/14 00:59	1

Client Sample ID: MW-5
Date Collected: 11/03/14 15:25
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-9
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		4.6	0.41	ug/L		11/04/14 07:41	11/13/14 00:59	1
4-Chloroaniline	ND	*	4.6	0.54	ug/L		11/04/14 07:41	11/13/14 00:59	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		11/04/14 07:41	11/13/14 00:59	1
4-Methylphenol	ND		9.2	0.33	ug/L		11/04/14 07:41	11/13/14 00:59	1
4-Nitroaniline	ND		9.2	0.23	ug/L		11/04/14 07:41	11/13/14 00:59	1
4-Nitrophenol	ND		9.2	1.4	ug/L		11/04/14 07:41	11/13/14 00:59	1
Acenaphthene	ND		4.6	0.38	ug/L		11/04/14 07:41	11/13/14 00:59	1
Acenaphthylene	ND	*	4.6	0.35	ug/L		11/04/14 07:41	11/13/14 00:59	1
Anthracene	ND	*	4.6	0.26	ug/L		11/04/14 07:41	11/13/14 00:59	1
Benzo[a]anthracene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/13/14 00:59	1
Benzo[a]pyrene	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/13/14 00:59	1
Benzo[b]fluoranthene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/13/14 00:59	1
Benzo[g,h,i]perylene	ND	*	4.6	0.32	ug/L		11/04/14 07:41	11/13/14 00:59	1
Benzo[k]fluoranthene	ND		4.6	0.67	ug/L		11/04/14 07:41	11/13/14 00:59	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		11/04/14 07:41	11/13/14 00:59	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:59	1
Bis(2-ethylhexyl) phthalate	**1.9**	**J B ***	4.6	1.6	ug/L		11/04/14 07:41	11/13/14 00:59	1
Butyl benzyl phthalate	ND		4.6	0.38	ug/L		11/04/14 07:41	11/13/14 00:59	1
Carbazole	ND	*	4.6	0.27	ug/L		11/04/14 07:41	11/13/14 00:59	1
Chrysene	ND		4.6	0.30	ug/L		11/04/14 07:41	11/13/14 00:59	1
Di-n-butyl phthalate	ND	*	4.6	0.28	ug/L		11/04/14 07:41	11/13/14 00:59	1
Di-n-octyl phthalate	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/13/14 00:59	1
Dibenz(a,h)anthracene	ND	*	4.6	0.38	ug/L		11/04/14 07:41	11/13/14 00:59	1
Dibenzofuran	ND	*	9.2	0.47	ug/L		11/04/14 07:41	11/13/14 00:59	1
Diethyl phthalate	ND	*	4.6	0.20	ug/L		11/04/14 07:41	11/13/14 00:59	1
Dimethyl phthalate	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/13/14 00:59	1
Fluoranthene	ND	*	4.6	0.37	ug/L		11/04/14 07:41	11/13/14 00:59	1
Fluorene	ND	*	4.6	0.33	ug/L		11/04/14 07:41	11/13/14 00:59	1
Hexachlorobenzene	ND	*	4.6	0.47	ug/L		11/04/14 07:41	11/13/14 00:59	1
Hexachlorobutadiene	ND		4.6	0.62	ug/L		11/04/14 07:41	11/13/14 00:59	1
Hexachlorocyclopentadiene	ND		4.6	0.54	ug/L		11/04/14 07:41	11/13/14 00:59	1
Hexachloroethane	ND		4.6	0.54	ug/L		11/04/14 07:41	11/13/14 00:59	1
Indeno[1,2,3-cd]pyrene	ND	*	4.6	0.43	ug/L		11/04/14 07:41	11/13/14 00:59	1
Isophorone	ND		4.6	0.39	ug/L		11/04/14 07:41	11/13/14 00:59	1
N-Nitrosodi-n-propylamine	ND		4.6	0.49	ug/L		11/04/14 07:41	11/13/14 00:59	1
N-Nitrosodiphenylamine	ND	*	4.6	0.47	ug/L		11/04/14 07:41	11/13/14 00:59	1
Naphthalene	ND		4.6	0.70	ug/L		11/04/14 07:41	11/13/14 00:59	1
Nitrobenzene	ND		4.6	0.27	ug/L		11/04/14 07:41	11/13/14 00:59	1
Pentachlorophenol	ND		9.2	2.0	ug/L		11/04/14 07:41	11/13/14 00:59	1
Phenanthrene	ND	*	4.6	0.40	ug/L		11/04/14 07:41	11/13/14 00:59	1
Phenol	ND		4.6	0.36	ug/L		11/04/14 07:41	11/13/14 00:59	1
Pyrene	ND		4.6	0.31	ug/L		11/04/14 07:41	11/13/14 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*117*		*52 - 132*	*11/04/14 07:41*	*11/13/14 00:59*	*1*
2-Fluorobiphenyl	*107*		*48 - 120*	*11/04/14 07:41*	*11/13/14 00:59*	*1*
2-Fluorophenol	*120*		*20 - 120*	*11/04/14 07:41*	*11/13/14 00:59*	*1*
Nitrobenzene-d5	*123*	*X*	*46 - 120*	*11/04/14 07:41*	*11/13/14 00:59*	*1*
p-Terphenyl-d14	*93*		*67 - 150*	*11/04/14 07:41*	*11/13/14 00:59*	*1*
Phenol-d5	*93*		*16 - 120*	*11/04/14 07:41*	*11/13/14 00:59*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-5
Date Collected: 11/03/14 15:25
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-9
Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 04:01	1
PCB-1221	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 04:01	1
PCB-1232	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 04:01	1
PCB-1242	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 04:01	1
PCB-1248	ND		0.47	0.16	ug/L		11/04/14 14:27	11/06/14 04:01	1
PCB-1254	ND		0.47	0.23	ug/L		11/04/14 14:27	11/06/14 04:01	1
PCB-1260	ND		0.47	0.23	ug/L		11/04/14 14:27	11/06/14 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*19 - 126*	*11/04/14 14:27*	*11/06/14 04:01*	*1*
Tetrachloro-m-xylene	*80*		*23 - 127*	*11/04/14 14:27*	*11/06/14 04:01*	*1*

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-70616-1	Trip Blank	111	112	114	109
480-70616-2	Dup	106	107	108	106
480-70616-3	MW-6	112	107	109	104
480-70616-4	MW-7	114	108	110	107
480-70616-5	MW-2	113	109	109	108
480-70616-6	MW-1	111	108	110	108
480-70616-7	MW-3	111	108	109	107
480-70616-8	MW-4	112	107	110	105
480-70616-9	MW-5	113	110	114	108
LCS 480-213844/7	Lab Control Sample	109	107	108	109
MB 480-213844/9	Method Blank	109	106	106	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-70616-2	Dup	79	77	88	74	71	56
480-70616-3	MW-6	83	63	69	56	64 X	47
480-70616-4	MW-7	107	96	98	93	80	59
480-70616-5	MW-2	96	87	89	83	81	54
480-70616-6	MW-1	94	90	99	88	85	62
480-70616-7	MW-3	104	95	103	90	84	61
480-70616-8	MW-4	52	86	15 X	92	73	11 X
480-70616-9	MW-5	117	107	120	123 X	93	93
LCS 480-211819/2-A	Lab Control Sample	88	82	96	82	85	65
LCSD 480-211819/3-A	Lab Control Sample Dup	108	98	115	95	100	74
MB 480-211819/1-A	Method Blank	91	92	110	94	98	71

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB2	TCX2										
Lab Sample ID	Client Sample ID	(19-126)	(23-127)										
480-70616-2	Dup	103	79										
480-70616-3	MW-6	105	80										
480-70616-4	MW-7	90	69										
480-70616-5	MW-2	79	56										
480-70616-6	MW-1	100	75										
480-70616-7	MW-3	95	67										
480-70616-8	MW-4	97	72										
480-70616-9	MW-5	106	80										
LCS 480-211969/2-A	Lab Control Sample	102	84										
LCSD 480-211969/3-A	Lab Control Sample Dup	97	80										
MB 480-211969/1-A	Method Blank	104	80										

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-213844/9
Matrix: Water
Analysis Batch: 213844

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 11:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 11:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 11:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 11:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 11:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 11:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 11:29	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 11:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 11:29	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 11:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 11:29	1
Acetone	ND		10	3.0	ug/L			11/13/14 11:29	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 11:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 11:29	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 11:29	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 11:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 11:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 11:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 11:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 11:29	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 11:29	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 11:29	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 11:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 11:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 11:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 11:29	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 11:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 11:29	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 11:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 11:29	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 11:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 11:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*11/13/14 11:29*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*11/13/14 11:29*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*11/13/14 11:29*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*		*11/13/14 11:29*	*1*

Lab Sample ID: LCS 480-213844/7
Matrix: Water
Analysis Batch: 213844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.4		ug/L		110	71 - 129
1,1-Dichloroethene	25.0	25.7		ug/L		103	58 - 121
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-213844/7
Matrix: Water
Analysis Batch: 213844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.9		ug/L		104	71 - 124
Chlorobenzene	25.0	26.0		ug/L		104	72 - 120
Ethylbenzene	25.0	26.1		ug/L		105	77 - 123
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	26.0		ug/L		104	80 - 122
Trichloroethene	25.0	26.5		ug/L		106	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*
Toluene-d8 (Surr)	*107*		*71 - 126*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Dibromofluoromethane (Surr)	*109*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-211819/1-A
Matrix: Water
Analysis Batch: 212378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 211819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/14 07:41	11/06/14 11:47	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		11/04/14 07:41	11/06/14 11:47	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/14 07:41	11/06/14 11:47	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		11/04/14 07:41	11/06/14 11:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/14 07:41	11/06/14 11:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/14 07:41	11/06/14 11:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/14 07:41	11/06/14 11:47	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		11/04/14 07:41	11/06/14 11:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/14 07:41	11/06/14 11:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/14 07:41	11/06/14 11:47	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		11/04/14 07:41	11/06/14 11:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 11:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/14 07:41	11/06/14 11:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/14 07:41	11/06/14 11:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/14 07:41	11/06/14 11:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 11:47	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/14 07:41	11/06/14 11:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/14 07:41	11/06/14 11:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 11:47	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/14 07:41	11/06/14 11:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/14 07:41	11/06/14 11:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/14 07:41	11/06/14 11:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/14 07:41	11/06/14 11:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/14 07:41	11/06/14 11:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/14 07:41	11/06/14 11:47	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/14 07:41	11/06/14 11:47	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/14 07:41	11/06/14 11:47	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/14 07:41	11/06/14 11:47	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-211819/1-A
Matrix: Water
Analysis Batch: 212378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 211819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		11/04/14 07:41	11/06/14 11:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/14 07:41	11/06/14 11:47	1
Anthracene	ND		5.0	0.28	ug/L		11/04/14 07:41	11/06/14 11:47	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		11/04/14 07:41	11/06/14 11:47	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		11/04/14 07:41	11/06/14 11:47	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		11/04/14 07:41	11/06/14 11:47	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		11/04/14 07:41	11/06/14 11:47	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		11/04/14 07:41	11/06/14 11:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/14 07:41	11/06/14 11:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 11:47	1
Bis(2-ethylhexyl) phthalate	1.80	J	5.0	1.8	ug/L		11/04/14 07:41	11/06/14 11:47	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/04/14 07:41	11/06/14 11:47	1
Carbazole	ND		5.0	0.30	ug/L		11/04/14 07:41	11/06/14 11:47	1
Chrysene	ND		5.0	0.33	ug/L		11/04/14 07:41	11/06/14 11:47	1
Di-n-butyl phthalate	0.329	J	5.0	0.31	ug/L		11/04/14 07:41	11/06/14 11:47	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/14 07:41	11/06/14 11:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/14 07:41	11/06/14 11:47	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/14 07:41	11/06/14 11:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/14 07:41	11/06/14 11:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/14 07:41	11/06/14 11:47	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/14 07:41	11/06/14 11:47	1
Fluorene	ND		5.0	0.36	ug/L		11/04/14 07:41	11/06/14 11:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/14 07:41	11/06/14 11:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/14 07:41	11/06/14 11:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/14 07:41	11/06/14 11:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/14 07:41	11/06/14 11:47	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		11/04/14 07:41	11/06/14 11:47	1
Isophorone	ND		5.0	0.43	ug/L		11/04/14 07:41	11/06/14 11:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/14 07:41	11/06/14 11:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/14 07:41	11/06/14 11:47	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/14 07:41	11/06/14 11:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/14 07:41	11/06/14 11:47	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/14 07:41	11/06/14 11:47	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/14 07:41	11/06/14 11:47	1
Phenol	ND		5.0	0.39	ug/L		11/04/14 07:41	11/06/14 11:47	1
Pyrene	ND		5.0	0.34	ug/L		11/04/14 07:41	11/06/14 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*52 - 132*	*11/04/14 07:41*	*11/06/14 11:47*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*11/04/14 07:41*	*11/06/14 11:47*	*1*
2-Fluorophenol	*110*		*20 - 120*	*11/04/14 07:41*	*11/06/14 11:47*	*1*
Nitrobenzene-d5	*94*		*46 - 120*	*11/04/14 07:41*	*11/06/14 11:47*	*1*
p-Terphenyl-d14	*98*		*67 - 150*	*11/04/14 07:41*	*11/06/14 11:47*	*1*
Phenol-d5	*71*		*16 - 120*	*11/04/14 07:41*	*11/06/14 11:47*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-211819/2-A
Matrix: Water
Analysis Batch: 212378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 211819

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,4-Trichlorobenzene			16.0	12.3		ug/L		77	40 - 120		
2,4-Dinitrophenol			32.0	18.7		ug/L		58	42 - 153		
1,4-Dichlorobenzene			16.0	12.3		ug/L		77	32 - 120		
2-Chlorophenol			16.0	13.8		ug/L		86	48 - 120		
4-Chloro-3-methylphenol			16.0	13.9		ug/L		87	64 - 120		
4-Nitrophenol			32.0	20.7		ug/L		65	16 - 120		
Acenaphthene			16.0	13.3		ug/L		83	60 - 120		
Bis(2-ethylhexyl) phthalate			16.0	15.4		ug/L		96	53 - 158		
Fluorene			16.0	13.1		ug/L		82	55 - 143		
Hexachloroethane			16.0	11.7		ug/L		73	14 - 101		
N-Nitrosodi-n-propylamine			16.0	12.9		ug/L		81	56 - 120		
Pentachlorophenol			32.0	14.3		ug/L		45	39 - 136		
Phenol			16.0	9.57		ug/L		60	17 - 120		
Pyrene			16.0	13.7		ug/L		85	58 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*88*		*52 - 132*
2-Fluorobiphenyl	*82*		*48 - 120*
2-Fluorophenol	*96*		*20 - 120*
Nitrobenzene-d5	*82*		*46 - 120*
p-Terphenyl-d14	*85*		*67 - 150*
Phenol-d5	*65*		*16 - 120*

Lab Sample ID: LCSD 480-211819/3-A
Matrix: Water
Analysis Batch: 212378

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 211819

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			16.0	14.6		ug/L		92	40 - 120	17	30
2,4-Dinitrophenol			32.0	22.3		ug/L		70	42 - 153	18	22
1,4-Dichlorobenzene			16.0	14.7		ug/L		92	32 - 120	18	36
2-Chlorophenol			16.0	16.1		ug/L		101	48 - 120	16	25
4-Chloro-3-methylphenol			16.0	16.7		ug/L		104	64 - 120	18	27
4-Nitrophenol			32.0	24.0		ug/L		75	16 - 120	15	48
Acenaphthene			16.0	15.6		ug/L		97	60 - 120	16	24
Bis(2-ethylhexyl) phthalate			16.0	18.3	*	ug/L		114	53 - 158	17	15
Fluorene			16.0	15.5	*	ug/L		97	55 - 143	17	15
Hexachloroethane			16.0	14.1		ug/L		88	14 - 101	19	46
N-Nitrosodi-n-propylamine			16.0	14.7		ug/L		92	56 - 120	13	31
Pentachlorophenol			32.0	18.5		ug/L		58	39 - 136	26	37
Phenol			16.0	10.9		ug/L		68	17 - 120	13	34
Pyrene			16.0	16.2		ug/L		101	58 - 136	17	19

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*108*		*52 - 132*
2-Fluorobiphenyl	*98*		*48 - 120*
2-Fluorophenol	*115*		*20 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-211819/3-A
Matrix: Water
Analysis Batch: 212378

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 211819

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	95		46 - 120
p-Terphenyl-d14	100		67 - 150
Phenol-d5	74		16 - 120

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-211969/1-A
Matrix: Water
Analysis Batch: 212067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 211969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/04/14 14:27	11/06/14 01:02	1
PCB-1221	ND		0.50	0.18	ug/L		11/04/14 14:27	11/06/14 01:02	1
PCB-1232	ND		0.50	0.18	ug/L		11/04/14 14:27	11/06/14 01:02	1
PCB-1242	ND		0.50	0.18	ug/L		11/04/14 14:27	11/06/14 01:02	1
PCB-1248	ND		0.50	0.18	ug/L		11/04/14 14:27	11/06/14 01:02	1
PCB-1254	ND		0.50	0.25	ug/L		11/04/14 14:27	11/06/14 01:02	1
PCB-1260	ND		0.50	0.25	ug/L		11/04/14 14:27	11/06/14 01:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	104		19 - 126	11/04/14 14:27	11/06/14 01:02	1
Tetrachloro-m-xylene	80		23 - 127	11/04/14 14:27	11/06/14 01:02	1

Lab Sample ID: LCS 480-211969/2-A
Matrix: Water
Analysis Batch: 212067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 211969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			4.00	4.42		ug/L		110	51 - 137		
PCB-1260			4.00	4.48		ug/L		112	45 - 139		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	102		19 - 126
Tetrachloro-m-xylene	84		23 - 127

Lab Sample ID: LCSD 480-211969/3-A
Matrix: Water
Analysis Batch: 212067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 211969

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			4.00	4.11		ug/L		103	51 - 137	7	50
PCB-1260			4.00	4.20		ug/L		105	45 - 139	6	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	97		19 - 126
Tetrachloro-m-xylene	80		23 - 127

GC/MS VOA

Analysis Batch: 213844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70616-1	Trip Blank	Total/NA	Water	8260C	
480-70616-2	Dup	Total/NA	Water	8260C	
480-70616-3	MW-6	Total/NA	Water	8260C	
480-70616-4	MW-7	Total/NA	Water	8260C	
480-70616-5	MW-2	Total/NA	Water	8260C	
480-70616-6	MW-1	Total/NA	Water	8260C	
480-70616-7	MW-3	Total/NA	Water	8260C	
480-70616-8	MW-4	Total/NA	Water	8260C	
480-70616-9	MW-5	Total/NA	Water	8260C	
LCS 480-213844/7	Lab Control Sample	Total/NA	Water	8260C	
MB 480-213844/9	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 211819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70616-2	Dup	Total/NA	Water	3510C	
480-70616-3	MW-6	Total/NA	Water	3510C	
480-70616-4	MW-7	Total/NA	Water	3510C	
480-70616-5	MW-2	Total/NA	Water	3510C	
480-70616-6	MW-1	Total/NA	Water	3510C	
480-70616-7	MW-3	Total/NA	Water	3510C	
480-70616-8	MW-4	Total/NA	Water	3510C	
480-70616-9	MW-5	Total/NA	Water	3510C	
LCS 480-211819/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-211819/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-211819/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 212378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70616-2	Dup	Total/NA	Water	8270D	211819
480-70616-3	MW-6	Total/NA	Water	8270D	211819
480-70616-4	MW-7	Total/NA	Water	8270D	211819
480-70616-5	MW-2	Total/NA	Water	8270D	211819
480-70616-6	MW-1	Total/NA	Water	8270D	211819
480-70616-7	MW-3	Total/NA	Water	8270D	211819
LCS 480-211819/2-A	Lab Control Sample	Total/NA	Water	8270D	211819
LCSD 480-211819/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	211819
MB 480-211819/1-A	Method Blank	Total/NA	Water	8270D	211819

Analysis Batch: 213641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70616-8	MW-4	Total/NA	Water	8270D	211819
480-70616-9	MW-5	Total/NA	Water	8270D	211819

GC Semi VOA

Prep Batch: 211969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70616-2	Dup	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 211969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70616-3	MW-6	Total/NA	Water	3510C	
480-70616-4	MW-7	Total/NA	Water	3510C	
480-70616-5	MW-2	Total/NA	Water	3510C	
480-70616-6	MW-1	Total/NA	Water	3510C	
480-70616-7	MW-3	Total/NA	Water	3510C	
480-70616-8	MW-4	Total/NA	Water	3510C	
480-70616-9	MW-5	Total/NA	Water	3510C	
LCS 480-211969/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-211969/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-211969/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 212067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70616-2	Dup	Total/NA	Water	8082A	211969
480-70616-3	MW-6	Total/NA	Water	8082A	211969
480-70616-4	MW-7	Total/NA	Water	8082A	211969
480-70616-5	MW-2	Total/NA	Water	8082A	211969
480-70616-6	MW-1	Total/NA	Water	8082A	211969
480-70616-7	MW-3	Total/NA	Water	8082A	211969
480-70616-8	MW-4	Total/NA	Water	8082A	211969
480-70616-9	MW-5	Total/NA	Water	8082A	211969
LCS 480-211969/2-A	Lab Control Sample	Total/NA	Water	8082A	211969
LCSD 480-211969/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	211969
MB 480-211969/1-A	Method Blank	Total/NA	Water	8082A	211969

Client Sample ID: Trip Blank

Lab Sample ID: 480-70616-1

Date Collected: 11/03/14 00:00

Matrix: Water

Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 12:46	CXM	TAL BUF

Client Sample ID: Dup

Lab Sample ID: 480-70616-2

Date Collected: 11/03/14 00:00

Matrix: Water

Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 13:08	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF
Total/NA	Analysis	8270D		1	212378	11/06/14 13:56	PJQ	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 01:47	DLE	TAL BUF

Client Sample ID: MW-6

Lab Sample ID: 480-70616-3

Date Collected: 11/03/14 10:50

Matrix: Water

Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 13:35	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF
Total/NA	Analysis	8270D		1	212378	11/06/14 14:22	PJQ	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 02:02	DLE	TAL BUF

Client Sample ID: MW-7

Lab Sample ID: 480-70616-4

Date Collected: 11/03/14 11:30

Matrix: Water

Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 13:58	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF
Total/NA	Analysis	8270D		1	212378	11/06/14 14:48	PJQ	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 02:17	DLE	TAL BUF

Client Sample ID: MW-2

Lab Sample ID: 480-70616-5

Date Collected: 11/03/14 12:05

Matrix: Water

Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 14:21	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-2

Lab Sample ID: 480-70616-5

Date Collected: 11/03/14 12:05
Matrix: Water
Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		1	212378	11/06/14 15:15	PJQ	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 02:32	DLE	TAL BUF

Client Sample ID: MW-1

Lab Sample ID: 480-70616-6

Date Collected: 11/03/14 12:40
Matrix: Water
Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 14:43	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF
Total/NA	Analysis	8270D		1	212378	11/06/14 15:41	PJQ	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 02:47	DLE	TAL BUF

Client Sample ID: MW-3

Lab Sample ID: 480-70616-7

Date Collected: 11/03/14 13:35
Matrix: Water
Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 15:06	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF
Total/NA	Analysis	8270D		1	212378	11/06/14 16:08	PJQ	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 03:02	DLE	TAL BUF

Client Sample ID: MW-4

Lab Sample ID: 480-70616-8

Date Collected: 11/03/14 14:30
Matrix: Water
Date Received: 11/03/14 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213844	11/13/14 15:29	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF
Total/NA	Analysis	8270D		1	213641	11/13/14 00:33	JMM	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 03:16	DLE	TAL BUF

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Client Sample ID: MW-5
Date Collected: 11/03/14 15:25
Date Received: 11/03/14 16:15

Lab Sample ID: 480-70616-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	213844	11/13/14 15:52	CXM	TAL BUF
Total/NA	Prep	3510C			211819	11/04/14 07:41	TRG	TAL BUF
Total/NA	Analysis	8270D		1	213641	11/13/14 00:59	JMM	TAL BUF
Total/NA	Prep	3510C			211969	11/04/14 14:27	RJS	TAL BUF
Total/NA	Analysis	8082A		1	212067	11/06/14 04:01	DLE	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dichloroethene, Total

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70616-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-70616-1	Trip Blank	Water	11/03/14 00:00	11/03/14 16:15
480-70616-2	Dup	Water	11/03/14 00:00	11/03/14 16:15
480-70616-3	MW-6	Water	11/03/14 10:50	11/03/14 16:15
480-70616-4	MW-7	Water	11/03/14 11:30	11/03/14 16:15
480-70616-5	MW-2	Water	11/03/14 12:05	11/03/14 16:15
480-70616-6	MW-1	Water	11/03/14 12:40	11/03/14 16:15
480-70616-7	MW-3	Water	11/03/14 13:35	11/03/14 16:15
480-70616-8	MW-4	Water	11/03/14 14:30	11/03/14 16:15
480-70616-9	MW-5	Water	11/03/14 15:25	11/03/14 16:15

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Tom Palmer	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-57905-15219.1
Client Contact: ~~Steven Leitten~~ Tom Palmer	Phone: (716) 866-3590	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc				Job #:

Address: 495 Aero Drive Suite 3	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Cheektowaga	TAT Requested (days): 10 dy		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: NY, 14225			
Phone: (716) 866-3590	PO #: 901469		
Email: ~~tpalmer~~ ~~sleitten~~@gesonline.com	WO #:		Other:
Project Name: Cherry Farms Annual GW Sample	Project #: 48002788		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8270D - (MOD) TCL SVOA - OLM04.2	8260C - (MOD) TCL list OLM04.2	8081B - TCL Pesticides - OLM04.2	6010C, 7470A	9012B - Cyanide, Total									Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A	N	D	B										
Trip Blank	11-3-14		G	Water					2													
Dup				Water			2	2	3													
MW-6		1050		Water			2	2	3													
MW-7		1130		Water			2	2	3													
MW-2		1205		Water			2	2	3													
MW-1		1240		Water			2	2	3													
MW-3		1335		Water			2	2	3													
MW-4		1430		Water			2	2	3													
MW-5		1525		Water			2	2	3													
				Water																		
				Water																		

480-70616 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
GES	11-3-14 1615	GES		11/3/14 1615	TA BUFF
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.0, 4.2 ☑

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-70616-1

Login Number: 70616

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ges
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	Yes: Samples checked, no residual chlorine detected

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-70664-1
Client Project/Site: Cherry Farms Annual GW Sample

For:
Groundwater & Environmental Services Inc
495 Aero Drive
Suite 3
Cheektowaga, New York 14225

Attn: Thomas Palmer

Joseph V. Giacomazza

Authorized for release by:
12/1/2014 1:54:59 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
F1	MS and/or MSD Recovery exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.
*	ISTD response or retention time outside acceptable limits

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-70664-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-70664-1

Receipt
The samples were received on 11/4/2014 3:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.3º C and 2.6º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 213987 recovered above the upper control limit for Carbon Tetrachloride, cis-1,3-Dichloropropene, Dichlorobromomethane, Chlorodibromomethane and 1,1,1-Trichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-213987/2).

Method(s) 8260C: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for batch 213987 recovered outside control limits for the following analytes: Carbon Tetrachloride, Dichlorobromomethane and Chlorodibromomethane. . These were not requested spike compounds; therefore, the data have been qualified and reported.

(LCS 480-213987/4)

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 214100 recovered above the upper control limit for Carbon tetrachloride, Dichlorobromomethane, Chlorodibromomethane, 1,1,1-Trichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-214100/2).

Method(s) 8260C: The laboratory control sample (LCS) for batch 214100 recovered outside control limits for the following analytes: Carbon tetrachloride and Chlorodibromomethane. These analytes werenot requested spiking compounds in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The large number of analytes included in the continuing calibration verification (CCV) for batch 215871 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

Method(s) 8270D: The laboratory control sample (LCS) for batch 212228 recovered outside control limits for the following analytes: 3,3'-Dichlorobenzindine, 3-Nitroaniline and 4-Chloroaniline. These analytes have been identified as a poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The laboratory control sample (LCS) for batch 212228 recovered outside control limits for Carbazole. Four analytes are allowed outside limits when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified. (LCS 480-212228/2-A)

Method(s) 8270D: Internal standard responses were outside of acceptance limits for Naphthalene-d8 for the following sample: S-3 (480-70664-5). The sample shows evidence of matrix interference. The analytes associated with the internal standard are non-detect.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: RW-4 (480-70664-1 MS), RW-4 (480-70664-1 MSD), S-1 (480-70664-3), S-3 (480-70664-5). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Job ID: 480-70664-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8081B: The following sample(s) contain positives for any or either of the following compounds; Alpha, Beta, Delta, or Gamma-BHC. These are presently known contaminants due to extremely high level samples passing through our facility. Whether they are present in the Method Blank or not, they are still to be considered suspect. S-1 (480-70664-3), S-2 (480-70664-4), S-3 (480-70664-5), S-4 (480-70664-6)

Method(s) 8082A: The following samples were diluted due to the nature of the sample matrix: S-2 (480-70664-4), S-4 (480-70664-6). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: RW-4 — Lab Sample ID: 480-70664-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	14		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	10		1.0	0.74	ug/L	1		8260C	Total/NA
Xylenes, Total	2.0		2.0	0.66	ug/L	1		8260C	Total/NA
Acenaphthene	0.78	J	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	0.70	J	5.0	0.38	ug/L	1		8270D	Total/NA
Diethyl phthalate	0.41	J	5.0	0.22	ug/L	1		8270D	Total/NA
Phenol	0.79	J	5.0	0.39	ug/L	1		8270D	Total/NA

Client Sample ID: RW-5 — Lab Sample ID: 480-70664-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.4		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	0.90	J	1.0	0.74	ug/L	1		8260C	Total/NA
Xylenes, Total	3.4		2.0	0.66	ug/L	1		8260C	Total/NA
Bis(2-ethylhexyl) phthalate	3.8	J	5.3	1.9	ug/L	1		8270D	Total/NA
Butyl benzyl phthalate	1.2	J B	5.3	0.45	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.37	J	5.3	0.33	ug/L	1		8270D	Total/NA
Naphthalene	15		5.3	0.81	ug/L	1		8270D	Total/NA

Client Sample ID: S-1 — Lab Sample ID: 480-70664-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Chloroethane	0.66	J	1.0	0.32	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	18		4.7	0.47	ug/L	1		8270D	Total/NA
2-Methylphenol	0.70	J	4.7	0.38	ug/L	1		8270D	Total/NA
4-Methylphenol	1.0	J	9.4	0.34	ug/L	1		8270D	Total/NA
Acenaphthene	0.90	J	4.7	0.39	ug/L	1		8270D	Total/NA
Anthracene	0.69	J	4.7	0.26	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.48	J	4.7	0.44	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.79	J	4.7	0.32	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.7	J	4.7	1.7	ug/L	1		8270D	Total/NA
Carbazole	0.45	J *	4.7	0.28	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.48	J	4.7	0.29	ug/L	1		8270D	Total/NA
Di-n-octyl phthalate	2.5	J	4.7	0.44	ug/L	1		8270D	Total/NA
Fluoranthene	0.55	J	4.7	0.38	ug/L	1		8270D	Total/NA
Fluorene	0.43	J	4.7	0.34	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.47	J	4.7	0.44	ug/L	1		8270D	Total/NA
Phenol	0.81	J	4.7	0.37	ug/L	1		8270D	Total/NA
Pyrene	0.54	J	4.7	0.32	ug/L	1		8270D	Total/NA
PCB-1248	0.63		0.47	0.17	ug/L	1		8082A	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	55.9		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0019	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	4.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0042	J	0.0050	0.0030	mg/L	1		6010C	Total/NA
Magnesium	13.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.59		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	20.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	68.0		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-1 (Continued) — Lab Sample ID: 480-70664-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0035	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0073	J B	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: S-2 — Lab Sample ID: 480-70664-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.38	ug/L	1		8260C	Total/NA
1,2-Dichloroethene, Total	12		2.0	0.81	ug/L	1		8260C	Total/NA
Benzene	0.80	J	1.0	0.41	ug/L	1		8260C	Total/NA
Carbon disulfide	0.42	J	1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	0.80	J	1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	3.8		1.0	0.90	ug/L	1		8260C	Total/NA
2,4,5-Trichlorophenol	0.45	J	4.7	0.45	ug/L	1		8270D	Total/NA
2,4-Dimethylphenol	5.5		4.7	0.47	ug/L	1		8270D	Total/NA
2-Methylphenol	1.3	J	4.7	0.37	ug/L	1		8270D	Total/NA
4-Methylphenol	2.2	J	9.3	0.33	ug/L	1		8270D	Total/NA
Acenaphthene	0.49	J	4.7	0.38	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.65	J	4.7	0.32	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.5	J	4.7	1.7	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.29	J	4.7	0.29	ug/L	1		8270D	Total/NA
Fluorene	0.40	J	4.7	0.33	ug/L	1		8270D	Total/NA
Naphthalene	1.1	J	4.7	0.71	ug/L	1		8270D	Total/NA
Phenanthrene	0.61	J	4.7	0.41	ug/L	1		8270D	Total/NA
Phenol	0.51	J	4.7	0.36	ug/L	1		8270D	Total/NA
alpha-BHC	0.011	J B	0.047	0.0072	ug/L	1		8081B	Total/NA
Aluminum	0.28		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.033		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	66.2		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0056		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.30		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0041	J	0.0050	0.0030	mg/L	1		6010C	Total/NA
Magnesium	0.37		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0039		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	36.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	46.2		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.011		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0032	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.034	B	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: S-3 — Lab Sample ID: 480-70664-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.38	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.39	J	1.0	0.36	ug/L	1		8260C	Total/NA
Toluene	0.69	J	1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	1.7	J	2.0	0.66	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	18	*	4.8	0.48	ug/L	1		8270D	Total/NA
2-Methylphenol	13		4.8	0.38	ug/L	1		8270D	Total/NA
4-Methylphenol	25		9.5	0.34	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-3 (Continued)

Lab Sample ID: 480-70664-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.66	J	4.8	0.39	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.65	J	4.8	0.32	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.4	J	4.8	1.7	ug/L	1		8270D	Total/NA
Carbazole	0.39	J *	4.8	0.29	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.31	J	4.8	0.29	ug/L	1		8270D	Total/NA
Di-n-octyl phthalate	2.5	J	4.8	0.45	ug/L	1		8270D	Total/NA
Fluorene	0.56	J	4.8	0.34	ug/L	1		8270D	Total/NA
Naphthalene	1.7	J *	4.8	0.72	ug/L	1		8270D	Total/NA
Phenanthrene	0.82	J	4.8	0.42	ug/L	1		8270D	Total/NA
alpha-BHC	0.022	J B	0.095	0.015	ug/L	2		8081B	Total/NA
PCB-1232	0.74		0.52	0.18	ug/L	1		8082A	Total/NA
Aluminum	0.37		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.034		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	60.5		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.052		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0058		0.0050	0.0030	mg/L	1		6010C	Total/NA
Magnesium	0.56		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0099		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	44.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	54.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.012		0.0050	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.036	B	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: S-4

Lab Sample ID: 480-70664-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2		1.0	0.38	ug/L	1		8260C	Total/NA
1,2-Dichloroethene, Total	1.8	J	2.0	0.81	ug/L	1		8260C	Total/NA
Benzene	0.97	J	1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	0.96	J	1.0	0.74	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.91	J	1.0	0.36	ug/L	1		8260C	Total/NA
Toluene	0.97	J	1.0	0.51	ug/L	1		8260C	Total/NA
Trichloroethene	0.63	J	1.0	0.46	ug/L	1		8260C	Total/NA
Xylenes, Total	5.9		2.0	0.66	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	20		4.8	0.48	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	2.6	J	4.8	0.57	ug/L	1		8270D	Total/NA
2-Methylphenol	6.5		4.8	0.38	ug/L	1		8270D	Total/NA
4-Methylphenol	9.5		9.5	0.34	ug/L	1		8270D	Total/NA
Acenaphthene	2.1	J	4.8	0.39	ug/L	1		8270D	Total/NA
Acenaphthylene	1.6	J	4.8	0.36	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.65	J	4.8	0.32	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.4	J	4.8	1.7	ug/L	1		8270D	Total/NA
Carbazole	2.4	J *	4.8	0.29	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.44	J	4.8	0.30	ug/L	1		8270D	Total/NA
Di-n-octyl phthalate	2.5	J	4.8	0.45	ug/L	1		8270D	Total/NA
Dibenzofuran	1.5	J	9.5	0.49	ug/L	1		8270D	Total/NA
Fluorene	2.0	J	4.8	0.34	ug/L	1		8270D	Total/NA
Naphthalene	8.7		4.8	0.72	ug/L	1		8270D	Total/NA
Phenanthrene	1.7	J	4.8	0.42	ug/L	1		8270D	Total/NA
alpha-BHC	0.012	J B	0.046	0.0071	ug/L	1		8081B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-4 (Continued)

Lab Sample ID: 480-70664-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
delta-BHC	0.064		0.046	0.0093	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.053		0.046	0.0074	ug/L	1		8081B	Total/NA
Heptachlor	0.010	J	0.046	0.0079	ug/L	1		8081B	Total/NA
PCB-1232	7.6		4.9	1.7	ug/L	10		8082A	Total/NA
Aluminum	0.57		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.032		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	96.0		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.096		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0048	J	0.0050	0.0030	mg/L	1		6010C	Total/NA
Magnesium	1.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.047		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	61.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	58.0		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.010		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0024	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.013	B	0.010	0.0050	mg/L	1		9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: RW-4
Date Collected: 11/04/14 08:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 23:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 23:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 23:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 23:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 23:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 23:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 23:00	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 23:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 23:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 23:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 23:00	1
Acetone	ND		10	3.0	ug/L			11/13/14 23:00	1
Benzene	**14**		1.0	0.41	ug/L			11/13/14 23:00	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			11/13/14 23:00	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 23:00	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 23:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 23:00	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			11/13/14 23:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 23:00	1
Dibromochloromethane	ND	*	1.0	0.32	ug/L			11/13/14 23:00	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 23:00	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 23:00	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 23:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 23:00	1
Ethylbenzene	**10**		1.0	0.74	ug/L			11/13/14 23:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 23:00	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 23:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 23:00	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 23:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 23:00	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 23:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 23:00	1
Xylenes, Total	**2.0**		2.0	0.66	ug/L			11/13/14 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*11/13/14 23:00*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*11/13/14 23:00*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*11/13/14 23:00*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*11/13/14 23:00*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/05/14 14:12	11/25/14 13:18	1
1,2,4-Trichlorobenzene	ND		9.9	0.44	ug/L		11/05/14 14:12	11/25/14 13:18	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/05/14 14:12	11/25/14 13:18	1
1,2-Dichlorobenzene	ND		9.9	0.40	ug/L		11/05/14 14:12	11/25/14 13:18	1
2,4,6-Trichlorophenol	ND		5.0	0.60	ug/L		11/05/14 14:12	11/25/14 13:18	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/05/14 14:12	11/25/14 13:18	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/05/14 14:12	11/25/14 13:18	1
1,3-Dichlorobenzene	ND		9.9	0.48	ug/L		11/05/14 14:12	11/25/14 13:18	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: RW-4
Date Collected: 11/04/14 08:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		11/05/14 14:12	11/25/14 13:18	1
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L		11/05/14 14:12	11/25/14 13:18	1
1,4-Dichlorobenzene	ND		9.9	0.46	ug/L		11/05/14 14:12	11/25/14 13:18	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 13:18	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/05/14 14:12	11/25/14 13:18	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/05/14 14:12	11/25/14 13:18	1
2-Methylnaphthalene	ND		5.0	0.59	ug/L		11/05/14 14:12	11/25/14 13:18	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 13:18	1
2-Nitroaniline	ND		9.9	0.42	ug/L		11/05/14 14:12	11/25/14 13:18	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/05/14 14:12	11/25/14 13:18	1
3,3'-Dichlorobenzidine	ND	*	5.0	0.40	ug/L		11/05/14 14:12	11/25/14 13:18	1
3-Nitroaniline	ND	*	9.9	0.48	ug/L		11/05/14 14:12	11/25/14 13:18	1
4,6-Dinitro-2-methylphenol	ND		9.9	2.2	ug/L		11/05/14 14:12	11/25/14 13:18	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/05/14 14:12	11/25/14 13:18	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/05/14 14:12	11/25/14 13:18	1
4-Chloroaniline	ND	*	5.0	0.58	ug/L		11/05/14 14:12	11/25/14 13:18	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/05/14 14:12	11/25/14 13:18	1
4-Methylphenol	ND		9.9	0.36	ug/L		11/05/14 14:12	11/25/14 13:18	1
4-Nitroaniline	ND		9.9	0.25	ug/L		11/05/14 14:12	11/25/14 13:18	1
4-Nitrophenol	ND		9.9	1.5	ug/L		11/05/14 14:12	11/25/14 13:18	1
Acenaphthene	**0.78**	**J**	5.0	0.41	ug/L		11/05/14 14:12	11/25/14 13:18	1
Acenaphthylene	**0.70**	**J**	5.0	0.38	ug/L		11/05/14 14:12	11/25/14 13:18	1
Anthracene	ND		5.0	0.28	ug/L		11/05/14 14:12	11/25/14 13:18	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		11/05/14 14:12	11/25/14 13:18	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		11/05/14 14:12	11/25/14 13:18	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		11/05/14 14:12	11/25/14 13:18	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		11/05/14 14:12	11/25/14 13:18	1
Benzo[k]fluoranthene	ND		5.0	0.72	ug/L		11/05/14 14:12	11/25/14 13:18	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/05/14 14:12	11/25/14 13:18	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 13:18	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		11/05/14 14:12	11/25/14 13:18	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		11/05/14 14:12	11/25/14 13:18	1
Carbazole	ND	*	5.0	0.30	ug/L		11/05/14 14:12	11/25/14 13:18	1
Chrysene	ND		5.0	0.33	ug/L		11/05/14 14:12	11/25/14 13:18	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/05/14 14:12	11/25/14 13:18	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/05/14 14:12	11/25/14 13:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/05/14 14:12	11/25/14 13:18	1
Dibenzofuran	ND		9.9	0.51	ug/L		11/05/14 14:12	11/25/14 13:18	1
Diethyl phthalate	**0.41**	**J**	5.0	0.22	ug/L		11/05/14 14:12	11/25/14 13:18	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/05/14 14:12	11/25/14 13:18	1
Fluoranthene	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 13:18	1
Fluorene	ND		5.0	0.36	ug/L		11/05/14 14:12	11/25/14 13:18	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/05/14 14:12	11/25/14 13:18	1
Hexachlorobutadiene	ND		5.0	0.67	ug/L		11/05/14 14:12	11/25/14 13:18	1
Hexachlorocyclopentadiene	ND		5.0	0.58	ug/L		11/05/14 14:12	11/25/14 13:18	1
Hexachloroethane	ND		5.0	0.58	ug/L		11/05/14 14:12	11/25/14 13:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		11/05/14 14:12	11/25/14 13:18	1
Isophorone	ND		5.0	0.43	ug/L		11/05/14 14:12	11/25/14 13:18	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/05/14 14:12	11/25/14 13:18	1

Client Sample ID: RW-4

Lab Sample ID: 480-70664-1

Date Collected: 11/04/14 08:45

Matrix: Water

Date Received: 11/04/14 15:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/05/14 14:12	11/25/14 13:18	1
Naphthalene	ND		5.0	0.75	ug/L		11/05/14 14:12	11/25/14 13:18	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/05/14 14:12	11/25/14 13:18	1
Pentachlorophenol	ND		9.9	2.2	ug/L		11/05/14 14:12	11/25/14 13:18	1
Phenanthrene	ND		5.0	0.44	ug/L		11/05/14 14:12	11/25/14 13:18	1
Phenol	**0.79**	**J**	5.0	0.39	ug/L		11/05/14 14:12	11/25/14 13:18	1
Pyrene	ND		5.0	0.34	ug/L		11/05/14 14:12	11/25/14 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*52 - 132*	*11/05/14 14:12*	*11/25/14 13:18*	*1*
2-Fluorobiphenyl	*71*		*48 - 120*	*11/05/14 14:12*	*11/25/14 13:18*	*1*
2-Fluorophenol	*75*		*20 - 120*	*11/05/14 14:12*	*11/25/14 13:18*	*1*
Nitrobenzene-d5	*97*		*46 - 120*	*11/05/14 14:12*	*11/25/14 13:18*	*1*
p-Terphenyl-d14	*68*		*67 - 150*	*11/05/14 14:12*	*11/25/14 13:18*	*1*
Phenol-d5	*50*		*16 - 120*	*11/05/14 14:12*	*11/25/14 13:18*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.49	0.17	ug/L		11/05/14 07:58	11/06/14 16:27	1
PCB-1221	ND		0.49	0.17	ug/L		11/05/14 07:58	11/06/14 16:27	1
PCB-1232	ND		0.49	0.17	ug/L		11/05/14 07:58	11/06/14 16:27	1
PCB-1242	ND		0.49	0.17	ug/L		11/05/14 07:58	11/06/14 16:27	1
PCB-1248	ND		0.49	0.17	ug/L		11/05/14 07:58	11/06/14 16:27	1
PCB-1254	ND		0.49	0.25	ug/L		11/05/14 07:58	11/06/14 16:27	1
PCB-1260	ND		0.49	0.25	ug/L		11/05/14 07:58	11/06/14 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*19 - 126*	*11/05/14 07:58*	*11/06/14 16:27*	*1*
Tetrachloro-m-xylene	*71*		*23 - 127*	*11/05/14 07:58*	*11/06/14 16:27*	*1*

Client Sample ID: RW-5

Lab Sample ID: 480-70664-2

Date Collected: 11/04/14 10:35

Matrix: Water

Date Received: 11/04/14 15:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 23:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 23:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 23:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 23:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 23:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 23:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 23:24	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 23:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 23:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 23:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 23:24	1
Acetone	ND		10	3.0	ug/L			11/13/14 23:24	1
Benzene	**4.4**		1.0	0.41	ug/L			11/13/14 23:24	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			11/13/14 23:24	1

Client Sample ID: RW-5
Date Collected: 11/04/14 10:35
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			11/13/14 23:24	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 23:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 23:24	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			11/13/14 23:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 23:24	1
Dibromochloromethane	ND	*	1.0	0.32	ug/L			11/13/14 23:24	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 23:24	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 23:24	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 23:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 23:24	1
Ethylbenzene	**0.90**	**J**	1.0	0.74	ug/L			11/13/14 23:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 23:24	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 23:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 23:24	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 23:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 23:24	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 23:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 23:24	1
Xylenes, Total	**3.4**		2.0	0.66	ug/L			11/13/14 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*11/13/14 23:24*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*11/13/14 23:24*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*11/13/14 23:24*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*11/13/14 23:24*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.3	0.55	ug/L		11/05/14 14:12	11/25/14 13:44	1
1,2,4-Trichlorobenzene	ND		11	0.47	ug/L		11/05/14 14:12	11/25/14 13:44	1
2,4,5-Trichlorophenol	ND		5.3	0.51	ug/L		11/05/14 14:12	11/25/14 13:44	1
1,2-Dichlorobenzene	ND		11	0.43	ug/L		11/05/14 14:12	11/25/14 13:44	1
2,4,6-Trichlorophenol	ND		5.3	0.65	ug/L		11/05/14 14:12	11/25/14 13:44	1
2,4-Dichlorophenol	ND		5.3	0.54	ug/L		11/05/14 14:12	11/25/14 13:44	1
2,4-Dimethylphenol	ND		5.3	0.53	ug/L		11/05/14 14:12	11/25/14 13:44	1
1,3-Dichlorobenzene	ND		11	0.51	ug/L		11/05/14 14:12	11/25/14 13:44	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		11/05/14 14:12	11/25/14 13:44	1
2,4-Dinitrotoluene	ND		5.3	0.48	ug/L		11/05/14 14:12	11/25/14 13:44	1
1,4-Dichlorobenzene	ND		11	0.49	ug/L		11/05/14 14:12	11/25/14 13:44	1
2,6-Dinitrotoluene	ND		5.3	0.43	ug/L		11/05/14 14:12	11/25/14 13:44	1
2-Chloronaphthalene	ND		5.3	0.49	ug/L		11/05/14 14:12	11/25/14 13:44	1
2-Chlorophenol	ND		5.3	0.56	ug/L		11/05/14 14:12	11/25/14 13:44	1
2-Methylnaphthalene	ND		5.3	0.64	ug/L		11/05/14 14:12	11/25/14 13:44	1
2-Methylphenol	ND		5.3	0.43	ug/L		11/05/14 14:12	11/25/14 13:44	1
2-Nitroaniline	ND		11	0.45	ug/L		11/05/14 14:12	11/25/14 13:44	1
2-Nitrophenol	ND		5.3	0.51	ug/L		11/05/14 14:12	11/25/14 13:44	1
3,3'-Dichlorobenzidine	ND	*	5.3	0.43	ug/L		11/05/14 14:12	11/25/14 13:44	1
3-Nitroaniline	ND	*	11	0.51	ug/L		11/05/14 14:12	11/25/14 13:44	1
4,6-Dinitro-2-methylphenol	ND		11	2.3	ug/L		11/05/14 14:12	11/25/14 13:44	1
4-Bromophenyl phenyl ether	ND		5.3	0.48	ug/L		11/05/14 14:12	11/25/14 13:44	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: RW-5
Date Collected: 11/04/14 10:35
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		5.3	0.48	ug/L		11/05/14 14:12	11/25/14 13:44	1
4-Chloroaniline	ND	*	5.3	0.63	ug/L		11/05/14 14:12	11/25/14 13:44	1
4-Chlorophenyl phenyl ether	ND		5.3	0.37	ug/L		11/05/14 14:12	11/25/14 13:44	1
4-Methylphenol	ND		11	0.38	ug/L		11/05/14 14:12	11/25/14 13:44	1
4-Nitroaniline	ND		11	0.27	ug/L		11/05/14 14:12	11/25/14 13:44	1
4-Nitrophenol	ND		11	1.6	ug/L		11/05/14 14:12	11/25/14 13:44	1
Acenaphthene	ND		5.3	0.44	ug/L		11/05/14 14:12	11/25/14 13:44	1
Acenaphthylene	ND		5.3	0.40	ug/L		11/05/14 14:12	11/25/14 13:44	1
Anthracene	ND		5.3	0.30	ug/L		11/05/14 14:12	11/25/14 13:44	1
Benzo[a]anthracene	ND		5.3	0.38	ug/L		11/05/14 14:12	11/25/14 13:44	1
Benzo[a]pyrene	ND		5.3	0.50	ug/L		11/05/14 14:12	11/25/14 13:44	1
Benzo[b]fluoranthene	ND		5.3	0.36	ug/L		11/05/14 14:12	11/25/14 13:44	1
Benzo[g,h,i]perylene	ND		5.3	0.37	ug/L		11/05/14 14:12	11/25/14 13:44	1
Benzo[k]fluoranthene	ND		5.3	0.78	ug/L		11/05/14 14:12	11/25/14 13:44	1
Bis(2-chloroethoxy)methane	ND		5.3	0.37	ug/L		11/05/14 14:12	11/25/14 13:44	1
Bis(2-chloroethyl)ether	ND		5.3	0.43	ug/L		11/05/14 14:12	11/25/14 13:44	1
Bis(2-ethylhexyl) phthalate	**3.8**	**J**	5.3	1.9	ug/L		11/05/14 14:12	11/25/14 13:44	1
Butyl benzyl phthalate	**1.2**	**J B**	5.3	0.45	ug/L		11/05/14 14:12	11/25/14 13:44	1
Carbazole	ND	*	5.3	0.32	ug/L		11/05/14 14:12	11/25/14 13:44	1
Chrysene	ND		5.3	0.35	ug/L		11/05/14 14:12	11/25/14 13:44	1
Di-n-butyl phthalate	**0.37**	**J**	5.3	0.33	ug/L		11/05/14 14:12	11/25/14 13:44	1
Di-n-octyl phthalate	ND		5.3	0.50	ug/L		11/05/14 14:12	11/25/14 13:44	1
Dibenz(a,h)anthracene	ND		5.3	0.45	ug/L		11/05/14 14:12	11/25/14 13:44	1
Dibenzofuran	ND		11	0.54	ug/L		11/05/14 14:12	11/25/14 13:44	1
Diethyl phthalate	ND		5.3	0.23	ug/L		11/05/14 14:12	11/25/14 13:44	1
Dimethyl phthalate	ND		5.3	0.38	ug/L		11/05/14 14:12	11/25/14 13:44	1
Fluoranthene	ND		5.3	0.43	ug/L		11/05/14 14:12	11/25/14 13:44	1
Fluorene	ND		5.3	0.38	ug/L		11/05/14 14:12	11/25/14 13:44	1
Hexachlorobenzene	ND		5.3	0.54	ug/L		11/05/14 14:12	11/25/14 13:44	1
Hexachlorobutadiene	ND		5.3	0.72	ug/L		11/05/14 14:12	11/25/14 13:44	1
Hexachlorocyclopentadiene	ND		5.3	0.63	ug/L		11/05/14 14:12	11/25/14 13:44	1
Hexachloroethane	ND		5.3	0.63	ug/L		11/05/14 14:12	11/25/14 13:44	1
Indeno[1,2,3-cd]pyrene	ND		5.3	0.50	ug/L		11/05/14 14:12	11/25/14 13:44	1
Isophorone	ND		5.3	0.46	ug/L		11/05/14 14:12	11/25/14 13:44	1
N-Nitrosodi-n-propylamine	ND		5.3	0.57	ug/L		11/05/14 14:12	11/25/14 13:44	1
N-Nitrosodiphenylamine	ND		5.3	0.54	ug/L		11/05/14 14:12	11/25/14 13:44	1
Naphthalene	**15**		5.3	0.81	ug/L		11/05/14 14:12	11/25/14 13:44	1
Nitrobenzene	ND		5.3	0.31	ug/L		11/05/14 14:12	11/25/14 13:44	1
Pentachlorophenol	ND		11	2.3	ug/L		11/05/14 14:12	11/25/14 13:44	1
Phenanthrene	ND		5.3	0.47	ug/L		11/05/14 14:12	11/25/14 13:44	1
Phenol	ND		5.3	0.41	ug/L		11/05/14 14:12	11/25/14 13:44	1
Pyrene	ND		5.3	0.36	ug/L		11/05/14 14:12	11/25/14 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*52 - 132*	*11/05/14 14:12*	*11/25/14 13:44*	*1*
2-Fluorobiphenyl	*67*		*48 - 120*	*11/05/14 14:12*	*11/25/14 13:44*	*1*
2-Fluorophenol	*71*		*20 - 120*	*11/05/14 14:12*	*11/25/14 13:44*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*11/05/14 14:12*	*11/25/14 13:44*	*1*
p-Terphenyl-d14	*68*		*67 - 150*	*11/05/14 14:12*	*11/25/14 13:44*	*1*
Phenol-d5	*44*		*16 - 120*	*11/05/14 14:12*	*11/25/14 13:44*	*1*

Client Sample ID: RW-5

Lab Sample ID: 480-70664-2

Date Collected: 11/04/14 10:35

Matrix: Water

Date Received: 11/04/14 15:45

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.53	0.19	ug/L		11/05/14 07:58	11/06/14 16:43	1
PCB-1221	ND		0.53	0.19	ug/L		11/05/14 07:58	11/06/14 16:43	1
PCB-1232	ND		0.53	0.19	ug/L		11/05/14 07:58	11/06/14 16:43	1
PCB-1242	ND		0.53	0.19	ug/L		11/05/14 07:58	11/06/14 16:43	1
PCB-1248	ND		0.53	0.19	ug/L		11/05/14 07:58	11/06/14 16:43	1
PCB-1254	ND		0.53	0.26	ug/L		11/05/14 07:58	11/06/14 16:43	1
PCB-1260	ND		0.53	0.26	ug/L		11/05/14 07:58	11/06/14 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*19 - 126*	*11/05/14 07:58*	*11/06/14 16:43*	*1*
Tetrachloro-m-xylene	*86*		*23 - 127*	*11/05/14 07:58*	*11/06/14 16:43*	*1*

Client Sample ID: S-1

Lab Sample ID: 480-70664-3

Date Collected: 11/04/14 13:15

Matrix: Water

Date Received: 11/04/14 15:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 23:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 23:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 23:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 23:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 23:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 23:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 23:48	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 23:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 23:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 23:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 23:48	1
Acetone	**3.0**	**J**	10	3.0	ug/L			11/13/14 23:48	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 23:48	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			11/13/14 23:48	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 23:48	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 23:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 23:48	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			11/13/14 23:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 23:48	1
Dibromochloromethane	ND	*	1.0	0.32	ug/L			11/13/14 23:48	1
Chloroethane	**0.66**	**J**	1.0	0.32	ug/L			11/13/14 23:48	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 23:48	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 23:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 23:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 23:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 23:48	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 23:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 23:48	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 23:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 23:48	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 23:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 23:48	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-1
Date Collected: 11/04/14 13:15
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*11/13/14 23:48*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*11/13/14 23:48*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*11/13/14 23:48*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*11/13/14 23:48*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		11/05/14 14:12	11/25/14 14:11	1
1,2,4-Trichlorobenzene	ND		9.4	0.42	ug/L		11/05/14 14:12	11/25/14 14:11	1
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		11/05/14 14:12	11/25/14 14:11	1
1,2-Dichlorobenzene	ND		9.4	0.38	ug/L		11/05/14 14:12	11/25/14 14:11	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		11/05/14 14:12	11/25/14 14:11	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		11/05/14 14:12	11/25/14 14:11	1
2,4-Dimethylphenol	**18**		4.7	0.47	ug/L		11/05/14 14:12	11/25/14 14:11	1
1,3-Dichlorobenzene	ND		9.4	0.45	ug/L		11/05/14 14:12	11/25/14 14:11	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		11/05/14 14:12	11/25/14 14:11	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/05/14 14:12	11/25/14 14:11	1
1,4-Dichlorobenzene	ND		9.4	0.43	ug/L		11/05/14 14:12	11/25/14 14:11	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		11/05/14 14:12	11/25/14 14:11	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/05/14 14:12	11/25/14 14:11	1
2-Chlorophenol	ND		4.7	0.50	ug/L		11/05/14 14:12	11/25/14 14:11	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		11/05/14 14:12	11/25/14 14:11	1
2-Methylphenol	**0.70**	**J**	4.7	0.38	ug/L		11/05/14 14:12	11/25/14 14:11	1
2-Nitroaniline	ND		9.4	0.40	ug/L		11/05/14 14:12	11/25/14 14:11	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/05/14 14:12	11/25/14 14:11	1
3,3'-Dichlorobenzidine	ND	*	4.7	0.38	ug/L		11/05/14 14:12	11/25/14 14:11	1
3-Nitroaniline	ND	*	9.4	0.45	ug/L		11/05/14 14:12	11/25/14 14:11	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		11/05/14 14:12	11/25/14 14:11	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/05/14 14:12	11/25/14 14:11	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/05/14 14:12	11/25/14 14:11	1
4-Chloroaniline	ND	*	4.7	0.56	ug/L		11/05/14 14:12	11/25/14 14:11	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:11	1
4-Methylphenol	**1.0**	**J**	9.4	0.34	ug/L		11/05/14 14:12	11/25/14 14:11	1
4-Nitroaniline	ND		9.4	0.24	ug/L		11/05/14 14:12	11/25/14 14:11	1
4-Nitrophenol	ND		9.4	1.4	ug/L		11/05/14 14:12	11/25/14 14:11	1
Acenaphthene	**0.90**	**J**	4.7	0.39	ug/L		11/05/14 14:12	11/25/14 14:11	1
Acenaphthylene	ND		4.7	0.36	ug/L		11/05/14 14:12	11/25/14 14:11	1
Anthracene	**0.69**	**J**	4.7	0.26	ug/L		11/05/14 14:12	11/25/14 14:11	1
Benzo[a]anthracene	ND		4.7	0.34	ug/L		11/05/14 14:12	11/25/14 14:11	1
Benzo[a]pyrene	**0.48**	**J**	4.7	0.44	ug/L		11/05/14 14:12	11/25/14 14:11	1
Benzo[b]fluoranthene	**0.79**	**J**	4.7	0.32	ug/L		11/05/14 14:12	11/25/14 14:11	1
Benzo[g,h,i]perylene	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:11	1
Benzo[k]fluoranthene	ND		4.7	0.69	ug/L		11/05/14 14:12	11/25/14 14:11	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:11	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		11/05/14 14:12	11/25/14 14:11	1
Bis(2-ethylhexyl) phthalate	**3.7**	**J**	4.7	1.7	ug/L		11/05/14 14:12	11/25/14 14:11	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		11/05/14 14:12	11/25/14 14:11	1

Client Sample ID: S-1
Date Collected: 11/04/14 13:15
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	**0.45**	**J ***	4.7	0.28	ug/L		11/05/14 14:12	11/25/14 14:11	1
Chrysene	ND		4.7	0.31	ug/L		11/05/14 14:12	11/25/14 14:11	1
Di-n-butyl phthalate	**0.48**	**J**	4.7	0.29	ug/L		11/05/14 14:12	11/25/14 14:11	1
Di-n-octyl phthalate	**2.5**	**J**	4.7	0.44	ug/L		11/05/14 14:12	11/25/14 14:11	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		11/05/14 14:12	11/25/14 14:11	1
Dibenzofuran	ND		9.4	0.48	ug/L		11/05/14 14:12	11/25/14 14:11	1
Diethyl phthalate	ND		4.7	0.21	ug/L		11/05/14 14:12	11/25/14 14:11	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		11/05/14 14:12	11/25/14 14:11	1
Fluoranthene	**0.55**	**J**	4.7	0.38	ug/L		11/05/14 14:12	11/25/14 14:11	1
Fluorene	**0.43**	**J**	4.7	0.34	ug/L		11/05/14 14:12	11/25/14 14:11	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		11/05/14 14:12	11/25/14 14:11	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		11/05/14 14:12	11/25/14 14:11	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		11/05/14 14:12	11/25/14 14:11	1
Hexachloroethane	ND		4.7	0.56	ug/L		11/05/14 14:12	11/25/14 14:11	1
Indeno[1,2,3-cd]pyrene	**0.47**	**J**	4.7	0.44	ug/L		11/05/14 14:12	11/25/14 14:11	1
Isophorone	ND		4.7	0.41	ug/L		11/05/14 14:12	11/25/14 14:11	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		11/05/14 14:12	11/25/14 14:11	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		11/05/14 14:12	11/25/14 14:11	1
Naphthalene	ND		4.7	0.72	ug/L		11/05/14 14:12	11/25/14 14:11	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/05/14 14:12	11/25/14 14:11	1
Pentachlorophenol	ND		9.4	2.1	ug/L		11/05/14 14:12	11/25/14 14:11	1
Phenanthrene	ND		4.7	0.42	ug/L		11/05/14 14:12	11/25/14 14:11	1
Phenol	**0.81**	**J**	4.7	0.37	ug/L		11/05/14 14:12	11/25/14 14:11	1
Pyrene	**0.54**	**J**	4.7	0.32	ug/L		11/05/14 14:12	11/25/14 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*110*		*52 - 132*	*11/05/14 14:12*	*11/25/14 14:11*	*1*
2-Fluorobiphenyl	*68*		*48 - 120*	*11/05/14 14:12*	*11/25/14 14:11*	*1*
2-Fluorophenol	*83*		*20 - 120*	*11/05/14 14:12*	*11/25/14 14:11*	*1*
Nitrobenzene-d5	*100*		*46 - 120*	*11/05/14 14:12*	*11/25/14 14:11*	*1*
p-Terphenyl-d14	*56*	*X*	*67 - 150*	*11/05/14 14:12*	*11/25/14 14:11*	*1*
Phenol-d5	*51*		*16 - 120*	*11/05/14 14:12*	*11/25/14 14:11*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.045	ug/L		11/06/14 08:26	11/07/14 16:05	5
4,4'-DDE	ND		0.25	0.057	ug/L		11/06/14 08:26	11/07/14 16:05	5
4,4'-DDT	ND		0.25	0.054	ug/L		11/06/14 08:26	11/07/14 16:05	5
Aldrin	ND		0.25	0.040	ug/L		11/06/14 08:26	11/07/14 16:05	5
alpha-BHC	ND		0.25	0.038	ug/L		11/06/14 08:26	11/07/14 16:05	5
alpha-Chlordane	ND		0.25	0.073	ug/L		11/06/14 08:26	11/07/14 16:05	5
beta-BHC	ND		0.25	0.12	ug/L		11/06/14 08:26	11/07/14 16:05	5
delta-BHC	ND		0.25	0.049	ug/L		11/06/14 08:26	11/07/14 16:05	5
Dieldrin	ND		0.25	0.048	ug/L		11/06/14 08:26	11/07/14 16:05	5
Endosulfan I	ND		0.25	0.054	ug/L		11/06/14 08:26	11/07/14 16:05	5
Endosulfan II	ND		0.25	0.059	ug/L		11/06/14 08:26	11/07/14 16:05	5
Endosulfan sulfate	ND		0.25	0.077	ug/L		11/06/14 08:26	11/07/14 16:05	5
Endrin	ND		0.25	0.068	ug/L		11/06/14 08:26	11/07/14 16:05	5
Endrin aldehyde	ND		0.25	0.080	ug/L		11/06/14 08:26	11/07/14 16:05	5
Endrin ketone	ND		0.25	0.059	ug/L		11/06/14 08:26	11/07/14 16:05	5

Client Sample ID: S-1
Date Collected: 11/04/14 13:15
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-3
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.25	0.039	ug/L		11/06/14 08:26	11/07/14 16:05	5
gamma-Chlordane	ND		0.25	0.054	ug/L		11/06/14 08:26	11/07/14 16:05	5
Heptachlor	ND		0.25	0.042	ug/L		11/06/14 08:26	11/07/14 16:05	5
Heptachlor epoxide	ND		0.25	0.036	ug/L		11/06/14 08:26	11/07/14 16:05	5
Methoxychlor	ND		0.25	0.069	ug/L		11/06/14 08:26	11/07/14 16:05	5
Toxaphene	ND		2.5	0.59	ug/L		11/06/14 08:26	11/07/14 16:05	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*45*		*20 - 120*	*11/06/14 08:26*	*11/07/14 16:05*	*5*
Tetrachloro-m-xylene	*67*		*36 - 120*	*11/06/14 08:26*	*11/07/14 16:05*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		11/05/14 07:58	11/06/14 16:58	1
PCB-1221	ND		0.47	0.17	ug/L		11/05/14 07:58	11/06/14 16:58	1
PCB-1232	ND		0.47	0.17	ug/L		11/05/14 07:58	11/06/14 16:58	1
PCB-1242	ND		0.47	0.17	ug/L		11/05/14 07:58	11/06/14 16:58	1
PCB-1248	**0.63**		0.47	0.17	ug/L		11/05/14 07:58	11/06/14 16:58	1
PCB-1254	ND		0.47	0.23	ug/L		11/05/14 07:58	11/06/14 16:58	1
PCB-1260	ND		0.47	0.23	ug/L		11/05/14 07:58	11/06/14 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*19 - 126*	*11/05/14 07:58*	*11/06/14 16:58*	*1*
Tetrachloro-m-xylene	*87*		*23 - 127*	*11/05/14 07:58*	*11/06/14 16:58*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/05/14 09:47	11/07/14 18:59	1
Antimony	ND		0.020	0.0068	mg/L		11/05/14 09:47	11/07/14 18:59	1
Arsenic	ND		0.010	0.0056	mg/L		11/05/14 09:47	11/07/14 18:59	1
Barium	**0.15**		0.0020	0.00070	mg/L		11/05/14 09:47	11/07/14 18:59	1
Beryllium	ND		0.0020	0.00030	mg/L		11/05/14 09:47	11/07/14 18:59	1
Cadmium	ND		0.0010	0.00050	mg/L		11/05/14 09:47	11/07/14 18:59	1
Calcium	**55.9**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 18:59	1
Chromium	**0.0019**	**J**	0.0040	0.0010	mg/L		11/05/14 09:47	11/07/14 18:59	1
Cobalt	ND		0.0040	0.00063	mg/L		11/05/14 09:47	11/07/14 18:59	1
Copper	ND		0.010	0.0016	mg/L		11/05/14 09:47	11/07/14 18:59	1
Iron	**4.1**		0.050	0.019	mg/L		11/05/14 09:47	11/07/14 18:59	1
Lead	**0.0042**	**J**	0.0050	0.0030	mg/L		11/05/14 09:47	11/07/14 18:59	1
Magnesium	**13.7**		0.20	0.043	mg/L		11/05/14 09:47	11/07/14 18:59	1
Manganese	**0.59**		0.0030	0.00040	mg/L		11/05/14 09:47	11/07/14 18:59	1
Nickel	ND		0.010	0.0013	mg/L		11/05/14 09:47	11/07/14 18:59	1
Potassium	**20.1**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 18:59	1
Selenium	ND		0.015	0.0087	mg/L		11/05/14 09:47	11/07/14 18:59	1
Silver	ND		0.0030	0.0017	mg/L		11/05/14 09:47	11/07/14 18:59	1
Sodium	**68.0**		1.0	0.32	mg/L		11/05/14 09:47	11/07/14 18:59	1
Thallium	ND		0.020	0.010	mg/L		11/05/14 09:47	11/07/14 18:59	1
Vanadium	ND		0.0050	0.0015	mg/L		11/05/14 09:47	11/07/14 18:59	1
Zinc	**0.0035**	**J B**	0.010	0.0015	mg/L		11/05/14 09:47	11/07/14 18:59	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-1

Lab Sample ID: 480-70664-3

Date Collected: 11/04/14 13:15

Matrix: Water

Date Received: 11/04/14 15:45

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/05/14 09:30	11/05/14 14:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0073**	**J B**	0.010	0.0050	mg/L		11/06/14 14:28	11/06/14 17:34	1

Client Sample ID: S-2

Lab Sample ID: 480-70664-4

Date Collected: 11/04/14 13:45

Matrix: Water

Date Received: 11/04/14 15:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/14/14 12:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/14/14 12:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/14/14 12:08	1
1,1-Dichloroethane	**1.1**		1.0	0.38	ug/L			11/14/14 12:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/14/14 12:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/14/14 12:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/14/14 12:08	1
2-Hexanone	ND		5.0	1.2	ug/L			11/14/14 12:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/14/14 12:08	1
1,2-Dichloroethene, Total	**12**		2.0	0.81	ug/L			11/14/14 12:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/14/14 12:08	1
Acetone	ND		10	3.0	ug/L			11/14/14 12:08	1
Benzene	**0.80**	**J**	1.0	0.41	ug/L			11/14/14 12:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/14/14 12:08	1
Bromoform	ND		1.0	0.26	ug/L			11/14/14 12:08	1
Bromomethane	ND		1.0	0.69	ug/L			11/14/14 12:08	1
Carbon disulfide	**0.42**	**J**	1.0	0.19	ug/L			11/14/14 12:08	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			11/14/14 12:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/14/14 12:08	1
Dibromochloromethane	ND	*	1.0	0.32	ug/L			11/14/14 12:08	1
Chloroethane	ND		1.0	0.32	ug/L			11/14/14 12:08	1
Chloroform	ND		1.0	0.34	ug/L			11/14/14 12:08	1
Chloromethane	ND		1.0	0.35	ug/L			11/14/14 12:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/14/14 12:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/14/14 12:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/14 12:08	1
Styrene	ND		1.0	0.73	ug/L			11/14/14 12:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/14/14 12:08	1
Toluene	ND		1.0	0.51	ug/L			11/14/14 12:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/14/14 12:08	1
Trichloroethene	**0.80**	**J**	1.0	0.46	ug/L			11/14/14 12:08	1
Vinyl chloride	**3.8**		1.0	0.90	ug/L			11/14/14 12:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/14/14 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*11/14/14 12:08*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*11/14/14 12:08*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*11/14/14 12:08*	*1*

Client Sample ID: S-2
Date Collected: 11/04/14 13:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	98		60 - 140		11/14/14 12:08	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.7	0.48	ug/L		11/05/14 14:12	11/25/14 14:37	1
1,2,4-Trichlorobenzene	ND		9.3	0.41	ug/L		11/05/14 14:12	11/25/14 14:37	1
2,4,5-Trichlorophenol	**0.45**	**J**	4.7	0.45	ug/L		11/05/14 14:12	11/25/14 14:37	1
1,2-Dichlorobenzene	ND		9.3	0.37	ug/L		11/05/14 14:12	11/25/14 14:37	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		11/05/14 14:12	11/25/14 14:37	1
2,4-Dichlorophenol	ND		4.7	0.47	ug/L		11/05/14 14:12	11/25/14 14:37	1
2,4-Dimethylphenol	**5.5**		4.7	0.47	ug/L		11/05/14 14:12	11/25/14 14:37	1
1,3-Dichlorobenzene	ND		9.3	0.45	ug/L		11/05/14 14:12	11/25/14 14:37	1
2,4-Dinitrophenol	ND		9.3	2.1	ug/L		11/05/14 14:12	11/25/14 14:37	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		11/05/14 14:12	11/25/14 14:37	1
1,4-Dichlorobenzene	ND		9.3	0.43	ug/L		11/05/14 14:12	11/25/14 14:37	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		11/05/14 14:12	11/25/14 14:37	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		11/05/14 14:12	11/25/14 14:37	1
2-Chlorophenol	ND		4.7	0.49	ug/L		11/05/14 14:12	11/25/14 14:37	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		11/05/14 14:12	11/25/14 14:37	1
2-Methylphenol	**1.3**	**J**	4.7	0.37	ug/L		11/05/14 14:12	11/25/14 14:37	1
2-Nitroaniline	ND		9.3	0.39	ug/L		11/05/14 14:12	11/25/14 14:37	1
2-Nitrophenol	ND		4.7	0.45	ug/L		11/05/14 14:12	11/25/14 14:37	1
3,3'-Dichlorobenzidine	ND	*	4.7	0.37	ug/L		11/05/14 14:12	11/25/14 14:37	1
3-Nitroaniline	ND	*	9.3	0.45	ug/L		11/05/14 14:12	11/25/14 14:37	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		11/05/14 14:12	11/25/14 14:37	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		11/05/14 14:12	11/25/14 14:37	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		11/05/14 14:12	11/25/14 14:37	1
4-Chloroaniline	ND	*	4.7	0.55	ug/L		11/05/14 14:12	11/25/14 14:37	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:37	1
4-Methylphenol	**2.2**	**J**	9.3	0.33	ug/L		11/05/14 14:12	11/25/14 14:37	1
4-Nitroaniline	ND		9.3	0.23	ug/L		11/05/14 14:12	11/25/14 14:37	1
4-Nitrophenol	ND		9.3	1.4	ug/L		11/05/14 14:12	11/25/14 14:37	1
Acenaphthene	**0.49**	**J**	4.7	0.38	ug/L		11/05/14 14:12	11/25/14 14:37	1
Acenaphthylene	ND		4.7	0.35	ug/L		11/05/14 14:12	11/25/14 14:37	1
Anthracene	ND		4.7	0.26	ug/L		11/05/14 14:12	11/25/14 14:37	1
Benzo[a]anthracene	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:37	1
Benzo[a]pyrene	ND		4.7	0.44	ug/L		11/05/14 14:12	11/25/14 14:37	1
Benzo[b]fluoranthene	**0.65**	**J**	4.7	0.32	ug/L		11/05/14 14:12	11/25/14 14:37	1
Benzo[g,h,i]perylene	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:37	1
Benzo[k]fluoranthene	ND		4.7	0.68	ug/L		11/05/14 14:12	11/25/14 14:37	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:37	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		11/05/14 14:12	11/25/14 14:37	1
Bis(2-ethylhexyl) phthalate	**3.5**	**J**	4.7	1.7	ug/L		11/05/14 14:12	11/25/14 14:37	1
Butyl benzyl phthalate	ND		4.7	0.39	ug/L		11/05/14 14:12	11/25/14 14:37	1
Carbazole	ND	*	4.7	0.28	ug/L		11/05/14 14:12	11/25/14 14:37	1
Chrysene	ND		4.7	0.31	ug/L		11/05/14 14:12	11/25/14 14:37	1
Di-n-butyl phthalate	**0.29**	**J**	4.7	0.29	ug/L		11/05/14 14:12	11/25/14 14:37	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		11/05/14 14:12	11/25/14 14:37	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		11/05/14 14:12	11/25/14 14:37	1

Client Sample ID: S-2
Date Collected: 11/04/14 13:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		9.3	0.47	ug/L		11/05/14 14:12	11/25/14 14:37	1
Diethyl phthalate	ND		4.7	0.20	ug/L		11/05/14 14:12	11/25/14 14:37	1
Dimethyl phthalate	ND		4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:37	1
Fluoranthene	ND		4.7	0.37	ug/L		11/05/14 14:12	11/25/14 14:37	1
Fluorene	**0.40**	**J**	4.7	0.33	ug/L		11/05/14 14:12	11/25/14 14:37	1
Hexachlorobenzene	ND		4.7	0.47	ug/L		11/05/14 14:12	11/25/14 14:37	1
Hexachlorobutadiene	ND		4.7	0.63	ug/L		11/05/14 14:12	11/25/14 14:37	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		11/05/14 14:12	11/25/14 14:37	1
Hexachloroethane	ND		4.7	0.55	ug/L		11/05/14 14:12	11/25/14 14:37	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.44	ug/L		11/05/14 14:12	11/25/14 14:37	1
Isophorone	ND		4.7	0.40	ug/L		11/05/14 14:12	11/25/14 14:37	1
N-Nitrosodi-n-propylamine	ND		4.7	0.50	ug/L		11/05/14 14:12	11/25/14 14:37	1
N-Nitrosodiphenylamine	ND		4.7	0.47	ug/L		11/05/14 14:12	11/25/14 14:37	1
Naphthalene	**1.1**	**J**	4.7	0.71	ug/L		11/05/14 14:12	11/25/14 14:37	1
Nitrobenzene	ND		4.7	0.27	ug/L		11/05/14 14:12	11/25/14 14:37	1
Pentachlorophenol	ND		9.3	2.0	ug/L		11/05/14 14:12	11/25/14 14:37	1
Phenanthrene	**0.61**	**J**	4.7	0.41	ug/L		11/05/14 14:12	11/25/14 14:37	1
Phenol	**0.51**	**J**	4.7	0.36	ug/L		11/05/14 14:12	11/25/14 14:37	1
Pyrene	ND		4.7	0.32	ug/L		11/05/14 14:12	11/25/14 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*52 - 132*	*11/05/14 14:12*	*11/25/14 14:37*	*1*
2-Fluorobiphenyl	*72*		*48 - 120*	*11/05/14 14:12*	*11/25/14 14:37*	*1*
2-Fluorophenol	*88*		*20 - 120*	*11/05/14 14:12*	*11/25/14 14:37*	*1*
Nitrobenzene-d5	*81*		*46 - 120*	*11/05/14 14:12*	*11/25/14 14:37*	*1*
p-Terphenyl-d14	*69*		*67 - 150*	*11/05/14 14:12*	*11/25/14 14:37*	*1*
Phenol-d5	*56*		*16 - 120*	*11/05/14 14:12*	*11/25/14 14:37*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.047	0.0086	ug/L		11/06/14 08:26	11/07/14 16:23	1
4,4'-DDE	ND		0.047	0.011	ug/L		11/06/14 08:26	11/07/14 16:23	1
4,4'-DDT	ND		0.047	0.010	ug/L		11/06/14 08:26	11/07/14 16:23	1
Aldrin	ND		0.047	0.0076	ug/L		11/06/14 08:26	11/07/14 16:23	1
alpha-BHC	**0.011**	**J B**	0.047	0.0072	ug/L		11/06/14 08:26	11/07/14 16:23	1
alpha-Chlordane	ND		0.047	0.014	ug/L		11/06/14 08:26	11/07/14 16:23	1
beta-BHC	ND		0.047	0.023	ug/L		11/06/14 08:26	11/07/14 16:23	1
delta-BHC	ND		0.047	0.0094	ug/L		11/06/14 08:26	11/07/14 16:23	1
Dieldrin	ND		0.047	0.0092	ug/L		11/06/14 08:26	11/07/14 16:23	1
Endosulfan I	ND		0.047	0.010	ug/L		11/06/14 08:26	11/07/14 16:23	1
Endosulfan II	ND		0.047	0.011	ug/L		11/06/14 08:26	11/07/14 16:23	1
Endosulfan sulfate	ND		0.047	0.015	ug/L		11/06/14 08:26	11/07/14 16:23	1
Endrin	ND		0.047	0.013	ug/L		11/06/14 08:26	11/07/14 16:23	1
Endrin aldehyde	ND		0.047	0.015	ug/L		11/06/14 08:26	11/07/14 16:23	1
Endrin ketone	ND		0.047	0.011	ug/L		11/06/14 08:26	11/07/14 16:23	1
gamma-BHC (Lindane)	ND		0.047	0.0075	ug/L		11/06/14 08:26	11/07/14 16:23	1
gamma-Chlordane	ND		0.047	0.010	ug/L		11/06/14 08:26	11/07/14 16:23	1
Heptachlor	ND		0.047	0.0080	ug/L		11/06/14 08:26	11/07/14 16:23	1
Heptachlor epoxide	ND		0.047	0.0069	ug/L		11/06/14 08:26	11/07/14 16:23	1
Methoxychlor	ND		0.047	0.013	ug/L		11/06/14 08:26	11/07/14 16:23	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-2
Date Collected: 11/04/14 13:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-4
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		0.47	0.11	ug/L		11/06/14 08:26	11/07/14 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*20 - 120*	*11/06/14 08:26*	*11/07/14 16:23*	*1*
Tetrachloro-m-xylene	*66*		*36 - 120*	*11/06/14 08:26*	*11/07/14 16:23*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.7	0.95	ug/L		11/05/14 07:58	11/06/14 17:14	5
PCB-1221	ND		2.7	0.95	ug/L		11/05/14 07:58	11/06/14 17:14	5
PCB-1232	ND		2.7	0.95	ug/L		11/05/14 07:58	11/06/14 17:14	5
PCB-1242	ND		2.7	0.95	ug/L		11/05/14 07:58	11/06/14 17:14	5
PCB-1248	ND		2.7	0.95	ug/L		11/05/14 07:58	11/06/14 17:14	5
PCB-1254	ND		2.7	1.3	ug/L		11/05/14 07:58	11/06/14 17:14	5
PCB-1260	ND		2.7	1.3	ug/L		11/05/14 07:58	11/06/14 17:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*19 - 126*	*11/05/14 07:58*	*11/06/14 17:14*	*5*
Tetrachloro-m-xylene	*90*		*23 - 127*	*11/05/14 07:58*	*11/06/14 17:14*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.28**		0.20	0.060	mg/L		11/05/14 09:47	11/07/14 19:10	1
Antimony	ND		0.020	0.0068	mg/L		11/05/14 09:47	11/07/14 19:10	1
Arsenic	ND		0.010	0.0056	mg/L		11/05/14 09:47	11/07/14 19:10	1
Barium	**0.033**		0.0020	0.00070	mg/L		11/05/14 09:47	11/07/14 19:10	1
Beryllium	ND		0.0020	0.00030	mg/L		11/05/14 09:47	11/07/14 19:10	1
Cadmium	ND		0.0010	0.00050	mg/L		11/05/14 09:47	11/07/14 19:10	1
Calcium	**66.2**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 19:10	1
Chromium	**0.0056**		0.0040	0.0010	mg/L		11/05/14 09:47	11/07/14 19:10	1
Cobalt	ND		0.0040	0.00063	mg/L		11/05/14 09:47	11/07/14 19:10	1
Copper	ND		0.010	0.0016	mg/L		11/05/14 09:47	11/07/14 19:10	1
Iron	**0.30**		0.050	0.019	mg/L		11/05/14 09:47	11/07/14 19:10	1
Lead	**0.0041**	**J**	0.0050	0.0030	mg/L		11/05/14 09:47	11/07/14 19:10	1
Magnesium	**0.37**		0.20	0.043	mg/L		11/05/14 09:47	11/07/14 19:10	1
Manganese	**0.0039**		0.0030	0.00040	mg/L		11/05/14 09:47	11/07/14 19:10	1
Nickel	**0.0013**	**J**	0.010	0.0013	mg/L		11/05/14 09:47	11/07/14 19:10	1
Potassium	**36.1**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 19:10	1
Selenium	ND		0.015	0.0087	mg/L		11/05/14 09:47	11/07/14 19:10	1
Silver	ND		0.0030	0.0017	mg/L		11/05/14 09:47	11/07/14 19:10	1
Sodium	**46.2**		1.0	0.32	mg/L		11/05/14 09:47	11/07/14 19:10	1
Thallium	ND		0.020	0.010	mg/L		11/05/14 09:47	11/07/14 19:10	1
Vanadium	**0.011**		0.0050	0.0015	mg/L		11/05/14 09:47	11/07/14 19:10	1
Zinc	**0.0032**	**J B**	0.010	0.0015	mg/L		11/05/14 09:47	11/07/14 19:10	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/05/14 09:30	11/05/14 14:06	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-2

Lab Sample ID: 480-70664-4

Date Collected: 11/04/14 13:45

Matrix: Water

Date Received: 11/04/14 15:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.034**	**B**	0.010	0.0050	mg/L		11/06/14 14:28	11/06/14 17:35	1

Client Sample ID: S-3

Lab Sample ID: 480-70664-5

Date Collected: 11/04/14 14:15

Matrix: Water

Date Received: 11/04/14 15:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/14/14 12:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/14/14 12:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/14/14 12:32	1
1,1-Dichloroethane	**1.9**		1.0	0.38	ug/L			11/14/14 12:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/14/14 12:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/14/14 12:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/14/14 12:32	1
2-Hexanone	ND		5.0	1.2	ug/L			11/14/14 12:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/14/14 12:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/14/14 12:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/14/14 12:32	1
Acetone	ND		10	3.0	ug/L			11/14/14 12:32	1
Benzene	ND		1.0	0.41	ug/L			11/14/14 12:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/14/14 12:32	1
Bromoform	ND		1.0	0.26	ug/L			11/14/14 12:32	1
Bromomethane	ND		1.0	0.69	ug/L			11/14/14 12:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/14/14 12:32	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			11/14/14 12:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/14/14 12:32	1
Dibromochloromethane	ND	*	1.0	0.32	ug/L			11/14/14 12:32	1
Chloroethane	ND		1.0	0.32	ug/L			11/14/14 12:32	1
Chloroform	ND		1.0	0.34	ug/L			11/14/14 12:32	1
Chloromethane	ND		1.0	0.35	ug/L			11/14/14 12:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/14/14 12:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/14/14 12:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/14 12:32	1
Styrene	ND		1.0	0.73	ug/L			11/14/14 12:32	1
Tetrachloroethene	**0.39**	**J**	1.0	0.36	ug/L			11/14/14 12:32	1
Toluene	**0.69**	**J**	1.0	0.51	ug/L			11/14/14 12:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/14/14 12:32	1
Trichloroethene	ND		1.0	0.46	ug/L			11/14/14 12:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/14/14 12:32	1
Xylenes, Total	**1.7**	**J**	2.0	0.66	ug/L			11/14/14 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*11/14/14 12:32*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*11/14/14 12:32*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*11/14/14 12:32*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*11/14/14 12:32*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-3
Date Collected: 11/04/14 14:15
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.49	ug/L		11/05/14 14:12	11/25/14 15:03	1
1,2,4-Trichlorobenzene	ND	*	9.5	0.42	ug/L		11/05/14 14:12	11/25/14 15:03	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		11/05/14 14:12	11/25/14 15:03	1
1,2-Dichlorobenzene	ND		9.5	0.38	ug/L		11/05/14 14:12	11/25/14 15:03	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		11/05/14 14:12	11/25/14 15:03	1
2,4-Dichlorophenol	ND	*	4.8	0.48	ug/L		11/05/14 14:12	11/25/14 15:03	1
2,4-Dimethylphenol	**18**	*	4.8	0.48	ug/L		11/05/14 14:12	11/25/14 15:03	1
1,3-Dichlorobenzene	ND		9.5	0.46	ug/L		11/05/14 14:12	11/25/14 15:03	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		11/05/14 14:12	11/25/14 15:03	1
2,4-Dinitrotoluene	ND		4.8	0.42	ug/L		11/05/14 14:12	11/25/14 15:03	1
1,4-Dichlorobenzene	ND		9.5	0.44	ug/L		11/05/14 14:12	11/25/14 15:03	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:03	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		11/05/14 14:12	11/25/14 15:03	1
2-Chlorophenol	ND		4.8	0.50	ug/L		11/05/14 14:12	11/25/14 15:03	1
2-Methylnaphthalene	ND	*	4.8	0.57	ug/L		11/05/14 14:12	11/25/14 15:03	1
2-Methylphenol	**13**		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:03	1
2-Nitroaniline	ND		9.5	0.40	ug/L		11/05/14 14:12	11/25/14 15:03	1
2-Nitrophenol	ND	*	4.8	0.46	ug/L		11/05/14 14:12	11/25/14 15:03	1
3,3'-Dichlorobenzidine	ND	*	4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:03	1
3-Nitroaniline	ND	*	9.5	0.46	ug/L		11/05/14 14:12	11/25/14 15:03	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		11/05/14 14:12	11/25/14 15:03	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		11/05/14 14:12	11/25/14 15:03	1
4-Chloro-3-methylphenol	ND	*	4.8	0.43	ug/L		11/05/14 14:12	11/25/14 15:03	1
4-Chloroaniline	ND	*	4.8	0.56	ug/L		11/05/14 14:12	11/25/14 15:03	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		11/05/14 14:12	11/25/14 15:03	1
4-Methylphenol	**25**		9.5	0.34	ug/L		11/05/14 14:12	11/25/14 15:03	1
4-Nitroaniline	ND		9.5	0.24	ug/L		11/05/14 14:12	11/25/14 15:03	1
4-Nitrophenol	ND		9.5	1.4	ug/L		11/05/14 14:12	11/25/14 15:03	1
Acenaphthene	**0.66**	**J**	4.8	0.39	ug/L		11/05/14 14:12	11/25/14 15:03	1
Acenaphthylene	ND		4.8	0.36	ug/L		11/05/14 14:12	11/25/14 15:03	1
Anthracene	ND		4.8	0.27	ug/L		11/05/14 14:12	11/25/14 15:03	1
Benzo[a]anthracene	ND		4.8	0.34	ug/L		11/05/14 14:12	11/25/14 15:03	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		11/05/14 14:12	11/25/14 15:03	1
Benzo[b]fluoranthene	**0.65**	**J**	4.8	0.32	ug/L		11/05/14 14:12	11/25/14 15:03	1
Benzo[g,h,i]perylene	ND		4.8	0.33	ug/L		11/05/14 14:12	11/25/14 15:03	1
Benzo[k]fluoranthene	ND		4.8	0.69	ug/L		11/05/14 14:12	11/25/14 15:03	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.33	ug/L		11/05/14 14:12	11/25/14 15:03	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:03	1
Bis(2-ethylhexyl) phthalate	**3.4**	**J**	4.8	1.7	ug/L		11/05/14 14:12	11/25/14 15:03	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		11/05/14 14:12	11/25/14 15:03	1
Carbazole	**0.39**	**J ***	4.8	0.29	ug/L		11/05/14 14:12	11/25/14 15:03	1
Chrysene	ND		4.8	0.31	ug/L		11/05/14 14:12	11/25/14 15:03	1
Di-n-butyl phthalate	**0.31**	**J**	4.8	0.29	ug/L		11/05/14 14:12	11/25/14 15:03	1
Di-n-octyl phthalate	**2.5**	**J**	4.8	0.45	ug/L		11/05/14 14:12	11/25/14 15:03	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		11/05/14 14:12	11/25/14 15:03	1
Dibenzofuran	ND		9.5	0.48	ug/L		11/05/14 14:12	11/25/14 15:03	1
Diethyl phthalate	ND		4.8	0.21	ug/L		11/05/14 14:12	11/25/14 15:03	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		11/05/14 14:12	11/25/14 15:03	1
Fluoranthene	ND		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:03	1

Client Sample ID: S-3
Date Collected: 11/04/14 14:15
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	**0.56**	**J**	4.8	0.34	ug/L		11/05/14 14:12	11/25/14 15:03	1
Hexachlorobenzene	ND		4.8	0.48	ug/L		11/05/14 14:12	11/25/14 15:03	1
Hexachlorobutadiene	ND	*	4.8	0.65	ug/L		11/05/14 14:12	11/25/14 15:03	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		11/05/14 14:12	11/25/14 15:03	1
Hexachloroethane	ND		4.8	0.56	ug/L		11/05/14 14:12	11/25/14 15:03	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		11/05/14 14:12	11/25/14 15:03	1
Isophorone	ND	*	4.8	0.41	ug/L		11/05/14 14:12	11/25/14 15:03	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		11/05/14 14:12	11/25/14 15:03	1
N-Nitrosodiphenylamine	ND		4.8	0.48	ug/L		11/05/14 14:12	11/25/14 15:03	1
Naphthalene	**1.7**	**J ***	4.8	0.72	ug/L		11/05/14 14:12	11/25/14 15:03	1
Nitrobenzene	ND	*	4.8	0.28	ug/L		11/05/14 14:12	11/25/14 15:03	1
Pentachlorophenol	ND		9.5	2.1	ug/L		11/05/14 14:12	11/25/14 15:03	1
Phenanthrene	**0.82**	**J**	4.8	0.42	ug/L		11/05/14 14:12	11/25/14 15:03	1
Phenol	ND		4.8	0.37	ug/L		11/05/14 14:12	11/25/14 15:03	1
Pyrene	ND		4.8	0.32	ug/L		11/05/14 14:12	11/25/14 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 132*	*11/05/14 14:12*	*11/25/14 15:03*	*1*
2-Fluorobiphenyl	*68*		*48 - 120*	*11/05/14 14:12*	*11/25/14 15:03*	*1*
2-Fluorophenol	*71*		*20 - 120*	*11/05/14 14:12*	*11/25/14 15:03*	*1*
Nitrobenzene-d5	*44*	*X **	*46 - 120*	*11/05/14 14:12*	*11/25/14 15:03*	*1*
p-Terphenyl-d14	*70*		*67 - 150*	*11/05/14 14:12*	*11/25/14 15:03*	*1*
Phenol-d5	*44*		*16 - 120*	*11/05/14 14:12*	*11/25/14 15:03*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.095	0.017	ug/L		11/06/14 08:26	11/07/14 16:40	2
4,4'-DDE	ND		0.095	0.022	ug/L		11/06/14 08:26	11/07/14 16:40	2
4,4'-DDT	ND		0.095	0.021	ug/L		11/06/14 08:26	11/07/14 16:40	2
Aldrin	ND		0.095	0.015	ug/L		11/06/14 08:26	11/07/14 16:40	2
alpha-BHC	**0.022**	**J B**	0.095	0.015	ug/L		11/06/14 08:26	11/07/14 16:40	2
alpha-Chlordane	ND		0.095	0.028	ug/L		11/06/14 08:26	11/07/14 16:40	2
beta-BHC	ND		0.095	0.047	ug/L		11/06/14 08:26	11/07/14 16:40	2
delta-BHC	ND		0.095	0.019	ug/L		11/06/14 08:26	11/07/14 16:40	2
Dieldrin	ND		0.095	0.019	ug/L		11/06/14 08:26	11/07/14 16:40	2
Endosulfan I	ND		0.095	0.021	ug/L		11/06/14 08:26	11/07/14 16:40	2
Endosulfan II	ND		0.095	0.023	ug/L		11/06/14 08:26	11/07/14 16:40	2
Endosulfan sulfate	ND		0.095	0.030	ug/L		11/06/14 08:26	11/07/14 16:40	2
Endrin	ND		0.095	0.026	ug/L		11/06/14 08:26	11/07/14 16:40	2
Endrin aldehyde	ND		0.095	0.031	ug/L		11/06/14 08:26	11/07/14 16:40	2
Endrin ketone	ND		0.095	0.023	ug/L		11/06/14 08:26	11/07/14 16:40	2
gamma-BHC (Lindane)	ND		0.095	0.015	ug/L		11/06/14 08:26	11/07/14 16:40	2
gamma-Chlordane	ND		0.095	0.021	ug/L		11/06/14 08:26	11/07/14 16:40	2
Heptachlor	ND		0.095	0.016	ug/L		11/06/14 08:26	11/07/14 16:40	2
Heptachlor epoxide	ND		0.095	0.014	ug/L		11/06/14 08:26	11/07/14 16:40	2
Methoxychlor	ND		0.095	0.027	ug/L		11/06/14 08:26	11/07/14 16:40	2
Toxaphene	ND		0.95	0.23	ug/L		11/06/14 08:26	11/07/14 16:40	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*20 - 120*	*11/06/14 08:26*	*11/07/14 16:40*	*2*

Client Sample ID: S-3

Date Collected: 11/04/14 14:15
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-5

Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*68*		*36 - 120*	*11/06/14 08:26*	*11/07/14 16:40*	*2*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		11/05/14 07:58	11/06/14 17:30	1
PCB-1221	ND		0.52	0.18	ug/L		11/05/14 07:58	11/06/14 17:30	1
PCB-1232	**0.74**		0.52	0.18	ug/L		11/05/14 07:58	11/06/14 17:30	1
PCB-1242	ND		0.52	0.18	ug/L		11/05/14 07:58	11/06/14 17:30	1
PCB-1248	ND		0.52	0.18	ug/L		11/05/14 07:58	11/06/14 17:30	1
PCB-1254	ND		0.52	0.26	ug/L		11/05/14 07:58	11/06/14 17:30	1
PCB-1260	ND		0.52	0.26	ug/L		11/05/14 07:58	11/06/14 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*87*		*19 - 126*	*11/05/14 07:58*	*11/06/14 17:30*	*1*
Tetrachloro-m-xylene	*86*		*23 - 127*	*11/05/14 07:58*	*11/06/14 17:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.37**		0.20	0.060	mg/L		11/05/14 09:47	11/07/14 19:12	1
Antimony	ND		0.020	0.0068	mg/L		11/05/14 09:47	11/07/14 19:12	1
Arsenic	ND		0.010	0.0056	mg/L		11/05/14 09:47	11/07/14 19:12	1
Barium	**0.034**		0.0020	0.00070	mg/L		11/05/14 09:47	11/07/14 19:12	1
Beryllium	ND		0.0020	0.00030	mg/L		11/05/14 09:47	11/07/14 19:12	1
Cadmium	ND		0.0010	0.00050	mg/L		11/05/14 09:47	11/07/14 19:12	1
Calcium	**60.5**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 19:12	1
Chromium	ND		0.0040	0.0010	mg/L		11/05/14 09:47	11/07/14 19:12	1
Cobalt	ND		0.0040	0.00063	mg/L		11/05/14 09:47	11/07/14 19:12	1
Copper	ND		0.010	0.0016	mg/L		11/05/14 09:47	11/07/14 19:12	1
Iron	**0.052**		0.050	0.019	mg/L		11/05/14 09:47	11/07/14 19:12	1
Lead	**0.0058**		0.0050	0.0030	mg/L		11/05/14 09:47	11/07/14 19:12	1
Magnesium	**0.56**		0.20	0.043	mg/L		11/05/14 09:47	11/07/14 19:12	1
Manganese	**0.0099**		0.0030	0.00040	mg/L		11/05/14 09:47	11/07/14 19:12	1
Nickel	ND		0.010	0.0013	mg/L		11/05/14 09:47	11/07/14 19:12	1
Potassium	**44.4**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 19:12	1
Selenium	ND		0.015	0.0087	mg/L		11/05/14 09:47	11/07/14 19:12	1
Silver	ND		0.0030	0.0017	mg/L		11/05/14 09:47	11/07/14 19:12	1
Sodium	**54.7**		1.0	0.32	mg/L		11/05/14 09:47	11/07/14 19:12	1
Thallium	ND		0.020	0.010	mg/L		11/05/14 09:47	11/07/14 19:12	1
Vanadium	**0.012**		0.0050	0.0015	mg/L		11/05/14 09:47	11/07/14 19:12	1
Zinc	ND		0.010	0.0015	mg/L		11/05/14 09:47	11/07/14 19:12	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/05/14 09:30	11/05/14 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.036**	**B**	0.010	0.0050	mg/L		11/06/14 14:28	11/06/14 17:37	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-4
Date Collected: 11/04/14 14:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/14/14 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/14/14 12:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/14/14 12:56	1
1,1-Dichloroethane	**1.2**		1.0	0.38	ug/L			11/14/14 12:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/14/14 12:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/14/14 12:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/14/14 12:56	1
2-Hexanone	ND		5.0	1.2	ug/L			11/14/14 12:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/14/14 12:56	1
1,2-Dichloroethene, Total	**1.8**	**J**	2.0	0.81	ug/L			11/14/14 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/14/14 12:56	1
Acetone	ND		10	3.0	ug/L			11/14/14 12:56	1
Benzene	**0.97**	**J**	1.0	0.41	ug/L			11/14/14 12:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/14/14 12:56	1
Bromoform	ND		1.0	0.26	ug/L			11/14/14 12:56	1
Bromomethane	ND		1.0	0.69	ug/L			11/14/14 12:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/14/14 12:56	1
Carbon tetrachloride	ND	*	1.0	0.27	ug/L			11/14/14 12:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/14/14 12:56	1
Dibromochloromethane	ND	*	1.0	0.32	ug/L			11/14/14 12:56	1
Chloroethane	ND		1.0	0.32	ug/L			11/14/14 12:56	1
Chloroform	ND		1.0	0.34	ug/L			11/14/14 12:56	1
Chloromethane	ND		1.0	0.35	ug/L			11/14/14 12:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/14/14 12:56	1
Ethylbenzene	**0.96**	**J**	1.0	0.74	ug/L			11/14/14 12:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/14 12:56	1
Styrene	ND		1.0	0.73	ug/L			11/14/14 12:56	1
Tetrachloroethene	**0.91**	**J**	1.0	0.36	ug/L			11/14/14 12:56	1
Toluene	**0.97**	**J**	1.0	0.51	ug/L			11/14/14 12:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/14/14 12:56	1
Trichloroethene	**0.63**	**J**	1.0	0.46	ug/L			11/14/14 12:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/14/14 12:56	1
Xylenes, Total	**5.9**		2.0	0.66	ug/L			11/14/14 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*11/14/14 12:56*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*11/14/14 12:56*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*11/14/14 12:56*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*11/14/14 12:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		11/05/14 14:12	11/25/14 15:29	1
1,2,4-Trichlorobenzene	ND		9.5	0.42	ug/L		11/05/14 14:12	11/25/14 15:29	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		11/05/14 14:12	11/25/14 15:29	1
1,2-Dichlorobenzene	ND		9.5	0.38	ug/L		11/05/14 14:12	11/25/14 15:29	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		11/05/14 14:12	11/25/14 15:29	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		11/05/14 14:12	11/25/14 15:29	1
2,4-Dimethylphenol	**20**		4.8	0.48	ug/L		11/05/14 14:12	11/25/14 15:29	1
1,3-Dichlorobenzene	ND		9.5	0.46	ug/L		11/05/14 14:12	11/25/14 15:29	1

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-4
Date Collected: 11/04/14 14:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		11/05/14 14:12	11/25/14 15:29	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		11/05/14 14:12	11/25/14 15:29	1
1,4-Dichlorobenzene	ND		9.5	0.44	ug/L		11/05/14 14:12	11/25/14 15:29	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:29	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		11/05/14 14:12	11/25/14 15:29	1
2-Chlorophenol	ND		4.8	0.50	ug/L		11/05/14 14:12	11/25/14 15:29	1
2-Methylnaphthalene	**2.6**	**J**	4.8	0.57	ug/L		11/05/14 14:12	11/25/14 15:29	1
2-Methylphenol	**6.5**		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:29	1
2-Nitroaniline	ND		9.5	0.40	ug/L		11/05/14 14:12	11/25/14 15:29	1
2-Nitrophenol	ND		4.8	0.46	ug/L		11/05/14 14:12	11/25/14 15:29	1
3,3'-Dichlorobenzidine	ND	*	4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:29	1
3-Nitroaniline	ND	*	9.5	0.46	ug/L		11/05/14 14:12	11/25/14 15:29	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		11/05/14 14:12	11/25/14 15:29	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		11/05/14 14:12	11/25/14 15:29	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		11/05/14 14:12	11/25/14 15:29	1
4-Chloroaniline	ND	*	4.8	0.56	ug/L		11/05/14 14:12	11/25/14 15:29	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		11/05/14 14:12	11/25/14 15:29	1
4-Methylphenol	**9.5**		9.5	0.34	ug/L		11/05/14 14:12	11/25/14 15:29	1
4-Nitroaniline	ND		9.5	0.24	ug/L		11/05/14 14:12	11/25/14 15:29	1
4-Nitrophenol	ND		9.5	1.4	ug/L		11/05/14 14:12	11/25/14 15:29	1
Acenaphthene	**2.1**	**J**	4.8	0.39	ug/L		11/05/14 14:12	11/25/14 15:29	1
Acenaphthylene	**1.6**	**J**	4.8	0.36	ug/L		11/05/14 14:12	11/25/14 15:29	1
Anthracene	ND		4.8	0.27	ug/L		11/05/14 14:12	11/25/14 15:29	1
Benzo[a]anthracene	ND		4.8	0.34	ug/L		11/05/14 14:12	11/25/14 15:29	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		11/05/14 14:12	11/25/14 15:29	1
Benzo[b]fluoranthene	**0.65**	**J**	4.8	0.32	ug/L		11/05/14 14:12	11/25/14 15:29	1
Benzo[g,h,i]perylene	ND		4.8	0.33	ug/L		11/05/14 14:12	11/25/14 15:29	1
Benzo[k]fluoranthene	ND		4.8	0.70	ug/L		11/05/14 14:12	11/25/14 15:29	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		11/05/14 14:12	11/25/14 15:29	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:29	1
Bis(2-ethylhexyl) phthalate	**3.4**	**J**	4.8	1.7	ug/L		11/05/14 14:12	11/25/14 15:29	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		11/05/14 14:12	11/25/14 15:29	1
Carbazole	**2.4**	**J ***	4.8	0.29	ug/L		11/05/14 14:12	11/25/14 15:29	1
Chrysene	ND		4.8	0.31	ug/L		11/05/14 14:12	11/25/14 15:29	1
Di-n-butyl phthalate	**0.44**	**J**	4.8	0.30	ug/L		11/05/14 14:12	11/25/14 15:29	1
Di-n-octyl phthalate	**2.5**	**J**	4.8	0.45	ug/L		11/05/14 14:12	11/25/14 15:29	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		11/05/14 14:12	11/25/14 15:29	1
Dibenzofuran	**1.5**	**J**	9.5	0.49	ug/L		11/05/14 14:12	11/25/14 15:29	1
Diethyl phthalate	ND		4.8	0.21	ug/L		11/05/14 14:12	11/25/14 15:29	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		11/05/14 14:12	11/25/14 15:29	1
Fluoranthene	ND		4.8	0.38	ug/L		11/05/14 14:12	11/25/14 15:29	1
Fluorene	**2.0**	**J**	4.8	0.34	ug/L		11/05/14 14:12	11/25/14 15:29	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		11/05/14 14:12	11/25/14 15:29	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		11/05/14 14:12	11/25/14 15:29	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		11/05/14 14:12	11/25/14 15:29	1
Hexachloroethane	ND		4.8	0.56	ug/L		11/05/14 14:12	11/25/14 15:29	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		11/05/14 14:12	11/25/14 15:29	1
Isophorone	ND		4.8	0.41	ug/L		11/05/14 14:12	11/25/14 15:29	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		11/05/14 14:12	11/25/14 15:29	1

Client Sample ID: S-4
Date Collected: 11/04/14 14:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		11/05/14 14:12	11/25/14 15:29	1
Naphthalene	**8.7**		4.8	0.72	ug/L		11/05/14 14:12	11/25/14 15:29	1
Nitrobenzene	ND		4.8	0.28	ug/L		11/05/14 14:12	11/25/14 15:29	1
Pentachlorophenol	ND		9.5	2.1	ug/L		11/05/14 14:12	11/25/14 15:29	1
Phenanthrene	**1.7**	**J**	4.8	0.42	ug/L		11/05/14 14:12	11/25/14 15:29	1
Phenol	ND		4.8	0.37	ug/L		11/05/14 14:12	11/25/14 15:29	1
Pyrene	ND		4.8	0.32	ug/L		11/05/14 14:12	11/25/14 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 132*	*11/05/14 14:12*	*11/25/14 15:29*	*1*
2-Fluorobiphenyl	*68*		*48 - 120*	*11/05/14 14:12*	*11/25/14 15:29*	*1*
2-Fluorophenol	*74*		*20 - 120*	*11/05/14 14:12*	*11/25/14 15:29*	*1*
Nitrobenzene-d5	*64*		*46 - 120*	*11/05/14 14:12*	*11/25/14 15:29*	*1*
p-Terphenyl-d14	*69*		*67 - 150*	*11/05/14 14:12*	*11/25/14 15:29*	*1*
Phenol-d5	*45*		*16 - 120*	*11/05/14 14:12*	*11/25/14 15:29*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.046	0.0085	ug/L		11/06/14 08:26	11/07/14 17:15	1
4,4'-DDE	ND		0.046	0.011	ug/L		11/06/14 08:26	11/07/14 17:15	1
4,4'-DDT	ND		0.046	0.010	ug/L		11/06/14 08:26	11/07/14 17:15	1
Aldrin	ND		0.046	0.0075	ug/L		11/06/14 08:26	11/07/14 17:15	1
alpha-BHC	**0.012**	**J B**	0.046	0.0071	ug/L		11/06/14 08:26	11/07/14 17:15	1
alpha-Chlordane	ND		0.046	0.014	ug/L		11/06/14 08:26	11/07/14 17:15	1
beta-BHC	ND		0.046	0.023	ug/L		11/06/14 08:26	11/07/14 17:15	1
delta-BHC	**0.064**		0.046	0.0093	ug/L		11/06/14 08:26	11/07/14 17:15	1
Dieldrin	ND		0.046	0.0091	ug/L		11/06/14 08:26	11/07/14 17:15	1
Endosulfan I	ND		0.046	0.010	ug/L		11/06/14 08:26	11/07/14 17:15	1
Endosulfan II	ND		0.046	0.011	ug/L		11/06/14 08:26	11/07/14 17:15	1
Endosulfan sulfate	ND		0.046	0.015	ug/L		11/06/14 08:26	11/07/14 17:15	1
Endrin	ND		0.046	0.013	ug/L		11/06/14 08:26	11/07/14 17:15	1
Endrin aldehyde	ND		0.046	0.015	ug/L		11/06/14 08:26	11/07/14 17:15	1
Endrin ketone	ND		0.046	0.011	ug/L		11/06/14 08:26	11/07/14 17:15	1
gamma-BHC (Lindane)	**0.053**		0.046	0.0074	ug/L		11/06/14 08:26	11/07/14 17:15	1
gamma-Chlordane	ND		0.046	0.010	ug/L		11/06/14 08:26	11/07/14 17:15	1
Heptachlor	**0.010**	**J**	0.046	0.0079	ug/L		11/06/14 08:26	11/07/14 17:15	1
Heptachlor epoxide	ND		0.046	0.0069	ug/L		11/06/14 08:26	11/07/14 17:15	1
Methoxychlor	ND		0.046	0.013	ug/L		11/06/14 08:26	11/07/14 17:15	1
Toxaphene	ND		0.46	0.11	ug/L		11/06/14 08:26	11/07/14 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*20 - 120*	*11/06/14 08:26*	*11/07/14 17:15*	*1*
Tetrachloro-m-xylene	*68*		*36 - 120*	*11/06/14 08:26*	*11/07/14 17:15*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.9	1.7	ug/L		11/05/14 07:58	11/06/14 17:46	10
PCB-1221	ND		4.9	1.7	ug/L		11/05/14 07:58	11/06/14 17:46	10
PCB-1232	**7.6**		4.9	1.7	ug/L		11/05/14 07:58	11/06/14 17:46	10
PCB-1242	ND		4.9	1.7	ug/L		11/05/14 07:58	11/06/14 17:46	10

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-4
Date Collected: 11/04/14 14:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-6
Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		4.9	1.7	ug/L		11/05/14 07:58	11/06/14 17:46	10
PCB-1254	ND		4.9	2.5	ug/L		11/05/14 07:58	11/06/14 17:46	10
PCB-1260	ND		4.9	2.5	ug/L		11/05/14 07:58	11/06/14 17:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*19 - 126*	*11/05/14 07:58*	*11/06/14 17:46*	*10*
Tetrachloro-m-xylene	*86*		*23 - 127*	*11/05/14 07:58*	*11/06/14 17:46*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.57**		0.20	0.060	mg/L		11/05/14 09:47	11/07/14 19:15	1
Antimony	ND		0.020	0.0068	mg/L		11/05/14 09:47	11/07/14 19:15	1
Arsenic	ND		0.010	0.0056	mg/L		11/05/14 09:47	11/07/14 19:15	1
Barium	**0.032**		0.0020	0.00070	mg/L		11/05/14 09:47	11/07/14 19:15	1
Beryllium	ND		0.0020	0.00030	mg/L		11/05/14 09:47	11/07/14 19:15	1
Cadmium	ND		0.0010	0.00050	mg/L		11/05/14 09:47	11/07/14 19:15	1
Calcium	**96.0**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 19:15	1
Chromium	ND		0.0040	0.0010	mg/L		11/05/14 09:47	11/07/14 19:15	1
Cobalt	ND		0.0040	0.00063	mg/L		11/05/14 09:47	11/07/14 19:15	1
Copper	ND		0.010	0.0016	mg/L		11/05/14 09:47	11/07/14 19:15	1
Iron	**0.096**		0.050	0.019	mg/L		11/05/14 09:47	11/07/14 19:15	1
Lead	**0.0048**	**J**	0.0050	0.0030	mg/L		11/05/14 09:47	11/07/14 19:15	1
Magnesium	**1.5**		0.20	0.043	mg/L		11/05/14 09:47	11/07/14 19:15	1
Manganese	**0.047**		0.0030	0.00040	mg/L		11/05/14 09:47	11/07/14 19:15	1
Nickel	ND		0.010	0.0013	mg/L		11/05/14 09:47	11/07/14 19:15	1
Potassium	**61.8**		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 19:15	1
Selenium	ND		0.015	0.0087	mg/L		11/05/14 09:47	11/07/14 19:15	1
Silver	ND		0.0030	0.0017	mg/L		11/05/14 09:47	11/07/14 19:15	1
Sodium	**58.0**		1.0	0.32	mg/L		11/05/14 09:47	11/07/14 19:15	1
Thallium	ND		0.020	0.010	mg/L		11/05/14 09:47	11/07/14 19:15	1
Vanadium	**0.010**		0.0050	0.0015	mg/L		11/05/14 09:47	11/07/14 19:15	1
Zinc	**0.0024**	**J B**	0.010	0.0015	mg/L		11/05/14 09:47	11/07/14 19:15	1

Method: 7470A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/05/14 09:30	11/05/14 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.013**	**B**	0.010	0.0050	mg/L		11/06/14 14:28	11/06/14 17:38	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-70664-1	RW-4	91	95	108	100
480-70664-1 MS	RW-4	92	94	102	100
480-70664-1 MSD	RW-4	90	96	107	98
480-70664-2	RW-5	92	93	109	101
480-70664-3	S-1	92	94	104	101
480-70664-4	S-2	89	95	106	98
480-70664-4 MS	S-2	87	94	105	98
480-70664-4 MSD	S-2	89	94	107	100
480-70664-5	S-3	89	93	107	98
480-70664-6	S-4	91	94	109	100
LCS 480-213987/4	Lab Control Sample	91	95	105	102
LCS 480-214100/4	Lab Control Sample	89	95	103	99
MB 480-213987/6	Method Blank	91	92	104	98
MB 480-214100/6	Method Blank	90	93	108	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-70664-1	RW-4	109	71	75	97	68	50
480-70664-1 MS	RW-4	108	72	87	96	64 X	57
480-70664-1 MSD	RW-4	109	71	86	97	65 X	56
480-70664-2	RW-5	97	67	71	85	68	44
480-70664-3	S-1	110	68	83	100	56 X	51
480-70664-4	S-2	108	72	88	81	69	56
480-70664-5	S-3	103	68	71	44 X *	70	44
480-70664-6	S-4	103	68	74	64	69	45
LCS 480-212228/2-A	Lab Control Sample	100	72	95	97	79	63
MB 480-212228/1-A	Method Blank	90	68	80	94	82	53

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(20-120)	(36-120)										
480-70664-3	S-1	45	67										
480-70664-4	S-2	54	66										
480-70664-5	S-3	50	68										
480-70664-6	S-4	54	68										
LCS 480-212406/2-A	Lab Control Sample	57	74										
LCS 480-212406/2-A	Lab Control Sample	59	79										
MB 480-212406/1-A	Method Blank	62	84										
MB 480-212406/1-A	Method Blank	61	91										

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(19-126)	(23-127)										
480-70664-1	RW-4	75	71										
480-70664-1 MS	RW-4	68	84										
480-70664-1 MSD	RW-4	75	91										
480-70664-2	RW-5	88	86										
480-70664-3	S-1	75	87										
480-70664-4	S-2	94	90										
480-70664-5	S-3	87	86										
480-70664-6	S-4	98	86										
LCS 480-212108/2-A	Lab Control Sample	58	82										
MB 480-212108/1-A	Method Blank	68	73										

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-213987/6
Matrix: Water
Analysis Batch: 213987

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/13/14 22:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/13/14 22:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/13/14 22:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/13/14 22:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/13/14 22:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/13/14 22:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/13/14 22:27	1
2-Hexanone	ND		5.0	1.2	ug/L			11/13/14 22:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/13/14 22:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/13/14 22:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/13/14 22:27	1
Acetone	ND		10	3.0	ug/L			11/13/14 22:27	1
Benzene	ND		1.0	0.41	ug/L			11/13/14 22:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/13/14 22:27	1
Bromoform	ND		1.0	0.26	ug/L			11/13/14 22:27	1
Bromomethane	ND		1.0	0.69	ug/L			11/13/14 22:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/13/14 22:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/13/14 22:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/13/14 22:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/13/14 22:27	1
Chloroethane	ND		1.0	0.32	ug/L			11/13/14 22:27	1
Chloroform	ND		1.0	0.34	ug/L			11/13/14 22:27	1
Chloromethane	ND		1.0	0.35	ug/L			11/13/14 22:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/13/14 22:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/13/14 22:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/13/14 22:27	1
Styrene	ND		1.0	0.73	ug/L			11/13/14 22:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/13/14 22:27	1
Toluene	ND		1.0	0.51	ug/L			11/13/14 22:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/13/14 22:27	1
Trichloroethene	ND		1.0	0.46	ug/L			11/13/14 22:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/13/14 22:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/13/14 22:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*11/13/14 22:27*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*11/13/14 22:27*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*11/13/14 22:27*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*11/13/14 22:27*	*1*

Lab Sample ID: LCS 480-213987/4
Matrix: Water
Analysis Batch: 213987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.4		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	27.8		ug/L		111	58 - 121
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-213987/4
Matrix: Water
Analysis Batch: 213987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.1		ug/L		100	71 - 124
Chlorobenzene	25.0	24.9		ug/L		99	72 - 120
Ethylbenzene	25.0	25.5		ug/L		102	77 - 123
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	25.4		ug/L		101	80 - 122
Trichloroethene	25.0	25.9		ug/L		104	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*60 - 140*

Lab Sample ID: 480-70664-1 MS
Matrix: Water
Analysis Batch: 213987

Client Sample ID: RW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		25.0	27.0		ug/L		108	71 - 129
1,1-Dichloroethene	ND		25.0	30.9	F1	ug/L		124	58 - 121
1,2-Dichloroethane	ND		25.0	25.2		ug/L		101	75 - 127
Benzene	14		25.0	42.5		ug/L		112	71 - 124
Chlorobenzene	ND		25.0	27.0		ug/L		108	72 - 120
Ethylbenzene	10		25.0	38.2		ug/L		112	77 - 123
Tetrachloroethene	ND		25.0	28.4		ug/L		114	74 - 122
Toluene	ND		25.0	27.3		ug/L		109	80 - 122
Trichloroethene	ND		25.0	28.3		ug/L		113	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*
Toluene-d8 (Surr)	*94*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Lab Sample ID: 480-70664-1 MSD
Matrix: Water
Analysis Batch: 213987

Client Sample ID: RW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		25.0	26.7		ug/L		107	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	30.1		ug/L		120	58 - 121	3	16
1,2-Dichloroethane	ND		25.0	24.3		ug/L		97	75 - 127	3	20
Benzene	14		25.0	41.3		ug/L		107	71 - 124	3	13
Chlorobenzene	ND		25.0	27.0		ug/L		108	72 - 120	0	25
Ethylbenzene	10		25.0	38.1		ug/L		111	77 - 123	0	15
Tetrachloroethene	ND		25.0	28.4		ug/L		114	74 - 122	0	20
Toluene	ND		25.0	27.2		ug/L		109	80 - 122	1	15
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123	2	16

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-70664-1 MSD
Matrix: Water
Analysis Batch: 213987

Client Sample ID: RW-4
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*
Toluene-d8 (Surr)	*96*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Lab Sample ID: MB 480-214100/6
Matrix: Water
Analysis Batch: 214100

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/14/14 11:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/14/14 11:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/14/14 11:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/14/14 11:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/14/14 11:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/14/14 11:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/14/14 11:44	1
2-Hexanone	ND		5.0	1.2	ug/L			11/14/14 11:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/14/14 11:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			11/14/14 11:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/14/14 11:44	1
Acetone	ND		10	3.0	ug/L			11/14/14 11:44	1
Benzene	ND		1.0	0.41	ug/L			11/14/14 11:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/14/14 11:44	1
Bromoform	ND		1.0	0.26	ug/L			11/14/14 11:44	1
Bromomethane	ND		1.0	0.69	ug/L			11/14/14 11:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/14/14 11:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/14/14 11:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/14/14 11:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/14/14 11:44	1
Chloroethane	ND		1.0	0.32	ug/L			11/14/14 11:44	1
Chloroform	ND		1.0	0.34	ug/L			11/14/14 11:44	1
Chloromethane	ND		1.0	0.35	ug/L			11/14/14 11:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/14/14 11:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/14/14 11:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/14 11:44	1
Styrene	ND		1.0	0.73	ug/L			11/14/14 11:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/14/14 11:44	1
Toluene	ND		1.0	0.51	ug/L			11/14/14 11:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/14/14 11:44	1
Trichloroethene	ND		1.0	0.46	ug/L			11/14/14 11:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/14/14 11:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/14/14 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*		*11/14/14 11:44*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*11/14/14 11:44*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-214100/6
Matrix: Water
Analysis Batch: 214100

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*11/14/14 11:44*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*11/14/14 11:44*	*1*

Lab Sample ID: LCS 480-214100/4
Matrix: Water
Analysis Batch: 214100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			25.0	23.6		ug/L		94	71 - 129		
1,1-Dichloroethene			25.0	27.6		ug/L		110	58 - 121		
1,2-Dichloroethane			25.0	22.8		ug/L		91	75 - 127		
Benzene			25.0	24.3		ug/L		97	71 - 124		
Chlorobenzene			25.0	24.9		ug/L		99	72 - 120		
Ethylbenzene			25.0	24.7		ug/L		99	77 - 123		
Tetrachloroethene			25.0	25.6		ug/L		102	74 - 122		
Toluene			25.0	24.9		ug/L		100	80 - 122		
Trichloroethene			25.0	25.2		ug/L		101	74 - 123		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-70664-4 MS
Matrix: Water
Analysis Batch: 214100

Client Sample ID: S-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane	1.1		25.0	24.0		ug/L		91	71 - 129		
1,1-Dichloroethene	ND		25.0	28.2		ug/L		113	58 - 121		
1,2-Dichloroethane	ND		25.0	20.1		ug/L		81	75 - 127		
Benzene	0.80	J	25.0	23.7		ug/L		91	71 - 124		
Chlorobenzene	ND		25.0	23.0		ug/L		92	72 - 120		
Ethylbenzene	ND		25.0	23.7		ug/L		95	77 - 123		
Tetrachloroethene	ND		25.0	25.1		ug/L		100	74 - 122		
Toluene	ND		25.0	23.7		ug/L		95	80 - 122		
Trichloroethene	0.80	J	25.0	24.9		ug/L		96	74 - 123		

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 137*
Toluene-d8 (Surr)	*94*		*71 - 126*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-70664-4 MSD
Matrix: Water
Analysis Batch: 214100

Client Sample ID: S-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	1.1		25.0	26.3		ug/L		101	71 - 129	9	20
1,1-Dichloroethene	ND		25.0	31.5	F1	ug/L		126	58 - 121	11	16
1,2-Dichloroethane	ND		25.0	22.6		ug/L		91	75 - 127	12	20
Benzene	0.80	J	25.0	26.1		ug/L		101	71 - 124	10	13
Chlorobenzene	ND		25.0	24.5		ug/L		98	72 - 120	6	25
Ethylbenzene	ND		25.0	25.7		ug/L		103	77 - 123	8	15
Tetrachloroethene	ND		25.0	27.5		ug/L		110	74 - 122	9	20
Toluene	ND		25.0	25.3		ug/L		101	80 - 122	6	15
Trichloroethene	0.80	J	25.0	27.0		ug/L		105	74 - 123	8	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*
Toluene-d8 (Surr)	*94*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-212228/1-A
Matrix: Water
Analysis Batch: 215871

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212228

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/05/14 14:12	11/25/14 10:43	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		11/05/14 14:12	11/25/14 10:43	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/05/14 14:12	11/25/14 10:43	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		11/05/14 14:12	11/25/14 10:43	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/05/14 14:12	11/25/14 10:43	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/05/14 14:12	11/25/14 10:43	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/05/14 14:12	11/25/14 10:43	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		11/05/14 14:12	11/25/14 10:43	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/05/14 14:12	11/25/14 10:43	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/05/14 14:12	11/25/14 10:43	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		11/05/14 14:12	11/25/14 10:43	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 10:43	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/05/14 14:12	11/25/14 10:43	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/05/14 14:12	11/25/14 10:43	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/05/14 14:12	11/25/14 10:43	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 10:43	1
2-Nitroaniline	ND		10	0.42	ug/L		11/05/14 14:12	11/25/14 10:43	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/05/14 14:12	11/25/14 10:43	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 10:43	1
3-Nitroaniline	ND		10	0.48	ug/L		11/05/14 14:12	11/25/14 10:43	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/05/14 14:12	11/25/14 10:43	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/05/14 14:12	11/25/14 10:43	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/05/14 14:12	11/25/14 10:43	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/05/14 14:12	11/25/14 10:43	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-212228/1-A
Matrix: Water
Analysis Batch: 215871

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212228

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/05/14 14:12	11/25/14 10:43	1
4-Methylphenol	ND		10	0.36	ug/L		11/05/14 14:12	11/25/14 10:43	1
4-Nitroaniline	ND		10	0.25	ug/L		11/05/14 14:12	11/25/14 10:43	1
4-Nitrophenol	ND		10	1.5	ug/L		11/05/14 14:12	11/25/14 10:43	1
Acenaphthene	ND		5.0	0.41	ug/L		11/05/14 14:12	11/25/14 10:43	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/05/14 14:12	11/25/14 10:43	1
Anthracene	ND		5.0	0.28	ug/L		11/05/14 14:12	11/25/14 10:43	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		11/05/14 14:12	11/25/14 10:43	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		11/05/14 14:12	11/25/14 10:43	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		11/05/14 14:12	11/25/14 10:43	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		11/05/14 14:12	11/25/14 10:43	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		11/05/14 14:12	11/25/14 10:43	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/05/14 14:12	11/25/14 10:43	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 10:43	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		11/05/14 14:12	11/25/14 10:43	1
Butyl benzyl phthalate	1.10	J	5.0	0.42	ug/L		11/05/14 14:12	11/25/14 10:43	1
Carbazole	ND		5.0	0.30	ug/L		11/05/14 14:12	11/25/14 10:43	1
Chrysene	ND		5.0	0.33	ug/L		11/05/14 14:12	11/25/14 10:43	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/05/14 14:12	11/25/14 10:43	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/05/14 14:12	11/25/14 10:43	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/05/14 14:12	11/25/14 10:43	1
Dibenzofuran	ND		10	0.51	ug/L		11/05/14 14:12	11/25/14 10:43	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/05/14 14:12	11/25/14 10:43	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/05/14 14:12	11/25/14 10:43	1
Fluoranthene	ND		5.0	0.40	ug/L		11/05/14 14:12	11/25/14 10:43	1
Fluorene	ND		5.0	0.36	ug/L		11/05/14 14:12	11/25/14 10:43	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/05/14 14:12	11/25/14 10:43	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/05/14 14:12	11/25/14 10:43	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/05/14 14:12	11/25/14 10:43	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/05/14 14:12	11/25/14 10:43	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		11/05/14 14:12	11/25/14 10:43	1
Isophorone	ND		5.0	0.43	ug/L		11/05/14 14:12	11/25/14 10:43	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/05/14 14:12	11/25/14 10:43	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/05/14 14:12	11/25/14 10:43	1
Naphthalene	ND		5.0	0.76	ug/L		11/05/14 14:12	11/25/14 10:43	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/05/14 14:12	11/25/14 10:43	1
Pentachlorophenol	ND		10	2.2	ug/L		11/05/14 14:12	11/25/14 10:43	1
Phenanthrene	ND		5.0	0.44	ug/L		11/05/14 14:12	11/25/14 10:43	1
Phenol	ND		5.0	0.39	ug/L		11/05/14 14:12	11/25/14 10:43	1
Pyrene	ND		5.0	0.34	ug/L		11/05/14 14:12	11/25/14 10:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*52 - 132*	*11/05/14 14:12*	*11/25/14 10:43*	*1*
2-Fluorobiphenyl	*68*		*48 - 120*	*11/05/14 14:12*	*11/25/14 10:43*	*1*
2-Fluorophenol	*80*		*20 - 120*	*11/05/14 14:12*	*11/25/14 10:43*	*1*
Nitrobenzene-d5	*94*		*46 - 120*	*11/05/14 14:12*	*11/25/14 10:43*	*1*
p-Terphenyl-d14	*82*		*67 - 150*	*11/05/14 14:12*	*11/25/14 10:43*	*1*
Phenol-d5	*53*		*16 - 120*	*11/05/14 14:12*	*11/25/14 10:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-212228/2-A
Matrix: Water
Analysis Batch: 215871

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	16.0	14.5		ug/L		91	40 - 120
2,4-Dinitrophenol	32.0	25.5		ug/L		80	42 - 153
1,4-Dichlorobenzene	16.0	12.9		ug/L		81	32 - 120
2-Chlorophenol	16.0	15.3		ug/L		96	48 - 120
4-Chloro-3-methylphenol	16.0	16.9		ug/L		106	64 - 120
4-Nitrophenol	32.0	22.9		ug/L		72	16 - 120
Acenaphthene	16.0	14.7		ug/L		92	60 - 120
Bis(2-ethylhexyl) phthalate	16.0	20.7		ug/L		129	53 - 158
Fluorene	16.0	14.5		ug/L		91	55 - 143
Hexachloroethane	16.0	12.3		ug/L		77	14 - 101
N-Nitrosodi-n-propylamine	16.0	15.8		ug/L		99	56 - 120
Pentachlorophenol	32.0	27.8		ug/L		87	39 - 136
Phenol	16.0	11.3		ug/L		71	17 - 120
Pyrene	16.0	15.1		ug/L		95	58 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 132*
2-Fluorobiphenyl	*72*		*48 - 120*
2-Fluorophenol	*95*		*20 - 120*
Nitrobenzene-d5	*97*		*46 - 120*
p-Terphenyl-d14	*79*		*67 - 150*
Phenol-d5	*63*		*16 - 120*

Lab Sample ID: 480-70664-1 MS
Matrix: Water
Analysis Batch: 215871

Client Sample ID: RW-4
Prep Type: Total/NA
Prep Batch: 212228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		16.1	14.6		ug/L		91	40 - 120
2,4-Dinitrophenol	ND		32.3	27.7		ug/L		86	42 - 153
1,4-Dichlorobenzene	ND		16.1	13.1		ug/L		81	32 - 120
2-Chlorophenol	ND		16.1	14.6		ug/L		90	48 - 120
4-Chloro-3-methylphenol	ND		16.1	17.2		ug/L		107	64 - 120
4-Nitrophenol	ND		32.3	22.3		ug/L		69	16 - 120
Acenaphthene	0.78	J	16.1	15.3		ug/L		90	60 - 120
Bis(2-ethylhexyl) phthalate	ND		16.1	15.0		ug/L		93	53 - 158
Fluorene	ND		16.1	14.8		ug/L		92	55 - 143
Hexachloroethane	ND		16.1	12.8		ug/L		79	14 - 101
N-Nitrosodi-n-propylamine	ND		16.1	15.1		ug/L		93	56 - 120
Pentachlorophenol	ND		32.3	35.0		ug/L		109	39 - 136
Phenol	0.79	J	16.1	10.3		ug/L		59	17 - 120
Pyrene	ND		16.1	14.3		ug/L		89	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*108*		*52 - 132*
2-Fluorobiphenyl	*72*		*48 - 120*
2-Fluorophenol	*87*		*20 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-70664-1 MS
Matrix: Water
Analysis Batch: 215871

Client Sample ID: RW-4
Prep Type: Total/NA
Prep Batch: 212228

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5	*96*		*46 - 120*
p-Terphenyl-d14	*64*	*X*	*67 - 150*
Phenol-d5	*57*		*16 - 120*

Lab Sample ID: 480-70664-1 MSD
Matrix: Water
Analysis Batch: 215871

Client Sample ID: RW-4
Prep Type: Total/NA
Prep Batch: 212228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		16.2	14.9		ug/L		92	40 - 120	2	30
2,4-Dinitrophenol	ND		32.3	27.8		ug/L		86	42 - 153	0	22
1,4-Dichlorobenzene	ND		16.2	12.8		ug/L		79	32 - 120	2	36
2-Chlorophenol	ND		16.2	14.0		ug/L		87	48 - 120	4	25
4-Chloro-3-methylphenol	ND		16.2	17.9		ug/L		111	64 - 120	4	27
4-Nitrophenol	ND		32.3	22.7		ug/L		70	16 - 120	2	48
Acenaphthene	0.78	J	16.2	15.5		ug/L		91	60 - 120	1	24
Bis(2-ethylhexyl) phthalate	ND		16.2	15.4		ug/L		96	53 - 158	3	15
Fluorene	ND		16.2	14.8		ug/L		92	55 - 143	0	15
Hexachloroethane	ND		16.2	12.3		ug/L		76	14 - 101	4	46
N-Nitrosodi-n-propylamine	ND		16.2	14.7		ug/L		91	56 - 120	2	31
Pentachlorophenol	ND		32.3	36.4		ug/L		113	39 - 136	4	37
Phenol	0.79	J	16.2	10.4		ug/L		60	17 - 120	1	34
Pyrene	ND		16.2	14.6		ug/L		91	58 - 136	2	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	*109*		*52 - 132*
2-Fluorobiphenyl	*71*		*48 - 120*
2-Fluorophenol	*86*		*20 - 120*
Nitrobenzene-d5	*97*		*46 - 120*
p-Terphenyl-d14	*65*	*X*	*67 - 150*
Phenol-d5	*56*		*16 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-212406/1-A
Matrix: Water
Analysis Batch: 212785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/06/14 08:26	11/07/14 14:55	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/06/14 08:26	11/07/14 14:55	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/06/14 08:26	11/07/14 14:55	1
Aldrin	ND		0.050	0.0081	ug/L		11/06/14 08:26	11/07/14 14:55	1
alpha-BHC	0.0130	J	0.050	0.0077	ug/L		11/06/14 08:26	11/07/14 14:55	1
alpha-Chlordane	ND		0.050	0.015	ug/L		11/06/14 08:26	11/07/14 14:55	1
beta-BHC	ND		0.050	0.025	ug/L		11/06/14 08:26	11/07/14 14:55	1
delta-BHC	ND		0.050	0.010	ug/L		11/06/14 08:26	11/07/14 14:55	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-212406/1-A
Matrix: Water
Analysis Batch: 212785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		0.050	0.0098	ug/L		11/06/14 08:26	11/07/14 14:55	1
Endosulfan I	ND		0.050	0.011	ug/L		11/06/14 08:26	11/07/14 14:55	1
Endosulfan II	ND		0.050	0.012	ug/L		11/06/14 08:26	11/07/14 14:55	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/06/14 08:26	11/07/14 14:55	1
Endrin	ND		0.050	0.014	ug/L		11/06/14 08:26	11/07/14 14:55	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/06/14 08:26	11/07/14 14:55	1
Endrin ketone	ND		0.050	0.012	ug/L		11/06/14 08:26	11/07/14 14:55	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/06/14 08:26	11/07/14 14:55	1
gamma-Chlordane	ND		0.050	0.011	ug/L		11/06/14 08:26	11/07/14 14:55	1
Heptachlor	ND		0.050	0.0085	ug/L		11/06/14 08:26	11/07/14 14:55	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/06/14 08:26	11/07/14 14:55	1
Methoxychlor	ND		0.050	0.014	ug/L		11/06/14 08:26	11/07/14 14:55	1
Toxaphene	ND		0.50	0.12	ug/L		11/06/14 08:26	11/07/14 14:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*20 - 120*	*11/06/14 08:26*	*11/07/14 14:55*	*1*
Tetrachloro-m-xylene	*84*		*36 - 120*	*11/06/14 08:26*	*11/07/14 14:55*	*1*

Lab Sample ID: MB 480-212406/1-A
Matrix: Water
Analysis Batch: 212991

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/06/14 08:26	11/08/14 16:58	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/06/14 08:26	11/08/14 16:58	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/06/14 08:26	11/08/14 16:58	1
Aldrin	ND		0.050	0.0081	ug/L		11/06/14 08:26	11/08/14 16:58	1
alpha-BHC	0.0117	J	0.050	0.0077	ug/L		11/06/14 08:26	11/08/14 16:58	1
alpha-Chlordane	ND		0.050	0.015	ug/L		11/06/14 08:26	11/08/14 16:58	1
beta-BHC	ND		0.050	0.025	ug/L		11/06/14 08:26	11/08/14 16:58	1
delta-BHC	ND		0.050	0.010	ug/L		11/06/14 08:26	11/08/14 16:58	1
Dieldrin	ND		0.050	0.0098	ug/L		11/06/14 08:26	11/08/14 16:58	1
Endosulfan I	ND		0.050	0.011	ug/L		11/06/14 08:26	11/08/14 16:58	1
Endosulfan II	ND		0.050	0.012	ug/L		11/06/14 08:26	11/08/14 16:58	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/06/14 08:26	11/08/14 16:58	1
Endrin	ND		0.050	0.014	ug/L		11/06/14 08:26	11/08/14 16:58	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/06/14 08:26	11/08/14 16:58	1
Endrin ketone	ND		0.050	0.012	ug/L		11/06/14 08:26	11/08/14 16:58	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/06/14 08:26	11/08/14 16:58	1
gamma-Chlordane	ND		0.050	0.011	ug/L		11/06/14 08:26	11/08/14 16:58	1
Heptachlor	ND		0.050	0.0085	ug/L		11/06/14 08:26	11/08/14 16:58	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/06/14 08:26	11/08/14 16:58	1
Methoxychlor	ND		0.050	0.014	ug/L		11/06/14 08:26	11/08/14 16:58	1
Toxaphene	ND		0.50	0.12	ug/L		11/06/14 08:26	11/08/14 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*20 - 120*	*11/06/14 08:26*	*11/08/14 16:58*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-212406/1-A
Matrix: Water
Analysis Batch: 212991

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212406

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		36 - 120	11/06/14 08:26	11/08/14 16:58	1

Lab Sample ID: LCS 480-212406/2-A
Matrix: Water
Analysis Batch: 212785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.441		ug/L		110	51 - 138
4,4'-DDE	0.400	0.368		ug/L		92	45 - 133
4,4'-DDT	0.400	0.367		ug/L		92	50 - 136
Aldrin	0.400	0.367		ug/L		92	40 - 125
alpha-BHC	0.400	0.304		ug/L		76	52 - 125
alpha-Chlordane	0.400	0.360		ug/L		90	52 - 133
beta-BHC	0.400	0.371		ug/L		93	51 - 135
delta-BHC	0.400	0.358		ug/L		89	51 - 132
Dieldrin	0.400	0.439		ug/L		110	49 - 136
Endosulfan I	0.400	0.388		ug/L		97	51 - 134
Endosulfan II	0.400	0.430		ug/L		107	52 - 138
Endosulfan sulfate	0.400	0.454		ug/L		113	47 - 136
Endrin	0.400	0.454		ug/L		114	52 - 143
Endrin aldehyde	0.400	0.419		ug/L		105	46 - 134
Endrin ketone	0.400	0.474		ug/L		119	51 - 138
gamma-BHC (Lindane)	0.400	0.360		ug/L		90	56 - 127
gamma-Chlordane	0.400	0.363		ug/L		91	52 - 128
Heptachlor	0.400	0.408		ug/L		102	51 - 125
Heptachlor epoxide	0.400	0.412		ug/L		103	50 - 140
Methoxychlor	0.400	0.372		ug/L		93	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	57		20 - 120
Tetrachloro-m-xylene	74		36 - 120

Lab Sample ID: LCS 480-212406/2-A
Matrix: Water
Analysis Batch: 212991

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.466		ug/L		117	51 - 138
4,4'-DDE	0.400	0.400		ug/L		100	45 - 133
4,4'-DDT	0.400	0.420		ug/L		105	50 - 136
Aldrin	0.400	0.387		ug/L		97	40 - 125
alpha-BHC	0.400	0.327		ug/L		82	52 - 125
alpha-Chlordane	0.400	0.374		ug/L		93	52 - 133
beta-BHC	0.400	0.399		ug/L		100	51 - 135
delta-BHC	0.400	0.399		ug/L		100	51 - 132
Dieldrin	0.400	0.464		ug/L		116	49 - 136
Endosulfan I	0.400	0.405		ug/L		101	51 - 134
Endosulfan II	0.400	0.445		ug/L		111	52 - 138

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-212406/2-A
Matrix: Water
Analysis Batch: 212991

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan sulfate	0.400	0.493		ug/L		123	47 - 136
Endrin	0.400	0.498		ug/L		125	52 - 143
Endrin aldehyde	0.400	0.448		ug/L		112	46 - 134
Endrin ketone	0.400	0.512		ug/L		128	51 - 138
gamma-BHC (Lindane)	0.400	0.393		ug/L		98	56 - 127
gamma-Chlordane	0.400	0.384		ug/L		96	52 - 128
Heptachlor	0.400	0.455		ug/L		114	51 - 125
Heptachlor epoxide	0.400	0.435		ug/L		109	50 - 140
Methoxychlor	0.400	0.425		ug/L		106	50 - 151

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*20 - 120*
Tetrachloro-m-xylene	*79*		*36 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-212108/1-A
Matrix: Water
Analysis Batch: 212420

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212108

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/05/14 07:58	11/06/14 15:23	1
PCB-1221	ND		0.50	0.18	ug/L		11/05/14 07:58	11/06/14 15:23	1
PCB-1232	ND		0.50	0.18	ug/L		11/05/14 07:58	11/06/14 15:23	1
PCB-1242	ND		0.50	0.18	ug/L		11/05/14 07:58	11/06/14 15:23	1
PCB-1248	ND		0.50	0.18	ug/L		11/05/14 07:58	11/06/14 15:23	1
PCB-1254	ND		0.50	0.25	ug/L		11/05/14 07:58	11/06/14 15:23	1
PCB-1260	ND		0.50	0.25	ug/L		11/05/14 07:58	11/06/14 15:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*19 - 126*	*11/05/14 07:58*	*11/06/14 15:23*	*1*
Tetrachloro-m-xylene	*73*		*23 - 127*	*11/05/14 07:58*	*11/06/14 15:23*	*1*

Lab Sample ID: LCS 480-212108/2-A
Matrix: Water
Analysis Batch: 212420

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212108

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.59		ug/L		90	51 - 137
PCB-1260	4.00	3.83		ug/L		96	45 - 139

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*58*		*19 - 126*
Tetrachloro-m-xylene	*82*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-70664-1 MS
Matrix: Water
Analysis Batch: 212420

Client Sample ID: RW-4
Prep Type: Total/NA
Prep Batch: 212108

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		4.18	3.74		ug/L		90	59 - 135
PCB-1260	ND		4.18	3.75		ug/L		90	12 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*68*		*19 - 126*
Tetrachloro-m-xylene	*84*		*23 - 127*

Lab Sample ID: 480-70664-1 MSD
Matrix: Water
Analysis Batch: 212420

Client Sample ID: RW-4
Prep Type: Total/NA
Prep Batch: 212108

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		4.25	4.56		ug/L		107	59 - 135	20	50
PCB-1260	ND		4.25	4.32		ug/L		102	12 - 133	14	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*75*		*19 - 126*
Tetrachloro-m-xylene	*91*		*23 - 127*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-212066/1-A
Matrix: Water
Analysis Batch: 212912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/05/14 09:47	11/07/14 18:04	1
Antimony	ND		0.020	0.0068	mg/L		11/05/14 09:47	11/07/14 18:04	1
Arsenic	ND		0.010	0.0056	mg/L		11/05/14 09:47	11/07/14 18:04	1
Barium	ND		0.0020	0.00070	mg/L		11/05/14 09:47	11/07/14 18:04	1
Beryllium	ND		0.0020	0.00030	mg/L		11/05/14 09:47	11/07/14 18:04	1
Cadmium	ND		0.0010	0.00050	mg/L		11/05/14 09:47	11/07/14 18:04	1
Calcium	ND		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 18:04	1
Chromium	ND		0.0040	0.0010	mg/L		11/05/14 09:47	11/07/14 18:04	1
Cobalt	ND		0.0040	0.00063	mg/L		11/05/14 09:47	11/07/14 18:04	1
Copper	ND		0.010	0.0016	mg/L		11/05/14 09:47	11/07/14 18:04	1
Iron	ND		0.050	0.019	mg/L		11/05/14 09:47	11/07/14 18:04	1
Lead	ND		0.0050	0.0030	mg/L		11/05/14 09:47	11/07/14 18:04	1
Magnesium	ND		0.20	0.043	mg/L		11/05/14 09:47	11/07/14 18:04	1
Manganese	ND		0.0030	0.00040	mg/L		11/05/14 09:47	11/07/14 18:04	1
Nickel	ND		0.010	0.0013	mg/L		11/05/14 09:47	11/07/14 18:04	1
Potassium	ND		0.50	0.10	mg/L		11/05/14 09:47	11/07/14 18:04	1
Selenium	ND		0.015	0.0087	mg/L		11/05/14 09:47	11/07/14 18:04	1
Silver	ND		0.0030	0.0017	mg/L		11/05/14 09:47	11/07/14 18:04	1
Sodium	ND		1.0	0.32	mg/L		11/05/14 09:47	11/07/14 18:04	1
Thallium	ND		0.020	0.010	mg/L		11/05/14 09:47	11/07/14 18:04	1
Vanadium	ND		0.0050	0.0015	mg/L		11/05/14 09:47	11/07/14 18:04	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-212066/1-A
Matrix: Water
Analysis Batch: 212912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.00221	J	0.010	0.0015	mg/L		11/05/14 09:47	11/07/14 18:04	1

Lab Sample ID: LCS 480-212066/2-A
Matrix: Water
Analysis Batch: 212912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.72		mg/L		97	80 - 120
Antimony	0.200	0.204		mg/L		102	80 - 120
Arsenic	0.201	0.188		mg/L		94	80 - 120
Barium	0.200	0.198		mg/L		99	80 - 120
Beryllium	0.201	0.190		mg/L		95	80 - 120
Cadmium	0.201	0.196		mg/L		98	80 - 120
Calcium	10.0	9.47		mg/L		95	80 - 120
Chromium	0.201	0.197		mg/L		98	80 - 120
Cobalt	0.201	0.191		mg/L		95	80 - 120
Copper	0.201	0.208		mg/L		104	80 - 120
Iron	10.0	9.32		mg/L		93	80 - 120
Lead	0.201	0.190		mg/L		95	80 - 120
Magnesium	10.0	10.13		mg/L		101	80 - 120
Manganese	0.201	0.203		mg/L		101	80 - 120
Nickel	0.201	0.186		mg/L		93	80 - 120
Potassium	10.0	9.92		mg/L		99	80 - 120
Selenium	0.201	0.197		mg/L		98	80 - 120
Silver	0.0500	0.0486		mg/L		97	80 - 120
Sodium	10.0	9.55		mg/L		95	80 - 120
Thallium	0.200	0.204		mg/L		102	80 - 120
Vanadium	0.201	0.201		mg/L		100	80 - 120
Zinc	0.201	0.200		mg/L		100	80 - 120

Lab Sample ID: 480-70664-6 MS
Matrix: Water
Analysis Batch: 212912

Client Sample ID: S-4
Prep Type: Total/NA
Prep Batch: 212066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.57		10.0	10.51		mg/L		99	75 - 125
Antimony	ND		0.200	0.209		mg/L		104	75 - 125
Arsenic	ND		0.201	0.204		mg/L		102	75 - 125
Barium	0.032		0.200	0.229		mg/L		98	75 - 125
Beryllium	ND		0.201	0.197		mg/L		98	75 - 125
Cadmium	ND		0.201	0.203		mg/L		101	75 - 125
Calcium	96.0		10.0	108.0	4	mg/L		120	75 - 125
Chromium	ND		0.201	0.195		mg/L		97	75 - 125
Cobalt	ND		0.201	0.201		mg/L		100	75 - 125
Copper	ND		0.201	0.208		mg/L		104	75 - 125
Iron	0.096		10.0	9.56		mg/L		95	75 - 125
Lead	0.0048	J	0.201	0.201		mg/L		98	75 - 125
Magnesium	1.5		10.0	11.32		mg/L		99	75 - 125
Manganese	0.047		0.201	0.250		mg/L		102	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-70664-6 MS
Matrix: Water
Analysis Batch: 212912

Client Sample ID: S-4
Prep Type: Total/NA
Prep Batch: 212066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	ND		0.201	0.198		mg/L		99	75 - 125
Potassium	61.8		10.0	73.06	4	mg/L		113	75 - 125
Selenium	ND		0.201	0.198		mg/L		99	75 - 125
Silver	ND		0.0500	0.0508		mg/L		102	75 - 125
Sodium	58.0		10.0	68.58	4	mg/L		105	75 - 125
Thallium	ND		0.200	0.206		mg/L		103	75 - 125
Vanadium	0.010		0.201	0.219		mg/L		104	75 - 125
Zinc	0.0024	J B	0.201	0.207		mg/L		102	75 - 125

Lab Sample ID: 480-70664-6 MSD
Matrix: Water
Analysis Batch: 212912

Client Sample ID: S-4
Prep Type: Total/NA
Prep Batch: 212066

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.57		10.0	10.35		mg/L		98	75 - 125	1	20
Antimony	ND		0.200	0.207		mg/L		104	75 - 125	1	20
Arsenic	ND		0.201	0.204		mg/L		102	75 - 125	0	20
Barium	0.032		0.200	0.226		mg/L		97	75 - 125	1	20
Beryllium	ND		0.201	0.194		mg/L		97	75 - 125	2	20
Cadmium	ND		0.201	0.199		mg/L		99	75 - 125	2	20
Calcium	96.0		10.0	105.4	4	mg/L		94	75 - 125	2	20
Chromium	ND		0.201	0.195		mg/L		97	75 - 125	0	20
Cobalt	ND		0.201	0.199		mg/L		99	75 - 125	1	20
Copper	ND		0.201	0.207		mg/L		103	75 - 125	0	20
Iron	0.096		10.0	9.30		mg/L		92	75 - 125	3	20
Lead	0.0048	J	0.201	0.199		mg/L		97	75 - 125	1	20
Magnesium	1.5		10.0	11.19		mg/L		97	75 - 125	1	20
Manganese	0.047		0.201	0.248		mg/L		101	75 - 125	1	20
Nickel	ND		0.201	0.195		mg/L		97	75 - 125	1	20
Potassium	61.8		10.0	71.21	4	mg/L		94	75 - 125	3	20
Selenium	ND		0.201	0.197		mg/L		98	75 - 125	0	20
Silver	ND		0.0500	0.0489		mg/L		98	75 - 125	4	20
Sodium	58.0		10.0	67.03	4	mg/L		90	75 - 125	2	20
Thallium	ND		0.200	0.202		mg/L		101	75 - 125	2	20
Vanadium	0.010		0.201	0.216		mg/L		102	75 - 125	1	20
Zinc	0.0024	J B	0.201	0.203		mg/L		100	75 - 125	2	20

Method: 7470A_ASP - Mercury (CVAA)

Lab Sample ID: MB 480-212121/1-A
Matrix: Water
Analysis Batch: 212255

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/05/14 09:30	11/05/14 13:34	1

Method: 7470A_ASP - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-212121/2-A
Matrix: Water
Analysis Batch: 212255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00680		mg/L		102	80 - 120

Lab Sample ID: LCSD 480-212121/3-A
Matrix: Water
Analysis Batch: 212255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 212121

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00667	0.00678		mg/L		102	80 - 120	0	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-212553/1-A
Matrix: Water
Analysis Batch: 212593

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00752	J	0.010	0.0050	mg/L		11/06/14 14:28	11/06/14 17:25	1

Lab Sample ID: LCS 480-212553/2-A
Matrix: Water
Analysis Batch: 212593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.253		mg/L		101	90 - 110

GC/MS VOA

Analysis Batch: 213987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-1	RW-4	Total/NA	Water	8260C	
480-70664-1 MS	RW-4	Total/NA	Water	8260C	
480-70664-1 MSD	RW-4	Total/NA	Water	8260C	
480-70664-2	RW-5	Total/NA	Water	8260C	
480-70664-3	S-1	Total/NA	Water	8260C	
LCS 480-213987/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-213987/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 214100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-4	S-2	Total/NA	Water	8260C	
480-70664-4 MS	S-2	Total/NA	Water	8260C	
480-70664-4 MSD	S-2	Total/NA	Water	8260C	
480-70664-5	S-3	Total/NA	Water	8260C	
480-70664-6	S-4	Total/NA	Water	8260C	
LCS 480-214100/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-214100/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 212228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-1	RW-4	Total/NA	Water	3510C	
480-70664-1 MS	RW-4	Total/NA	Water	3510C	
480-70664-1 MSD	RW-4	Total/NA	Water	3510C	
480-70664-2	RW-5	Total/NA	Water	3510C	
480-70664-3	S-1	Total/NA	Water	3510C	
480-70664-4	S-2	Total/NA	Water	3510C	
480-70664-5	S-3	Total/NA	Water	3510C	
480-70664-6	S-4	Total/NA	Water	3510C	
LCS 480-212228/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-212228/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 215871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-1	RW-4	Total/NA	Water	8270D	212228
480-70664-1 MS	RW-4	Total/NA	Water	8270D	212228
480-70664-1 MSD	RW-4	Total/NA	Water	8270D	212228
480-70664-2	RW-5	Total/NA	Water	8270D	212228
480-70664-3	S-1	Total/NA	Water	8270D	212228
480-70664-4	S-2	Total/NA	Water	8270D	212228
480-70664-5	S-3	Total/NA	Water	8270D	212228
480-70664-6	S-4	Total/NA	Water	8270D	212228
LCS 480-212228/2-A	Lab Control Sample	Total/NA	Water	8270D	212228
MB 480-212228/1-A	Method Blank	Total/NA	Water	8270D	212228

GC Semi VOA

Prep Batch: 212108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-1	RW-4	Total/NA	Water	3510C	
480-70664-1 MS	RW-4	Total/NA	Water	3510C	
480-70664-1 MSD	RW-4	Total/NA	Water	3510C	
480-70664-2	RW-5	Total/NA	Water	3510C	
480-70664-3	S-1	Total/NA	Water	3510C	
480-70664-4	S-2	Total/NA	Water	3510C	
480-70664-5	S-3	Total/NA	Water	3510C	
480-70664-6	S-4	Total/NA	Water	3510C	
LCS 480-212108/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-212108/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 212406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	3510C	
480-70664-4	S-2	Total/NA	Water	3510C	
480-70664-5	S-3	Total/NA	Water	3510C	
480-70664-6	S-4	Total/NA	Water	3510C	
LCS 480-212406/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-212406/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 212420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-1	RW-4	Total/NA	Water	8082A	212108
480-70664-1 MS	RW-4	Total/NA	Water	8082A	212108
480-70664-1 MSD	RW-4	Total/NA	Water	8082A	212108
480-70664-2	RW-5	Total/NA	Water	8082A	212108
480-70664-3	S-1	Total/NA	Water	8082A	212108
480-70664-4	S-2	Total/NA	Water	8082A	212108
480-70664-5	S-3	Total/NA	Water	8082A	212108
480-70664-6	S-4	Total/NA	Water	8082A	212108
LCS 480-212108/2-A	Lab Control Sample	Total/NA	Water	8082A	212108
MB 480-212108/1-A	Method Blank	Total/NA	Water	8082A	212108

Analysis Batch: 212785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	8081B	212406
480-70664-4	S-2	Total/NA	Water	8081B	212406
480-70664-5	S-3	Total/NA	Water	8081B	212406
480-70664-6	S-4	Total/NA	Water	8081B	212406
LCS 480-212406/2-A	Lab Control Sample	Total/NA	Water	8081B	212406
MB 480-212406/1-A	Method Blank	Total/NA	Water	8081B	212406

Analysis Batch: 212991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-212406/2-A	Lab Control Sample	Total/NA	Water	8081B	212406
MB 480-212406/1-A	Method Blank	Total/NA	Water	8081B	212406

Metals

Prep Batch: 212066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	3005A	
480-70664-4	S-2	Total/NA	Water	3005A	
480-70664-5	S-3	Total/NA	Water	3005A	
480-70664-6	S-4	Total/NA	Water	3005A	
480-70664-6 MS	S-4	Total/NA	Water	3005A	
480-70664-6 MSD	S-4	Total/NA	Water	3005A	
LCS 480-212066/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-212066/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 212121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	7470A	
480-70664-4	S-2	Total/NA	Water	7470A	
480-70664-5	S-3	Total/NA	Water	7470A	
480-70664-6	S-4	Total/NA	Water	7470A	
LCS 480-212121/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 480-212121/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 480-212121/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 212255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	7470A_ASP	212121
480-70664-4	S-2	Total/NA	Water	7470A_ASP	212121
480-70664-5	S-3	Total/NA	Water	7470A_ASP	212121
480-70664-6	S-4	Total/NA	Water	7470A_ASP	212121
LCS 480-212121/2-A	Lab Control Sample	Total/NA	Water	7470A_ASP	212121
LCSD 480-212121/3-A	Lab Control Sample Dup	Total/NA	Water	7470A_ASP	212121
MB 480-212121/1-A	Method Blank	Total/NA	Water	7470A_ASP	212121

Analysis Batch: 212912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	6010C	212066
480-70664-4	S-2	Total/NA	Water	6010C	212066
480-70664-5	S-3	Total/NA	Water	6010C	212066
480-70664-6	S-4	Total/NA	Water	6010C	212066
480-70664-6 MS	S-4	Total/NA	Water	6010C	212066
480-70664-6 MSD	S-4	Total/NA	Water	6010C	212066
LCS 480-212066/2-A	Lab Control Sample	Total/NA	Water	6010C	212066
MB 480-212066/1-A	Method Blank	Total/NA	Water	6010C	212066

General Chemistry

Prep Batch: 212553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	9012B	
480-70664-4	S-2	Total/NA	Water	9012B	
480-70664-5	S-3	Total/NA	Water	9012B	
480-70664-6	S-4	Total/NA	Water	9012B	
LCS 480-212553/2-A	Lab Control Sample	Total/NA	Water	9012B	
MB 480-212553/1-A	Method Blank	Total/NA	Water	9012B	

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

General Chemistry (Continued)

Analysis Batch: 212593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-70664-3	S-1	Total/NA	Water	9012B	212553
480-70664-4	S-2	Total/NA	Water	9012B	212553
480-70664-5	S-3	Total/NA	Water	9012B	212553
480-70664-6	S-4	Total/NA	Water	9012B	212553
LCS 480-212553/2-A	Lab Control Sample	Total/NA	Water	9012B	212553
MB 480-212553/1-A	Method Blank	Total/NA	Water	9012B	212553

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: RW-4

Lab Sample ID: 480-70664-1

Date Collected: 11/04/14 08:45

Matrix: Water

Date Received: 11/04/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213987	11/13/14 23:00	LCH	TAL BUF
Total/NA	Prep	3510C			212228	11/05/14 14:12	RJS	TAL BUF
Total/NA	Analysis	8270D		1	215871	11/25/14 13:18	PJQ	TAL BUF
Total/NA	Prep	3510C			212108	11/05/14 07:58	MRB	TAL BUF
Total/NA	Analysis	8082A		1	212420	11/06/14 16:27	DLE	TAL BUF

Client Sample ID: RW-5

Lab Sample ID: 480-70664-2

Date Collected: 11/04/14 10:35

Matrix: Water

Date Received: 11/04/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213987	11/13/14 23:24	LCH	TAL BUF
Total/NA	Prep	3510C			212228	11/05/14 14:12	RJS	TAL BUF
Total/NA	Analysis	8270D		1	215871	11/25/14 13:44	PJQ	TAL BUF
Total/NA	Prep	3510C			212108	11/05/14 07:58	MRB	TAL BUF
Total/NA	Analysis	8082A		1	212420	11/06/14 16:43	DLE	TAL BUF

Client Sample ID: S-1

Lab Sample ID: 480-70664-3

Date Collected: 11/04/14 13:15

Matrix: Water

Date Received: 11/04/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	213987	11/13/14 23:48	LCH	TAL BUF
Total/NA	Prep	3510C			212228	11/05/14 14:12	RJS	TAL BUF
Total/NA	Analysis	8270D		1	215871	11/25/14 14:11	PJQ	TAL BUF
Total/NA	Prep	3510C			212406	11/06/14 08:26	TRG	TAL BUF
Total/NA	Analysis	8081B		5	212785	11/07/14 16:05	DLE	TAL BUF
Total/NA	Prep	3510C			212108	11/05/14 07:58	MRB	TAL BUF
Total/NA	Analysis	8082A		1	212420	11/06/14 16:58	DLE	TAL BUF
Total/NA	Prep	3005A			212066	11/05/14 09:47	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	212912	11/07/14 18:59	LMH	TAL BUF
Total/NA	Prep	7470A			212121	11/05/14 09:30	TAS	TAL BUF
Total/NA	Analysis	7470A_ASP		1	212255	11/05/14 14:04	TAS	TAL BUF
Total/NA	Prep	9012B			212553	11/06/14 14:28	EKB	TAL BUF
Total/NA	Analysis	9012B		1	212593	11/06/14 17:34	RS	TAL BUF

Client Sample ID: S-2

Lab Sample ID: 480-70664-4

Date Collected: 11/04/14 13:45

Matrix: Water

Date Received: 11/04/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214100	11/14/14 12:08	CXM	TAL BUF

Client Sample ID: S-2

Lab Sample ID: 480-70664-4

Date Collected: 11/04/14 13:45

Matrix: Water

Date Received: 11/04/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			212228	11/05/14 14:12	RJS	TAL BUF
Total/NA	Analysis	8270D		1	215871	11/25/14 14:37	PJQ	TAL BUF
Total/NA	Prep	3510C			212406	11/06/14 08:26	TRG	TAL BUF
Total/NA	Analysis	8081B		1	212785	11/07/14 16:23	DLE	TAL BUF
Total/NA	Prep	3510C			212108	11/05/14 07:58	MRB	TAL BUF
Total/NA	Analysis	8082A		5	212420	11/06/14 17:14	DLE	TAL BUF
Total/NA	Prep	3005A			212066	11/05/14 09:47	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	212912	11/07/14 19:10	LMH	TAL BUF
Total/NA	Prep	7470A			212121	11/05/14 09:30	TAS	TAL BUF
Total/NA	Analysis	7470A_ASP		1	212255	11/05/14 14:06	TAS	TAL BUF
Total/NA	Prep	9012B			212553	11/06/14 14:28	EKB	TAL BUF
Total/NA	Analysis	9012B		1	212593	11/06/14 17:35	RS	TAL BUF

Client Sample ID: S-3

Lab Sample ID: 480-70664-5

Date Collected: 11/04/14 14:15

Matrix: Water

Date Received: 11/04/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214100	11/14/14 12:32	CXM	TAL BUF
Total/NA	Prep	3510C			212228	11/05/14 14:12	RJS	TAL BUF
Total/NA	Analysis	8270D		1	215871	11/25/14 15:03	PJQ	TAL BUF
Total/NA	Prep	3510C			212406	11/06/14 08:26	TRG	TAL BUF
Total/NA	Analysis	8081B		2	212785	11/07/14 16:40	DLE	TAL BUF
Total/NA	Prep	3510C			212108	11/05/14 07:58	MRB	TAL BUF
Total/NA	Analysis	8082A		1	212420	11/06/14 17:30	DLE	TAL BUF
Total/NA	Prep	3005A			212066	11/05/14 09:47	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	212912	11/07/14 19:12	LMH	TAL BUF
Total/NA	Prep	7470A			212121	11/05/14 09:30	TAS	TAL BUF
Total/NA	Analysis	7470A_ASP		1	212255	11/05/14 14:08	TAS	TAL BUF
Total/NA	Prep	9012B			212553	11/06/14 14:28	EKB	TAL BUF
Total/NA	Analysis	9012B		1	212593	11/06/14 17:37	RS	TAL BUF

Client Sample ID: S-4

Lab Sample ID: 480-70664-6

Date Collected: 11/04/14 14:45

Matrix: Water

Date Received: 11/04/14 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	214100	11/14/14 12:56	CXM	TAL BUF
Total/NA	Prep	3510C			212228	11/05/14 14:12	RJS	TAL BUF
Total/NA	Analysis	8270D		1	215871	11/25/14 15:29	PJQ	TAL BUF
Total/NA	Prep	3510C			212406	11/06/14 08:26	TRG	TAL BUF
Total/NA	Analysis	8081B		1	212785	11/07/14 17:15	DLE	TAL BUF
Total/NA	Prep	3510C			212108	11/05/14 07:58	MRB	TAL BUF

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Client Sample ID: S-4
Date Collected: 11/04/14 14:45
Date Received: 11/04/14 15:45

Lab Sample ID: 480-70664-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		10	212420	11/06/14 17:46	DLE	TAL BUF
Total/NA	Prep	3005A			212066	11/05/14 09:47	KJ1	TAL BUF
Total/NA	Analysis	6010C		1	212912	11/07/14 19:15	LMH	TAL BUF
Total/NA	Prep	7470A			212121	11/05/14 09:30	TAS	TAL BUF
Total/NA	Analysis	7470A_ASP		1	212255	11/05/14 14:09	TAS	TAL BUF
Total/NA	Prep	9012B			212553	11/06/14 14:28	EKB	TAL BUF
Total/NA	Analysis	9012B		1	212593	11/06/14 17:38	RS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dichloroethene, Total

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A_ASP	Mercury (CVAA)	SW846	TAL BUF
9012B	Cyanide, Total andor Amenable	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-70664-1	RW-4	Water	11/04/14 08:45	11/04/14 15:45
480-70664-2	RW-5	Water	11/04/14 10:35	11/04/14 15:45
480-70664-3	S-1	Water	11/04/14 13:15	11/04/14 15:45
480-70664-4	S-2	Water	11/04/14 13:45	11/04/14 15:45
480-70664-5	S-3	Water	11/04/14 14:15	11/04/14 15:45
480-70664-6	S-4	Water	11/04/14 14:45	11/04/14 15:45

Detection Limit Exceptions Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Cherry Farms Annual GW Sample

TestAmerica Job ID: 480-70664-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
6010C	Water	Arsenic	mg/L	0.010	0.015
6010C	Water	Cadmium	mg/L	0.0010	0.002
6010C	Water	Lead	mg/L	0.0050	0.01
6010C	Water	Selenium	mg/L	0.015	0.025
6010C	Water	Silver	mg/L	0.0030	0.006

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Mike Klass	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-57905-15219.2
Client Contact: Steven Leitten	Phone: 560 4934	E-Mail: judy.stone@testamericainc.com		Page: Page 2 of 2
Company: Groundwater & Environmental Services Inc				Job #:
Address: 495 Aero Drive Suite 3	Due Date Requested:			
City: Cheektowaga	TAT Requested (days): STD			
State, Zip: NY, 14225				
Phone:	PO #: 901469			
Email: sleitten@gesonline.com	WO #:			
Project Name: Cherry Farms Annual GW Sample	Project #: 48002788			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8270D - (MOD) TCL SVOA - OLM04.2	8260C - (MOD) TCL list OLM04.2	8081B - TCL Pesticides - OLM04.2	6010C, 7470A	9012B - Cyanide, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A	N	D	B		
RW-4	11/4/14	0845	G	Water	N	Y	6	6	9					triple volume for MS/MSD
RW-5	11/4/14	1035	G	Water	N	N	2	2	3					
S-1	11/4/14	1315	G	Water	N	N	2	2	3	2	1	1		
S-2	11/4/14	1345	G	water	N	N	2	2	3	2	1	1		
S-3	11/4/14	1415	G	water	N	N	2	2	3	2	1	1		
S-4	11/4/14	1445	G	water	N	N	2	2	3	2	1	1		

480-70664 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/4/14 1540	GES	Cameron Wallace	11-4-14 1545	TA BUFF
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #1 2.3, 2.6

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-70664-1

Login Number: 70664

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX B-1
Historical Water Level Data

Appendix B-1 - Historical Water Level Data
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

WELL NAME	Original ELEV. TOC	Top of Screen (BTOC)	8/8/1997 DTW (FEET)	8/19/1997 DTW (FEET)	8/20/1997 DTW (FEET)	8/21/1997 DTW (FEET)	8/22/1997 DTW (FEET)	8/25/1997 DTW (FEET)	9/4/1997 DTW (FEET)	9/12/1997 DTW (FEET)	10/3/1997 DTW (FEET)	10/13/1997 DTW (FEET)	11/21/1997 DTW (FEET)	12/5/1997 DTW (FEET)	12/24/1997 DTW (FEET)	1/6/1998 DTW (FEET)	2/2/1998 DTW (FEET)	2/18/1998 DTW (FEET)	4/1/1998 DTW (FEET)	4/27/1998 DTW (FEET)	5/27/1998 DTW (FEET)	6/25/1998 DTW (FEET)	7/31/1998 DTW (FEET)	8/27/1998 DTW (FEET)	9/28/1998 DTW (FEET)	10/21/1998 DTW (FEET)	11/23/1998 DTW (FEET)	12/29/1998 DTW (FEET)
MW-1	577.68	17.32	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	11.65	11.75	11.95	12.41	12.63
MW-2	578.76	17.24	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	12.84	12.96	13.11	13.67	13.95
MW-3	571.16	10.59	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	5.90	5.96	6.08	6.46	7.05
MW-4	583.83	25.45	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	18.18	18.18	18.45	18.87	19.30
MW-5	584.14	24.76	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	18.48	18.6	18.92	19.36	19.74
MW-6	585.70	29.15	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	19.93	20.32	20.30	21.14	21.69
MW-7	586.40	23.60	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	20.41	20.78	21.00	21.7	22.13
OW-1	573.63	NA	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	8.30	8.38	8.69	9.14	9.66
OW-2	584.14	15.81	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	16.00	15.94	15.94	15.94	16.00
OW-3	576.25	NA	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	10.03	10.1	10.42	10.8	11.38
OW-4	572.21	NA	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	5.91	6.16	6.41	6.88	7.47
OW-5	584.16	15.94	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	17.06	16.96	17.06	16.95	17.32
OW-5	584.03																											
OW-6	572.12	NA	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	4.28	4.45	5.03	5.64	6.77
OW-6	572.17																											
OW-7	574.84	NA	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	7.62	6.4	7.25	8.07	9.62
OW-8	571.31	NA	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	4.69	3.92	5.23	5.36	6.43
OW-9	588.32	13.08	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			17.43	18.63	20.08	
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	6.86	5.75	7.70	7.23	7.95
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	5.37	5.59	5.88	6.29	6.92
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	4.51	4.8	5.23	5.78	6.70
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	5.51	3.02	3.42	4.7	6.61
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	21.08	21.85	25.35	17.23	27.15
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	21.53	21.4	25.61	26.01	25.88
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	21.59	22.19	26.55	26.77	38.32
RW-4	581.83	25.08	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	22.08	21.52	24.51	24.53	17.29
RW-5	582.05	24.51		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	22.28	21.75	25.42	37.62	25.61
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	10.12	5.36	15.20	14.23	14.63
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	10.37	19.8	14.97	5.72	22.12
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	22.23	22.69	27.12	26.7	26.12
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	17.71	23.93	18.31	27.23	19.63
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	22.79	23.35	23.31	23.52	22.65
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		20.32	21.07	20.74	21.21	23.12
SG	568.89																											
SG	567.75																											

** Staff Gauge, OW-5, and OW-6 were re-surveyed in June 2011.
DTW = depth to water
FEET = feet BTOC
BTOC = below top of casing

Appendix B-1 - Historical Water Level Data
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

		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	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
	Original																								
WELL	ELEV.	DTW	DTW	DTW	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)	(FEET)	(FEET)	(FEET)
MW-1	577.68	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	12.55	12.25	11.97	11.86	12.14	12.14	12.67	12.91	13.02
MW-2	578.76	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	14.05	13.70	13.43	13.32	13.56	13.57	14.14	14.46	14.63
MW-3	571.16	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	6.75	6.29	5.75	5.68	6.04	6.42	6.84	6.72	7.39
MW-4	583.83	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	19.07	15.05	16.52	16.23	17.42	18.8	19.35	13.50	18.87
MW-5	584.14	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	19.93	19.46	19.07	18.82	19.02	19.85	19.93	20.36	20.35
MW-6	585.70	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	21.52	21.35	21.02	20.53	21.14	21.08	21.65	21.95	22.18
MW-7	586.40	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	21.71	21.47	21.12	20.78	21.39	21.33	21.95	22.35	22.29
OW-1	573.63	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	9.72	9.15	8.68	8.52	8.84	9.14	9.42	9.60	10.13
OW-2	584.14	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	16.63	16.72	16.59	16.43	16.48	16.38	16.41	16.72	16.41
OW-3	576.25	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	11.26	11.18	10.79	10.75	10.88	11.21	11.65	11.85	11.77
OW-4	572.21	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	7.35	7.15	6.73	6.73	6.9	7.27	7.83	8.19	7.83
OW-5	584.16	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	18.28	18.21	17.91	17.71	17.7	17.68	17.98	18.27	18.31
OW-5	584.03																								
OW-6	572.12	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	6.85	6.70	6.17	6.19	6.49	6.93	7.37	7.55	7.40
OW-6	572.17																								
OW-7	574.84	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	9.71	9.43	8.76	8.88	9.27	10.35	10.72	10.24	10.43
OW-8	571.31	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	6.49	6.31	6.04	6.03	6.33	7.01	7.34	6.93	7.14
OW-9	588.32				21.64	21.75	21.94	22.02	21.97	22.11	21.88	21.67	21.72	21.62	21.99	21.78	21.51	21.48	21.20	21.21	21.65	21.88	22.11	22.22	22.20
S-1	571.84	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	7.71	7.79	7.85	7.47	7.78	7.61	7.63	7.55	7.62
S-2	571.81	6.77	6.8	6.78	6.77	6.65	7.01	6.78	6.82	6.95	6.72	6.91	6.86	6.51	6.94	6.83	6.78	6.60	6.17	6.15	6.35	6.79	7.35	7.69	7.31
S-3	571.84	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	6.68	6.55	5.99	6.03	6.27	6.85	7.52	7.78	7.41
S-4	571.51	5.97	6.13	6.28	6.32	6.39	6.95	6.37	6.33	6.44	7.05	7.03	7.04	6.86	6.88	7.15	6.72	6.14	5.61	5.61	5.96	7.81	7.91	7.03	7.33
RW-1	581.82	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	25.64	25.68	16.61	16.57		33.05	17.38	16.57	26.50
RW-2	581.82	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	25.91	25.95	25.46	16.37		26.05	25.45	25.82	25.61
RW-3	582.30	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	23.09	19.83	19.68	16.82		38.22	36.06	38.47	37.34
RW-4	581.83	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	22.49	21.78	21.91	16.46		16.88	25.85	26.60	26.27
RW-5	582.05	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	25.65	26.20	26.47	16.74		37.06	37.83	36.50	37.41
RW-6	570.76	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	15.17	9.76	5.82	5.48		15.43	15.08	19.48	22.90
RW-7	570.67	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	14.00	14.28	14.24	5.37		5.84	14.3	14.10	19.55
RW-8	583.83	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	26.37	26.32	26.63	18.55	18.85	18.95	26.32	26.30	20.18
RW-9	583.86	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	19.44	27.58	27.10	18.50	21.55	18.95	19.5	19.91	20.13
RW-10	583.28	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	22.83	22.63	22.29	21.67	22.25	23.25	23.04	22.70	22.82
RW-11	581.22	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	22.80	22.71	23.36	23.32	23.42	23.09	22.78	23.44	22.85
SG	568.89																				0.73	0.65	0.06	0.3	DRY
SG	567.75																								

** Staff Gauge, OW-5, and OW-6 were re-surveyed in June 2011.
DTW = depth to water
FEET = feet BTOC
BTOC = below top of casing

Appendix B-1 - Historical Water Level Data
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

		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	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
	Original																							
WELL	ELEV.	DTW	DTW	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)	(FEET)	(FEET)
MW-1	577.68	12.96	12.58	12.77	12.30	12.11	12.22	12.63	12.79	12.67	12.67	12.98	12.58	12.48	12.48	12.07	11.87	11.90	12.45	12.28	12.44	12.40	12.80	12.66
MW-2	578.76	14.32	14.11	14.45	13.75	13.61	13.69	13.93	14.13	13.90	14.08	14.50	14.11	13.91	13.96	13.48	13.25	13.26	13.80	13.57	13.62	13.65	14.30	14.25
MW-3	571.16	7.03	6.90	6.96	6.21	6.02	6.21	7.01	7.03	7.05	6.76	7.31	7.04	6.75	6.89	6.51	6.29	6.21	6.89	6.81	6.95	6.24	6.61	6.55
MW-4	583.83	19.69	19.32	19.39	19.00	18.83	18.87	19.22	19.52	19.51	12.27	14.45	8.50	16.02	16.51	18.55	18.64	18.81	19.25	19.02	19.12	18.76	19.05	19.05
MW-5	584.14	20.27	20.04	20.12	19.62	19.42	19.37	19.55	19.80	19.67	19.77	20.23	19.88	19.67	19.71	19.25	19.04	19.10	19.56	19.31	19.52	19.23	20.01	20.04
MW-6	585.70	21.84	21.76	22.34	21.41	21.25	21.21	21.32	21.47	21.43	21.65	21.92	21.81	21.64	21.56	20.96	20.87	20.81	21.22	21.02	21.22	21.02	21.81	21.85
MW-7	586.40	22.11	21.82	22.13	21.60	21.44	21.47	21.76	21.81	21.89	21.92	22.06	21.74	21.43	21.60	20.90	20.73	20.94	21.55	21.35	21.50	21.45	22.01	21.89
OW-1	573.63	9.97	9.78	9.75	9.10	8.90	8.99	9.60	9.67	9.53	9.59	10.10	9.77	9.55	9.67	9.28	8.82	8.93	7.42	9.28	9.31	8.86	9.51	9.55
OW-2	584.14	16.73	16.63	9.84	16.60	16.59	16.77	16.71	14.67	16.66	15.11	15.18	15.21	16.29	16.41	15.37	16.17	16.06	16.20	16.30	16.22	15.12	16.09	16.42
OW-3	576.25	11.83	11.63	11.47	11.42	11.21	11.16	11.67	11.71	11.79	11.45	11.45	11.15	10.84	10.86	10.47	10.37	10.58	10.83	10.87	11.08	11.26	11.25	11.69
OW-4	572.21	7.98	7.67	7.60	7.51	7.20	7.15	7.73	7.68	7.72	7.50	7.53	7.21	6.98	6.94	6.61	6.53	6.63	6.94	6.92	7.08	7.24	7.44	7.62
OW-5	584.16	18.58	18.48	18.53	18.24	18.25	18.14	18.16	18.24	18.32	18.52	18.65	18.01	17.69	17.70	17.40	17.15	17.30	17.41	17.39	17.57	17.79	17.84	18.00
OW-5	584.03																							
OW-6	572.12	7.41	7.11	6.95	6.95	6.65	6.67	7.29	7.26	7.34	7.05	7.01	6.54	6.14	6.22	5.72	5.57	5.88	6.40	6.48	6.73	6.89	6.75	6.73
OW-6	572.17																							
OW-7	574.84	10.28	9.90	9.65	9.73	9.38	9.38	10.12	10.17	10.30	9.87	9.91	9.23	8.71	8.87	8.31	8.07	8.47	9.02	9.21	9.48	9.53	9.82	9.62
OW-8	571.31	6.92	6.51	6.54	6.49	6.40	6.45	6.81	6.91	6.98	6.79	6.92	6.46	6.02	6.18	5.77	5.55	5.87	6.40	6.30	6.58	6.64	6.70	6.58
OW-9	588.32	22.03	21.70	21.73	21.65	21.67	21.78	22.12	22.17	22.37	22.06	21.90	21.38	20.92	21.27	20.77	20.48	21.07	21.68	21.87	22.07	22.17	21.94	21.75
S-1	571.84	7.59	7.95	7.57	7.68	7.65	7.56	7.53	7.27	7.26	6.56	8.21	7.95	7.90	7.72	5.82	5.85	6.15	6.19	6.15	5.92	5.95	7.95	7.65
S-2	571.81	7.49	7.09	6.96	6.94	6.56	6.55	7.17	7.15	7.23	6.91	6.91	6.57	6.31	6.30	5.89	5.83	6.01	6.33		6.60	6.75	6.97	7.10
S-3	571.84	7.53	7.1	6.9	6.91	6.46	6.47	7.29	7.13	7.27	6.91	6.85	6.4	5.98	6.03	5.54	5.42	5.68	6.11	6.27	6.54	6.69	6.56	6.52
S-4	571.51	7.00	6.51	6.32	6.46	6.08	5.88	6.56	6.59	6.71	6.45	6.72	6.16	5.39	5.64	5.07	4.72	5.23	5.71	5.98	6.26	6.42	6.94	7.00
RW-1	581.82	35.65	34.39	17.82	17.05	16.71	16.95	33.22	27.04	32.51	33.12	35.85	34.45	26.78	34.11	32.39	31.25	26.25	33.71	34.30	34.22	17.11	11.85	8.92
RW-2	581.82	26.29	25.90	25.94	26.07	15.15	25.45	25.69	17.50	25.31	25.43	25.50	25.57	25.61	26.32	25.47	26.40	25.35	25.99	26.50	17.35	16.90	16.06	14.96
RW-3	582.30	34.30	28.45	21.10	29.14	30.56	30.58	28.61	35.13	32.19	22.65	34.11	31.95	30.25	29.02	26.10	29.27	30.10	31.28	32.20	33.89	17.35	13.05	17.39
RW-4	581.83	25.45	25.47	17.97	25.40	25.48	25.77	17.26	26.33	26.35	17.46	26.16	17.55	25.94	17.45	16.55	16.75	25.85	25.97	17.04	26.35	17.01	17.41	17.41
RW-5	582.05	37.70	28.55	22.27	21.82	21.01	20.51	20.58	22.95	24.00	24.90	25.49	17.75	17.48	23.81	23.55	22.15	22.53	27.20	27.61	35.15	17.29	16.15	17.67
RW-6	570.76	16.40	13.14	11.29	10.24	6.08	6.06	14.77	6.40	14.30	14.71	15.35	8.29	7.48	7.61	14.80	14.12	14.81	11.07	14.95	14.61	6.11	6.25	6.35
RW-7	570.67	6.70	6.51	6.90	18.35	14.55	14.88	14.43	6.29	14.99	14.92	6.75	14.75	14.90	14.50	14.43	14.31	14.95	14.95	14.79	14.78	5.98	4.21	6.41
RW-8	583.83	26.08	19.36	26.09	18.86	26.85	18.46	19.33	26.41	19.38	19.55	26.45	26.70	26.07	27.03	18.95	26.76	19.05	19.18	18.99	19.12	19.05	19.52	19.65
RW-9	583.86	19.78	27.15	27.52	27.42	28.01	27.04	19.32	19.45	27.23	27.26	19.77	27.15	27.07	26.91	18.81	27.92	27.71	28.10	28.41	27.64	19.01	19.22	18.74
RW-10	583.28	23.33	22.62	22.95	22.76	22.46	22.74	22.64	18.74	23.33	23.03	22.55	23.05	22.88	23.20	17.89	17.85	17.93	21.35	18.15	18.49	18.46	18.81	18.68
RW-11	581.22	23.70	23.61	23.68	23.65	22.90	22.76	23.07	23.53	23.36	23.49	23.55	23.22	23.59	23.12	15.38	22.81	15.61	22.51	23.11	23.55	16.37	16.55	16.37
SG	568.89	DRY	DRY	DRY	0.44	0.52	0.62	0.54	0.35	0.62	0.3	DRY	DRY	DRY	DRY	0.4	0.65	0.65	0.65	0.65	0.8	0.65	DRY	DRY
SG	567.75																							

** Staff Gauge, OW-5, and OW-6 were re-surveyed in June 2011.
DTW = depth to water
FEET = feet BTOC
BTOC = below top of casing

Appendix B-1 - Historical Water Level Data
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

		1/30/2003	2/28/2003	3/11/2003	4/15/2003	5/28/2003	6/23/2003	7/18/2003	8/29/2003	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	6/7/2004	7/21/2004	8/20/2004	9/24/2004	10/28/2004	2/15/2005	4/20/2005	8/1/2005	12/8/2005	3/21/2006	6/23/2006	9/26/2006	12/19/2006
	Original																													
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	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)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	12.77	12.63	12.49	11.99	11.91	11.68	12.18	12.40	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	12.10
MW-2	578.76	14.50	14.51	14.24	13.68	13.59	13.30	13.68	13.75	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	13.78
MW-3	571.16	7.09	6.96	6.68	6.16	6.08	5.82	6.29	6.48	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	6.30
MW-4	583.83				18.50	18.38	18.12	18.51	18.60	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	16.18
MW-5	584.14		20.15	19.96	19.27	19.17	18.83	19.17	19.30	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	19.31
MW-6	585.70	21.88	22.04	21.81	21.11	21.02	20.67	21.15	21.08	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	20.95
MW-7	586.40	22.00	22.09	21.85	21.11	21.27	20.93	21.28	21.47	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	20.96
OW-1	573.63	9.82	9.83	9.63	9.03	8.74	8.55	8.97	9.11	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	8.93
OW-2	584.14		16.15	16.38	16.26	16.20	16.15	16.35	16.21	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	15.15
OW-3	576.25	11.53	11.83	11.91	11.19	11.10	11.00	10.98	11.56	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	9.16
OW-4	572.21	7.72	8.10	7.80	7.26	7.22	7.03	7.08	7.86	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	6.24
OW-5	584.16		17.98	18.12	17.84	17.64	17.60	17.46	17.51	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	16.08
OW-5	584.03																														
OW-6	572.12	6.85	7.07	6.92	6.35	6.56	6.47	6.41	7.05	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	4.80
OW-6	572.17																														
OW-7	574.84	10.17	10.42	9.73	8.89	7.39	9.23	9.52	10.64	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	7.38
OW-8	571.31	6.95	7.20	6.75	6.06	6.36	6.21	6.45	7.11	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	5.40
OW-9	588.32	21.78	21.88	21.81	21.19	21.59	21.68	21.79	22.02	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	20.06
S-1	571.84	7.70	7.52	7.12	7.52	7.45	7.75	6.98	7.85	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	4.70
S-2	571.81		7.54	7.06	6.62	6.64	6.40	6.38	7.21	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	4.65
S-3	571.84		6.83	6.50	6.15	6.35	6.10	6.00	6.35	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	4.50
S-4	571.51	7.58	7.82	6.48	5.56	6.35	6.17	7.06	8.94	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	4.95
RW-1	581.82	17.60	17.53	17.17	16.65	16.69	16.20	16.65	17.09	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	NA	NA	NA	NA	NA	NA
RW-2	581.82	17.40	17.31	17.25	17.31	16.67	16.21	16.47	16.85	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	NA	NA	NA	NA	NA	NA
RW-3	582.30	17.90	17.86	17.68	17.07	17.18	16.60	16.39	17.17	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	NA	NA	NA	NA	NA	NA
RW-4	581.83	17.50	17.54	17.51	16.77	16.56	16.27	16.68	16.72	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	16.80
RW-5	582.05	17.80	17.82	17.72	17.07	17.03	16.58	16.88	17.10	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	17.10
RW-6	570.76	6.50	6.67	6.49	5.88	5.77	5.34	5.75	5.88	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	NA	NA	NA	NA	NA	NA
RW-7	570.67	6.40	6.52	6.15	5.65	5.77	5.22	5.67	5.71	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	NA	NA	NA	NA	NA	NA
RW-8	583.83	19.60	19.78	18.67	18.85	18.81	18.43	18.87	18.82	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	NA	NA	NA	NA	NA	NA
RW-9	583.86		17.77	19.53																						NA	NA	NA	NA	NA	NA
RW-10	583.28		18.88	19.68	17.91	17.92	17.65	18.14	18.15	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	NA	NA	NA	NA	NA	NA
RW-11	581.22				15.58	15.85	15.43	15.82	16.08	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	NA	NA	NA	NA	NA	NA
SG	568.89				0.2	0.5	0.95	0.45	0.85	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	1.8
SG	567.75																														

** Staff Gauge, OW-5, and OW-6 were re-surveyed in June 2011.
DTW = depth to water
FEET = feet BTOC
BTOC = below top of casing

Appendix B-1 - Historical Water Level Data
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

		12/27/2007	3/31/2008	6/27/2008	9/26/2008	11/5/2008	3/4/2009	6/19/2009	9/9/2009	12/24/2009	1/27/2010	4/28/2010	7/8/2010	10/18/2010	1/3/2011	6/17/2011	9/30/2011	12/23/2011	1/31/2012	6/11/2012	8/6/2012	11/28/2012	3/13/2013	5/15/2013	9/27/2013	12/9/2013	3/28/2014	6/27/2014	9/29/2014	11/5/2014
	Original																												
WELL	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	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)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
MW-1	577.68	12.11	10.33	11.91	12.23	12.48	12.04	11.75	11.94	12.44	11.38	11.91	11.86	11.98	12.03	11.21	11.24	11.42	11.29	11.92	13.31	12.36	12.14	11.87	11.83	12.01	12.05	11.99	11.95	11.83
MW-2	578.76	13.95	13.36	13.59	13.91	14.29	13.72	13.35	13.58	14.21	12.99	13.56	13.55	16.69	13.88	12.85	12.68	13.38	12.98	13.69	13.83	14.36	14.05	13.65	13.6	13.7	13.91	13.15	13.56	13.51
MW-3	571.16	6.51	5.80	6.03	6.52	6.74	6.29	5.82	6.39	6.70	5.60	6.06	6.18	5.25	6.41	5.54	5.36	5.88	5.68	6.34	6.69	6.86	6.42	6.16	5.76	6.27	6.5	6.27	6.17	6.05
MW-4	583.83	17.36		18.31	18.62	19.01	18.44	18.1	18.32	18.96	15.36	18.41	18.31	19.45	16.42	17.61				18.41	18.77	19.03	11.57	18.45	18.4	18.45	18.75	18.13	18.48	18.29
MW-5	584.14	19.72	18.93	19.01	19.32	19.79	19.27	18.8	19.01	19.81	18.71	19.06	18.98	19.20	19.54	18.23	18.17	18.91	18.7	19.11	19.26	19.86	19.54	19.15	19.5	19.3	19.51	18.75	19.03	18.97
MW-6	585.70	21.49	20.66	20.84	21.29	21.71	21.06	20.65	20.63	21.59	20.41	20.79	20.79	20.99	21.37	20.06	19.98	20.68	20.51	21.06	21.1	21.73	21.42	21.05	20.97	21.05	21.37	20.57	20.96	20.9
MW-7	586.40	21.33	20.54	21.08	21.44	21.83	20.93	20.8	21.01	21.18	20.24	20.88	20.94	21.22	21.28	20.11	20.42	20.55	20.31	21.12	21.46	21.87	21.34	21.09	21.15	20.9	21.22	20.75	21.23	21.15
OW-1	573.63		8.34	8.86	9.21	9.52	8.89	8.5	8.82	9.31	8.29	8.61	8.81	9.02	9.03	7.88	7.92	8.48	8.16	9.11	9.18	9.56	9.19	8.57	8.9	8.88	9.06	8.77	9.09	8.91
OW-2	584.14		15.22	15.29	15.41	15.47	15.36	15.1	15.16	15.15	15.09	14.89	14.82	15.07	15.21	14.52	14.65	14.83	14.51	14.64	14.92	15.25	15.85	15.19	9.21	15.32	14.85	14.7	14.79	15.01
OW-3	576.25		8.82	9.98	10.40	10.51	9.49	9.75	9.79	9.38	8.98	9.14	9.60	9.91	9.57	8.51	9.99	8.78	8.41	9.68	10.35	10.7	9.35	9.42	9.75	9.55	9.11	9.52	9.95	10.21
OW-4	572.21		6.25	6.82	7.21	7.38	6.57	6.52	6.66	6.69	6.23	6.57		6.98	6.90	5.96	6.39	6.39	6.24	6.84	7.36	8.08	6.99	6.76	6.9	6.55	6.69	6.6	6.97	7.11
OW-5	584.16		11.70	16.35	16.80	16.98	16.52	15.98	16.09	16.12	16.04	15.96	15.74	16.64	16.79															
OW-5	584.03															15.19	15.70	15.83	15.29	15.66	16.31	17.33	17.06	16.56	16.80	16.49	16.35	15.89	16.29	16.76
OW-6	572.12		4.32	5.59	6.16	6.35	4.99	5.27	5.46	5.11	4.74	4.96	5.37	5.52	5.54															
OW-6	572.17															4.33	5.63	4.71	4.37	5.42	6.26	6.47	5.15	5.14	5.57	4.97	5.02	5.02	5.77	6.07
OW-7	574.84		6.88	8.29	8.99	9.16	7.66	7.95	8.24	7.76	7.28	7.68	8.11	8.21	8.46	6.98	8.64	7.42	7.04	8.07	9.6	9.77	7.79	7.74	8.38	7.7	7.5	7.11	8.61	8.86
OW-8	571.31		5.11	5.81	6.41	6.61	5.41	5.61	5.71	5.86	5.28	5.49	5.71	5.80	5.79	5.09	5.81	5.41	5.32	5.94	6.77	7	5.6	5.56	6.04	5.4	5.5	5.44	6.31	6.15
OW-9	588.32		19.75	20.96	21.74	21.81	20.22	20.88	20.76	21.61	20.10	20.31	20.66	20.88	20.93	19.78	21.36	20.11	19.76	20.98	21.78	21.73	20.36	20.53	20.93	20.2	20.15	20.22	21.29	21.5
S-1	571.84		4.11	7.61	9.02	5.95	5.14	5.75	7.94	4.98	4.48	4.64	5.35	5.62	4.98	4.04	5.46	4.77	3.74	7.06	7.47	7.61	5.86	5.47	6.1	5.11	5.12	4.89	6.54	7.44
S-2	571.81		4.30	5.39	5.85	5.99	4.82	5.02	5.21	4.75	4.49	4.61	5.05	5.31	5.09	3.98	5.41	4.86	3.87	5.04	5.78	6.2	4.75	4.83	5.18	4.9	4.5	4.55	5.38	5.81
S-3	571.84		4.15	5.29	5.94	5.99	4.7	4.82	5.21	4.72	4.42	4.59	5.07	5.21	5.16	3.93	5.33	5.05	3.94	5	5.9	6.15	4.75	4.86	5.2	4.81	4.5	4.43	5.44	5.76
S-4	571.51			5.46	6.06	6.25	4.95	5.4	5.71	5.06	3.92	5.15	5.65	5.91	6.14	4.8	6.90	5.85	5.83	4.77	8.7	8.78	5.55	6.06	6.45	5.95	5.32	4.6	7.25	6.57
RW-1	581.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-2	581.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-3	582.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-4	581.83	17.24	16.45	16.45	16.85	17.18	16.77	16.28	16.49	17.51		16.57	16.45	16.66	17.05	15.76	15.65	16.37	16.2	16.6	16.77	17.37	17	16.7	16.55	16.73	17.01	16.37	16.57	16.55
RW-5	582.05	17.49	10.70	16.81	17.11	17.52	17.02	16.61	16.80			16.88	16.75	16.91	17.26	16.03		12.79	16.45	16.88	16.96	17.7	17.4	17.06	16.95	17	17.25	16.61	16.9	16.9
RW-6	570.76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-7	570.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-8	583.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-9	583.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-10	583.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-11	581.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SG	568.89		2.8	3.1	2.6	2.0	3.43	4.25	4.1	3.1	4.2	3.9	4.3																	
SG	567.75															2.45	2.05	3.20	3.10	3.40	3.01	4.04	3.60	3.07	3.19	3.40	3.96	2.79	3.13	3.27

** Staff Gauge, OW-5, and OW-6 were re-surveyed in June 2011.
DTW = depth to water
FEET = feet BTOC
BTOC = below top of casing

APPENDIX B-2
Historically Detected Compounds
(Monitoring and Recovery Wells, 1997-2014)

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

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample / Source: / SDG: / Matrix: / Sampled:	MW-1 162140 Columbia MW1 Water 8/12/1997	MW-1 G5092 OBG 5116 Water 11/20/1997	MW-1 H0915 OBG 6847 Water 2/19/1998	MW-1 H7392 OBG 7810 Water 5/27/1998	MW-1 J8338 OBG 9571 Water 10/21/1998	MW-1 M0188 OBG 1489 Water 4/19/1999	MW-1 N4875 OBG 3856 Water 11/9/1999	MW-1 Q3850 OBG 5490 Water 4/27/2000	MW-1 R7149 OBG 7645 Water 12/13/2000
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	4 J	5 J, B	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U		19	U	7 J	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	2 J	1 J, B	U	U	1 J
108-88-3	Toluene	5	µg/L	2 J	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	2 J	U	U	U	U	U	U	U	U
	Total VOCs			4	ND	ND	ND	6	25	ND	7	1
	SEMIVOLATILES											
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	2 J, B	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Total SVOCs			4	ND	ND	ND	ND	ND	ND	ND	ND
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	0.00055 J, P	U	0.0012 J	U	0.01 B, J, P	U	U	U
319-85-7	beta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U	U
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	U	U	U	0.0033 J, P	0.0009 J, P
60-57-1	Dieldrin	0.004	µg/L	U	U	U	U	U	U	U	U	U
959-98-8	Endosulfan I	NS	µg/L	U	U	U	0.00072 J, P	U	0.003 J, P	0.0034 B, J, P	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	U	0.0022 B, J, P	0.0013 J, P		U	U
72-20-8	Endrin	ND	µg/L	U	U	U	U	U	U	0.0032 J, P	U	U
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	U	U	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U	0.032 J	0.00053 J, P	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	0.01 J, P	0.0024 J, P	0.008 B, J, P		0.003 J	0.0015 J, P
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	0.0038 J	0.0019 J	U	U
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U	U	0.0042 B, J, P
	Total Pesticides			ND	0.00055	ND	0.01192	0.0046	0.0261	0.0405	0.00683	0.0066
	PCBs											
	None detected											
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L	273	1580	3080	1940	2730	830	4760	7170	4880 E
7440-36-0	Antimony	3	µg/L	U	U	U	U	1.7 B	**3.2 B**	U	U	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**
7440-39-3	Barium	1000	µg/L	733	353	447	340	353	353	472	516	624
7440-41-7	Beryllium	3 (G)	µg/L	0.46 B	0.1 B	0.17 B	U	0.14 B	0.38 B	0.24 B	0.35 B	0.53 B
7440-43-9	Cadmium	5	µg/L	1.8 B	0.48 B	U	U	U	0.62 B	U	U	U
7440-70-2	Calcium	NS	µg/L	188000	203000	213000	206000	214000	222000	247000	243000	270000
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
7440-48-4	Cobalt	NS	µg/L	U	U	U	U	U	U	2.8 B	3.5 B	3.4 B
7440-50-8	Copper	200	µg/L	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
7439-89-6	Iron	300	µg/L	**7410**	**10300**	**11800**	**11600**	**13100**	**9120**	**16600**	**19900**	**14500**
7439-92-1	Lead	25	µg/L	U	1.1 B	1.3 B	U	4.5	3.4	5	5.6	8.2
7439-95-4	Magnesium	35000 (G)	µg/L	**54600**	**47400**	**52600**	**49200**	**53500**	**52700**	**64300**	**62900**	**56100**
7439-96-5	Manganese	300	µg/L	58.2	136	188	157	201	155	297	**309**	**344**
7440-02-0	Nickel	100	µg/L	U	4.9 B	4.9 B	4.4 B	6.9 B	2.8 B	11.1 B, E	13.7 B	10.4 B
7440-09-7	Potassium	NS	µg/L	2280	1320 B	1790 B	1790 B	1390 B	1780 B	2680 B	3880 B	3320 B, E
7782-49-2	Selenium	10	µg/L	U	U	U	U	2.3 B	U	3.2 B	U	U
7440-22-4	Silver	50	µg/L	1.3 B	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20000	µg/L	**35500**	**33100**	**38800**	**34400**	**33400**	**39100**	**43600 E**	**43600**	**40900**
7440-28-0	Thallium	0.5 (G)	µg/L	**16**	**4.4 B**	U	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	U	3.5 B	5.9 B	4.1 B	5.5 B	2.4 B	9.2 B, E	13.2 B	8.9 B
7440-66-6	Zinc	2000 (G)	µg/L	57	29.5	19.3 B	25.3	55.7	13.6 B	46.4	49.4	34.6
57-12-5	Cyanide	200	µg/L	U	U	U	U	U	U	U	U	U
	Total Inorganics			288,968	297,269	321,773	305,495	318,793	326,102	379,841	381,421	390,789

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.

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Appendix B-2a - Monitoring Well MW-1 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample / Source: / SDG: / Matrix: / Sampled:	MW-1 S7281 OBG 9259 Water 6/19/2001	MW-1 T6808 OBG 724 Water 12/11/2001	MW-1 V4308 OB 2494 Water 6/17/2002	MW-1 Z7440 OB 4203 Water 12/17/2002	MW-1 A7549 OB 5716 Water 6/25/2003	MW-1 B4250 OB 6968 Water 12/15/2003	MW-1 E1139 OB 6968 Water 6/8/2004	MW-1 0508015-004A OB 200508 Water 8/2/2005	MW-1 0603100-003A LSL-BL 6030950 Water 3/22/2006
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	2 J	U	U	2 J, B	U	U	2 J, B	4 B, J	2 B, J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	8 J	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	1 J, B	1 J	0.8 J, B	U	U	0.7 J, B	0.6 B, J	U
108-88-3	Toluene	5	µg/L	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	U	U
	Total VOCs			2	1	1	2.8	8	ND	2.7	4.6	2
	SEMIVOLATILES											
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Total SVOCs			2	ND	ND	ND	ND	ND	ND	ND	ND
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L	U	U	0.0081 J, P	U	U	U	U		
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	U	U		
319-85-7	beta-BHC	0.04	µg/L	U	U	U	U	U	0.015 J, P	U		
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	U	U	U		
60-57-1	Dieldrin	0.004	µg/L	U	0.0011 J, P	U	U	U	U	U		
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	0.0038 J, P	U	U		
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	U	U	U	U		
72-20-8	Endrin	ND	µg/L	U	U	U	U	U	U	U		
7421-93-4	Endrin aldehyde	5	µg/L	U	0.0069 B, J, P	U	U	0.005 B, J	U	U		
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	0.0037 J, P	U	U		
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U	U		
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	U	0.015 J, P	U	0.0045 B, J, P		
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	U	U		
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U		
	Total Pesticides			ND	0.008	0.0081	ND	0.0275	0.015	0.0045	NA	NA
	PCBs											
	None detected											
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L	4760	7810	3660	11500	4090	3680	3230		
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	U	U		
7440-38-2	Arsenic	25	µg/L	**29.6**	**40.6**	**28.7**	**36.8**	**35.6**	**28.7**	**31.3**		
7440-39-3	Barium	1000	µg/L	537	821	419	**1170**	731	650	603		
7440-41-7	Beryllium	3 (G)	µg/L	0.2 B	0.41 B	0.16 B	0.63 B	0.1 B	0.1 B	U		
7440-43-9	Cadmium	5	µg/L	U	U	U	U	U	0.1	U		
7440-70-2	Calcium	NS	µg/L	232000	256000	273000	279000	217000	230000	207000		
7440-47-8	Chromium	50	µg/L	**60.7**	19	9.2 B, E	21	9.3 B	8.5 B	7.8 B		
7440-48-4	Cobalt	NS	µg/L	2.8 B	5.9 B	U	5.4 B	U	U	U		
7440-50-8	Copper	200	µg/L	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	**16500**	**22700**	**14000**	**30600**	**14700**	**14700**	**12000**		
7439-92-1	Lead	25	µg/L	4.8	8.5	5.8 N	10.6	2.7 B		2.6 B		
7439-95-4	Magnesium	35000 (G)	µg/L	**55900**	**66000**	**65900**	**71700**	**57000**	**56300**	**52400**		
7439-96-5	Manganese	300	µg/L	208	**387**	**406**	**563**	210	191	165		
7440-02-0	Nickel	100	µg/L	30.7 B	19 B	2.2 B	19 B	5.5 B	6.5 B	6 B		
7440-09-7	Potassium	NS	µg/L	3280 B	3820 B	3920 B	5210	3080 B	2990 B	2510 B		
7782-49-2	Selenium	10	µg/L	U	U	U	U	U	2.7 B	U		
7440-22-4	Silver	50	µg/L	U	U	U	U	U	U	U		
7440-23-5	Sodium	20000	µg/L	**40500**	**42100**	**40800 E**	**42100**	**40500**	**44000**	**41100**		
7440-28-0	Thallium	0.5 (G)	µg/L	U	U	U	U	U	U	U		
7440-62-2	Vanadium	NS	µg/L	9.1 B	15.9 B	8.4 B	23.1 B	8 B	6.2 B	5.9 B		
7440-66-6	Zinc	2000 (G)	µg/L	26.6	46.2	38.8	66.4	47.5	18 B	21.2		
57-12-5	Cyanide	200	µg/L	U	U	U	U	4.4 B	U	U		
	Total Inorganics			353,860	399,811	402,205	442,049	337,432	352,589	319,087	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwa

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

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detectior

B = Compound was found in the blank and sample.

Appendix B-2a - Monitoring Well MW-1 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-1 A7E98502 TA A07-E985 Water 12/26/2007	MW-1 A8E15002 TA A8-E150 Water 11/6/2008	MW-1 RSI0359-01 TA RSI0296 Water 9/10/2009	MW-1 RTF0798-01 TA RTF0798 Water 6/10/2010	MW-1 480-2185-1 TA 480-2185 Water 3/3/2011	MW-1 480-14453-1 TA 480-14453 Water 12/23/2011	MW-1 480-23574-7 TA 480-23574 Water 8/7/2012	MW-1 480-38363-1 TA 480-38363 Water 5/15/2013	MW-1 480-56775-1 TA 480-56775 Water 3/27/2014	MW-1 480-70616-6 TA 480-70616 Water 11/3/2014
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	U	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	U	U	U
	Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	U	U	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.80 J B**	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	0.45 J	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.79 J B**	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	0.62 J	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.84 J**	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	1.1 J B	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.32 J**	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.32 J	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	0.4 B, J	U	0.49 J	U	0.39 J	1.7 J, B	U	0.77 J B	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.85 J B	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.50 J**	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	0.44 J	U	U
	Total SVOCs			0.4	ND	0.49	ND	0.39	1.7	ND	7.48	ND	ND
	PESTICIDES												
309-00-2	Aldrin	ND	µg/L										
319-84-6	alpha-BHC	0.01	µg/L										
319-85-7	beta-BHC	0.04	µg/L										
50-29-3	4,4'-DDT	0.2	µg/L										
60-57-1	Dieldrin	0.004	µg/L										
959-98-8	Endosulfan I	NS	µg/L										
1031-07-8	Endosulfan sulfate	NS	µg/L										
72-20-8	Endrin	ND	µg/L										
7421-93-4	Endrin aldehyde	5	µg/L										
53494-70-5	Endrin ketone	5	µg/L										
58-89-9	gamma-BHC (Lindane)	0.05	µg/L										
5103-74-2	gamma-Chlordane	0.05	µg/L										
1024-57-3	Heptachlor epoxide	0.03	µg/L										
72-43-5	Methoxychlor	35	µg/L										
	Total Pesticides			NA		NA	NA	NA	NA	NA	NA	NA	NA
	PCBs												
	None detected												
	Total PCBs			ND		ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L										
7440-36-0	Antimony	3	µg/L										
7440-38-2	Arsenic	25	µg/L										
7440-39-3	Barium	1000	µg/L										
7440-41-7	Beryllium	3 (G)	µg/L										
7440-43-9	Cadmium	5	µg/L										
7440-70-2	Calcium	NS	µg/L										
7440-47-8	Chromium	50	µg/L										
7440-48-4	Cobalt	NS	µg/L										
7440-50-8	Copper	200	µg/L										
7439-89-6	Iron	300	µg/L										
7439-92-1	Lead	25	µg/L										
7439-95-4	Magnesium	35000 (G)	µg/L										
7439-96-5	Manganese	300	µg/L										
7440-02-0	Nickel	100	µg/L										
7440-09-7	Potassium	NS	µg/L										
7782-49-2	Selenium	10	µg/L										
7440-22-4	Silver	50	µg/L										
7440-23-5	Sodium	20000	µg/L										
7440-28-0	Thallium	0.5 (G)	µg/L										
7440-62-2	Vanadium	NS	µg/L										
7440-66-6	Zinc	2000 (G)	µg/L										
57-12-5	Cyanide	200	µg/L										
	Total Inorganics			NA		NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwa

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

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detectior

B = Compound was found in the blank and sample.

Appendix B-2b - Monitoring Well MW-2 Historically Detected Compunds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-2 162139 Columbia MW1 Water 8/12/1997	MW-2 G5114 OBG 5116 Water 11/20/1997	MW-2 H0916 OBG 6847 Water 2/19/1998	MW-2 H7394 OBG 7810 Water 5/28/1998	MW-2 J8340 OBG 9571 Water 10/21/1998	MW-2 M0190 OBG 1489 Water 4/20/1999	MW-2 N4874 OBG 3856 Water 11/8/1999	MW-2 Q3851 OBG 5490 Water 4/27/2000	MW-2 R7150 OBG 7645 Water 12/13/2000
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	4 J	U	U	3 J	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	2 J	U	4 J	U
67-66-3	Chloroform	7	µg/L	U	1 J	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	2 J	U	U	U	U
	Xylene (total)	5	ug/l	U	U	U	U	U	U	U	U	U
	Total VOCs			ND	1	ND	ND	6	2	ND	7	ND
	SEMIVOLATILES											
95-95-4	2,4,5-Trichlorophenol	1	µg/L	U	U	U	U	U	U	U	U	U
88-06-2	2,4,6-Trichlorophenol	NS	µg/L	U	U	U	U	U	U	U	U	U
121-14-2	2,4-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U	U
606-20-2	2,6-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U	U
89-63-4	2-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U	U
91-94-1	3,3'-Dichlorobenzidine	5	µg/L	U	U	U	U	U	U	U	U	U
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U	U
59-50-7	4-Chloro-3-methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U
7005-72-3	4-Chlorophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U	U
120-12-7	Anthracene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	1 J	1 J	U	U	U	U	2 J, P	U
85-68-7	Butyl benzyl phthalate	50	µg/L	2 J, B	U	U	U	U	U	U	U	U
86-74-8	Carbazole	NS	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	1 J	U	U	U	U	U	U	U	U
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	3 J, B	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Dibenz[a,h]anthracene	NS	µg/L	U	U	U	U	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
118-74-1	Hexachlorobenzene	0.04	µg/L	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
86-30-6	N-Nitrosodiphenylamine	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
108-95-2	Phenol	1	µg/L	**4 J, B**	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	**U**	U	U	U	U	U	U	U	U
	Total SVOCs			12	1	1	ND	ND	ND	ND	2	ND
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	0.0024 J	U	0.0089 B, J	U	U	U
72-55-9	4,4'-DDE	0.2	µg/L	U	U	U	U	U	U	U	U	0.00059 J, P
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	U	0.0007 J, P	U	U	0.0029 J, P
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	0.0012 J, P	U	U	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	0.003 J, P	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	25 J, P	U	U	0.00092 J, P	0.002 J, P	U	U
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	0.0042 J, P	0.0048	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	0.0051 J, P	0.037 J, P	0.0052 J, P	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	0.0025 J, P	0.0016	0.013 B, J, P	U	U	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	0.00047 J, P	U	0.0024 J, P	U	U	U
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U	U	0.0028 B, J, P
	Total Pesticides			ND	ND	25	0.01257	0.0064	0.03222	0.039	0.0052	0.00629
	PCBs											
	None Detected											
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L	329	37800	34600	19400	17900	12100	23100	35500	6220 E
7440-36-0	Antimony	3	µg/L	2.6 B, E	U	U	U	U	2.9 B	U	U	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
7440-39-3	Barium	1000	µg/L	76.9 B	457	432	275	260	180 B	291	440	130 B
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
7440-43-9	Cadmium	5	µg/L	0.89 B	1.5 B	0.5 B	U	1.1 B	0.86 B	0.56 B	0.93 B	U
7440-70-2	Calcium	NS	µg/L	202000	459000	452000	378000	344000	347000	345000	521000	352000
7440-47-8	Chromium	50	µg/L	U	**94.1**	**89.4**	**77.8**	**103**	**56.3**	**80.2 E**	**111**	19.6
7440-48-4	Cobalt	NS	µg/L	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
7440-50-8	Copper	200	µg/L	U	112	103	51.1	55.9	33.2	50.1	80.8	12.1 B
7439-89-6	Iron	300	µg/L	**6020**	**79000**	**67700**	**42000**	**38800**	**27200**	**42100**	**66400**	**12900**
7439-92-1	Lead	25	µg/L	U	**108**	**85.1**	**45.4**	**39.2**	**26.7**	**40.8**	**66.6**	13.2
7439-95-4	Magnesium	35000 (G)	µg/L	**66300**	**118000**	**118000**	**95400**	**109000**	**103000**	**115000**	**171000**	**74300**
7439-96-5	Manganese	300	µg/L	59.6	**1920**	**1810**	**1160**	**1000**	**949**	**941**	**1910**	**703**
7439-97-6	Mercury	0.7	µg/L	U	0.17 B	U	0.1 B	U	U	U	U	0.17 B
7440-02-0	Nickel	100	µg/L	U	77.5	73.1	51.2	61.2	35 B	53.2 E	76.4	13.3 B
7440-09-7	Potassium	NS	µg/L	2200 B	7800	7460	5660	4200 B	4330 B	7560	11200	35.3 B, E
7782-49-2	Selenium	10	µg/L	U	6.2	U	U	2 B	U	U	U	U
7440-23-5	Sodium	20000	µg/L	16500	19700	**20100**	15900	18700	19100	**21400 E**	**23400**	15700
7440-28-0	Thallium	.5 (G)	µg/L	**27**	**7.6 B**	**6.6 B**	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	U	71.6	60.6	39.8 B	33.7 B	23.1 B	40.3 B, E	67.8	10.5 B
7440-66-6	Zinc	2000 (G)	µg/L	55.7	376	321	187	184	110	195	293	40.5
57-12-5	Cyanide	200	µg/L	U	U	U	U	U	U	U	U	U
	Total Inorganics			293,610.77	724,614.17	702,911.80	558,294.84	534,388.88	514,184.47	555,902.96	831,614.23	462,126.33

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.

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Appendix B-2b - Monitoring Well MW-2 Historically Detected Compunds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-2 S7278 OBG 9259 Water 6/19/2001	MW-2 T6914 OBG 739 Water 12/12/2001	MW-2 V4313 OB 2494 Water 6/18/2002	MW-2 Z7444 OB 4203 Water 12/17/2002	MW-2 A7550 OB 5716 Water 6/25/2003	MW-2 B4506 OB 6968 Water 12/18/2003	MW-2 E1069 OB 6968 Water 6/7/2004	MW-2 0508023-001A OB 200508 Water 8/3/2005	MW-2 0603108-003A LSL-BL 6030950 Water 3/23/2006
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	4 J	U	U	2 J, B	U	U	3 J, B	4 B, J	3 B, J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	5 J	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	1 J	U
75-09-2	Methylene chloride	5	µg/L	U	1 J, B	U	0.9 J, B	U	U	0.8 J, B	0.9 B, J	1 B, J
	Xylene (total)	5	ug/l	U	U	U	U	U	U	U	U	U
	Total VOCs			4	1	ND	2.9	5	ND	3.8	5.9	4
	SEMIVOLATILES											
95-95-4	2,4,5-Trichlorophenol	1	µg/L	U	U	U	U	U	U	U	U	U
88-06-2	2,4,6-Trichlorophenol	NS	µg/L	U	U	U	U	U	U	U	U	U
121-14-2	2,4-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U	U
606-20-2	2,6-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	U	U
89-63-4	2-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	U	U
91-94-1	3,3'-Dichlorobenzidine	5	µg/L	U	U	U	U	U	U	U	U	U
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U	U
59-50-7	4-Chloro-3-methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U
7005-72-3	4-Chlorophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U	U
120-12-7	Anthracene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	1 J	3 J, B	U	U	U	U	**21**	2 J	U
85-68-7	Butyl benzyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U
86-74-8	Carbazole	NS	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Dibenz[a,h]anthracene	NS	µg/L	U	U	U	U	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
118-74-1	Hexachlorobenzene	0.04	µg/L	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
86-30-6	N-Nitrosodiphenylamine	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
108-95-2	Phenol	1	µg/L	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Total SVOCs			1	3	ND	ND	ND	ND	21	2	ND
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L	U	U	0.0018 J, P	U	U	U	U		
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	U	U		
72-55-9	4,4'-DDE	0.2	µg/L	U	U	U	U	U	U	U		
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	U	U	U		
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	U	U		
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	U	U	U	U		
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	U	U	U	U		
7421-93-4	Endrin aldehyde	5	µg/L	U	0.0069 B, J	U	U	0.0046 B, J, P	U	U		
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U	U		
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	U	0.0073 J	U	0.0049 B, J, P		
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	U	U		
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U		
	Total Pesticides			ND	0.0069	0.0018	ND	0.0119	ND	0.0049	NA	NA
	PCBs											
	None Detected											
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L	16300	40100	27800	26800	29800	36400	51300		
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	U	U		
7440-38-2	Arsenic	25	µg/L	**40.9**	**57.4**	**48.9**	**50.9**	**50.8**	**57.1**	**63.9**		
7440-39-3	Barium	1000	µg/L	247	492	375	411	501	567	827		
7440-41-7	Beryllium	3 (G)	µg/L	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	U	1.1 B	U	U	U	U	U		
7440-70-2	Calcium	NS	µg/L	341000	514000	473000	454000	479000	524000	676000		
7440-47-8	Chromium	50	µg/L	**79**	**102**	**68.6 E**	**62.2**	**83.3**	**79.8**	**114**		
7440-48-4	Cobalt	NS	µg/L	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	40.8	96.1	62.6	60.7	72.2	85.5	122		
7439-89-6	Iron	300	µg/L	**40500**	**83100**	**55600**	**54000**	**59400**	**69500**	**97500**		
7439-92-1	Lead	25	µg/L	**30.3**	**71.2**	**47.3 N**	**46.1**	**52.8**	**60.6**	**88.9**		
7439-95-4	Magnesium	35000 (G)	µg/L	**97000**	**153000**	**113000**	**125000**	**143000**	**143000**	207000		
7439-96-5	Manganese	300	µg/L	**777**	**2060**	**1520**	**1510**	**1570**	**1940**	**2770**		
7439-97-6	Mercury	0.7	µg/L	U	U	U	0.06 B	U	U	0.12 B		
7440-02-0	Nickel	100	µg/L	53.7	90	53.4	47.9	61.6	70.5	98.1		
7440-09-7	Potassium	NS	µg/L	5870	11300	9800	9290	10200	10700	13600		
7782-49-2	Selenium	10	µg/L	U	2.8 B	U	U	U	4 B	4 B		
7440-23-5	Sodium	20000	µg/L	15300	17700	16000 E	17300	17100	17400	19100		
7440-28-0	Thallium	.5 (G)	µg/L	U	**5.3 B**	U	U	U	U	U		
7440-62-2	Vanadium	NS	µg/L	31.8 B	81.5	52.2	52.4	59.8	67.6	99.3		
7440-66-6	Zinc	2000 (G)	µg/L	113	277	235	181	235	248	385		
57-12-5	Cyanide	200	µg/L	U	U	U	U	6.1 B	U	U		
	Total Inorganics			517,395.85	822,570.90	697,681.40	688,829.16	741,212.50	804,204.70	1,069,104.82	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater C

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

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Lim

B = Compound was found in the blank and sample.

Appendix B-2b - Monitoring Well MW-2 Historically Detected Compunds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-2 A7E98503 TA A07-E985 Water 12/26/2007	MW-2 A8E15003 TA A8-E150 Water 11/6/2008	MW-2 RSI0312-07 TA RSI0296 Water 9/9/2009	MW-2 RTF0798-02 TA RTF0798 Water 6/10/2010	MW-2 480-2185-2 TA 480-2185 Water 3/3/2011	MW-2 480-14453-2 TA 480-14453 Water 12/23/2011	MW-2 480-23574-8 TA 480-23574 Water 8/7/2012	MW-2 480-38363-2 TA 480-38363 Water 5/15/2013	MW-2 480-56775-2 TA 480-56775 Water 3/27/2014	MW-2 480-70616-5 TA 480-70616 Water 11/3/2014
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	U	U	U	U	U	U
	Xylene (total)	5	ug/l	U	U	U	U	U	U	U	U	U	U
	Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SEMIVOLATILES												
95-95-4	2,4,5-Trichlorophenol	1	µg/L	U	U	U	U	U	U	U	0.90 J	U	U
88-06-2	2,4,6-Trichlorophenol	NS	µg/L	U	U	U	U	U	U	U	0.68 J	U	U
121-14-2	2,4-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	1.1 J	U	U
606-20-2	2,6-Dinitrotoluene	5	µg/L	U	U	U	U	U	U	U	0.74 J	U	U
89-63-4	2-Nitroaniline	5	µg/L	U	U	U	U	U	U	U	0.70 J	U	U
91-94-1	3,3'-Dichlorobenzidine	5	µg/L	U	U	U	U	U	U	U	1.0 J	U	U
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	0.97 J	U	U
59-50-7	4-Chloro-3-methylphenol	1	µg/L	U	U	U	U	U	U	U	0.82 J	U	U
7005-72-3	4-Chlorophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	0.71 J	U	U
120-12-7	Anthracene	50 (G)	µg/L	U	U	U	U	U	U	U	0.65 J	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	1.0 J	**3.1 J B**	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	0.68 J	0.83 J	1.9 J	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	**0.84 J**	**1.1 J**	**3.2 J B**	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	0.39 J	0.50 J	2.1 J	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**3.1 J**	U	U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	**14**	U	U	U	U	U	U	3.5 J	U	U
85-68-7	Butyl benzyl phthalate	50	µg/L	U	U	U	U	U	U	U	3.9 J B	U	U
86-74-8	Carbazole	NS	µg/L	U	U	U	U	U	U	U	1.5 J	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	**0.74 J**	**0.86 J**	**1.4 J**	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	1.3 J	U	U
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.76 J	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	0.3 B, J	U	U	U	0.38 J	1.4 J, B	U	2.2 J B	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	3.1 J B	U	U
	Dibenz[a,h]anthracene	NS	µg/L	U	U	U	U	U	U	U	1.1 J	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	1.7 J	1.5 J	U	U
118-74-1	Hexachlorobenzene	0.04	µg/L	U	U	U	U	U	U	U	**0.95 J**	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	**0.59 J**	**1.8 J**	U	U
86-30-6	N-Nitrosodiphenylamine	50 (G)	µg/L	U	U	U	U	U	U	U	1.2 J	U	U
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	1.1 J	1.0 J	U	U
108-95-2	Phenol	1	µg/L	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	1.2 J	1.4 J	1.7 J	U	U
	Total SVOCs			14.3	ND	ND	ND	0.38	5.25	9.08	48.58	ND	ND
	PESTICIDES												
309-00-2	Aldrin	ND	µg/L										
319-84-6	alpha-BHC	0.01	µg/L										
72-55-9	4,4'-DDE	0.2	µg/L										
50-29-3	4,4'-DDT	0.2	µg/L										
959-98-8	Endosulfan I	NS	µg/L										
33213-65-9	Endosulfan II	NS	µg/L										
1031-07-8	Endosulfan sulfate	NS	µg/L										
7421-93-4	Endrin aldehyde	5	µg/L										
58-89-9	gamma-BHC (Lindane)	0.05	µg/L										
5103-74-2	gamma-Chlordane	0.05	µg/L										
1024-57-3	Heptachlor epoxide	0.03	µg/L										
72-43-5	Methoxychlor	35	µg/L										
	Total Pesticides			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PCBs												
	None Detected												
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L										
7440-36-0	Antimony	3	µg/L										
7440-38-2	Arsenic	25	µg/L										
7440-39-3	Barium	1000	µg/L										
7440-41-7	Beryllium	3 (G)	µg/L										
7440-43-9	Cadmium	5	µg/L										
7440-70-2	Calcium	NS	µg/L										
7440-47-8	Chromium	50	µg/L										
7440-48-4	Cobalt	NS	µg/L										
7440-50-8	Copper	200	µg/L										
7439-89-6	Iron	300	µg/L										
7439-92-1	Lead	25	µg/L										
7439-95-4	Magnesium	35000 (G)	µg/L										
7439-96-5	Manganese	300	µg/L										
7439-97-6	Mercury	0.7	µg/L										
7440-02-0	Nickel	100	µg/L										
7440-09-7	Potassium	NS	µg/L										
7782-49-2	Selenium	10	µg/L										
7440-23-5	Sodium	20000	µg/L										
7440-28-0	Thallium	.5 (G)	µg/L										
7440-62-2	Vanadium	NS	µg/L										
7440-66-6	Zinc	2000 (G)	µg/L										
57-12-5	Cyanide	200	µg/L										
	Total Inorganics			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater C
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Lim
B = Compound was found in the blank and sample.

Apprendix B-2c - Monitoring Well MW-3 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-3 162134 Columbia MW1 Water 8/12/1997	MW-3 G5115 OBG 5116 Water 11/20/1997	MW-3 H0917 OBG 6847 Water 2/19/1998	MW-3 H7395 OBG 7810 Water 5/28/1998	MW-3 J8484 OBG 9595 Water 10/22/1998	MW-3 M0191 OBG 1489 Water 4/20/1999	MW-3 N5015 OBG 3880 Water 11/10/1999	MW-3 Q3846 OBG 5490 Water 4/26/2000
CAS NO.	COMPOUND		UNITS:								
	VOLATILES										
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	4 J	6 J, J	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	5 J	6	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	2 J	2 J, B	U	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	U
	Total VOCs			ND	ND	ND	ND	6	13	6	ND
	SEMIVOLATILES										
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	1 J, B	U	U	U	U	U	U	U
50-32-8	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50	µg/L	1 J, B	U	U	U	U	U	U	U
	2-Chloronaphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U
	Dibenzofuran	NS	µg/L	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	2 J, B	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U
	2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U
	Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	U	U
	Total SVOCs			4	ND	ND	ND	ND	ND	ND	ND
	PESTICIDES										
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	0.0024 J	U	0.00093 B, J, P	U	U
72-55-9	4,4'-DDE	0.2	µg/L	U	U	U	U	U	U	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	0.002 J, P	U	U	0.0024 J, P	U	U
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	0.0013 J, P	U	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	0.0029 J, P	0.0048 J, P	0.011 B, J, P	0.0015 J, P	0.0018 J, P	U
72-20-8	Endrin	ND	µg/L	U	U	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	U	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U	0.012 J, P	0.002 J, P
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	0.00073 J, P	0.001 J, P	0.014 B, J, P	U	0.0027 J, P
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	0.00067 J, P	U	0.0052 J, P	U	U
	Total Pesticides			ND	ND	0.0049	0.0086	0.012	0.02533	0.0138	0.0047
	PCBs										
	None Detected										
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS										
7429-90-5	Aluminum	NS	µg/L	197 B	3510	2060	1510	789	665	512	712
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	2.1 B	U	U
7440-38-2	Arsenic	25	µg/L	24.2	7.9 B	U	9 B	6.2 B	2.6 B	2.6 B	3.9 B
7440-39-3	Barium	1000	µg/L	188 B	254	245	187 B	157 B	153 B	164 B	152 B
7440-41-7	Beryllium	3 (G)	µg/L	1.8 B	0.29 B	0.24 B	U	0.15 B	0.15 B	0.24 B	0.37 B
7440-43-9	Cadmium	5	µg/L	**5.9**	0.32 B	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	257000	235000	216000	188000	172000	149000	151000	141000
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
7440-48-4	Cobalt	NS	µg/L	2.4 B	3.1 B	U	U	U	U	U	U
7440-50-8	Copper	200	µg/L	U	12.5 B	8.3 B	5.9 B	5 B	2.1 B	2 B	2.3 B
7439-89-6	Iron	300	µg/L	**30300**	**32900**	**25400**	**21300**	**20800**	**15900**	**16100**	**16100**
7439-92-1	Lead	25	µg/L	U	6.7	2.5 B	U	2.1 B	U	U	1.3 B
7439-95-4	Magnesium	35000 (G)	µg/L	**70600**	**57600**	**54400**	**45500**	**43500**	34700	**38400**	**35600**
7439-96-5	Manganese	300	µg/L	**831**	**1000**	**934**	**835**	**734**	**654**	**631**	**562**
7440-02-0	Nickel	100	µg/L	U	18.4 B	11.2 B	8.7 B	5.8 B	6.4 B	9.3 B, E	9.6 B
7440-09-7	Potassium	NS	µg/L	13600	17400	17500	15800	13100	9730	10200	9780
7782-49-2	Selenium	10	µg/L	U	4.1 B	U	U	U	U	U	U
7440-22-4	Silver	50	µg/L	1.7 B	0.67 B	U	U	U	U	U	U
7440-23-5	Sodium	20000	µg/L	**129000**	**118000**	**117000**	**104000**	**104000**	**83100**	**89200 E**	**81700**
7440-28-0	Thallium	.5 (G)	µg/L	U	**4.5 B**	**7.3 B**	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	U	9.6 B	6 B	6 B	4.2 B	4.2 B	3.7 B, E	4.4 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
57-12-5	Cyanide	200	µg/L	U	U	U	U	U	U	U	U
	Total Inorganics			501,814	465,822	433,632	377,200	355,151	293,938	306,265	285,656

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.

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Apprendix B-2c - Monitoring Well MW-3 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-3 R7156 OBG 7645 Water 12/14/2000	MW-3 S7325 OBG 9270 Water 6/20/2001	MW-3 T6809 OBG 724 Water 12/11/2001	MW-3 V4310 OB 2494 Water 6/18/2002	MW-3 Z7443 OB 4203 Water 12/17/2002	MW-3 A7551 OB 5716 Water 6/25/2003	MW-3 B4288 OB 6968 Water 12/16/2003	MW-3 E1141 OB 6968 Water 6/8/2004	MW-3 050823-002A OB 200508 Water 8/3/2005	MW-3 0603100-002A LSL-BL 6030950 Water 3/22/2006
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	U	5 J	U	U	4 J, B	U	U	2 J, B	4 B, J	3 B, J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	3 J	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U	2 J	U
75-09-2	Methylene chloride	5	µg/L	U	U	2 J, B	1 J	1 J, B	U	2 J, B	0.8 J, B	1 B, J	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	1 J	U	U
	Total VOCs			ND	5	2	1	5	3	2	3.8	7	3
	SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	U	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U
	2-Chloronaphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
	Dibenzofuran	NS	µg/L	U	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
	2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
	Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
	Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PESTICIDES												
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	U	U	U		
72-55-9	4,4'-DDE	0.2	µg/L	U	0.0055 B, J, P	U	U	U	U	U	U		
60-57-1	Dieldrin	0.004	µg/L	U	U	U	U	U	U	U	U		
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	0.0045 J, P	U	U		
33213-65-9	Endosulfan II	NS	µg/L	0.00082 J, P	U	U	U	U	U	U	U		
1031-07-8	Endosulfan sulfate	NS	µg/L	0.0035 J, P	U	U	U	U	0.0062 J, P	U	0.0021 J, P		
72-20-8	Endrin	ND	µg/L	U	0.017 B, J, P	U	U	U	0.026 J, P	U	U		
7421-93-4	Endrin aldehyde	5	µg/L	U	U	0.012 B, J, P	U	U	U	U	U		
53494-70-5	Endrin ketone	5	µg/L	0.0024 J, P	U	U	U	U	U	U	U		
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U	U	U		
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	U	U	0.0054 J, P	U	0.0027 B, J, P		
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	0.014 J, P	U	U		
	Total Pesticides			0.00672	0.0225	0.012	ND	ND	0.0561	ND	0.0048	NA	NA
	PCBs												
	None Detected												
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L	816 E	458	1390	604	763	558	265	800		
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	U	U	U		
7440-38-2	Arsenic	25	µg/L	3.9 B	2.1 B	4.5 B	2.7 B	4.2 B	3.1 B	U	U		
7440-39-3	Barium	1000	µg/L	150 B	151 B	142 B	155 B	237	229	234	213		
7440-41-7	Beryllium	3 (G)	µg/L	0.39 B	U	0.21 B	0.13 B	0.15 B	0.1 B	U	U		
7440-43-9	Cadmium	5	µg/L	U	U	U	U	U	U	U	U		
7440-70-2	Calcium	NS	µg/L	139000	127000	116000	101000	105000	111000	111000	112000		
7440-47-8	Chromium	50	µg/L	10.5	11.2	26.8	6.4 B, E	14.2	14	6 B	10.5		
7440-48-4	Cobalt	NS	µg/L	U	U	2.2 B	U	U	U	U	U		
7440-50-8	Copper	200	µg/L	2.2 B	0.92 B	3.9 B	U	2.7 B	6 B	U	U		
7439-89-6	Iron	300	µg/L	**14600**	**15000**	**16700**	**13600**	**15700**	**15300**	**13300**	**13400**		
7439-92-1	Lead	25	µg/L	2.9 B	U	3.2	U	U	U	U	1.5 B		
7439-95-4	Magnesium	35000 (G)	µg/L	34500	32900	31200	27800	30400	30200	30100	29900		
7439-96-5	Manganese	300	µg/L	**581**	**512**	**520**	**444**	**485**	**495**	**479**	**454**		
7440-02-0	Nickel	100	µg/L	5.8 B	6 B	14.2 B	U	5.9 B	5.6 B	3.4 B	5.4 B		
7440-09-7	Potassium	NS	µg/L	9790 E	10500	7790	7350	7980	9720	10300	11600		
7782-49-2	Selenium	10	µg/L	U	U	U	2 B	U	U	2.9 B	U		
7440-22-4	Silver	50	µg/L	U	U	U	U	U	U	U	U		
7440-23-5	Sodium	20000	µg/L	**69500**	**66500**	**62800**	**58900 E**	**57000**	**54600**	**57000**	**58200**		
7440-28-0	Thallium	.5 (G)	µg/L	U	U	U	U	U	U	U	U		
7440-62-2	Vanadium	NS	µg/L	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	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	U	U	12.5	U	U	4.9 B	U	U		
	Total Inorganics			268,986	253,053	236,644	209,914	217,615	222,164	222,697	226,603	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwat

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

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection

B = Compound was found in the blank and sample.

Apprendix B-2c - Monitoring Well MW-3 Historically Detected Compounds

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-3 A7E98504 TA A07-E985 Water 12/26/2007	MW-3 A8E30601 TA A08-E150 Water 11/10/2008	MW-3 RSI0359-04 TA RSI0296 Water 9/10/2009	MW-3 RTF0860-01 TA RTF0798 Water 6/11/2010	MW-3 480-2227-5 TA 480-2185 Water 3/4/2011	MW-3 480-14453-3 TA 480-14453 Water 12/23/2011	MW-3 480-23574-9 TA 480-23574 Water 8/7/2012	MW-3 480-38363-3 TA 480-38363 Water 5/15/2013	MW-3 480-56775-3 TA 480-56775 Water 3/27/2014	MW-3 480-70616-7 TA 480-70616 Water 11/3/2014
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	U	U	U
	Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	U	U	U	U	3.4 J, B	U	U	U	U	U
50-32-8	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.48 J B**	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.45 J B**	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	0.35 J	U	U
85-68-7	Butyl benzyl phthalate	50	µg/L	U	U	U	U	2.4 J	U	U	0.61 J B	U	U
	2-Chloronaphthalene	10 (G)	µg/L	U	0.3 J	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	1 J B	U	U	U	U	U	0.23 J	U	U
	Dibenzofuran	NS	µg/L	U	0.3 J	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	0.3 B, J	0.7 B, J	0.39 J	0.44 J	0.78 J, B	1.1 J, B	U	0.49 J B	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.56 J B	U	U
	2-Methylnaphthalene	NS	µg/L	U	0.2 J B	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	0.3 B, J	U	U	U	U	U	U	U	U
	Phenanthrene	50 (G)	µg/L	U	0.2 J B	U	U	U	U	U	U	U	U
	Total SVOCs			0.3	3.0	0.39	0.44	6.58	1.1	ND	3.17	ND	ND
	PESTICIDES												
319-84-6	alpha-BHC	0.01	µg/L										
72-55-9	4,4'-DDE	0.2	µg/L										
60-57-1	Dieldrin	0.004	µg/L										
959-98-8	Endosulfan I	NS	µg/L										
33213-65-9	Endosulfan II	NS	µg/L										
1031-07-8	Endosulfan sulfate	NS	µg/L										
72-20-8	Endrin	ND	µg/L										
7421-93-4	Endrin aldehyde	5	µg/L										
53494-70-5	Endrin ketone	5	µg/L										
58-89-9	gamma-BHC (Lindane)	0.05	µg/L										
5103-74-2	gamma-Chlordane	0.05	µg/L										
1024-57-3	Heptachlor epoxide	0.03	µg/L										
	Total Pesticides			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PCBs												
	None Detected												
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L										
7440-36-0	Antimony	3	µg/L										
7440-38-2	Arsenic	25	µg/L										
7440-39-3	Barium	1000	µg/L										
7440-41-7	Beryllium	3 (G)	µg/L										
7440-43-9	Cadmium	5	µg/L										
7440-70-2	Calcium	NS	µg/L										
7440-47-8	Chromium	50	µg/L										
7440-48-4	Cobalt	NS	µg/L										
7440-50-8	Copper	200	µg/L										
7439-89-6	Iron	300	µg/L										
7439-92-1	Lead	25	µg/L										
7439-95-4	Magnesium	35000 (G)	µg/L										
7439-96-5	Manganese	300	µg/L										
7440-02-0	Nickel	100	µg/L										
7440-09-7	Potassium	NS	µg/L										
7782-49-2	Selenium	10	µg/L										
7440-22-4	Silver	50	µg/L										
7440-23-5	Sodium	20000	µg/L										
7440-28-0	Thallium	.5 (G)	µg/L										
7440-62-2	Vanadium	NS	µg/L										
7440-66-6	Zinc	2000 (G)	µg/L										
57-12-5	Cyanide	200	µg/L										
	Total Inorganics			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwat
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance valu
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection
B = Compound was found in the blank and sample.

Appendix B-2d - Monitoring Well MW-4 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample / Source: / SDG: / Matrix: / Sampled:	MW-4 162135 Columbia MW1 Water 8/12/1997	MW-4 G5191 OBG 5116 Water 11/20/1997	MW-4 H1021 OBG 6857 Water 2/20/1998	MW-4 H7396 OBG 7810 Water 5/28/1998	MW-4 J8485 OBG 9595 Water 10/22/1998	MW-4 M0194 OBG 1489 Water 4/20/1999	MW-4 N5016 OBG 3880 Water 11/10/1999	MW-4 Q3852 OBG 5490 Water 4/27/2000	MW-4 R7320 OBG 7645 Water 12/15/2000
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	U	2 J	3 J	2 J	4 J	9 J	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	11	45	1 J	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	2 J	U	U	U	U
	Total VOCs			ND	2	3	2	6	20	45	1	ND
	SEMIVOLATILES											
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	1 J	U	U	U	U	2 J	U	1
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	1 J, B	U	U	U	U	U	U	U	U
	2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	U	U	U
106-44-5	4-Methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Phenathrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Total SVOCs			3	1	ND	ND	ND	ND	2	ND	1
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	U	U	0.0018 J, P
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	0.0089 B, J, P	U	U	0.0013 J, P
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	U	0.00093 J, P	U	U	U
72-55-9	4,4'-DDE	0.3	µg/L	U	U	U	U	U	0.0007 J, P	0.0012 J, P	U	0.0026 J, P
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U	0.00074 B, J, P
60-57-1	Dieldrin	0.004	µg/L	U	U	U	U	U	U	U	0.002 J, P	0.0015 J, P
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	0.0043 J, P	0.0014 B, J, P	U	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	U	0.0008 J, P	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	U	0.0017 B, J, P	0.0042 J, P	0.0032 J, P	U	0.0011 J, P
72-20-8	Endrin	ND	µg/L	U	U	U	0.00073 J, P	U	0.0028	U	U	0.00085 J, P
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	U	0.0028 J, P	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	0.0014 J, P	U	U	U	0.003 J, P
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U		0.004 J, P	U	0.0039 J, P	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	0.002 J, P	0.0017 J, P	0.0056 B, J, P	U	U	U
76-44-8	Heptachlor	0.04	µg/L	U	U	U	U	U	U	U	U	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	0.00034 J, P	U	U	U
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	0.0033 J, P	U	U	U
	Total Pesticides			ND	ND	ND	0.00273	0.0084	0.03507	0.0058	0.0059	0.01289
	PCBs											
	Aroclor 1248			U	U	U	U	U	U	U	U	U
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L	89.7 B	1460	1300	553	515	451	787	670	1090
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	U	U	U	U
7440-38-2	Arsenic	25	µg/L	17.9	U	U	9.6 B	6.6 B	8.3 B	2.5 B	4.5 B	U
7440-39-3	Barium	1000	µg/L	308	47.6 B	53.3 B	214	176 B	175 B	61.3 B	58.2 B	51.9 B
7440-41-7	Beryllium	3 (G)	µg/L	1.1 B	0.11 B	0.09 B	U	U	U	0.05 B	U	0.31 B
7440-43-9	Cadmium	5	µg/L	**5.1**	3.3 B	0.39 B	U	U	0.88 B	0.35 B	0.59 B	0.73 B
7440-70-2	Calcium	NS	µg/L	140000	59000	63600	141000	132000	137000	70000	104000	83700
7440-47-8	Chromium	50	µg/L	U	7.6 B	5.2 B	2 B	7.1 B	8.9 B	7.2 B, E	9.4 B	6.8 B
7440-48-4	Cobalt	NS	µg/L	U	1.6 B	U	U	U	U	U	1.7 B	U
7440-50-8	Copper	200	µg/L	U	7.2 B	3.7 B	1.7 B	2.6 B	1.8 B	3.2 B	3 B	4.4 B
7439-89-6	Iron	300	µg/L	**19300**	**3710**	**1860**	**19400**	**20100**	**19400**	**2000**	**1250**	**1960**
7439-92-1	Lead	25	µg/L	U	5.9	U	U	2.5 B	U	1.4 B	U	3
7439-95-4	Magnesium	35000 (G)	µg/L	**42700**	16800	17800	**38900**	**36700**	**37500**	19800	29900	24200
7439-96-5	Manganese	300	µg/L	200	110	94.4	224	213	225	71.1	**827**	104
7439-97-6	Mercury	0.7	µg/L	U	U	U	U	U	U	U	U	U
7440-02-0	Nickel	100	µg/L	U	6.7 B	4.2 B	1.8 B	1.4 B	2.7 B	4.8 E	5.6 B	4 B
7440-09-7	Potassium	NS	µg/L	1830 B	1100 B	2130 B	1120 B	883 B	1180 B	2500 B	1990 B	2720 B, E
7782-49-2	Selenium	10	µg/L	U	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20000	µg/L	**70700**	3490 B	5100	**64100**	**70500**	**75000**	9540 E	5100	4750 B
7440-28-0	Thallium	.5 (G)	µg/L	U	U	**4.1 B**	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	U	3.5 B	3.6 B	2.7 B	1.8 B	2.6 B	1.8 B, E	2 B	2.9 B
7440-66-6	Zinc	2000 (G)	µg/L	87.5	51	27.6	25.1	24.2	13.2 B	22.4	21	16.8 B
57-12-5	Cyanide	200	µg/L	U	U	U	U	U	U	U	U	U
	Total Inorganics			275,239.30	85,804.51	91,986.58	265,553.90	261,133.20	270,969.38	104,803.10	143,842.99	118,614.84

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.
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
B = Compound was found in the blank and sample.

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

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-4 S7324 OBG 9270 Water 6/20/2001	MW-4 T7107 OBG 764 Water 12/13/2001	MW-4 V4311 OB 2494 Water 6/18/2002	MW-4 Z7814 OB 4203 Water 12/18/2002	MW-4 A7432 OB 5716 Water 6/24/2003	MW-4 B4292 OB 6968 Water 12/16/2003	MW-4 E1136 OB 6968 Water 6/8/2004	MW-4 0508042-001A OB 200508 Water 8/5/2005	MW-4 0603100-003A LSL-BL 6030950 Water 3/22/2006	MW-4 A7E98505 TA A07-E985 Water 12/26/2007
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	5 J	U	U	4 J, B	U	U	5 J, B	6 J, B	3 J, B	6
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	6 J	U	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	1 J	U	U
75-09-2	Methylene chloride	5	µg/L	U	0.6 J, B	1 J	1 J, B	U	1 J, B	1 J, B	1 J, B	1 J, B	U
	Total VOCs			5	0.6	1	5	6	1	6	8	4	6
	SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	U	1	U	1	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U
	2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	U	U	U	U
106-44-5	4-Methylphenol	1	µg/L	**2**	U	U	U	U	U	U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U	U	U	**2**	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
	Phenathrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
	Total SVOCs			2	1	ND	1	ND	ND	2	ND	ND	ND
	PESTICIDES												
309-00-2	Aldrin	ND	µg/L	U	U	0.024 J, P	U	U	U	U			
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	0.0057 J, P	U	U			
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	U	U	U			
72-55-9	4,4'-DDE	0.3	µg/L	0.005 B, J, P	U	U	U	U	U	U			
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	U	U	U			
60-57-1	Dieldrin	0.004	µg/L	U	**0.0074**	U	U	U	U	U			
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	U	U			
33213-65-9	Endosulfan II	NS	µg/L	U	0.0011 J, P	U	U	U	U	U			
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	U	U	U	U			
72-20-8	Endrin	ND	µg/L	0.038 B, J, P	U	U	U	U	U	U			
7421-93-4	Endrin aldehyde	5	µg/L	U	0.015 B, J, P	U	U	U	U	U			
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	0.0033 J, P	U	U			
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	0.0076 J, P	U			
5103-74-2	gamma-Chlordane	0.05	µg/L	U	0.0043 J, P	U	U	0.01 J	U	0.0034 B, J			
76-44-8	Heptachlor	0.04	µg/L	U	0.0049 J	U	U	U	U	U			
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	0.0032 J, P	0.0023 J, P	U	U	U	U			
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U			
	Total Pesticides			0.043	0.0359	0.0263	ND	0.019	0.0076	0.0034	NA	NA	NA
	PCBs												
	Aroclor 1248			U	U	U	U	U	U	U	U	U	U
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L	1090	2980	1140	324	803	4790	6050			
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	U	2.4 B			
7440-38-2	Arsenic	25	µg/L	8 B	**26.6**	18	13.8	14.8	6.6 B	23.7			
7440-39-3	Barium	1000	µg/L	79.6 B	118 B	137 B	163 B	96.4 B	80.2 B	200 B			
7440-41-7	Beryllium	3 (G)	µg/L	U	0.26 B	U	U	U	0.2 B	0.33 B			
7440-43-9	Cadmium	5	µg/L	1.8 B	2.3 B	0.58 B	0.43 B	U	2.6 B	**8.1**			
7440-70-2	Calcium	NS	µg/L	101000	114000	104000	119000	112000	89000	119000			
7440-47-8	Chromium	50	µg/L	10.5	17.7	7.3 B, E	6 B	5.1 B	12.3	26.9			
7440-48-4	Cobalt	NS	µg/L	2.6 B	4 B	U	U	U	U	9.1 B			
7440-50-8	Copper	200	µg/L	2.9 B	5.6 B	1.6 B	U	2.3 B	6.3 B	7.8 B			
7439-89-6	Iron	300	µg/L	**7080**	**17600**	**14500**	**12400**	**5820**	**6900**	**17900**			
7439-92-1	Lead	25	µg/L	3 B	8.7	2.4 B, N	U	1.3 B	6.4	12.7			
7439-95-4	Magnesium	35000 (G)	µg/L	28300	31400	28000	34500	31900	27000	32900			
7439-96-5	Manganese	300	µg/L	1840	1530	1610	569	1040	1810	**7210**			
7439-97-6	Mercury	0.7	µg/L	U	U	U	U	U	U	0.05 B			
7440-02-0	Nickel	100	µg/L	8.1 B	10.1 B	U	U	3.4 B	8.7 B	19.2 B			
7440-09-7	Potassium	NS	µg/L	2870 B	5110	4430 B	2250 B	4290 B	3240 B	4840 B			
7782-49-2	Selenium	10	µg/L	U	U	U	U	3.3 B	2.9 B	U			
7440-23-5	Sodium	20000	µg/L	**42400**	**115000**	**145000 E**	**50700**	**65200**	3450 B	**103000**			
7440-28-0	Thallium	.5 (G)	µg/L	U	U	U	U	U	U	**12.3**			
7440-62-2	Vanadium	NS	µg/L	6.5 B	12.7 B	6.4 B	2.8 B	6.7 B	8.4 B	16.1 B			
7440-66-6	Zinc	2000 (G)	µg/L	20.1	36.1	30.6	11.7 B	23.8	49	130			
57-12-5	Cyanide	200	µg/L	U	U	16.3	U	U	U	U			
	Total Inorganics			184,723.10	287,862.06	298,900.18	219,940.73	221,210.10	136,373.60	291,368.68	NA	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundw
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance val
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detectio
B = Compound was found in the blank and sample.

Appendix B-2d - Monitoring Well MW-4 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-4 A8E30602 TA A08-E150 Water 11/10/2008	MW-4 RSI0359-02 TA RSI0296 Water 9/10/2009	MW-4 RTF0798-03 TA RTF0798 Water 6/10/2010	MW-4 480-2185-3 TA 480-2185 Water 3/3/2011	MW-4 Not Sampled Water 12/23/2011	MW-4 480-23574-1 TA 480-23574 Water 8/7/2012	MW-4 480-38363-4 TA 480-38363 Water 5/15/2013	MW-4 480-56775-4 TA 480-56775 Water 3/27/2014	MW-4 480-70616-8 TA 480-70616 Water 11/3/2014
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U		U	U	4.4 J	3.1 J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U		U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U		U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U		U	U	U	U
	Total VOCs			ND	ND	ND	ND	NA	ND	ND	4.4	3.1
	SEMIVOLATILES											
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	U	U	U	U		U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U		U	**0.90 J B**	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U		U	0.55 J	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U		U	**0.89 J B**	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U		U	0.70 J	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U		U	**0.93 J**	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U		U	1.2 J B	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U		U	**0.40 J**	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	1 J B	U	U	U		U	0.32 J B	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U		U	0.84 J B	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	0.6 J, B	0.79 J	U	0.31 J		U	1.1 J B	U	U
	2-Methylnaphthalene	NS	µg/L	0.6 B J	U	U	U		U	U	U	U
106-44-5	4-Methylphenol	1	µg/L	U	U	U	U		U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U		U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U		U	**0.61 J**	U	U
91-20-3	Naphthalene	10 (G)	µg/L	4 J B	U	U	U		U	U	U	U
	Phenathrene	50 (G)	µg/L	0.4 J B	U	U	U		U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U		U	0.48 J	U	U
	Total SVOCs			6.6	0.79	ND	0.31	NA	ND	8.92	ND	ND
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L									
319-84-6	alpha-BHC	0.01	µg/L									
5103-71-9	alpha-Chlordane	0.05	µg/L									
72-55-9	4,4'-DDE	0.3	µg/L									
319-86-8	delta-BHC	0.04	µg/L									
60-57-1	Dieldrin	0.004	µg/L									
959-98-8	Endosulfan I	NS	µg/L									
33213-65-9	Endosulfan II	NS	µg/L									
1031-07-8	Endosulfan sulfate	NS	µg/L									
72-20-8	Endrin	ND	µg/L									
7421-93-4	Endrin aldehyde	5	µg/L									
53494-70-5	Endrin ketone	5	µg/L									
58-89-9	gamma-BHC (Lindane)	0.05	µg/L									
5103-74-2	gamma-Chlordane	0.05	µg/L									
76-44-8	Heptachlor	0.04	µg/L									
1024-57-3	Heptachlor epoxide	0.03	µg/L									
72-43-5	Methoxychlor	35	µg/L									
	Total Pesticides			NA	NA	NA	NA	NA	NA	NA	NA	NA
	PCBs											
	Aroclor 1248			U	**0.51**	U	U		U	U	U	U
	Total PCBs			ND	0.51	ND	ND	NA	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L									
7440-36-0	Antimony	3	µg/L									
7440-38-2	Arsenic	25	µg/L									
7440-39-3	Barium	1000	µg/L									
7440-41-7	Beryllium	3 (G)	µg/L									
7440-43-9	Cadmium	5	µg/L									
7440-70-2	Calcium	NS	µg/L									
7440-47-8	Chromium	50	µg/L									
7440-48-4	Cobalt	NS	µg/L									
7440-50-8	Copper	200	µg/L									
7439-89-6	Iron	300	µg/L									
7439-92-1	Lead	25	µg/L									
7439-95-4	Magnesium	35000 (G)	µg/L									
7439-96-5	Manganese	300	µg/L									
7439-97-6	Mercury	0.7	µg/L									
7440-02-0	Nickel	100	µg/L									
7440-09-7	Potassium	NS	µg/L									
7782-49-2	Selenium	10	µg/L									
7440-23-5	Sodium	20000	µg/L									
7440-28-0	Thallium	.5 (G)	µg/L									
7440-62-2	Vanadium	NS	µg/L									
7440-66-6	Zinc	2000 (G)	µg/L									
57-12-5	Cyanide	200	µg/L									
	Total Inorganics			NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundw
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance val
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detectio
B = Compound was found in the blank and sample.

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

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample / Source: / SDG: / Matrix: / Sampled:	MW-5 162136 Columbia MW1 Water 8/12/1997	MW-5 G5119 OBG 5116 Water 11/20/1997	MW-5 H1022 OBG 6857 Water 2/20/1998	MW-5 H7532 OBG 7830 Water 5/29/1998	MW-5 J8487 OBG 9595 Water 10/22/1998	MW-5 M0195 OBG 1489 Water 4/20/1999	MW-5 N5017 OBG 3880 Water 11/10/1999	MW-5 Q4026 OBG 5512 Water 4/28/2000
CAS NO.	COMPOUND		UNITS:								
	VOLATILES										
67-64-1	Acetone	50 (G)	µg/L	U	U	5 J	10	19	7 J	U	U
71-43-2	Benzene	1	µg/L	**3 J**	**25**	**92**	**97**	**110**	**110**	U	**47**
78-93-3	2-Butanone	50	µg/L	U	U	2 J	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	6 J	U	3 J
75-00-3	Chloroethane	5	µg/L	U	U	U	U	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U
74-87-3	Chloromethane	5	µg/L	U	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	U	U	5 J	**8 J**	**10 J**	**10 J**	**7**	3 J
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	1 J	U	U	U
100-42-5	Styrene	5	µg/L	U	U	2 J	1 J	1 J	2 J	U	U
108-88-3	Toluene	5	µg/L	U	4 J	**28**	**35**	**28**	**15**	U	3 J
1330-20-7	Xylene (total)	5	µg/L	U	2 J	**29**	**42**	**40**	**40**	**25**	**9 J**
	Total VOCs			3	31	163	193	209	190	32	65
	SEMIVOLATILES										
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	U	**7 J**	**25**	**30**	**23**	**18**	**3 J**	**8 J**
95-48-7	2-Methylphenol	1	µg/L	U	**2 J**	**6 J**	**6 J**	**4 J**	**3 J**	U	**2 J**
106-44-5	4-Methylphenol	1	µg/L	U	**4 J**	**9 J**	U	1 J	6 J	U	**2 J**
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1 J, B	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	4 J, B	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	1 J	4 J	8 J	4 J	9 J	10 J	3 J	10 J
108-95-2	Phenol	1	µg/L	**3 J, B**	**3 J**	**6 J**	**2 J**	1 J	**4 J**	U	**3 J**
	Total SVOCs			11	20	54	42	38	41	6	25
	PESTICIDES										
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	0.0016 J, P	U	0.0016 J, P
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	0.0069 B, J, P	U	U
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	U	U	U	U
319-85-7	beta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	U	0.0033 J, P
72-55-9	4,4'-DDE	0.2	µg/L	U	U	U	U	0.0011 J, P	0.0014 J, P	U	U
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	U	U	0.0015 J, P	U
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	0.0015 J, P	U	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	**0.0095 J, P**	0.003 J, P	U	0.0036 J, P	**0.0071 J, P**	0.0021 J, P
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	0.0025 J, P	0.013 B, J, P	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	0.0026 J	0.0011 B, J, P	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	0.0067 J, P	0.0037 B, J, P	0.004 J, P	0.0044 J, P	U
72-20-8	Endrin	ND	µg/L	U	U	U	0.0078 J, P	U	0.0055 J, P	0.0029 J, P	U
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	0.0037 J, P	0.0041 J, P	U	0.0085 J	0.016 J, P	0.036 J, P
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	U	0.0047 J, P	0.0018 B, J, P	U	0.0031 J, P
76-44-8	Heptachlor	0.04	µg/L	U	U	U	0.0047 J, P	0.0031 J, P	0.00072 J, P	0.0024 J, P	0.00069 J, P
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	0.003 J, P	U	0.0015 J, P	0.0017 J, P	0.0058 J	0.0023 B, J, P
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	0.0061 J	U	U
	Total Pesticides			ND	ND	0.0188	0.0274	0.0156	0.04432	0.0531	0.04909
	PCBs										
	None Detected										
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS										
7429-90-5	Aluminum	NS	µg/L	114 B	2630	1100	503	634	499	1140	298
7440-36-0	Antimony	3	µg/L	U	U	U	U	2.9 B	2.5 B	U	U
7440-38-2	Arsenic	25	µg/L	15.6	11.4	11.4	10.5	10.1	8.6 B	7.9 B	9
7440-39-3	Barium	1000	µg/L	171 B	324	156 B	114 B	109 B	139 B	167 B	204
7440-41-7	Beryllium	3 (G)	µg/L	1.8 B	0.17 B	0.2 B	U	0.17 B	0.19 B	0.19 B	0.18 B
7440-43-9	Cadmium	5	µg/L	**6.6**	U	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	196000	153000	51600	38500	36100	44900	59300	133000
7440-47-8	Chromium	50	µg/L	U	23	8.9 B	8 B	9.8 B	25.4	20.7 E	13.9
7440-48-4	Cobalt	NS	µg/L	3 B	U	U	U	U	U	U	U
7440-50-8	Copper	200	µg/L	U	13.1 B	13.4 B	17.5 B	14.1 B	12.9 B	15.8 B	9.1 B
7439-89-6	Iron	300	µg/L	**32800**	**24200**	**12800**	**10200**	**12200**	**13400**	**16800**	**24100**
7439-92-1	Lead	25	µg/L	U	7.7	6.7	6.3	6.6	4.6	7.8	2.3 B
7439-95-4	Magnesium	35000 (G)	µg/L	**51800**	**41700**	14600	10100	9220	11200	15700	34700
7439-96-5	Manganese	300	µg/L	226	259	189	160	197	213	249	203
7439-97-6	Mercury	0.7	µg/L	U	U	U	U	U	U	U	0.12 B
7440-02-0	Nickel	100	µg/L	U	12.8 B	4.9 B	4.6 B	4.3 B	12.4 B	9.7 B, E	4.5 B
7440-09-7	Potassium	NS	µg/L	4220 B	8010	25100	28600	29300	41700	34700	17400
7782-49-2	Selenium	10	µg/L	U	U	U	U	U	U	U	U
7440-22-4	Silver	50	µg/L	U	0.92 B	U	U	U	U	U	U
7440-23-5	Sodium	20000	µg/L	**49800**	**47700**	**98000**	**108000**	**97600**	**102000**	**101000 E**	**76800**
7440-28-0	Thallium	.5 (G)	µg/L	**13.5**	**3.9 B**	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	U	8.5 B	9.9 B	9.6 B	8.6 B	8.9 B	9.9 B, E	4.8 B
7440-66-6	Zinc	2000 (G)	µg/L	64.1	37.7	24.2	34.9	55.8	18.8 B	28.4	10 B
57-12-5	Cyanide	200	µg/L	4.7 B	19.5	41.6	12.5	30	36	33.5	U
	Total Inorganics			335,236	277,962	203,666	196,281	185,502	214,181	229,190	286,759

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.

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

DO3 = Dilution required due to foaming

* = LCS or LCSD exceeds control limits

Appendix B-2e - Monitoring Well MW-5 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-5 R7321 OBG 7645 Water 12/15/2000	MW-5 S7323 OBG 9270 Water 6/20/2001	MW-5 T7108 OBG 764 Water 12/13/2001	MW-5 V4312 OB 2494 Water 6/18/2002	MW-5 Z7815 OB 4203 Water 12/18/2002	MW-5 A7431 OB 5716 Water 6/24/2003	MW-5 B4468 OB 6968 Water 12/18/2003	MW-5 E1138 OB 6968 Water 6/8/2004	MW-5 0508042-002A OB 200508 Water 8/5/2005	MW-5 0603100-004A LSL-BL 6030950 Water 3/22/2006
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	7 J	6	U	U	4	3	U	3	4	3
71-43-2	Benzene	1	µg/L	**84**	**57**	**63**	**86**	**52**	**38**	10	**22**	**47**	**33**
78-93-3	2-Butanone	50	µg/L	U	U	U	U	1	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	2	U	U	U	U
75-00-3	Chloroethane	5	µg/L	U	2	U	U	U	U	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U	3	U
74-87-3	Chloromethane	5	µg/L	U	2	U	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	**8 J**	**6**	4	**7**	4	2	U	0.6	3	1
75-09-2	Methylene chloride	5	µg/L	U	U	0.7	U	0.5	U	U	0.7	2	1
100-42-5	Styrene	5	µg/L	1 J	U	0.8	U	1	0.5	U	U	U	U
108-88-3	Toluene	5	µg/L	**8 J**	**6**	4	**7**	5	4	U	0.9	**7**	2
1330-20-7	Xylene (total)	5	µg/L	**27**	**18**	**19**	**31**	**17**	**7**	U	2	**9**	4
	Total VOCs			135	97	91.5	131	84.5	56.5	10	29.2	75	44
	SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	U	U	2 J, B	U	U	U	U	U	1 J	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**20**	**9 J**	**9 J**	**16**	**13**	**7 J**	U	**2 J**	**5 J**	**2 J**
95-48-7	2-Methylphenol	1	µg/L	**2 J**	U	U	**2 J**	**2 J**	1 J	U	U	1 J	U
106-44-5	4-Methylphenol	1	µg/L	**4 J**	**3 J**	U	**4 J**	**4 J**	**2 J**	U	U	1 J	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	8 J	1 J	1 J	U	**13**	5 J	U	U	U	1 J
108-95-2	Phenol	1	µg/L	**2 J**	**2 J**	**3 J**	U	**4 J**	U	U	1 J	U	**2 J**
	Total SVOCs			36	15	15	22	36	15	ND	3	8	5
	PESTICIDES												
309-00-2	Aldrin	ND	µg/L	0.0031 J, P	U	U	0.044 J, P	U	U	U	U		
319-84-6	alpha-BHC	0.01	µg/L	0.0012 J, P	U	U	U	U	U	U	U		
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	0.0011 J, P	U	U	U	U	U		
319-85-7	beta-BHC	0.04	µg/L	U	U	U	0.0079 J, P	U	U	U	U		
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	U	U		
72-55-9	4,4'-DDE	0.2	µg/L	U	U	U	U	U	U	U	U		
50-29-3	4,4'-DDT	0.2	µg/L	U	U	0.0037 J, P	U	U	U	U	U		
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U		
60-57-1	Dieldrin	0.004	µg/L	0.0011 J, P	U	**0.012 B, J**	U	U	U	U	U		
959-98-8	Endosulfan I	NS	µg/L	0.0024 J, P	U	U	U	U	0.0066 J, P	U	U		
33213-65-9	Endosulfan II	NS	µg/L	0.0021 J, P	U	0.00076 J, P	U	U	U	U	U		
1031-07-8	Endosulfan sulfate	NS	µg/L	0.0021 J, P	U	U	U	U	U	U	U		
72-20-8	Endrin	ND	µg/L	0.0056 J, P	U	U	U	U	U	U	U		
7421-93-4	Endrin aldehyde	5	µg/L	0.0017 J, P	U	0.0088 B, J, P	U	U	0.015 B, J, P	U	U		
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U	U	U		
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	0.018 J, P	0.0075 J, P	U	0.0092 J	U	0.0048 B, J		
76-44-8	Heptachlor	0.04	µg/L	U	U	0.0054 J, P	U	U	U	U	U		
1024-57-3	Heptachlor epoxide	0.03	µg/L	0.0017 J, P	U	0.002 J, P	0.0074 J	U	U	U	U		
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U	U		
	Total Pesticides			0.021	ND	0.0518	0.0668	ND	0.0308	ND	0.0048	NA	NA
	PCBs												
	None Detected												
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L	697 E	346	801	573	272	181 B	116 B	139 B		
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	U	U	U		
7440-38-2	Arsenic	25	µg/L	9.8 B	7.5 B	11.5	11.5	10.7	9.4 B	7 B	7.4 B		
7440-39-3	Barium	1000	µg/L	148	172 B	193 B	158 B	187 B	169 B	166 B	165 B		
7440-41-7	Beryllium	3 (G)	µg/L	0.46	U	0.24 B	0.21 B	0.14 B	U	U	U		
7440-43-9	Cadmium	5	µg/L	U	U	0.4 B	U	U	U	U	U		
7440-70-2	Calcium	NS	µg/L	53000	68700	62400	50300	94500	143000	170000	156000		
7440-47-8	Chromium	50	µg/L	14.1	15.6	19	15.4 E	5.8 B	3.7 B	2.6 B	7.1 B		
7440-48-4	Cobalt	NS	µg/L	U	U	1.8 B	U	U	U	U	U		
7440-50-8	Copper	200	µg/L	15.4	10 B	16.8 B	17.2 B	11.3 B	6.7 B	U	2.7 B		
7439-89-6	Iron	300	µg/L	**10200**	**12200**	**14900**	**14100**	**19100**	**25700**	**29600**	**27400**		
7439-92-1	Lead	25	µg/L	8.3	4.2	8.2	7.7 N	3.8	2.8 B	U	2.1 B		
7439-95-4	Magnesium	35000 (G)	µg/L	14300	19700	19500	13800	25300	**35100**	**41000**	**37200**		
7439-96-5	Manganese	300	µg/L	162	178	231	212	188	198	202	213		
7439-97-6	Mercury	0.7	µg/L	U	U	U	U	U	U	U	U		
7440-02-0	Nickel	100	µg/L	5.5	6.7 B	8.6 B	4 B	U	U	U	1.7 B		
7440-09-7	Potassium	NS	µg/L	27800 E	22600	32700	34000	23100	12700	6010	10300		
7782-49-2	Selenium	10	µg/L	U	U	2.2 B	1.6 B	U	U	3.2 B	3.1 B		
7440-22-4	Silver	50	µg/L	U	U	U	U	U	U	U	U		
7440-23-5	Sodium	20000	µg/L	**93400**	**85800**	**94700**	**95500 E**	**80500**	**70200**	**60500**	**66200**		
7440-28-0	Thallium	.5 (G)	µg/L	U	U	U	U	U	U	U	U		
7440-62-2	Vanadium	NS	µg/L	8.5 B	6.3 B	9.3 B	8.6 B	7.9 B	3.7 B	1.5 B	2.7 B		
7440-66-6	Zinc	2000 (G)	µg/L	13.3 B	10.3 B	12.4 B	48.9	8.5 B	18.3 B	U	21.2		
57-12-5	Cyanide	200	µg/L	36.8	23	38.7	U	19.6	11	U	U		
	Total Inorganics			199,819	209,780	225,554	208,758	243,215	287,304	307,608	297,665	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Grou

Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidanc

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Det

B = Compound was found in the blank and sample.

DO3 = Dilution required due to foaming

* = LCS or LCSD exceeds control limits

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

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-5 A7E98506 BM A07-E985 Water 12/26/2007	MW-5 A8E30603 TA A08-E150 Water 11/10/2008	MW-5 RSI0359-02 TA RSI0296 Water 9/10/2009	MW-5 RTF0798-04 TA RTF0798 Water 6/10/2010	MW-5 480-2185-4 TA 480-2185 Water 3/3/2011	MW-5 480-14453-4 TA 480-14453 Water 12/23/2011	MW-5 480-23574-2 TA 480-23574 Water 8/7/2012	MW-5 480-38363-5 TA 480-38363 Water 5/15/2013	MW-5 480-56775-5 TA 480-56775 Water 3/27/2014	MW-5 480-70616-9 TA 480-70616 Water 11/3/2014
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	49	U	U	U	U	4.1 J	U	U	9.0 J	U
71-43-2	Benzene	1	µg/L	U	**60**	**76**	**80 DO3**	**48**	**56**	**97**	**130**	**1.4**	**4.8 J**
78-93-3	2-Butanone	50	µg/L	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
75-00-3	Chloroethane	5	µg/L	U	U	U	U	U	U	U	U	U	U
67-66-3	Chloroform	7	µg/L	U	U	U	U	U	U	U	U	U	U
74-87-3	Chloromethane	5	µg/L	U	U	U	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	U	3 J	4.4 J	U	2.3	1.2	**7.6**	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	U	U	U	U	U	U
100-42-5	Styrene	5	µg/L	U	U	U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	U	5	**5.6**	3.7 DO3, J	1.4	2.3	**11**	**7.4 J**	U	U
1330-20-7	Xylene (total)	5	µg/L	**8**	**10 J**	**16**	**12 DO3**	**7.9**	**6.2**	**29**	**27**	U	U
	Total VOCs			57	78	102	95.7	59.6	69.8	144.6	164.4	10.4	4.8
	SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	U	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	U	**4 J**	**6.0**	**2.9 J**	0.84 J	**2.5 J**	**8.0**	**5.8 ***	U	U
95-48-7	2-Methylphenol	1	µg/L	0.7 J	0.7 J	**1.4 J**	U	U	0.49 J	**2.3 J**	**1.2 J**	U	U
106-44-5	4-Methylphenol	1	µg/L	0.9 J	1 J	**1.6 J**	U	U	0.54 J	**2.1 J**	**1.3 J**	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.57 J B**	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.60 J B**	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	0.35 J	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.86 J B	U	1.9 J B
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	1 J B	U	U	U	U	U	0.36 J	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	0.3 J B	1 J B	0.72 J	0.58 J	U	1.3 J, B	U	0.67 J B	0.31 J B	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.64 J B	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	**11 B**	**23**	**17**	7.9	U	**39**	**26 B**	U	U
108-95-2	Phenol	1	µg/L	U	0.8 J	U	U	U	U	U	**1.3 J**	U	U
	Total SVOCs			1.9	19.5	32.72	20.48	8.74	4.83	51.4	39.65	0.31	1.9
	PESTICIDES												
309-00-2	Aldrin	ND	µg/L										
319-84-6	alpha-BHC	0.01	µg/L										
5103-71-9	alpha-Chlordane	0.05	µg/L										
319-85-7	beta-BHC	0.04	µg/L										
72-54-8	4,4'-DDD	0.3	µg/L										
72-55-9	4,4'-DDE	0.2	µg/L										
50-29-3	4,4'-DDT	0.2	µg/L										
319-86-8	delta-BHC	0.04	µg/L										
60-57-1	Dieldrin	0.004	µg/L										
959-98-8	Endosulfan I	NS	µg/L										
33213-65-9	Endosulfan II	NS	µg/L										
1031-07-8	Endosulfan sulfate	NS	µg/L										
72-20-8	Endrin	ND	µg/L										
7421-93-4	Endrin aldehyde	5	µg/L										
58-89-9	gamma-BHC (Lindane)	0.05	µg/L										
5103-74-2	gamma-Chlordane	0.05	µg/L										
76-44-8	Heptachlor	0.04	µg/L										
1024-57-3	Heptachlor epoxide	0.03	µg/L										
72-43-5	Methoxychlor	35	µg/L										
	Total Pesticides			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PCBs												
	None Detected												
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L										
7440-36-0	Antimony	3	µg/L										
7440-38-2	Arsenic	25	µg/L										
7440-39-3	Barium	1000	µg/L										
7440-41-7	Beryllium	3 (G)	µg/L										
7440-43-9	Cadmium	5	µg/L										
7440-70-2	Calcium	NS	µg/L										
7440-47-8	Chromium	50	µg/L										
7440-48-4	Cobalt	NS	µg/L										
7440-50-8	Copper	200	µg/L										
7439-89-6	Iron	300	µg/L										
7439-92-1	Lead	25	µg/L										
7439-95-4	Magnesium	35000 (G)	µg/L										
7439-96-5	Manganese	300	µg/L										
7439-97-6	Mercury	0.7	µg/L										
7440-02-0	Nickel	100	µg/L										
7440-09-7	Potassium	NS	µg/L										
7782-49-2	Selenium	10	µg/L										
7440-22-4	Silver	50	µg/L										
7440-23-5	Sodium	20000	µg/L										
7440-28-0	Thallium	.5 (G)	µg/L										
7440-62-2	Vanadium	NS	µg/L										
7440-66-6	Zinc	2000 (G)	µg/L										
57-12-5	Cyanide	200	µg/L										
	Total Inorganics			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Grou

Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidanc

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Det

B = Compound was found in the blank and sample.

DO3 = Dilution required due to foaming

* = LCS or LCSD exceeds control limits

Appendix B-2f - Monitoring Well MW-6 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		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-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
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	ug/L	U	U	U	U	7 J, B	U	U	U	3 J
75-15-0	Carbon disulfide	60 (G)	ug/L	U	U	U	U	U	4 J	6 J	7 J	U
75-09-2	Methylene chloride	5	ug/L	U	U	U	U	U	1 J, B	U	U	U
	Total VOCs			ND	ND	ND	ND	7	5	6	7	3
	SEMIVOLATILES											
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	U	U	U	U	U	U	U	1 J	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	ug/L	1 J, B	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Total SVOCs			1	ND	ND	ND	ND	ND	ND	1	ND
	PESTICIDES											
309-00-2	Aldrin	ND	ug/L	U	U	U	U	U	U	U	0.012 J	0.0017 J, P
319-84-6	alpha-BHC	0.01	ug/L	U	U	U	0.00061 B, J, P	U	U	U	U	U
72-55-9	4,4'-DDE	0.2	ug/L	U	U	U	U	0.00066 J, P	U	U	U	U
50-29-3	4,4'-DDT	0.2	ug/L	U	U	U	U	U	U	U	U	U
60-57-1	Dieldrin	0.004	ug/L	U	U	U	U	0.0021 J	U	U	0.0032 J, P	U
959-98-8	Endosulfan I	NS	ug/L	U	U	U	U	U	0.0014 J, P	U	U	U
1031-07-8	Endosulfan sulfate	NS	ug/L	U	U	U	U	0.0023 J, P	U	U	U	U
72-20-8	Endrin	ND	ug/L	U	U	U	U	U	U	U	U	0.00069 J, P
7421-93-4	Endrin aldehyde	5	ug/L	U	U	U	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	ug/L	U	U	0.0032 J, P	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	ug/L	U	U	U	0.0027 B, J, P	0.0021 J, P	0.0083 J, P	U	0.0035 J, P	U
76-44-8	Heptachlor	0.04	ug/L	U	U	U	U	U	U	U	0.0017 J, P	U
1024-57-3	Heptachlor epoxide	0.03	ug/L	U	U	U	0.00052 B, J, P	U	0.0027 J, P	U	0.00066 B, J, P	0.00057 J, P
	Total Pesticides			ND	ND	0.0032	0.00383	0.00716	0.0124	ND	0.02106	0.00296
	PCBs											
	None Detected											
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	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 B, E
7440-36-0	Antimony	3	ug/L	U	2.7 B	U	U	1.9 B	U	U	U	U
7440-38-2	Arsenic	25	ug/L	8 B	U	U	U	U	U	U	U	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
7440-41-7	Beryllium	3 (G)	ug/L	0.95 B	U	0.07 B	U	U	U	0.07 B	U	0.29 B
7440-43-9	Cadmium	5	ug/L	3 B	U	U	U	0.53 B	U	U	U	U
7440-70-2	Calcium	NS	ug/L	123000	168000	165000	166000	161000	159000	167000	252000	247000
7440-47-8	Chromium	50	ug/L	U	2.9 B	2.8 B	U	4.9 B	3 B	3.9 B, E	7.6 B	6.8 B
7440-50-8	Copper	200	ug/L	U	0.97 B	1.1 B	U	1.3 B	U	0.83 B	U	U
7439-89-6	Iron	300	ug/L	**14600**	**20700**	**22400**	**21600**	**18100**	**17500**	**19600**	**33100**	**46900**
7439-92-1	Lead	25	ug/L	U	U	U	U	U	U	U	U	2.9 B
7439-95-4	Magnesium	35000 (G)	ug/L	24900	25600	25700	24400	19500	16400	17800	**36000**	**49200**
7439-96-5	Manganese	300	ug/L	**1010**	**1420**	**1590**	**1610**	**1150**	**1220**	**1470**	**2100**	**3310**
7440-02-0	Nickel	100	ug/L	U	0.71 B	U	U	U	U	1.3 B, E	U	U
7440-09-7	Potassium	NS	ug/L	12300	22900	23100	25600	36900	54100	57900	56600	32800 E
7782-49-2	Selenium	10	ug/L	U	U	U	U	U	U	U	U	U
7440-22-4	Silver	50	ug/L	1.5 B	0.64 B	0.75 B	U	U	U	U	U	U
7440-23-5	Sodium	20000	ug/L	**28700**	**35900**	**36300**	**33600**	**32800**	**36500**	**43500 E**	**58300**	**62400**
7440-28-0	Thallium	.5 (G)	ug/L	U	**6 B**	**6.2 B**	U	U	U	U	U	U
7440-62-2	Vanadium	NS	ug/L	U	1.1 B	1.3 B	1.4 B	U	1.4 B	1.4 B, E	0.66 B, J, P	1 B
7440-66-6	Zinc	2000 (G)	ug/L	48.8	4.8 B	11.7 B	1.9 B	7.4 B	7.5 B	41.6	3.3	2.2 B
57-12-5	Cyanide	200	ug/L	5.5	20.7	U	U	U	U	U	23	11.7
	Total Inorganics			204,722	274,769	274,332	272,975	269,653	284,922	307,730	438,356	441,888

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.

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Appendix B-2f - Monitoring Well MW-6 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample / Source: / SDG: / Matrix: / Sampled:	MW-6 S7280 OBG 9259 Water 6/19/2001	MW-6 T6911 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
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	ug/L	5 J	U	U	4 J, B	U	U	2 J, B	3 J, B	2 J, B
75-15-0	Carbon disulfide	60 (G)	ug/L	U	U	U	U	1 J	U	U	U	U
75-09-2	Methylene chloride	5	ug/L	U	1 J, B	U	1 J, B	U	U	0.6 J, B	0.7 J, B	0.8 J, B
	Total VOCs			5	1	ND	5	1	ND	2.6	3.7	2.8
	SEMIVOLATILES											
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	3 J	1 J, B	U	U	U	U	4 J	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	ug/L	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Total SVOCs			3	1	ND	ND	ND	ND	4	ND	ND
	PESTICIDES											
309-00-2	Aldrin	ND	ug/L	U	U	0.012 J, P	U	U	U	U		
319-84-6	alpha-BHC	0.01	ug/L	U	U	U	U	U	U	U		
72-55-9	4,4'-DDE	0.2	ug/L	0.0027 B, J	U	U	U	U	U	U		
50-29-3	4,4'-DDT	0.2	ug/L	0.0033 J, P	U	U	U	U	U	U		
60-57-1	Dieldrin	0.004	ug/L	U	U	U	U	U	U	U		
959-98-8	Endosulfan I	NS	ug/L	U	U	U	U	U	U	U		
1031-07-8	Endosulfan sulfate	NS	ug/L	U	U	U	U	U	U	0.0071 J, P		
72-20-8	Endrin	ND	ug/L	U	U	U	U	U	U	U		
7421-93-4	Endrin aldehyde	5	ug/L	U	0.01 B, J, P	U	U	0.0056 B, J	U	U		
58-89-9	gamma-BHC (Lindane)	0.05	ug/L	U	U	U	U	U	U	U		
5103-74-2	gamma-Chlordane	0.05	ug/L	U	U	U	U	U	U	0.0036 B, J, P		
76-44-8	Heptachlor	0.04	ug/L	U	U	U	U	U	U	U		
1024-57-3	Heptachlor epoxide	0.03	ug/L	U	U	U	U	U	U	U		
	Total Pesticides			0.006	0.01	0.012	ND	0.0056	ND	0.0107	NA	NA
	PCBs											
	None Detected											
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	ug/L	263	160 B	357	74.6 B	30.6 B	74 B	111 B		
7440-36-0	Antimony	3	ug/L	U	U	U	U	U	U	U		
7440-38-2	Arsenic	25	ug/L	U	U	U	1.9 B	U	U	U		
7440-39-3	Barium	1000	ug/L	154 B	149 B	111 B	84 B	107 B	110 B	105 B		
7440-41-7	Beryllium	3 (G)	ug/L	U	0.11 B	0.17 B	U	U	U	U		
7440-43-9	Cadmium	5	ug/L	U	U	U	U	U	U	U		
7440-70-2	Calcium	NS	ug/L	254000	235000	235000	171000	148000	158000	154000		
7440-47-8	Chromium	50	ug/L	6.1 B	6.8 B	4.1 B, E	3.4 B	2.1 B	2.6 B	2.5 B		
7440-50-8	Copper	200	ug/L	1.8 B	U	2.3 B	U	U	U	U		
7439-89-6	Iron	300	ug/L	**66600**	**54000**	**46700**	**36100**	**27000**	**26600**	**24500**		
7439-92-1	Lead	25	ug/L	U	1.6 B	U	U	U	U	0.69 B		
7439-95-4	Magnesium	35000 (G)	ug/L	**61500**	**49500**	**53600**	**44400**	**35600**	**36900**	34500		
7439-96-5	Manganese	300	ug/L	**4620**	**4190**	**2900**	**2000**	**1530**	**1420**	**1300**		
7440-02-0	Nickel	100	ug/L	U	1.4 B	U	U	U	U	U		
7440-09-7	Potassium	NS	ug/L	31300	51800	22500	17200	14600	13200	12300		
7782-49-2	Selenium	10	ug/L	2.7 B	U	U	U	U	2.7 B	U		
7440-22-4	Silver	50	ug/L	U	U	U	U	U	U	U		
7440-23-5	Sodium	20000	ug/L	**70000**	**66400**	**55400 E**	**44900**	**35300**	**35000**	**33700**		
7440-28-0	Thallium	.5 (G)	ug/L	U	U	U	U	U	U	U		
7440-62-2	Vanadium	NS	ug/L	1.6 B	1.8 B	U	2.1 B	1.2 B	U	U		
7440-66-6	Zinc	2000 (G)	ug/L	8.6 B	5.6 B	270	1.3 B	15.4 B	3.3 B	9.8 B		
57-12-5	Cyanide	200	ug/L	12	U	U	15.7	8.3 B	10.6	U		
	Total Inorganics			488,470	461,216	416,845	315,783	262,195	271,323	260,529	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundw

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

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detectio

B = Compound was found in the blank and sample.

Appendix B-2f - Monitoring Well MW-6 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-6 A7E98507 TA A07-E985 Water 12/26/2007	MW-6 A8E30604 TA A08-E150 Water 11/10/2008	MW-6 RSI0312-06 TA RSI0296 Water 9/9/2009	MW-6 RTF0798-05 TA RTF0798 Water 6/10/2010	MW-6 480-2185-5 TA 480-2185 Water 3/3/2011	MW-6 480-14453-5 TA 480-14453 Water 12/23/2011	MW-6 480-23574-3 TA 480-23574 Water 8/7/2012	MW-6 480-38363-6 TA 480-38363 Water 5/15/2013	MW-6 480-56775-6 TA 480-56775 Water 3/27/2014	MW-6 480-70616-3 TA 480-70616 Water 11/3/2014
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	ug/L	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	ug/L	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	ug/L	U	U	U	U	U	U	U	U	U	U
	Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	ug/L	**17**	U	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.75 J B**	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.70 J B**	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	0.51 J	U	U
207-08-9	Benzo[k]flouranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.82 J**	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.94 J B	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.31 J**	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	1 J B	U	U	U	U	U	0.34 J	U	U
84-74-2	Di-n-butyl phthalate	50	ug/L	0.4 J, B	0.7 J	U	0.45 J	0.43 J	0.98 J, B	U	0.75 J B	0.39 J B	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.85 J B	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	0.38 J	U	U
	Total SVOCs			17.4	0.3	ND	0.45	0.43	0.98	ND	6.35	0.39	ND
	PESTICIDES												
309-00-2	Aldrin	ND	ug/L										
319-84-6	alpha-BHC	0.01	ug/L										
72-55-9	4,4'-DDE	0.2	ug/L										
50-29-3	4,4'-DDT	0.2	ug/L										
60-57-1	Dieldrin	0.004	ug/L										
959-98-8	Endosulfan I	NS	ug/L										
1031-07-8	Endosulfan sulfate	NS	ug/L										
72-20-8	Endrin	ND	ug/L										
7421-93-4	Endrin aldehyde	5	ug/L										
58-89-9	gamma-BHC (Lindane)	0.05	ug/L										
5103-74-2	gamma-Chlordane	0.05	ug/L										
76-44-8	Heptachlor	0.04	ug/L										
1024-57-3	Heptachlor epoxide	0.03	ug/L										
	Total Pesticides			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PCBs												
	None Detected												
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	ug/L										
7440-36-0	Antimony	3	ug/L										
7440-38-2	Arsenic	25	ug/L										
7440-39-3	Barium	1000	ug/L										
7440-41-7	Beryllium	3 (G)	ug/L										
7440-43-9	Cadmium	5	ug/L										
7440-70-2	Calcium	NS	ug/L										
7440-47-8	Chromium	50	ug/L										
7440-50-8	Copper	200	ug/L										
7439-89-6	Iron	300	ug/L										
7439-92-1	Lead	25	ug/L										
7439-95-4	Magnesium	35000 (G)	ug/L										
7439-96-5	Manganese	300	ug/L										
7440-02-0	Nickel	100	ug/L										
7440-09-7	Potassium	NS	ug/L										
7782-49-2	Selenium	10	ug/L										
7440-22-4	Silver	50	ug/L										
7440-23-5	Sodium	20000	ug/L										
7440-28-0	Thallium	.5 (G)	ug/L										
7440-62-2	Vanadium	NS	ug/L										
7440-66-6	Zinc	2000 (G)	ug/L										
57-12-5	Cyanide	200	ug/L										
	Total Inorganics			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundw

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

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detectio

B = Compound was found in the blank and sample.

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

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample / Source: / SDG: / Matrix: / Sampled:	MW-7 162138 Columbia MW1 Water 8/12/1997	MW-7 G5190 OBG 5116 Water 11/20/1997	MW-7 H1024 OBG 6857 Water 2/20/1998	MW-7 H7534 OBG 7830 Water 5/29/1998	MW-7 J8492 OBG 9596 Water 10/23/1998	MW-7 M0299 OBG 1516 Water 4/21/1999	MW-7 N4879 OBG 3856 Water 11/9/1999	MW-7 Q4029 OBG 5512 Water 4/28/2000	MW-7 R7151 OBG 7645 Water 12/13/2000
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	8 J, B	U	U	U	8 J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	11	8 J	4 J	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	1 J	U	U	U	1 J
127-18-4	Tetrachloroethene	5	µg/L	U	U	U	U	U	U	U	U	1 J
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	1 J	U	U	U	U
	Total VOCs			ND	ND	ND	ND	10	11	8	4	10
	SEMIVOLATILES											
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1 J, B	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	3 J, B	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	U	U	U	U	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U
95-48-7	2-Methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U
106-44-5	4-Methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	10 J	8 J	3 J	1 J	U	U	U	U	U
108-95-2	Phenol	1	µg/L	**2J, B**	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Total SVOCs			18	8	3	1	ND	ND	ND	ND	ND
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	0.00044 B, J, P	U	0.0061 B, J	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U	0.00061 B, J, P
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	U	U	0.003 J, P
72-55-9	4,4'-DDE	0.2	µg/L	U	U	U	U	U	U	U	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	U	U	U	U	U	U	U
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	0.0012 J, P	U	U	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	0.00072 B, J, P	U	U	U	U	0.00089 J, P
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	0.0033 J, P	U	U	U	U	U	0.1 J, P
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	U	U	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	0.0013	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	0.0055 J	0.00091 J, P	U	U	0.012 J, P	0.0029 J, P	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	0.0042 B, J, P	0.0037	0.008 J, P	U	0.0042 J, P	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	0.0048 J	U	0.0018 B, J, P	U
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U	U	0.044 B, J, P
	Total Pesticides			ND	ND	0.0088	0.00627	0.005	0.0201	0.012	0.0089	0.1485
	PCBs											
	PCB-1242			U	U	U	U	U	U	U	U	U
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L	122	24900	1540	398	189 B	316	711	1730	544 E
7440-36-0	Antimony	3	µg/L	U	**8.6 B**	U	U	U	U	U	U	U
7440-38-2	Arsenic	25	µg/L	24.2	**52.2**	U	U	U	U	U	14	6.4 B
7440-39-3	Barium	1000	µg/L	246	637	543	612	616	575	614	626	538
7440-41-7	Beryllium	3 (G)	µg/L	1.2 B	1.8 B	0.13 B	U	U	U	0.26 B	0.19 B	0.33 B
7440-43-9	Cadmium	5	µg/L	4 B	1.1 B	U	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	60800	214000	104000	106000	103000	110000	111000	120000	125000
7440-47-8	Chromium	50	µg/L	U	**77.2**	7.4 B	U	6.3 B	8.5 B	7.4 B, E	16.8	12.2
7440-48-4	Cobalt	NS	µg/L	U	17.6 B	U	U	U	U	U	1.7 B	U
7440-50-8	Copper	200	µg/L	U	56	3.2 B	1.3 B	2.2 B	2.7 B	3.3 B	4.7 B	2.4 B
7439-89-6	Iron	300	µg/L	**17900**	**75100**	**13100**	**11200**	**11200**	**12300**	**14300**	**27200**	**17700**
7439-92-1	Lead	25	µg/L	U	**53.2**	U	U	U	U	U	3 B	2.6 B
7439-95-4	Magnesium	35000 (G)	µg/L	7880	**41900**	21100	20800	21400	22000	22600	**190000**	21000
7439-96-5	Manganese	300	µg/L	226	**1790**	177	126	121	149	170	**382**	246
7440-02-0	Nickel	100	µg/L	U	54.8	2.7 B	2 B	1.4 B	3.5 B	4.5 B, E	8.1 B	4.4 B
7440-09-7	Potassium	NS	µg/L	8780	6220	2170 B	2310 B	1200 B	2170 B	2440 B	9540	5770 E
7782-49-2	Selenium	10	µg/L	U	5	U	U	U	U	U	U	U
7440-22-4	Silver	50	µg/L	1.4 B	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20000	µg/L	**22800**	**26100**	**22300**	**20900**	**22100**	**23700**	**25700 E**	**27000**	**22900**
7440-28-0	Thallium	.5 (G)	µg/L	U	**6.9 B**	**3.6 B**	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	U	42.5 B	3.4 B	1.8 B	U	1.4 B	2.2 B, E	4.3 B	1.6 B
7440-66-6	Zinc	2000 (G)	µg/L	62.7	307	15.1 B	13.4 B	23.2	18.2 B	18.3 B	45.4	13.1 B
57-12-5	Cyanide	200	µg/L	7.4	31	13	U	U	U	U	U	U
	Total Inorganics			118,854.90	391,361.90	164,978.53	162,364.50	159,859.10	171,244.30	177,570.96	376,576.19	193,741.03

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.

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

Appendix B-2g - Monitoring Well MW-7 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample / Source: / SDG: / Matrix: / Sampled:	MW-7 S7277 OBG 9259 Water 6/18/2001	MW-7 T6913 OBG 739 Water 12/12/2001	MW-7 V4634 OB 2494 Water 6/19/2002	MW-7 Z9833 OB 4203 Water 12/19/2002	MW-7 A7552 OB 5716 Water 6/25/2003	MW-7 B4509 OB 6968 Water 12/18/2003	MW-7 E1192 OB 6968 Water 6/9/2004	MW-7 0508015-001A OB 200508 Water 8/1/2005	MW-7 0603108-002A LSL-BL 6030950 Water 3/23/2006
CAS NO.	COMPOUND		UNITS:									
	VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	U	U	U	3 J, B	U	U	3 J, B	4 J, B	2 J, B
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	30	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	0.9 J, B	1 J	1 J, B	0.5 J, B	U	0.7 J, B	2 J, B	1 J, B
127-18-4	Tetrachloroethene	5	µg/L	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	U	U
	Total VOCs			ND	0.9	1	4	30.5	ND	3.7	6	3
	SEMIVOLATILES											
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	U	U	U	9 J	U	U	U	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	7 J	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	**14**	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	4 J	U	U	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	U	U	U	**4 J**	U	U	U	U	U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	4 J	U	U	**11**	U	U	**18**	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	**7 J**	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	U	U	U	**6 J**	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	13	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	**4 J**	U	U	U	U	U
95-48-7	2-Methylphenol	1	µg/L	U	U	U	1	U	U	U	U	U
106-44-5	4-Methylphenol	1	µg/L	U	U	U	**3 J**	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U
108-95-2	Phenol	1	µg/L	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	26	U	U	U	U	U
	Total SVOCs			4	ND	ND	109	ND	ND	18	ND	ND
	PESTICIDES											
309-00-2	Aldrin	ND	µg/L	U	U	0.011 J, P	U	U	U	U		
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	U	U		
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	U	U	U		
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	U		
72-55-9	4,4'-DDE	0.2	µg/L	0.003 B, J, P	U	U	U	U	U	U		
60-57-1	Dieldrin	0.004	µg/L	U	0.0027 J	U	U	U	U	U		
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	U	U		
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	U	U	U	U		
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	U	U	U	U		
7421-93-4	Endrin aldehyde	5	µg/L	U	0.021 B, J	U	U	0.004 B, J	U	U		
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	U	U	U		
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	0.0039 J	U	U	U	U	U		
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	U	U	U	U	0.0024 B, J, P		
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	U	U		
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U		
	Total Pesticides			0.003	0.0276	0.011	ND	0.004	ND	0.0024	NA	NA
	PCBs											
	PCB-1242			U	U	U	U	U	U	U	U	U
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS											
7429-90-5	Aluminum	NS	µg/L	79.1 B	265	582	304	315	224	329		
7440-36-0	Antimony	3	µg/L	U	U	U	U	U	U	U		
7440-38-2	Arsenic	25	µg/L	15.5	25	19.9	21.3	15.8	20.9	16.8		
7440-39-3	Barium	1000	µg/L	374	388	375	369	360	348	362		
7440-41-7	Beryllium	3 (G)	µg/L	U	0.11 B	0.22 B	U	U	U	U		
7440-43-9	Cadmium	5	µg/L	U	0.62 B	U	U	U	U	U		
7440-70-2	Calcium	NS	µg/L	107000	112000	112000	109000	109000	108000	114000		
7440-47-8	Chromium	50	µg/L	6.6 B	8.7 B	4.6 B, E	11.5	5.7 B	U	4.9 B		
7440-48-4	Cobalt	NS	µg/L	U	1.5 B	U	U	U	U	U		
7440-50-8	Copper	200	µg/L	U	U	U	U	0.9 B	U	U		
7439-89-6	Iron	300	µg/L	**25100**	**30700**	**26500**	**26300**	**22800**	**23900**	**23200**		
7439-92-1	Lead	25	µg/L	U	U	U	U	U	U	0.8 B		
7439-95-4	Magnesium	35000 (G)	µg/L	14800	13700	14200	13100	13600	12200	13200		
7439-96-5	Manganese	300	µg/L	292	**344**	298	**302**	282	277	287		
7440-02-0	Nickel	100	µg/L	2.6 B	4 B	U	4.3 B	1.7 B	U	2.5 B		
7440-09-7	Potassium	NS	µg/L	13100	16700	13000	12600	10700	12000	11200		
7782-49-2	Selenium	10	µg/L	U	U	U	U	U	3 B	U		
7440-22-4	Silver	50	µg/L	U	U	U	U	U	U	U		
7440-23-5	Sodium	20000	µg/L	**23500**	**24800**	**27800 E**	**27200**	**26700**	**27700**	**28900**		
7440-28-0	Thallium	.5 (G)	µg/L	U	U	U	U	U	U	U		
7440-62-2	Vanadium	NS	µg/L	1.2 B	1.7 B	1.4 B	1.8 B	1.4 B	U	U		
7440-66-6	Zinc	2000 (G)	µg/L	10 B	20.2	12.2 B	20.4	31.6	1.8 B	38.1		
57-12-5	Cyanide	200	µg/L	U	10.2	U	11.8	14.4	13.4	U		
	Total Inorganics			184,281.00	198,969.03	194,793.32	189,246.10	183,828.50	184,688.10	191,541.10	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundv
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance v
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit
J = Result is less than the Reporting Limit but greater than or equal to the Method Detecti
B = Compound was found in the blank and sample.

Appendix B-2g - Monitoring Well MW-7 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Wells Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	MW-7 A7E98508 TA A07-E985 Water 12/26/2007	MW-7 A8E15004 TA A08-E150 Water 11/6/2008	MW-7 RSI0312-05 TA RSI0296 Water 9/9/2009	MW-7 RTF0798-06 TA RTF0798 Water 6/10/2010	MW-7 480-2185-6 TA 480-2185 Water 3/3/2011	MW-7 480-14453-6 TA 480-14453 Water 12/23/2011	MW-7 480-23574-4 TA 480-23574 Water 8/7/2012	MW-7 480-38363-7 TA 480-38363 Water 5/15/2013	MW-7 480-56775-7 TA 480-56775 Water 3/27/2014	MW-7 480-70616-4 TA 480-70616 Water 11/3/2014
CAS NO.	COMPOUND		UNITS:										
	VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	U	U	U	U	3.4 J	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	U	U	U	U	U	U
127-18-4	Tetrachloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	U	U	U
	Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND
	SEMIVOLATILES												
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	U	U	U	U	U	U	U	**1.0 J B**	U	U
50-32-8	Benzo[a]pyrene	NS	µg/L	U	U	U	U	U	U	U	0.61 J	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**1.0 J B**	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	0.73 J	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**1.1 J**	U	U
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	**37**	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	1.4 J B	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.45 J**	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	0.4 J, B	0.3 J	U	U	0.41 J	1.0 J, B	U	0.91 J B	U	U
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	1.3 J B	U	U
	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.44 J	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.55 J**	U	U
95-48-7	2-Methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U
106-44-5	4-Methylphenol	1	µg/L	U	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	U	U	U	U	U	U	U	U	U	U
108-95-2	Phenol	1	µg/L	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	0.56 J	U	U
	Total SVOCs			37.4	0.3	ND	ND	0.41	1.0	ND	9.61	ND	ND
	PESTICIDES												
309-00-2	Aldrin	ND	µg/L										
319-84-6	alpha-BHC	0.01	µg/L										
319-86-8	delta-BHC	0.04	µg/L										
72-54-8	4,4'-DDD	0.3	µg/L										
72-55-9	4,4'-DDE	0.2	µg/L										
60-57-1	Dieldrin	0.004	µg/L										
959-98-8	Endosulfan I	NS	µg/L										
33213-65-9	Endosulfan II	NS	µg/L										
1031-07-8	Endosulfan sulfate	NS	µg/L										
7421-93-4	Endrin aldehyde	5	µg/L										
53494-70-5	Endrin ketone	5	µg/L										
58-89-9	gamma-BHC (Lindane)	0.05	µg/L										
5103-74-2	gamma-Chlordane	0.05	µg/L										
1024-57-3	Heptachlor epoxide	0.03	µg/L										
72-43-5	Methoxychlor	35	µg/L										
	Total Pesticides			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PCBs												
	PCB-1242			U	U	U	U	U	U	**1.5**	U	U	U
	Total PCBs			ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND
	INORGANICS												
7429-90-5	Aluminum	NS	µg/L										
7440-36-0	Antimony	3	µg/L										
7440-38-2	Arsenic	25	µg/L										
7440-39-3	Barium	1000	µg/L										
7440-41-7	Beryllium	3 (G)	µg/L										
7440-43-9	Cadmium	5	µg/L										
7440-70-2	Calcium	NS	µg/L										
7440-47-8	Chromium	50	µg/L										
7440-48-4	Cobalt	NS	µg/L										
7440-50-8	Copper	200	µg/L										
7439-89-6	Iron	300	µg/L										
7439-92-1	Lead	25	µg/L										
7439-95-4	Magnesium	35000 (G)	µg/L										
7439-96-5	Manganese	300	µg/L										
7440-02-0	Nickel	100	µg/L										
7440-09-7	Potassium	NS	µg/L										
7782-49-2	Selenium	10	µg/L										
7440-22-4	Silver	50	µg/L										
7440-23-5	Sodium	20000	µg/L										
7440-28-0	Thallium	.5 (G)	µg/L										
7440-62-2	Vanadium	NS	µg/L										
7440-66-6	Zinc	2000 (G)	µg/L										
57-12-5	Cyanide	200	µg/L										
	Total Inorganics			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundv

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

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detecti

B = Compound was found in the blank and sample.

Appendix B-2h - Former Recovery Well RW-4 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Well Sampling Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	RW-4 0508082-002A OB 200508 Water 8/11/2005	RW-4 0603110-002A LSL-BL 6030950 Water 3/24/2006	RW-4 A7E98509 TA A07-E985 Water 12/27/2007	RW-4 A8E15005 TA A08-E150 Water 11/5/2008	RW-4 RSI0296-01 TA RSI0296 Water 9/8/2009	RW-4 RTF0903-02 TA RTF0798 Water 6/14/2010	RW-4 480-2185-8 TA 480-2185 Water 3/3/2011	RW-4 480-14402-1 TA 480-14402 Water 12/22/2011	RW-4 480-23574-5 TA 480-23574 Water 8/7/2012	RW-4 480-38452-6 TA 480-38452 Water 5/16/2013	RW-4 480-56862-6 TA 480-56862 Water 3/28/2014	RW-4 480-70664-1 TA 480-70664 Water 11/4/2014
CAS NO.	COMPOUND		UNITS:												
	VOLATILES														
67-64-1	Acetone	50 (G)	µg/L	5 J, B	1 J, B	U	U	U	U	U	U	U	U	U	U
71-43-2	Benzene	1	µg/L	**4 J**	U	U	U	U	U	U	**9.9**	**6.5**	**13**	**1.3**	**14**
75-15-0	Carbon Disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	0.52 J, B	U	U	U	U
156-59-2	cis-1,2-Dichloroethene	5	µg/L	0.7 J	U	U	U	U	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	0.7 J	U	U	U	U	U	U	1.5	1.6	**5.7**	3.9	**10**
75-09-2	Methylene chloride	5	µg/L	0.9 J, B	0.9 J, B	U	U	U	U	U	U	U	U	U	U
100-42-5	Styrene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	1 J	U	U	U	U	U	U	0.82 J	0.55 J	U	U	U
1330-20-7	Xylenes, Total	5	µg/L	U	U	U	U	U	U	U	1.2 J	3.3	4.4	5.7	2.0
	Total VOCs			12.3	1.9	ND	ND	ND	ND	ND	13.94	11.95	23.1	10.9	26
	SEMIVOLATILES														
120-12-7	Anthracene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	0.66 J	0.78 J
208-96-8	Acenaphthylene	NS	µg/L	U	U	U	U	U	U	U	U	U	0.49 J	0.61 J	0.70 J
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
50-32-8	Benzo(a)pyrene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
86-74-8	Carbazole	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
	Diethyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U	U	0.41 J
81-74-2	Di-n-butyl phthalate	50	µg/L	U	2 J	U	U	U	U	0.37 J	U	U	0.29 J	0.48 J B	U
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
	1,2-Dichlorobenzene	3	µg/L	U	U	U	0.5 J B	U	U	U	U	U	U	U	U
	1,3-Dichlorobenzene	3	µg/L	U	U	U	0.6 J B	U	U	U	U	U	U	U	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	U	U	U	0.5 B, J	U	U	U	0.34 J	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
91-57-6	2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	7 J	U	U	0.2 B, J	U	U	U	3.2 J	5.8	U	0.88 J	U
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
108-95-2	Phenol	1	µg/L	U	U	U	U	U	U	U	U	U	0.57 J	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
	1,2,4-Trichlorobenzene	5	µg/L	U	U	U	0.3 J B	U	U	U	U	U	U	U	U
	Total SVOCs			7	2	ND	0.7	ND	ND	0.37	3.54	5.8	1.35	2.63	1.89
	PCBs														
	None detected														
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
B = Compound was found in the blank and sample.

Appendix B-2i - Former Recovery Well RW-5 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Monitoring Well Sampling Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	RW-5 0508082-001A OB 200508 Water 8/11/2005	RW-5 0603110-001A LSL-BL 6030950 Water 3/24/2006	RW-5 A7E985010 TA A07-E985 Water 12/27/2007	RW-5 A8E15006 TA A08-E150 Water 11/5/2008	RW-5 RSI0296-05 TA RSI0296 Water 9/8/2009	RW-5 RTF0903-03 TA RTF0798 Water 6/14/2010	RW-5 480-2185-9 TA 480-2185 Water 3/3/2011	RW-5 480-14402-2 TA 480-14402 Water 12/22/2011	RW-5 480-23574-6 TA 480-23574 Water 8/7/2012	RW-5 480-38452-7 TA 480-38452 Water 5/16/2013	RW-5 480-56862-7 TA 480-56862 Water 3/28/2014	RW-5 480-70664-2 TA 480-70664 Water 11/4/2014
CAS NO.	COMPOUND		UNITS:												
	VOLATILES														
67-64-1	Acetone	50 (G)	µg/L	5 J, B	2 J, B	U	U	2.8 J	U	U	U	U	U	U	U
71-43-2	Benzene	1	µg/L	**25**	U	U	U	**1.8**	0.89 J	U	U	**41**	U	U	**4.4**
75-15-0	Carbon Disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	0.56 J, B	U	U	U	U
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	**12**	U	U	U	U	U	U	U	**15**	U	U	U
75-09-2	Methylene chloride	5	µg/L	1 J, B	U	U	U	U	U	U	U	U	U	U	U
100-42-5	Styrene	5	µg/L	**10**	U	U	U	U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	**15**	U	U	U	U	U	U	U	1.5	U	U	U
1330-20-7	Xylenes, Total	5	µg/L	U	U	U	U	U	U	U	U	**24**	U	U	U
	Total VOCs			68	2	ND	ND	4.6	0.89	ND	0.56	81.5	ND	ND	4.4
	SEMIVOLATILES														
120-12-7	Anthracene	50 (G)	µg/L	U	U	U	U	U	U	U	0.64 J	U	U	U	U
208-96-8	Acenaphthylene	NS	µg/L	5 J	U	U	U	U	U	U	U	0.77 J	U	U	U
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.72 J**	U	U	U	U
50-32-8	Benzo(a)pyrene	NS	µg/L	U	U	U	U	U	U	U	0.48 J	U	U	U	U
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.54 J**	U	U	U	U
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	U	U	U	U	U	U	U	0.57 J	U	U	U	U
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	U	U	U	U	U	U	U	0.63 J	U	U	U	U
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	U	U	U	U	U	U	U	3.2 J	U	U	U	3.8 J
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	3.4 J	U	U	0.52 J B	1.2 J B
86-74-8	Carbazole	NS	µg/L	2 J	U	U	U	U	U	U	0.34 J	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.62 J**	U	U	U	U
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	U	U	U	U	U	U	U	0.53 J	U	U	U	U
	Diethyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U	0.26 J	U
81-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	0.3 J	U	U	0.34 J	0.83 J	U	0.41 J	U	0.37 J
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	3.0 J	U	U	U	U
	1,2-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
	1,3-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	0.69 J	U	U	U	U
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	**0.55 J**	U	U	U	U
91-57-6	2-Methylnaphthalene	NS	µg/L	8 J	U	U	U	U	U	U	U	1.7 J	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	**3 J**	U	U	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	**430 E**	U	U	U	U	U	U	U	8.8	U	U	**15**
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	U	U	U	U	0.89 J	U	U	U	U
108-95-2	Phenol	1	µg/L	**3 J**	U	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	0.76 J	U	U	U	U
	1,2,4-Trichlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
	Total SVOCs			451	ND	ND	0.3	ND	ND	0.34	18.39	11.27	0.41	0.78	20.37
	PCBs														
	None detected														
	Total PCBs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

ND = Not Detected

NS = No Standard

(G) = Guidance Value

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

J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.

B = Compound was found in the blank and sample.

APPENDIX B-3
Historically Detected Compounds
(Sumps, 1997-2014)

Appendix B-3a - Sump S-1 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	S-1 G5093 OBG 5116 Water 11/20/1997	S-1 H0918 OBG 6847 Water 2/18/1998	S-1 H7400 OBG 7810 Water 5/28/1998	S-1 J8341 OBG 9571 Water 10/21/1998	S-1 M0193 OBG 1489 Water 4/20/1999	S-1 N4877 OBG 3856 Water 11/9/1999	S-1NAPL A9751104 OBG 11090 Water 11/9/1999	S-1 Q3849 OBG 5490 Water 4/26/2000	S-1 R7180 OBG 7645 Water 12/14/2000	S-1 S7322 OBG 9270 Water 6/20/2001	S-1 T7106 OBG 764 Water 12/13/2001	S-1 V4632 OB 2494 Water 6/19/2002	S-1 Z7813 OB 4203 Water 12/18/2002	S-1 A7429 OB 5716 Water 6/24/2003	S-1 B4467 OB 6968 Water 12/18/2003
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	U	6 J, B	6 J	U
71-43-2	Benzene	1	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
78-93-3	2-Butanone	50	µg/L	U	U	U	U	U	U		U	U	3 J	U	U	2 J	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	7 J	U		U	U	U	U	15	U	U	U
108-90-7	Chlorobenzene	5	µg/L	U	U	U	U	U	U		U	U	U	U	U	0.8 J	U	U
75-00-3	Chloroethane	5	µg/L	U	U	U	U	U	U		U	U	1 J	U	U	U	U	U
74-87-3	Chloromethane	5	µg/L	U	U	U	U	U	U		U	U	2 J	U	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	U	U	U	U		U	U	U	U	U	U	U	U
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (total)	5	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	3 J	2 J	U	2 J	U	U		U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	2 J	U	U		U	U	1 J	0.6 J, B	2 J	0.7 J, B	0.5 J	U
127-18-4	Tetrachloroethene	5	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
79-01-6	Trichloroethene	5	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
75-01-4	Vinyl chloride	3	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	2 J	2 J	U	U	U	U		U	U	U	U	U	U	U	U
	Total VOCs			14	10	9	14	20	7	NA	7	5	19	4.6	17	9.5	6.5	ND
	SEMIVOLATILES																	
83-32-9	Acenaphthene	20 (G)	µg/L	11	**38**	3 J	**370 D**	**180 D**	**55 J, D**	**130,000 J**	**77 J, D**	12 J, D	U	U	U	U	U	10 J, D
120-12-7	Anthracene	50(G)	µg/L	14	39	2 J	**300 D**	**110 D**	23 J, D	**83,000 J**	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	17	**94 E**	2 J	**420 D**	**310 D**	**78 J, D**	**160,000 J**	**170 J, D**	**33 J, D**	**52 J, D**	**29 J, D**	**29 J, D**	U	**90 J, D**	**56 D**
50-32-8	Benzo[a]pyrene	ND	µg/L	12	57	2 J	230 D	150 D	42 J, D	730,00 J	88 J, D	**21 J, D**	30 J, D	19 J, D	26 J, D	U	72 J, D	53 D
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	**16**	**75**	**2 J**	**350 D**	**210 D**	**76 J, D**	**180,000 J**	**170 J, D**	**34 J, D**	**68 J, D**	**34 J, D**	**45 J, D**	**57 J**	**110 J, D**	**84 D**
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	6 J	34	U	130 D	220 D	U	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	**6 J**	**29**	U	**160 D**	**77 D**	**29 J, D**	U	U	U	**25 J, D**	U	**14 J, D**	U	**58 J, D**	**31 J, D**
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	**21**	**120 E**	4 J	**530 D**	**190 D**	**46 J, D**	**82,000 J**	**140 J, D**	**11 J, D**	**55 J, D**	**29 J, D, B**	**32 J, D**	U	**100 J, D**	**77 D**
86-74-8	Carbazole	NS	µg/L	U	U	2 J	U	U	U	U	U	**30 J, D**	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	**19**	**90 E**	**2 J**	**430 D**	**380 D**	**92 J, D**	**160,000 J**	**160 J, D**	**34 J, D**	**43 J, D**	**19 J, D**	**20 J, D**	U	**83 J, D**	**46 J, D**
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	U	10	U	40 J, D	U	U	U	U	U	U	U	U	U	U	U
132-64-9	Dibenzofuran	NS	µg/L	5 J	31	2 J	250 D	73 D	24 J, D	U	U	U	U	U	U	U	U	U
541-73-1	1,3-Dichlorobenzene	3	µg/L	U	3 J	1 J	**16 J, D**	U	U	U	U	U	U	U	U	U	U	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	2 J	**14**	**6 J**	**77 J, D**	**13**	U	U	U	U	U	U	U	U	U	**7 J, D**
120-83-2	2,4-Dichlorophenol	1	µg/L	1 J	U	U	U	U	U	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**260 E**	**290 E**	**78**	**84 J, D**	**33**	**12 J, D**	U	U	**12 J, D**	U	U	**26 J, D**	U	U	**14 J, D**
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	**570 J, D**	U	U	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	**82 E**	**330 E**	6 J	**1,800 D, E**	**710 D, E**	**160 J, D**	**600,000 J**	U	U	**89 J, D**	**51 J, D**	43 J, D	**98 J**	**230 J, D**	**120 D**
86-73-7	Fluorene	50 (G)	µg/L	8 J	30	2 J	**390 D**	**99 D**	39 J, D	**1,200,000 J**	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	**6 J**	**30**	U	**120 D**	**190 D**	**21 J, D**	U	U	U	U	U	**10 J, D**	U	U	U
91-57-6	2-Methylnaphthalene	NS	µg/L	2 J	5 J	1 J	130 D	17 J, D	79 J	U	U	U	U	U	U	U	U	U
95-48-7	2-Methylphenol	1	µg/L	**51**	**33**	**6 J**	U	U	U	U	U	U	U	U	U	U	U	U
106-44-5	4-Methylphenol	1	µg/L	**86 E**	**37**	**37**	U	U	U	U	U	U	U	U	**13 J, D**	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	3 J	5 J	2 J	**65 J, D**	6 J, D	U	U	U	U	U	U	U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Pentachlorophenol	5	µg/L															
85-01-8	Phenanthrene	50 (G)	µg/L	24	**140 E**	4 J	**1,400 E, D**	**210 D**	**54 J, D**	**200,000 J**	U	U	U	U	U	U	U	U
108-95-2	Phenol	1	µg/L	**68**	**40**	**17**	U	U	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	45	**290 E**	11	**1,200 E, D**	**1,400 E, D**	**440 D**	**570,000 J**	**560 J, D**	**94 J, D**	**170 J, D**	**69 J, D**	**86 J, D**	**120 J, D**	**270 J, D**	**170 D**
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	**12**	**52**	4 J	**31 J, D**	U	U	U	U	U	U	U	U	U	U	U
	Total SVOCs			777	1,916	196	8,523	4,578	1,270	3,438,000	1,935.0	281.0	532.0	250.0	344.0	275.0	1,013.0	668.0
	PESTICIDES																	
309-00-2	Aldrin	ND	µg/L	U	U	0.008 J, P	U	U	0.038 J, P		U	U	U	U	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	**0.011 J, P**	U	U	U		**0.12 J, P**	**0.018 J, P**	U	**0.11 J, P**	U	**0.26**	**0.072 J, P**	U
	beta-BHC	0.04	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	0.021 J, P	U	U	0.0048 J, P	0.0046 J, P		0.0026 J, P	U	0.0045 J, P	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U		U	U	U	**0.28 P**	**1.3 P**	U	U	**0.092 J, P**
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	**0.096 J, P**	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	0.02 J, P	U	U	0.0082 J, P		U	U	U	**1.2 P**	U	**0.53 P**	U	U
72-54-8	4,4'-DDD	0.3	µg/L	0.026 J, P	0.26 J, P	0.058 J, P	0.033 J, P	0.051 J, P	U		0.029 J, P	U	0.068 J, P	U	U	U	**2.3 P**	0.053 J, P
72-55-9	4,4'-DDE	0.2	µg/L	U	**1.4 P**	0.016 J, P	**0.51 P**	**1.3 P**	**0.24 J, P**		**0.79**	**0.58 P**	**2.1 B, P**	**2.3**	**9.3 E**	**0.69 P**	**1 P**	**0.61 P**
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	U	U		0.028 J, P	0.17 J, P	**0.83 P**	U	U	U	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	U	U	U	**0.25 J, P**		U	U	U	**1.9 B, P**	**6.2 P**	**0.88**	**1 P**	**0.42 J, P**
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	0.14 J, P	U		0.13 J, P	0.1 J, P	0.62 P	0.33 P	1.1 P	0.095 J, P	0.84 P	U
33213-65-9	Endosulfan II	NS	µg/L	1.4	17 E	0.081 J, P	3.1	2.1	U		U	U	U	U	U	0.082 J, P	U	0.046 J, P
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	U	0.086 J, P, B	U	0.44 J		U	0.13 J, P	0.17 J, P	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	U	U	0.023 J, P	U	U	U		0.13 J, P	1 P	0.31 J, P, B	0.68 P	2.5 P	U	U	2.6
7421-93-4	Endrin aldehyde	5	µg/L	U	1.8 P	U	0.045 J, P	0.3 J, P	0.047 J, P		0.025 J, P	0.067 J, P	0.82 P	0.71 B, P	2.7 P	0.26 J, P	0.38 J, P, B	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	U	U		U	U	U	0.069 J, P	**8.7 P**	U	0.46 J, P	0.87 P
76-44-8	Heptachlor	0.04	µg/L	U	**0.39 P**	U	U	U	U		U	U	U	U	**5.3 E, P**	U	**0.26 P**	**0.41 P**
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	0.0057 J, P	U	U	U		U	U	U	U	U	U	U	U
72-43-5	Methoxychlor	35	µg/L	0.079 J, P	U	0.097 J, P	U	0.83 J, P	0.092 J, P		U	U	U	0.35 J, P	2.1 J, P	U	1.3 J, P	U
	Total Pesticides			1.5	20.9	0.3	3.8	4.7	1.1	NA	1.3	2.1	4.9	7.9	39.2	2.8	7.7	5.1
	PCBs																	
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	U	**0.88 J, P**	U	U	U	U	U	U	U	U	U	U	U	U
12672-29-6	Aroclor-1248	< 0.09	µg/L	**7.4**	**100 P**	U	**39 P**	**74 P**	**19 P**	**330,000**	**56**	**48**	**150 P**	**110**	**400 E**	**54 P**	**62 P**	**33 P**
11096-82-5	Aroclor-1260		µg/L	**43**	**330 E**	**2.4 P**	**89 E**	**72 P**	**9.2 P**	**120,000**	**26**	**17 P**	**88 E, P**	**53**	**200 E**	**22**	**3 P8**	**16**
	Total PCBs			50.4	430	3.28	128	146	28.2	450,000	82	65	238	163	600	76	100	49
	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
7440-36-0	Antimony	3	µg/L	U	U	U	**4.9 B**	2.9 B	U		U	1.9 B	U	U	U	U	**3.7 B**	**9.2 B**
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**
7440-39-3	Barium	1,000	µg/L	187 B	196 B	151 B	463	332	490		278	468	313	**1,080**	179 B	292	441	519
7440-41-7	Beryllium	3 (G)	µg/L	U	0.1 B	U	0.34 B	0.18 B	0.16 B		0.16 B	0.65 B	0.15 B	2.5 B	0.13 B	0.17 B	0.2 B	1 B
7440-43-9	Cadmium	5	µg/L	U	U	U	1.8 B	0.55 B	U		U	U	U	0.37 B	U	U	0.3 B	4.3 B
7440-70-2	Calcium	NS	µg/L	46,300	50,900	45,700	233,000	152,000	254,000		105,000	160,000	111,000	470,000	75,800	87,000	308,000	297,000
7440-47-8	Chromium	50	µg/L	1.2 B	5.4 B	U	16.3	7.6 B	5.1 B, E		15.2	16	7.6 B	48.8	1.7 B, E	7.4 B	13	**87.9**
7440-48-4	Cobalt	NS	µg/L	U	U	U	5.7 B	2.2 B	U		1.2 B	4.9 B	1.7 B	25.3 B	U	U	2.3 B	17.1 B
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**
7439-89-6	Iron	300	µg/L	**1,500**	**4,440**	**3,060**	**21,800**	**7,920**	**19,000**		**9,790**	**23,400**	**15,400**	**105,000**	**6,050**	**16,600**	**36,200**	**73,300**
7439-92-1	Lead	25	µg/L	2.6 B	8.2	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**
7439-95-4	Magnesium	35,000 (G)	µg/L	9,410	10,100	7,730	16,700	12,900	13,600		15,600	14,800	13,900	33,900	14,100	14,800	16,500	23,800
7439-96-5	Manganese	300	µg/L	**1,210**	**1,330**	**1,080**	**3,150**	**2,290**	**3,480**		**1,510**	**2,580**	**1,830**	**6,640**	**824**	**1,660**	**2,370**	**2,260**
7439-97-6	Mercury	0.7	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
7440-02-0	Nickel	100	µg/L	7.7 B	17 B	8.1 B	28.9 B	18.2 B	33.5 B, E		45.3	28.6 B	12.4 B	**102**	2 B	14.1 B	35.7 B	**310**
7440-09-7	Potassium	NS	µg/L	16,700	14,500	20,300	24,400	23,700	23,000		22,500	23,900 E	23,900	25,300	24,900	19,500	24,400	24,000
7782-49-2	Selenium	10	µg/L	U	U	U	2.9 B	U	U		U	U	U	3.4 B	U	U	U	9.5
7440-22-4	Silver	50	µg/L	U	U	U	U	U	U		U	U	U	U	U	U	U	U
7440-23-5	Sodium	20,000	µg/L	**116,000**	**110,000**	**93,300**	**93,000**	**138,000**	**145,000 E**		**121,000**	**118,000**	**125,000**	**124,000**	**99,700 E**	**103,000**	**108,000**	**91,800**
7440-28-0	Thallium	0.5 (G)	µg/L	U	**4.1 B**	U	U	U	U		U	U	U	U	U	U	U	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 B, E		6.2 B	12.7 B	8.2 B	63.5	U	10.3 B	43.4 B	76.3
7440-66-6	Zinc	2,000 (G)	µg/L	15.8 B	157	23.7	384	138	149		205	197	164	1340	13.6 B	133	270	1200
57-12-5	Cyanide	200	µg/L	14.9	U	U	U	U	U		U	U	U	12.6	U	U	5.5 B	U
	Total Inorganics			191,505	192,763	171,398	399,024	339,818	459,641	NA	277,906	350,375	294,858	785,866	221,666	246,451	501,338	538,256

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.
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
D12 = Dilution required due to sample viscosity
D08 = Dilution required due to high concentration of target analyte(s)
D04 = Dilution required due to high levels of non-target compounds
QFL = Florisil clean-up (EPA 3620) performed on extract.
QSU = Sulfur (EPA 3660) clean-up performed on extract.
Z3 = Sample required dilution due to the nature of the sample matrix.
B = Compound was found in the blank and sample.

Appendix B-3a - Sump S-1 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	S-1 E1135 OB 6968 Water 6/8/2004	S-1 0508015-006A OB 200508 Water 8/2/2005	S-1 0603095-002A LSL-BL 6030950 Water 3/21/2006	S-1 A7E985011 TA A07-E985 Water 12/27/2007	S-1 A8E30606 TA A08-E150 Water 11/10/2008	S-1 RSI0312-01 TA RSI0296 Water 9/9/2009	S-1 RTF0860-02 TA RTF0798 Water 6/11/2010	S-1 480-2227-1 TA 480-2185 Water 3/4/2011	S-1 480-14339-1 TA 480-14339 Water 12/21/2011	S-1 480-23637-1 TA 480-23637 water 8/8/2012	S-1 480-38452-3 TA 480-38452 water 5/16/2013	S-1 480-56862-1 TA 480-38452 WATER 3/28/2014	S-1 480-70664-3 TA 480-38452 WATER 11/4/2014
CAS NO.	COMPOUND		UNITS:													
	VOLATILES															
67-64-1	Acetone	50 (G)	µg/L	10 J, B	5 J, B	5 J, B	U	U	5.5	U	U	U	4.1 J	U	U	3.0 J
71-43-2	Benzene	1	µg/L	U	U	U	U	U	U	U	U	0.44 J	0.41 J	U	U	U
78-93-3	2-Butanone	50	µg/L	2 J	U	U	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
108-90-7	Chlorobenzene	5	µg/L	0.6 J	0.7 J	0.8 J	3 J	U	U	U	**6.0**	**10**	U	U	U	U
75-00-3	Chloroethane	5	µg/L	U	U	U	U	U	U	U	1.1	U	0.69 J	U	U	0.66 J
74-87-3	Chloromethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	U	U	U	U	U	0.50 J	U	0.44 J	U	U	U	U	U
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	U	2 J	U	U	U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (total)	5	µg/L	U	U	U	U	U	4.8	4.0 DO3, J	U	U	U	U	U	U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	0.6 J	U	U	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	1 J, B	0.9 J, B	1 J, B	U	U	U	U	U	U	U	U	U	U
127-18-4	Tetrachloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	0.49 J	U	U	U
108-88-3	Toluene	5	µg/L	U	0.7 J	U	U	U	U	U	U	U	U	U	U	U
79-01-6	Trichloroethene	5	µg/L	U	U	U	U	U	0.66 J	U	U	U	U	U	U	U
75-01-4	Vinyl chloride	3	µg/L	U	U	U	U	U	0.59 J	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
	Total VOCs			14.2	7.3	8.8	3	ND	12.05	4.0	7.54	10.44	5.69	ND	ND	3.66
	SEMIVOLATILES															
83-32-9	Acenaphthene	20 (G)	µg/L	U	2 J	U	1 J	0.8 J	U	U	2.5 J	2.0 J	U	U	U	1.0 J
120-12-7	Anthracene	50(G)	µg/L	U	U	U	0.8 J	0.9 J	U	U	U	U	0.64 J	U	U	0.69 J
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	13	12	61 J	0.4 J	U	32 J D12	U	U	U	0.74 J	U	U	U
50-32-8	Benzo[a]pyrene	ND	µg/L	10 J	10	62 J	U	**0.3 J**	**37 J D12**	U	U	U	**0.77 J**	U	U	**0.48 J**
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	**15 J**	**20**	**100 J**	U	**0.3 J**	**47 J D12**	U	U	U	**1.1 J**	U	U	**0.79 J**
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	4 J	4 J	33 J	U	0.2 J B	U	U	U	U	0.65 J	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	**10 J**	**5 J**	**38 J**	U	U	**26 J D12**	U	U	U	U	U	U	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	**13 J**	**8 J**	**76 J**	U	U	**110 D12**	U	2.9 J	U	**6.3**	U	U	3.7 J
86-74-8	Carbazole	NS	µg/L	U	U	U	2 J	0.5 J	U	1.1 J	2.3 J	3.6 J	0.96 J	U	U	0.45 J
218-01-9	Chrysene	0.002 (G)	µg/L	**12 J**	**10**	**54 J**	U	U	**27 J D12**	U	U	U	**0.73 J**	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	0.7 J B	U	U	1.3 J	U	0.80 J	0.98 J	0.41 J	0.48 J
	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	2.5 J
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	2 J	1 J	U	U	U	U	U	U	U	U	U	U	U
132-64-9	Dibenzofuran	NS	µg/L	U	U	U	0.7 J	U	U	U	0.92 J	1.0 J	U	U	U	U
541-73-1	1,3-Dichlorobenzene	3	µg/L	2 J	U	U	1 J B	U	U	U	0.82 J	0.89 J	U	U	U	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	3 J	1 J	U	2 J	0.3 J B	U	0.53 J	1.5 J	1.9 J	U	U	U	U
120-83-2	2,4-Dichlorophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	1 J B	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**7 J**	**22**	U	**8**	U	U	**8.2**	**9.4**	**4.7 J**	**65**	**1.3 J**	U	**18**
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	8.3	U	0.45 J	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	27	21	**140 J**	0.4 J	0.8 J B	45 J D12	U	U	U	1.4 J	U	U	0.55 J
86-73-7	Fluorene	50 (G)	µg/L	U	U	U	1 J	0.4 J	U	U	1.6 J	1.2 J	0.77 J	U	U	0.43 J
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	**4 J**	**4 J**	**32 J**	U	**0.2 J B**	U	U	U	U	**0.54 J**	U	U	**0.47 J**
91-57-6	2-Methylnaphthalene	NS	µg/L	U	U	U	0.6 J	U	U	U	U	U	0.72 J	U	U	U
95-48-7	2-Methylphenol	1	µg/L	U	U	U	0.2 J	U	U	0.79 J	0.54 J	U	U	U	U	0.70 J
106-44-5	4-Methylphenol	1	µg/L	U	**2 J**	U	U	U	U	U	U	U	U	0.47 J	U	1.0 J
91-20-3	Naphthalene	10 (G)	µg/L	U	U	U	2 J	0.3 J, B	U	U	1.1 J	1.8 J	U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
	Pentachlorophenol	5	µg/L				**9 J**	U	U	U	U	U	U	U	U	U
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	1 J	U	U	U	U	U	0.75 J	U	U	U
108-95-2	Phenol	1	µg/L	**2 J**	**2 J**	U	U	U	U	U	U	U	U	U	U	0.81 J
129-00-0	Pyrene	50 (G)	µg/L	**75**	30	**190 J**	0.8 J	0.6 J	**90 J D12**	U	U	0.48 J	1.9 J	U	U	0.54 J
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
	Total SVOCs			199.0	154.0	786.0	30.9	7.3	414	10.62	24.88	25.87	83.77	3.20	0.41	32.59
	PESTICIDES															
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	**0.11 J, P**	U	U	**0.042 J**	U	U	U	U	U	**0.019 J**	**0.018 J**	U
	beta-BHC	0.04	µg/L	U	U	U	U	0.031 J	U	U	U	U	U	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	**0.072 B**	U	U	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	**0.2 J, P**	**0.46 P**	0.19 J	0.030 J	0.046 J	**3.2 J QFL D04**	0.012 QSU, J	U	U	U	U	0.026 J	U
5103-71-9	alpha-Chlordane	0.05	µg/L	U	**0.22 J, P**	U	U	0.027 J	U	U	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	**2 P**		0.012 J	U	U	0.012 QSU, J	U	U	U	0.030 J	0.015 J	U
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	U	U	U	U	0.17 B	U	U
72-55-9	4,4'-DDE	0.2	µg/L	**1.1**	**4.3**	**1.4 P**	U	U	**4.8 J QFL D04**	0.017 QSU, J	U	U	U	0.023 J	0.027 J	U
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	U	U	U	U	U	U	U	0.017 J	U
60-57-1	Dieldrin	0.004	µg/L	**0.85 B, P**	U	U	**0.023 J**	**0.13 J**	**6.7 QFL D04**	U	U	U	U	**0.010 J**	U	U
959-98-8	Endosulfan I	NS	µg/L	0.24 J, P	0.58 P	U	U	U	U	U	U	U	U	U	U	U
33213-65-9	Endosulfan II	NS	µg/L	0.05 J, P	U	U	U	0.021 J	U	U	U	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	0.32 J, P	0.48 J, P	U	U	U	U	U	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	0.67 P	1.7 P	0.9 J	U	U	U	U	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	0.86 P	U	U	U	U	**5.9 J QFL D04**	U	U	U	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	0.23 J, P	0.16 J, P	U	U	U	U	U	U	U	U	U	U
76-44-8	Heptachlor	0.04	µg/L	**0.78 P**	U	U	U	U	U	U	U	U	U	0.018 J	0.028 J	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	U	U	U	U	U	0.011 J	U	U
72-43-5	Methoxychlor	35	µg/L	U	0.84 J, P	U	U	U	U	U	U	U	U	U	U	U
	Total Pesticides			4.8	10.8	3.1	0.065	0.369	20.6	0.041	ND	ND	ND	0.281	0.131	ND
	PCBs															
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	U	**58 P**	**0.62**	U	U	U	**0.26 J**	**0.42 J**	U	U	U	U
12672-29-6	Aroclor-1248	< 0.09	µg/L	**55**	**240 P**	**30**	U	**5.4**	**290 QSU D08 Z3**	U	U	U	**8.3**	U	U	**0.63**
11096-82-5	Aroclor-1260		µg/L	**22 J**	**130 P**	U	U	**2.6**	**210 QSU D08 Z3**	U	U	U	**5.7**	U	U	U
	Total PCBs			77	370	88	0.62	8.0	500	ND	0.26	0.42	14.0	ND	ND	0.63
	INORGANICS															
7429-90-5	Aluminum	NS	µg/L		4500	11200	89.0 B	U	357 B	1,180 CF6	U	U	630	U	87 J	U
7440-36-0	Antimony	3	µg/L		U	**4.8 B**	U	U	**7.8 J**	U	U	U	U	U	U	U
7440-38-2	Arsenic	25	µg/L		12.6	**27.7**	U	5.4 B	11.3	6.8 J	U	U	U	U	U	U
7440-39-3	Barium	1,000	µg/L		190 B	238	190	169	69.0	85.2	140	130	160 B	76	38	150
7440-41-7	Beryllium	3 (G)	µg/L		U	0.37 B	U	U	U	U	U	U	U	U	U	U
7440-43-9	Cadmium	5	µg/L		U	1.1 B	U	U	U	0.4 J	U	0.46 J	U	U	U	U
7440-70-2	Calcium	NS	µg/L		61,300	158,000	84,900	67,500	36,000 B	38,100	81,800 B	86,200 B	58,800	52,700	27,700	55,900
7440-47-8	Chromium	50	µg/L		21.7	**139**	U	1.5 B	10.7	31.9 CF6	2.8 J	1.2 J	2.1 J	1.1 J	U	1.9 J
7440-48-4	Cobalt	NS	µg/L		U	6.2 B	U	U	0.7 J	0.9 J	U	U	U	U	U	U
7440-50-8	Copper	200	µg/L		53	189	U	1.5 B	17.3	85.3 CF6	2.7 J	2.1 J	6.7 J	7.2 J	3.3 J	U
7439-89-6	Iron	300	µg/L		**15,200**	**29,800**	**8,990**	**6,210**	**1,790**	**4,040**	**7,100**	**7,200**	**4,800**	**1,400**	**460**	**4,100**
7439-92-1	Lead	25	µg/L		**35.8**	**65.1**	U	U	5.0	21.8 CF6	U	U	U	U	U	4.2 J
7439-95-4	Magnesium	35,000 (G)	µg/L		16,500	13,900	19,900	153,000	5,230	10,400	22,300	22,100	12,800	12,600	7,800	13,700
7439-96-5	Manganese	300	µg/L		**971**	**929 E**	**917**	**1,060**	222	**386**	**710**	**640**	**720**	510 B	200	**590**
7439-97-6	Mercury	0.7	µg/L		U	0.086 B	U	U	U	U	U	U	U	U	U	U
7440-02-0	Nickel	100	µg/L		33.7 B	**118**	U	2.9 B	5.9 J	20.2 CF6	U	2.6 J	3.0 J	2.3 J	U	U
7440-09-7	Potassium	NS	µg/L		25,300	21,900	19,000	18,800	28,400	20,400	15,900	14,000	17,600	10,800	7,200	20,100
7782-49-2	Selenium	10	µg/L		U	U	U	U	U	U	U	U	U	U	U	U
7440-22-4	Silver	50	µg/L		U	1.6 B	1.0 B	U	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20,000	µg/L		**88,800**	**60,400**	**67,100**	**78,300**	**61,400**	**51,200**	**49,800**	**37,700**	**69,600**	**31,900**	**18,000**	**68,000**
7440-28-0	Thallium	0.5 (G)	µg/L		U	U	U	U	U	U	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L		12.4 B	42.2 B	U	U	5.1	3.9 J	U	U	2.2 J	U	U	U
7440-66-6	Zinc	2,000 (G)	µg/L		126	399	U	3.9 B	36.9	63.1 CF6	1.8 J	9.9 J	8.2 J	11	4.4 J	3.5 J B
57-12-5	Cyanide	200	µg/L		15.3	6.5 B	U	U	U	8.6 J	U	U	7.4 J	U	U	7.3 J B
	Total Inorganics			NA	213,072	297,368	201,087	325,054	133,569	126,034	177,757	167,986	165,140	110,008	61,493	162,557

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundw
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance va
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detectio
D12 = Dilution required due to sample viscosity
D08 = Dilution required due to high concentration of target analyte(s)
D04 = Dilution required due to high levels of non-target compounds
QFL = Florisil clean-up (EPA 3620) performed on extract.
QSU = Sulfur (EPA 3660) clean-up performed on extract.
Z3 = Sample required dilution due to the nature of the sample matrix.
B = Compound was found in the blank and sample.

Appendix B-3b - Sump S-2 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID:	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2	S-2
			Lab Sample	G5094	H0919	H7397	J8486	M0296	N5019	Q3854	R7177	S7283	T6915	V4633	Z7442	A7430	B4251	E1137
			Source:	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OB	OB	OB	OB	OB
			SDG:	5116	6847	7810	9595	1516	3880	5490	7645	9259	739	2494	4203	5716	6968	6968
			Matrix:	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
			Sampled:	11/20/1997	2/19/1998	5/28/1998	10/22/1998	4/21/1999	11/10/1999	4/27/2000	12/14/2000	6/19/2001	12/12/2001	6/19/2002	12/17/2002	6/24/2003	12/15/2003	6/8/2004
CAS NO.	COMPOUND		UNITS:															
	VOLATILES																	
67-64-1	Acetone	50 (G)	µg/L	U	U	U	9 J, B	U	U	U	3 J	7 J	U	U	3 J, B	U	U	2 J, B
71-43-2	Benzene	1	µg/L	U	U	U	1 J	U	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	38	1 J	U	U	U	U	U	U	U	U	U
108-90-7	Chlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
75-00-3	Chloroethane	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	U	2 J	2 J	U	U	U	U	2 J	2 J	1 J	1 J	2 J	2 J
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	U	U	1 J	**6 J**	U	U	U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (tota	5	µg/L	**6 J**	2 J	U	2 J	**6 J**	**9 J**	U	3 J	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	U	2 J	U	1 J	U	U	U	U	U	U	U	U	U	U	U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1 J
75-09-2	Methylene chloride	5	µg/L	U	U	1	U	U	U	U	U	U	1 J, B	U	0.8 J, B	U	U	0.8 J, B
127-18-4	Tetrachloroethene	5	µg/L	U	1 J	U	1 J	U	U	U	U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	1 J	**11**	U	3 J	U	U	U	U	U	U	U	U	U	U	0.6 J
79-01-6	Trichloroethene	5	µg/L	U	U	U	U	1 J	2 J	U	U	U	U	U	U	U	U	U
75-01-4	Vinyl Chloride	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	2 J	**15**	U	**9 J**	3 J	U	U	U	U	U	3 J	U	1 J	U	1 J
	Total VOCs			11	33	1	29	56	12	ND	6	7	3	5	4.8	2	2	7.4
	SEMIVOLATILES																	
83-32-9	Acenaphthene	20 (G)	µg/L	U	U	U	2 J	1 J	1 J	U	U	U	U	U	U	U	U	U
208-96-8	Acenaphthylene	NS	µg/L	U	U	U	3 J	1 J	1 J	U	U	U	U	U	U	U	U	U
120-12-7	Anthracene	50(G)	µg/L	U	U	U	U	U	U	1 J	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	ND	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
117-81-7	bis(2-Ethylhexyl)phthala	5	µg/L	U	U	U	U	U	U	U	U	2 J	1 J, B	U	4 J	U	1 J	U
86-74-8	Carbazole	NS	µg/L	U	U	U	3 J	U	U	U	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
132-64-9	Dibenzofuran	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	1 J	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**45**	**38**	**18**	**39**	**6 J**	**8 J**	U	U	U	1 J	**16**	U	**6 J**	**2 J**	**7 J**
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
86-73-7	Fluorene	50 (G)	µg/L	U	U	U	1 J	1 J	1 J	U	U	U	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
91-57-6	2-Methylnaphthalene	NS	µg/L	U	2	U	3	U	U	U	U	U	U	U	U	U	U	U
95-48-7	2-Methylphenol	1	µg/L	**15**	**13**	**5 J**	**9 J**	U	**2 J**	U	U	U	U	**3 J**	U	1 J	U	U
106-44-5	4-Methylphenol	1	µg/L	**29**	**37**	**15**	**15**	U	**4 J**	U	U	U	U	**5 J**	U	4 J	U	**3 J**
91-20-3	Naphthalene	10 (G)	µg/L	1 J	5 J	3 J	**46**	U	U	U	U	U	U	3 J	U	U	U	U
99-09-2	3-Nitroaniline	5	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1 J
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	1 J	U	1 J	U	U	U	U	U	U	U	U	U
108-95-2	Phenol	1	µg/L	**3**	**10**	**2**	1	U	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
95-95-4	2,4,5-Trichlorophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Total SVOCs			93	105	43	123	9	18	2	ND	2	2	27	4	11	3	11
	PESTICIDES																	
309-00-2	Aldrin	ND	µg/L	U	0.0012 J, P	U	U	U	U	0.036 J, P	0.0013 J, P	U	U	0.046 J	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	0.0015 J, P	U	0.00081 J, P, B	U	0.0062 J, P	U	U	U	U	U	0.0032 J, P	U	U
319-85-7	beta-BHC	0.04	µg/L	U	U	0.019 J	U	U	U	U	U	U	0.0074 J, P	0.0047 J, P	U	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	U	U	0.0027 J, P	U	U	U	U	U	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	0.0074 J, P	U	U	U	U	U	U	U	U	U	U	U	U	**0.066 P**
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	0.0016 J, P	0.0017 J, P	0.0022 J, P	U	U	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	µg/L	0.0037 J, P	U	0.0092 J, P	0.0014 J, P	0.0018 J, P	U	U	0.0096 J, P	U	U	U	U	U	U	U
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	0.007 J, P	U	U	U	U	U	U	U	U
72-55-9	4,4'-DDE	0.2	µg/L	U	U	U	U	0.0024 J, P	U	U	0.00079 J, P	U	0.0027 J	U	U	U	U	U
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	0.00079 J, P, B	U	U	0.0082 J, P	U	U	0.0018 J, P	U	U	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	U	U	U	U	**0.088 J, P**	U	**0.018 J, P**	**0.014 J, P**	U	U	**0.0045 J, P**	U	U
959-98-8	Endosulfan I	NS	µg/L	U	U	U	U	U	0.0033 J, P, B	U	U	U	0.018 J	0.0038 J, P	0.026 J	0.015 J	U	0.012 J
33213-65-9	Endosulfan II	NS	µg/L	U	0.0065 J	0.0029 J, P	0.0021 J, P	0.0018 J, P	0.0011 J, P	U	0.004 J, P	U	U	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	0.0018 J, P	U	0.0046 J, P, B	0.0025 J, P, B	0.002 J, P	U	0.0036 J, P	U	U	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	U	U	0.011 J, P	U	0.0029 J, P	U	0.041 J, P	0.0041 J, P	0.022 J, P	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	0.0065 J	0.0017 J, P	U	U	0.0065 J, P	U	0.0087 J, P, B	U	U	0.0088 J, P, B	U	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	0.00068 J	0.00041 J, P	U	0.0037 J, P	U	U	0.0097 J, P	U	U	U	U	U
76-44-8	Heptachlor	0.04	µg/L	U	U	U	U	U	0.0025 J, P	U	U	U	U	U	U	U	U	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	0.00059 J, P	U	U	0.0039 J, P, B	0.00055 J, P	U	0.0038 J, P	U	U	0.0063 J, P	U	U
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Total Pesticides			0.0037	0.0169	0.0436	0.0186	0.0167	0.0106	0.1880	0.0386	0.0400	0.0643	0.0563	0.0260	0.0378	ND	0.0780
	PCBs																	
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	U	**0.41 J, P**	**0.48 J, P**	**0.47 J, P**	U	U	U	U	U	U	U	U	U	U
12672-29-6	Aroclor-1248	< 0.09	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11096-82-5	Aroclor-1260		µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Total PCBs			ND	ND	**0.41**	**0.48**	**0.47**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	INORGANICS																	
7429-90-5	Aluminum	NS	µg/L	341	302	383	142 B	211	281	44.7	180 B, E	85.6 B	309	707	221	266	215	119 B
7440-36-0	Antimony	3	µg/L	2.6 B	3 B	**3.6 B**	**7 B**	**4.7 B**	**3.4 B**	U	**3.7 B**	3 B	**3.1**	**3.9 B**	2.2 B	2.6 B	**3.5 B**	**4.1 B**
7440-38-2	Arsenic	25	µg/L	6.2 B	U	7.4 B	6.7 B	3.8 B	3.5 B	U	4 B	U	5	5.7 B	5.7 B	4.7 B	3 B	2.4 B
7440-39-3	Barium	1,000	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	60 B	50.6 B	48.5 B	37.6 B	39.4 B
7440-41-7	Beryllium	3 (G)	µg/L	U	U	U	U	0.14 B	0.06 B	U	0.3 B	U	0.1	0.13 B	U	U	U	U
7440-43-9	Cadmium	5	µg/L	U	U	U	U	U	U	U	U	U	0.37	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	117,000	93,700	98,600	171,000	156,000	135,000	70,400	147,000	109,000	135,000	144,000	104,000	116,000	88,400	99,000
7440-47-8	Chromium	50	µg/L	U	U	U	U	U	5 B, E	4 B	U	U	1.4	U	U	U	U	U
7440-48-4	Cobalt	NS	µg/L	U	U	U	U	U	U	U	U	U	1.1	U	U	U	U	U
7440-50-8	Copper	200	µg/L	2 B	1.7 B		2.1 B	0.96 B	1.2 B	1.3 B	4.1 B	0.7 B	0.88	6.2 B	2.8 B	1.8 B		
7439-89-6	Iron	300	µg/L	61.4 B	170	99.1 B	47.9 B	46.7 B	134	**2,640**	**491**	92.8 B	52.1	**960**	96.8 B	**438**	34.6 B	42.8 B
7439-92-1	Lead	25	µg/L	U	U	U	U	U	U	1.2 B	1.7 B	U	1.5	U	U	U	U	0.59 B
7439-95-4	Magnesium	35,000 (G)	µg/L	676 B	4,130 B	671 B	18.9 B	U	34.7 B	14,300	544 B	469 B	80.7	223 B	135 B	175 B	U	33.5 B
7439-96-5	Manganese	300	µg/L	0.4 B	3.2 B	0.62 B	U	U	1.6 B	**1,140**	69.5	7.2 B	1.8	34.9	3.3 B	27.7	U	2.6 B
7439-97-6	Mercury	0.7	µg/L	U	U	U	U	U	U	U	U	U	0.15	U	U	U	U	0.05 B
7440-02-0	Nickel	100	µg/L	2.5 B	U	1.4 B	1.4 B	2.3 B	6.7 B, E	4 B	2.1 B	1.8 B	3.7	U	U	U	1.2 B	1.8 B
7440-09-7	Potassium	NS	µg/L	43,700	29,900	33,900	36,200	45,600	43,500	20,800	42,100 E	47,200	49,400	42,200	40,400	44,300	36,900	40,900
7782-49-2	Selenium	10	µg/L	8.3	U	U	U	U	3.4 B	U	**10.4**	3.4 B	4.5	3.3 B	4.4 B	6.6	4.4 B	U
7440-22-4	Silver	50	µg/L	0.65 B	U	U	U	U	U	U	U	U	1	U	U	U	U	U
7440-23-5	Sodium	20,000	µg/L	**47,000**	**31,000**	**40,200**	**33,300**	**43,700**	**45900 E**	**114,000**	**48,100**	**68,100**	**64,100**	**63,200 E**	**50,900**	**64,400**	**50,100**	**63,400**
7440-62-2	Vanadium	NS	µg/L	21.2 B	10.1 B	11.3 B	8.1 B	13.9 B	34.9 B, E	1.1 B	55.6	19 B	24.8 B	14 B	44.8 B	14.6 B	25.6 B	13.8 B
7440-66-6	Zinc	2,000 (G)	µg/L	2.8 B	3.6 B	10.6 B	7.7 B	4.3 B	3.6 B	4 B	1.8 B	3.5 B	2 B	28.9	3.4 B	5 B	U	3 B
57-12-5	Cyanide	200	µg/L	48.3	U	12.9	80	52.3	27.1	U	39.7	50.3	40.5	16.9	39.4	49	50	46.9
	Total Inorganics			208,937	159,261	173,949	240,899	245,712	225,008	223,550	238,722	225,081	249,078	251,464	195,909	225,740	175,775	203,610

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.
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
ID7 = 4-Methylphenol concentration is the sum of 3- and 4-Methylphenol.
B = Compound was found in the blank and sample.

Appendix B-3b - Sump S-2 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	S-2 0508015-007A OB 200508 Water 8/2/2005	S-2 0603095-003A LSL-BL 6030950 Water 3/21/2006	S-2 A7E985012 TA A07-E985 Water 12/27/2007	S-2 A8E30606 TA A08-E150 Water 11/10/2008	S-2 RSI0312-02 TA RSI0296 Water 9/9/2009	S-2 RTF0860-03 TA RTF0798 Water 6/11/2010	S-2 480-2227-2 TA 480-2185 Water 3/4/2011	S-2 480-14339-2 TA 480-14339 Water 12/21/2011	S-2 480-23637-2 TA 480-23637 Water 8/8/2012	S-2 480-38452-4 TA 480-38452 Water 5/16/2013	S-2 480-56862-2 TA 480-38452 WATER 3/28/2014	S-2 480-70664-4 TA 480-38452 WATER 11/4/2014
CAS NO.	COMPOUND		UNITS:												
	VOLATILES														
67-64-1	Acetone	50 (G)	µg/L	13 B	5 J, B	U	U	U	U	U	U	4.3 J	U	U	U
71-43-2	Benzene	1	µg/L	U	U	U	U	0.49 J	U	U	U	0.44 J	U	U	0.80 J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	0.42 J
108-90-7	Chlorobenzene	5	µg/L	U	U	U	U	U	U	U	1.8	U	U	U	U
75-00-3	Chloroethane	5	µg/L	U	U	U	U	U	U	U	0.52 J	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	1 J	2 J	U	U	2.2	2.6 DO3, J	0.69 J	0.40 J	1.0	1.1	1.1	1.1
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (tota	5	µg/L	U	U	U	U	U	U	7.1	2.1	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	0.9 J, B	1 J, B	U	U	U	U	U	U	U	U	U	U
127-18-4	Tetrachloroethene	5	µg/L	U	U	U	U	U	U	U	U	0.44 J	U	U	U
108-88-3	Toluene	5	µg/L	U	U	U	U	0.68 J	U	U	U	U	U	U	U
79-01-6	Trichloroethene	5	µg/L	U	U	U	U	U	U	1.2	U	U	U	U	0.80 J
75-01-4	Vinyl Chloride	3	µg/L	U	U	U	U	U	U	1.1	U	U	U	U	3.8
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	1.8 J	U	U	U	U	U	U	U
	Total VOCs			14.9	8	ND	ND	5.17	2.6	10.09	4.82	6.18	1.1	1.1	6.92
	SEMIVOLATILES														
83-32-9	Acenaphthene	20 (G)	µg/L	U	U	0.3 J	U	U	0.59 J	0.71 J	1.1 J	0.73 J	U	U	0.49 J
208-96-8	Acenaphthylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
120-12-7	Anthracene	50(G)	µg/L	U	U	U	U	U	U	U	U	0.29 J	U	U	U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	3 J	U	U	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	ND	µg/L	3 J	U	U	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	**6 J**	U	U	U	U	U	U	U	U	U	U	**0.65 J**
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	**2 J**	U	U	U	U	U	U	U	U	U	U	U
117-81-7	bis(2-Ethylhexyl)phthala	5	µg/L	**10 J**	U	U	U	U	U	U	U	U	U	U	3.5 J
86-74-8	Carbazole	NS	µg/L	U	U	U	U	U	U	U	2.2 J	0.91 J	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	**2 J**	U	U	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	1 J	0.4 J, B	U	U	U	0.82 J,B	2.3 J	1.3 J	3.3 J	2.3 J B	0.29 J
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	0.53 J	U	U	U	U
132-64-9	Dibenzofuran	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	1.1 J	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	20	U	U	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**4 J**	**7 J**	U	**6**	**15**	U	U	**3.7 J**	**21**	**5.8**	U	**5.5**
131-11-3	Dimethyl phthalate	50 (G)	µg/L	3.8 J	U	U	U	U	U	U	48	7.2	36	2.1 J	U
206-44-0	Fluoranthene	50 (G)	µg/L	4 J	U	0.3 J	U	U	U	U	U	0.39 J	U	U	U
86-73-7	Fluorene	50 (G)	µg/L	U	U	0.2 J	U	U	U	U	0.42 J	0.58 J	U	U	0.40 J
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	**1 J**	U	U	U	U	U	U	U	U	U	U	U
91-57-6	2-Methylnaphthalene	NS	µg/L	U	U	U	U	U	U	U	U	1.6 J	U	U	U
95-48-7	2-Methylphenol	1	µg/L	U	1 J	U	0.8 J	**4.6 J**	U	U	U	U	0.86 J	U	**1.3 J**
106-44-5	4-Methylphenol	1	µg/L	U	3 J	U	1 J	**10 ID7**	U	U	U	**5.5 J**	U	U	**2.2 J**
91-20-3	Naphthalene	10 (G)	µg/L	U	1 J	U	U	2.2 J	U	U	U	1.7 J	U	U	1.1 J
99-09-2	3-Nitroaniline	5	µg/L	U	U	U	U	U	0.53 J	U	U	U	U	U	U
100-02-7	4-Nitrophenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	0.3 J	U	U	0.69 J	U	U	0.65 J	0.49 J	0.45 J	0.61 J
108-95-2	Phenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	0.51 J
129-00-0	Pyrene	50 (G)	µg/L	6 J	U	0.2 J	U	U	U	U	U	0.48 J	U	U	U
95-95-4	2,4,5-Trichlorophenol	1	µg/L	U	U	U	U	U	0.89 J	U	U	U	U	U	0.45 J
	Total SVOCs			64.8	13	1.7	6.5	31.8	2.70	1.53	59.35	42.33	46.45	4.85	17.00
	PESTICIDES														
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	0.013 QSU, J	U	U	U	U	U	**0.011 J B**
319-85-7	beta-BHC	0.04	µg/L	U	0.0026 J, P	U	U	U	U	U	U	U	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	0.018 J, P, B	U	0.032 J B	U	U	U	U	U	0.014 J	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.003 J, P	0.00066 J, P	U	0.033 J	U	0.011 QSU, J	U	U	U	0.015 J	U	U
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	µg/L	0.038 J, P	U	U	U	U	U	U	U	U	0.013 J	0.016 J	U
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	U	U	U	0.12 B	U	U
72-55-9	4,4'-DDE	0.2	µg/L	0.074 J	U	U	U	0.024 J	U	U	U	U	0.021 J	U	U
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	**0.036 J**	U	U	U	U	U	0.023 J	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
959-98-8	Endosulfan I	NS	µg/L	0.039 J, P	0.015 J	0.0050 J	0.063	U	U	U	U	U	0.11	U	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	0.022 J, P	U	U	U	U	U	U	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	0.027 J, P	U	U	U	U	U	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	U	0.0015 J, P	U	U	U	U	U	U	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
76-44-8	Heptachlor	0.04	µg/L	U	U	0.023 J	0.032 J	U	0.011 QSU, J	U	U	U	0.022 J	0.039 J	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	U	U	U	U	0.0089 J	U	U
72-43-5	Methoxychlor	35	µg/L	1.3 P	U	U	U	U	U	U	U	U	U	U	U
	Total Pesticides			1.5030	0.0378	0.0280	0.196	0.024	0.035	ND	ND	ND	0.3469	0.0550	0.0110
	PCBs														
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	U	**0.33 J**	**0.41 J**	U	U	U	**0.46 J**	**0.46 J**	U	U	U
12672-29-6	Aroclor-1248	< 0.09	µg/L	**4.9**	U	U	U	U	U	U	U	U	U	U	U
11096-82-5	Aroclor-1260		µg/L	**2**	U	U	U	U	U	U	U	U	U	U	U
	Total PCBs			6.9	ND	0.33	0.41	ND	ND	ND	0.46	0.46	ND	ND	ND
	INORGANICS														
7429-90-5	Aluminum	NS	µg/L	173 B	308	206	161 B	159 B, J	176 J	94 J	U	460	140 J	6.8 J	280
7440-36-0	Antimony	3	µg/L	2.5 B	**3.6 B**	U	U	U	U	U	U	U	U	U	U
7440-38-2	Arsenic	25	µg/L	3.5 B	3.2 B	U	6.1 B	U	U	U	U	U	U	U	U
7440-39-3	Barium	1,000	µg/L	310	34.8	39.0	41.0	35.5	30.8	23	100	110 B	38	2.7	33
7440-41-7	Beryllium	3 (G)	µg/L	U	U	0.38 B	0.44 B	U	U	U	U	U	U	U	U
7440-43-9	Cadmium	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	539,000	83,700	61,800	86,400	74,400 B	72,500	18,700 B	83,100 B	65,800	84,600	49,200	66,200
7440-47-8	Chromium	50	µg/L	6.6 B	U	U	U	0.9 J	1.3 J	U	3.7 J	1.6 J	5.1	U	5.6
7440-48-4	Cobalt	NS	µg/L	U	U	U	U	U	U	U	U	U	0.82 J	U	U
7440-50-8	Copper	200	µg/L	3.8 B	3.8 B	2.9 B	U	2.8 J	21.6 CF6	9.9 J	2.8 J	7.8 J	U	U	U
7439-89-6	Iron	300	µg/L	**8,190**	**705**	42.3 B	**44.7 B**	78	**470 CF6**	**740**	**4,700**	3,400	**7,600**	110	300
7439-92-1	Lead	25	µg/L	U	U	U	U	U	U	U	3.3 J	U	U	U	4.1 J
7439-95-4	Magnesium	35,000 (G)	µg/L	3320 B	70.1 B	77.5 B	U	U	U	2,500	17,600	7,400	430	980	370
7439-96-5	Manganese	300	µg/L	**1,510**	3.9 B, E	0.45 B	U	0.6 J	2.8 J	41	**540**	**430**	200 B	8	4
7439-97-6	Mercury	0.7	µg/L	0.025 B	0.011 B	U	0.122 B	U	U	U	U	U	U	U	U
7440-02-0	Nickel	100	µg/L	55.4	3.1 B	U	1.8 B	1.8 J	U	1.9 J	7.8 J	2.6 J	31	1.8 J	1.3 J
7440-09-7	Potassium	NS	µg/L	49,200	38,100	36,400	40,300	39,700	42,300	29,100	15,800	27,600	38,100	37,500	36,100
7782-49-2	Selenium	10	µg/L	U	U	7.7 B	U	U	U	U	U	U	U	U	U
7440-22-4	Silver	50	µg/L	U	U	1.3 B	U	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20,000	µg/L	**68,500**	**57,400**	**44,900**	**64,000**	**56,700**	**59,800**	**46,400**	**33,900**	**63,200**	**45,400**	**46,800**	**46,200**
7440-62-2	Vanadium	NS	µg/L	7.2 B	12.6 B	72.4	19.1	13.3	11.5	27	1.6 J	9.1	4.2 J	6.1	11
7440-66-6	Zinc	2,000 (G)	µg/L	88.7	84.7	U	5.1 B	2.8 J	3.4 J	6.5 J	46	20	19	1.6 J	3.2
57-12-5	Cyanide	200	µg/L	34.6	38.6	0.031	0.060	U	63.9	18	U	29	21	3.5	34
	Total Inorganics			670,405	180,471	143,550	190,979	171,095	175,381	97,661	155,805	168,470	176,589	176,589	176,589

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Gr
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guida
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting
J = Result is less than the Reporting Limit but greater than or equal to the Method D
ID7 = 4-Methylphenol concentration is the sum of 3- and 4-Methylphenol.
B = Compound was found in the blank and sample.

Appendix B-3c - Sump S-3 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID:	S-3	S-3	S-3	S-3	S-3	S-3	S-3	S-3	S-3	S-3	S-3	S-3	S-3	S-3
			Lab Sample	G5120	H0920	H7393	J8339	M0189	N4873	Q3848	R7148	S7282	T6807	V4307	Z9835	A7428	B4290
			Source:	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OB	OB	OB	OB
			SDG:	5116	6847	7810	9571	1489	3856	5490	7645	9259	724	2494	4203	5716	6968
			Matrix:	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
			Sampled:	11/20/1997	2/18/1998	5/27/1998	10/21/1998	4/19/1999	11/8/1999	4/26/2000	12/13/2000	6/19/2001	12/11/2001	6/17/2002	12/19/2002	6/24/2003	12/16/2003
CAS NO.	COMPOUND		UNITS:														
	VOLATILES																
67-64-1	Acetone	50 (G)	µg/L	U	7 J	U	6 J	5 J	U	U	7 J	4 J	U	U	4 J, B	U	U
71-43-2	Benzene	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	8 J	2 J	U	U	U	U	U	U	U	U
108-90-7	Chlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	2 J	U	3 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	U	U	U	2 J	U	U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (tota	5	µg/L	2 J	2 J	U	U	2 J	U	U	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	U	4 J	U	U	U	U	U	U	U	U	U	U	U	U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	1 J	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	2 J	1 J, B	U	U	U	U	2 J, B	1 J	1 J, B	0.5 J	U
127-18-4	Tetrachloroethene	5	µg/L	1 J	2 J	1 J	U	U	U	U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	1 J	**17**	4 J	U	1 J	U	U	U	1 J	0.7 J	U	U	0.7 J	U
79-01-6	Trichloroethene	5	µg/L	U	1 J	U	U	U	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	3 J	**25**	**9 J**	U	4 J	3 J	4 J	2 J	4 J	2 J	3 J	U	1 J	0.9 J
	Total VOCs			9	60	16	8	26	7	6	11	11	6.7	6	8	4.2	2.9
	SEMIVOLATILES																
95-95-4	2,4,5-Trichlorophenol	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
83-32-9	Acenaphthene	20 (G)	µg/L	U	U	U	U	3 J	2 J	U	U	1 J	U	U	U	U	U
208-96-8	Acenaphthylene	NS	µg/L	U	U	U	U	4 J	2 J	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**94 J, D**	1 J
50-32-8	Benzo[a]pyrene	ND	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	79 J, D	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**110 J, D**	**2 J**
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**93 J, D**	U
117-81-7	bis(2-Ethylhexyl)phthala	5	µg/L	U	U	**7 J**	U	U	U	U	U	U	U	U	U	**140 J, D**	2 J
86-74-8	Carbazole	NS	µg/L	U	U	U	U	2 J	1 J	U	U	U	U	U	U	U	U
218-01-9	Chrysene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**92 J, D**	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
132-64-9	Dibenzofuran	NS	µg/L	U	U	U	U	2 J	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**43**	**54**	**43**	U	**28**	**13**	**12**	**4 J**	**14**	**10**	**19**	U	U	**6 J**
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**210 J, D**	2 J
86-73-7	Fluorene	50 (G)	µg/L	U	U	U	U	2 J	2 J	U	1 J	U	U	U	U	U	U
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
91-57-6	2-Methylnaphthalene	NS	µg/L	1 J	2 J	2 J	U	4 J	2 J	U	U	U	U	1 J	U	U	U
95-48-7	2-Methylphenol	1	µg/L	**16**	**19**	**15**	U	**10 J**	**8 J**	**6 J**	**2 J**	**10**	U	**14**	U	U	1 J
106-44-5	4-Methylphenol	1	µg/L	**49**	**58**	**44**	U	**25**	**20**	**15**	U	**22**	**3 J**	**33**	U	U	**4 J**
91-20-3	Naphthalene	10 (G)	µg/L	3 J	6 J	5 J	U	**40**	**13**	6 J	U	5 J	4 J	7 J	U	U	U
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	1 J	U	2 J	2 J	U	U	1 J	1 J	U	U	U	U
108-95-2	Phenol	1	µg/L	**6 J**	**18**	**5 J**	U	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**290 J, D**	3 J
	Total SVOCs			118	157	122	ND	122	65	39	7	53	18	74	ND	1108	21
	PESTICIDES																
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	0.0029 J, P	0.002 J, P	U	U	0.036 J, P	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
319-85-7	beta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U	U	U	0.0053 J, P	U	U	0.024 J, P
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	0.017 J, P
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**0.39 P**	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	0.019 J, P	0.003 J, P	0.00072 B, J, P	0.0032 J, P	U	U	U	0.012 J, P	U	**0.13 P**	U	U
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	0.00049 J, P	U	0.0013 J, P	0.0032 J, P	U	U	U	U	**8 P**	U
72-55-9	4,4'-DDE	0.2	µg/L	U	U	0.0047 J, P	0.0024 J, P	U	U	U	U	U	U	U	0.18 P	**2.8 P**	0.092 J, P
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	0.00077 J, P	U	U	0.0052 J, P	U	0.0058 J	0.0097 J, P	U	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	**0.0044 J, P**	U	0.00047 J, P	U	U	U	U	**0.018 J**	U	**0.21**	**2.4 P**	U
959-98-8	Endosulfan I	NS	µg/L	U	U	0.0032 J, P	U	U	U	U	0.0078 J, P	U	0.0038 J, P	0.0064 J, P	0.059 P	2.2 P	0.025 J, P
33213-65-9	Endosulfan II	NS	µg/L	U	0.0059 J	U	0.005 J, P	0.00084 J, P	0.0023 J	U	U	0.008 J, P	U	U	U	1.6 P	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	0.0017 J, P	0.068 J, P	0.0069 B, J, P	0.0014 J, P	U	U	U	U	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	U	U	0.36 P	U	U	U	U	0.0087 J	U	0.012 J, P	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U	0.0075 J	0.0016 J	U	U	0.0061 J	U	0.011 B, J, P	U	0.07 J, P	0.72 P, B	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U	U	U	U	U	U	U	0.003 J, P	U	U	U	0.1 P
76-44-8	Heptachlor	0.04	µg/L	U	0.0082 J, P	U	U	U	U	U	U	U	0.0017 J, P	0.0046 J	U	**0.85 P**	**0.041 P, J**
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	0.00073 J	0.0026 J, P	U	U	U	U	0.002 J, P	U	U	**0.2 P, J**	U
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Total Pesticides			ND	0.0158	0.4593	0.02553	0.00889	0.0055	0.0042	0.033	0.008	0.0693	0.062	0.649	19.16	0.299
	PCBs																
	Aroclor-1016		µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Aroclor-1232		µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12672-29-6	Aroclor-1248	< 0.09	µg/L	U	U	U	U	U	U	U	U	U	U	U	**13**	**130 P**	**5.2 P**
11096-82-5	Aroclor-1260		µg/L	U	U	**0.82 J, P**	U	**0.52 J, P**	U	U	U	U	U	U	U	U	U
	Total PCBs			ND	ND	0.82	ND	0.52	ND	ND	ND	ND	ND	ND	13	130	5.2
	INORGANICS																
7429-90-5	Aluminum	NS	µg/L	620	415	460	100 B	298	382	443	280 E	534	556	388	497	536	489
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**
7440-38-2	Arsenic	25	µg/L	9.2 B	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
7440-39-3	Barium	1,000	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
7440-41-7	Beryllium	3 (G)	µg/L	U	U	U	U	U	0.18 B	U	0.26 B	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	126,000	136,000	113,000	112,000	151,000	145,000	169,000	201,000	145,000	132,000	106,000	91,800	107,000	85,100
7440-47-8	Chromium	50	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7440-50-8	Copper	200	µg/L	1.4 B	1.4 B	1 B	4.6 B	1.1 B	U	0.75 B	1.4 B	U	U	U	U	1.2 B	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
7439-92-1	Lead	25	µg/L	U	U	U	U	U	U	U	1.7 B	U	U	U	U	U	U
7439-95-4	Magnesium	35,000 (G)	µg/L	27.4 B	53.6 B	U	546 B	46.8 B	60.7 B	121 B	2,140 B	282 B	213 B	317 B	152 B	131 B	182 B
7439-96-5	Manganese	300	µg/L	0.7 B	U	U	14.8 B	U	0.39 B	U	4.1 B	8.2 B	U	6.6 B	0.92 B	4.5 B	5.1 B
7439-97-6	Mercury	0.7	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	0.06 B	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 B, E	U	2.1 B	2.3 B	3.2 B	U	U	U	3.4 B
7440-09-7	Potassium	NS	µg/L	53,000	44,700	47,400	38,500	47,100	48,500	54,100	53600 E	49,900	48,800	43,100	41,300	44,600	37,400
7782-49-2	Selenium	10	µg/L	8.1	U	U	U	U	5.3	U	**26**	3.6 B	4.4 B	2.5 B	2.8 B	6	3.3 B
7440-22-4	Silver	50	µg/L	0.85 B	U	U	U	U	U	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20,000	µg/L	**51,500**	**45,600**	**49,400**	**32,500**	**44,300**	**46,200 E**	**61,300**	**54,200**	**72,400**	**63,600**	**64,700 E**	**55,900**	**64,800**	**52,200**
7440-62-2	Vanadium	NS	µg/L	20.9 B	13.1 B	14.2 B	5.5 B	16.5 B	12.6 B, E	15.1 B	45 B	19.2 B	15.7 B	16.9 B	27.5 B	16 B	16 B
7440-66-6	Zinc	2,000 (G)	µg/L	4.3 B	4.9 B	8.4 B	26.1	U	6.3 B	3.4 B	1.2 B	3.8 B	U	23.6	2.2 B	17 B	35.6
57-12-5	Cyanide	200	µg/L	49.5		32.5	69	15.6	25.3	39.9	23	28.2	47.9	40.6	49.9	40.2	40.6
	Total Inorganics			231,378	226,865	210,419	184,548	242,908	240,331	285,145	311,461	268,356	245,327	214,671	189,839	217,322	175,632

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.
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
CF6 = Results confirmed by reanalysis
* = RPD of the LCS and LCSD exceeds the control limits
ID7 = 4-Methylphenol concentration is the sum of 3- and 4-Methylphenol.
B = Compound was found in the blank and sample.

Appendix B-3c - Sump S-3 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	S-3 E1070 OB 6968 Water 6/7/2004	S-3 0508015-005A OB 200508 Water 8/2/2005	S-3 0603095-004A LSL-BL 6030950 Water 3/21/2006	S-3 A7E985013 TA A07-E985 Water 12/27/2007	S-3 A8E30607 TA A08-E150 Water 11/10/2008	S-3 RSI0312-03 TA RSI0296 Water 9/9/2009	S-3 RTF0860-04 TA RTF0798 Water 6/11/2010	S-3 480-2227-3 TA 480-2185 Water 3/4/2011	S-3 480-14339-3 TA 480-14339 Water 12/21/2011	S-3 480-23637-3 TA 480-23637 Water 8/8/2012	S-3 480-38452-1 TA 480-38452 Water 5/16/2013	S-3 480-56862-3 TA 480-38452 WATER 3/28/2014	S-3 480-70664-5 TA 480-38452 WATER 11/4/2014
CAS NO.	COMPOUND		UNITS:													
	VOLATILES															
67-64-1	Acetone	50 (G)	µg/L	3 J, B	5 J, B	2 J, B	U	U	2.1 J	U	U	U	U	U	3.3 J	U
71-43-2	Benzene	1	µg/L	U	U	U	U	U	U	U	U	U	0.50 J	U	U	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
108-90-7	Chlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	2 J	U	U	1.5	U	2.0	1.8	2.2	1.8	0.50 J	1.9
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	0.5 J	U	U	U	U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (tota	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	2 J	U	1 J	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	0.7 J, B	0.8 J, B	1 J, B	U	U	U	U	U	U	U	U	U	U
127-18-4	Tetrachloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	0.49 J	U	U	0.39 J
108-88-3	Toluene	5	µg/L	0.8 J	1 J	U	U	U	U	U	0.67 J	0.68 J	0.94 J	U	U	0.69 J
79-01-6	Trichloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	1 J	2 J	U	U	U	1.0 J	U	0.95 J	1.7 J	2.5	U	U	1.7 J
	Total VOCs			9.5	11.3	6	ND	ND	4.6	ND	3.62	4.18	6.63	1.8	3.80	4.68
	SEMIVOLATILES															
95-95-4	2,4,5-Trichlorophenol	NS	µg/L	U	U	U	U	U	U	U	U	U	U	0.52 J	U	U
83-32-9	Acenaphthene	20 (G)	µg/L	1 J	U	U	0.5 J	0.6 J	U	0.69 J	0.51 J	0.65 J	0.74 J	U	0.44 J	0.66 J
208-96-8	Acenaphthylene	NS	µg/L	U	U	U	0.2 J	0.4 J	U	U	U	U	U	U	U	U
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	5 J	1.3 J	U	0.2 J	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	ND	µg/L	4 J	1.9 J	1 J	U	U	U	U	U	U	U	U	U	U
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	**6 J**	**3.7 J**	**1 J**	U	U	U	U	U	U	U	U	U	0.65 J
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	3 J	1 J	U	U	U	U	U	U	U	U	U	U	U
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	**4 J**	**1.7 J**	U	U	U	U	U	U	U	U	U	U	U
117-81-7	bis(2-Ethylhexyl)phthala	5	µg/L	**15 J**	**18**	**6 J**	U	U	U	U	2.6 J,B	U	U	U	U	3.4 J
86-74-8	Carbazole	NS	µg/L	U	U	U	U	0.5 J	U	0.54 J	0.42 J	0.48 J	0.49 J	U	U	0.39 J
218-01-9	Chrysene	0.002 (G)	µg/L	**4 J**	**1.2 J**	U	U	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	1 J	0.3 J B	0.7 J B	U	U	0.92 J,B	U	0.39 J	0.49 J	0.56 J B	0.31 J
	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	2.5 J
132-64-9	Dibenzofuran	NS	µg/L	U	U	U	U	0.3 J	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	0.8 J B	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**13**	**28**	**26**	**4 J**	**14**	**11**	**8.9**	**7.3**	**10**	**11**	**18**	**22**	**18**
206-44-0	Fluoranthene	50 (G)	µg/L	7 J	1.5 J	U	0.3 J	0.4 J B	U	U	0.44 J	U	U	U	U	U
86-73-7	Fluorene	50 (G)	µg/L	U	U	U	0.4 J	0.6 J	U	U	0.59 J *	0.37 J	0.65 J	U	U	0.56 J
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	**2 J**	U	U	U	U	U	U	U	U	U	U	U	U
91-57-6	2-Methylnaphthalene	NS	µg/L	U	1 J	U	0.3 J	0.6 J B	U	U	U	0.70 J	0.67 J	U	U	U
95-48-7	2-Methylphenol	1	µg/L	U	**8.4 J**	**9 J**	0.6 J	**3 J**	**3.5 J**	**8.5**	**7.1**	**8.8**	**5.1**	**7.2**	**7.1**	**13**
106-44-5	4-Methylphenol	1	µg/L	U	**19**	21	1 J	**6**	**7.4 J ID7**	**22**	**15**	**19**	**6.7 J**	**16**	**16**	**25**
91-20-3	Naphthalene	10 (G)	µg/L	U	4 J	4 J	1 J	2 J B	1.2 J	2.1 J	1.8 J	3.0 J	2.9 J	1.9 J	2.8 J	1.7 J
85-01-8	Phenanthrene	50 (G)	µg/L	U	U	U	0.8 J	0.9 J B	U	0.93 J	0.86 J	U	0.92 J	0.60 J	0.55 J	0.82 J
108-95-2	Phenol	1	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	17	8.6 J	U	U	0.2 J	U	U	0.40 J	U	U	U	U	U
	Total SVOCs			81	99.3	69	9.6	31.0	23.1	43.66	37.94	43.00	29.56	44.71	49.45	66.99
	PESTICIDES															
309-00-2	Aldrin	ND	µg/L	U	U	0.0039 J, P	U	U	U	U	U	U	U	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	0.0015 J, P	U	U	U	U	U	U	U	U	U	U	0.022 J B
319-85-7	beta-BHC	0.04	µg/L	U	0.026 J, P	0.0093 J, P	U	U	U	U	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.041 J, P	0.021 J, P	0.018 J, P	U	0.038 J	0.026 J	0.013 QSU, J	U	U	U	0.014 J	0.012 J	U
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	0.0022 J, P	U	U	U	U	0.013 QSU, J	U	U	U	0.012 J	U	U
72-54-8	4,4'-DDD	0.3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
72-55-9	4,4'-DDE	0.2	µg/L	0.1	**0.26**	0.12 P	U	U	U	U	U	U	U	0.020 J	U	U
50-29-3	4,4'-DDT	0.2	µg/L	U	U	U	U	0.041 J	0.028 J	U	U	U	U	U	U	U
60-57-1	Dieldrin	0.004	µg/L	**0.092 B, J, P**	U	U	U	U	U	U	U	U	U	U	U	U
959-98-8	Endosulfan I	NS	µg/L	0.033 J, P	0.062 P	0.035 J, P	U	0.051	U	U	U	U	U	U	U	U
33213-65-9	Endosulfan II	NS	µg/L	0.0067 J, P	U	U	U	U	U	U	U	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	0.021 J, P	0.0057 J, P	U	U	U	U	U	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	0.066 J, P	0.095 J, P	0.066 J	U	U	U	U	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	0.11 P	0.087 J, P	U	U	U	U	U	U	U	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	0.009 J, P	0.0072 J, P	U	U	U	U	U	U	U	U	U	U
76-44-8	Heptachlor	0.04	µg/L	**0.07 P**	0.092 P	U	0.023 J	**0.080**	0.016 J	U	U	U	U	0.0091 J	0.018 J	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	**0.29 P**	U	U	0.027 J B	U	U	U	U	U	U	U	U
72-43-5	Methoxychlor	35	µg/L	U	0.038	0.068	U	U	U	U	U	U	U	U	U	U
	Total Pesticides			0.5187	1.0047	0.3331	0.023	0.237	0.070	0.026	ND	ND	ND	0.0551	0.030	0.022
	PCBs															
	Aroclor-1016		µg/L	U	U	U	U	U	U	U	U	U	U	U	**0.25 J**	U
	Aroclor-1232		µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**0.74**
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	U	U	**0.39 J**	**0.44 J**	U	**0.20 QSU, J**	U	**0.30 J**	**0.93**	**0.24 J**	U	U
12672-29-6	Aroclor-1248	< 0.09	µg/L	U	**14**	**4.8 P**	U	U	U	U	**0.41 J**	U	U	U	U	U
11096-82-5	Aroclor-1260		µg/L	**2.8**	U	**2.1**	U	U	U	U	**0.29 J**	U	U	U	U	U
	Total PCBs			2.8	14	6.9	0.39	0.44	ND	0.20	0.70	0.30	0.93	0.24	0.25	0.74
	INORGANICS															
7429-90-5	Aluminum	NS	µg/L	343	397	271	474	496	309 B	308	280	200	290	320	200	370
7440-36-0	Antimony	3	µg/L	**6.2 B**	2.6 B	**3.2 B**	U	U	U	U	U	U	U	U	U	U
7440-38-2	Arsenic	25	µg/L	4.9 B	5.2 B	4.4 B	5.7 B	7.9 B	U	7.0 J	U	U	6.4 J	5.7 J	U	U
7440-39-3	Barium	1,000	µg/L	34.6 B	36.1 B	29 B	34.9	34.9	27.8	30	24	24	29 B	33	33	34
7440-41-7	Beryllium	3 (G)	µg/L	U	U	U	0.38 B	0.40 B	U	U	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	93,600	86,300	72,800	63,000	74,100	59,100 B	59,600	52,200 B	45,400 B	54,100	57,600	54,600	60,500
7440-47-8	Chromium	50	µg/L	U	U	U	1.6 B	1.3 B	U	U	1.7 J	U	U	1.5 J	U	U
7440-50-8	Copper	200	µg/L	1.1 B	U	U	U	1.6 B	U	U	2.3 J	1.7 J	U	4.4 J	U	U
7439-89-6	Iron	300	µg/L	86.6 B	86 B	153	20.5 B	118	26 J	36 J	300	55	37 J	64	41 J	52
7439-92-1	Lead	25	µg/L	1 B	U	U	U	U	U	U	U	U	U	U	U	5.8
7439-95-4	Magnesium	35,000 (G)	µg/L	532 B	72.7 B	343 B	557	193 B	56 J	77 J	U	77 J	U	240	1,000	560
7439-96-5	Manganese	300	µg/L	2.4 B	0.45 B	0.72 B, E	0.79 B	0.94 B	1.0 J	0.2 J	2.3 J	0.55 J	U	0.79 J B	3.2	9.9
7439-97-6	Mercury	0.7	µg/L	U	0.027 B	U	U	U	U	U	U	U	U	U	U	U
7440-02-0	Nickel	100	µg/L	10.3 B	5.5 B	4 B	2.2 B	2.0 B	2.6 J	1.4 J	1.6 J	1.9 J	1.4 J	1.9 J	U	U
7440-09-7	Potassium	NS	µg/L	44,700	47,000	39,400	38,700	39,700	41,000	43,500	35,300	35,100	39,900	42,900	36,800	44,400
7782-49-2	Selenium	10	µg/L	U	U	3.3 B	**12.3 B**	U	U	U	U	U	U	U	U	U
7440-22-4	Silver	50	µg/L	U	U	1.2 B	1.5 B	U	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20,000	µg/L	**70,400**	**67,000**	**60,700**	**48,900**	**61,500**	**58,500**	**61,100**	**51,700**	**47,100**	**51,800**	**54,000**	**41,700**	**54,700**
7440-62-2	Vanadium	NS	µg/L	17 B	10.1 B	10.6 B	39.1	22.4	15.6	11.8	35	39	16	33	7.4	12
7440-66-6	Zinc	2,000 (G)	µg/L	5.5 B	9.8 B	24.4	U	U	33.3	2.1 J	3.0 J	U	U	2.2 J	2.1 J	U
57-12-5	Cyanide	200	µg/L	48.2	39.9	50.6	0.045	0.022	46.5 CF6	62.9 CF6	44	49	66	54	U	36 B
	Total Inorganics			209,793	200,965	173,798	151,750	176,178	159,118	164,736	139,894	128,048	146,246	155,260	134,387	160,680

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for G
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guid
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reportin
J = Result is less than the Reporting Limit but greater than or equal to the Method D
CF6 = Results confirmed by reanalysis
* = RPD of the LCS and LCSD exceeds the control limits
ID7 = 4-Methylphenol concentration is the sum of 3- and 4-Methylphenol.
B = Compound was found in the blank and sample.

Appendix B-3d - Sump S-4 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID:	S-4	S-4	S-4	S-4	S-4	S-4	S-4	S-4	S-4	S-4	S-4	S-4	S-4	S-4
			Lab Sample	G5118	H1025	H7398		M0297	N5018	Q4028	R7178	S7279	T6910	V4635	Z7445	A7427	B4293
			Source:	OBG	OBG	OBG		OBG	OBG	OBG	OBG	OBG	OBG	OB	OB	OB	OB
			SDG:	5116	6857	7810		1516	3880	5512	7645	9259	739	2494	4203	5716	6968
			Matrix:	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
			Sampled:	11/20/1997	2/20/1998	5/28/1998	10/21/1998	4/21/1999	11/10/1999	4/28/2000	12/14/2000	6/19/2001	12/12/2001	6/19/2002	12/17/2002	6/23/2003	12/16/2003
CAS NO.	COMPOUND		UNITS:														
	VOLATILES																
67-64-1	Acetone	50 (G)	µg/L	U	2 J	U		6 J	U	U	3 J	4 J	U	U	2 J, B	U	U
71-43-2	Benzene	1	µg/L	**6 J**	U	1 J		**5 J**	U	U	U	U	U	U	U	U	1 J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U		10	U	U	U	U	U	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	U	U	U		**8 J**	U	U	U	U	U	U	U	1 J	1 J
156-59-2	cis-1,2-Dichloroethene	5	µg/L	U	U	U		**9 J**	U	U	U	U	U	U	U	1 J	2 J
156-60-5	trans-1,2-Dichloroethene	5	µg/L	U	U	U		2 J	U	U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (tota	5	µg/L	3 J	U	U		**11**	U	U	1 J	U	U	U	U	U	U
100-41-4	Ethylbenzene	5	µg/L	U	U	U		**7**	U	U	U	U	U	U	U	U	U
108-10-1	4-Methyl-2-pentanone	NS	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U		2 J, B	U	U	U	U	1 J, B	1 J	0.9 J, B	U	1
127-18-4	Tetrachloroethene	5	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
108-88-3	Toluene	5	µg/L	1 J	U	U		4 J	U	U	U	U	U	U	U	U	U
79-01-6	Trichloroethene	5	µg/L	1 J	U	U		U	U	U	U	U	U	U	U	U	U
75-01-4	Vinyl chloride	3	µg/L	U	U	U		**4 J**	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	2 J	U	U		**24**	U	U	1 J	U	U	U	0.5 J	2 J	5 J
	Total VOCs			13	2	1	NA	92	ND	ND	5	4	1	1	3.4	4	10
	SEMIVOLATILES																
83-32-9	Acenaphthene	20 (G)	µg/L	8	U	6 J		U	1 J	U	U	U	U	U	U	U	U
208-96-8	Acenaphthylene	NS	µg/L	4	U	5 J		U	1 J	U	U	U	U	U	U	U	U
120-12-7	Anthracene	50(G)	µg/L	1	U	U		U	U	U	U	U	U	U	U	U	U
50-32-8	Benzo[a]pyrene	ND	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
117-81-7	bis(2-Ethylhexyl)phthala	5	µg/L	U	U	U		U	U	2 J	2 J	4 J	U	5 J	U	U	U
	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
86-74-8	Carbazole	NS	µg/L	4 J	U	4 J		U	U	U	U	U	U	U	U	U	U
59-50-7	4-Chloro-3-methylphenc	1	µg/L	U	U	U		**5 J**	U	U	**3 J**	U	U	U	**2 J**	**36**	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
132-64-9	Dibenzofuran	NS	µg/L	4 J	U	5 J		U	U	U	U	U	U	U	U	U	U
95-50-1	1,2-Dichlorobenzene	3	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
541-73-1	1,3-Dichlorobenzene	3	µg/L	U	U	U		1 J	U	U	U	U	U	U	U	U	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	U	U	U		2 J	U	U	U	U	U	U	U	U	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**4 J**	U	**18**		**51**	**2 J**	U	U	U	U	U	1 J	**3 J**	**3 J**
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
86-73-7	Fluorene	50 (G)	µg/L	6 J	U	6 J		1 J	1 J	U	U	U	U	U	U	U	1 J
91-57-6	2-Methylnaphthalene	NS	µg/L	6 J	U	5 J		2 J	U	U	U	U	U	U	U	U	U
95-48-7	2-Methylphenol	1	µg/L	**2 J**	U	**6 J**		**2 J**	U	U	**2 J**	U	U	U	U	1 J	**2 J**
106-44-5	4-Methylphenol	1	µg/L	**3 J**	U	**10**		U	U	U	U	U	U	U	U	U	U
91-20-3	Naphthalene	10 (G)	µg/L	**110**	U	**110 E**		**11**	U	U	U	U	U	U	2 J	U	5 J
85-01-8	Phenanthrene	50 (G)	µg/L	10 J	U	8 J		U	U	U	U	U	U	U	U	U	1 J
108-95-2	Phenol	1	µg/L	U	U	1 J		U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
95-95-4	2,4,5-Triclorophenol	1	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
	Total SVOCs			162	ND	184	NA	75	5	2	7	4	ND	5	5	40	12
	PESTICIDES																
309-00-2	Aldrin	ND	µg/L	U	U	U		U	U	0.0021 J, P	U	U	U	0.0091 J, P	U	U	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	U		U	U	0.0016 J	U	U	U	U	U	**0.013 J, P**	0.0091 J
319-85-7	beta-BHC	0.04	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	U	U		0.008 J, P	U	U	0.0035 B, J, P	U	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.0011 J, P	0.0021 J, P	U		U	U	U	U	U	U	U	U	U	0.012 J, P
5103-71-9	alpha-Chlordane	0.05	µg/L	U	0.0036 J, P	U		0.012 J, P	0.0049 J, P	U	U	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	0.011 J, P		U	U	U	U	U	U	U	U	0.0062 J, P	U
72-54-8	4,4'-DDD	0.3	µg/L	U	0.0045 J, P	U		0.0047 J, P	U	U	U	U	U	U	U	U	U
72-55-9	4,4'-DDE	0.2	µg/L	U	0.017 J	U		U	0.011 J, P	0.01 J	0.0036 J	0.0028 B, J, P	U	U	U	U	U
50-29-3	4,4'-DDT	0.2	µg/L	U	0.0085 J, P	U		0.022 B, J, P	0.0071 J, P	0.003 J, P	0.0021 J, P	U	U	U	U	0.0026 J, P	U
60-57-1	Dieldrin	0.004	µg/L	U	U	U		U	U	U	U	U	0.0037 J, P	U	U	0.0097 J	U
959-98-8	Endosulfan I	NS	µg/L	U	U	U		U	U	U	U	U	U	U	U	0.0099 J, P	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	U		0.0079 J, P	0.0012 J, P	0.0012 J, P	U	U	U	U	U	0.0052 J, P	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	0.0078 J, P		0.0023 B, J, P	U	U	0.0032 J, P	U	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	U	U	U		0.011 J, P	U	U	0.011 J, P	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	U	U	U		0.0096 J, P	0.0037 J	0.1 J	0.0044 J	U	0.011 B, J, P	U	U	0.0081 B, J, P	U
53494-70-5	Endrin ketone	5	µg/L	U	U	U		0.0075 J, P	U	U	U	U	U	U	U	U	U
76-44-8	Heptachlor	0.04	µg/L	U	U	U		U	U	U	U	U	U	U	U	0.0057 J	U
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U		0.025 J	0.0041 J, P	U	U	U	0.00066 J, P	U	U	U	U
72-43-5	Methoxychlor	35	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
	Total Pesticides			0.0011	0.0357	0.0188	NA	0.11	0.032	0.1179	0.0278	0.0028	0.01536	0.0091	ND	0.0604	0.0211
	PCBs																
12674-11-2	Aroclor-1016		µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	U	U		**1.5 P**	U	U	U	U	U	U	U	U	U
	Aroclor-1232	< 0.09	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
12672-29-6	Aroclor-1248		µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
	Total PCBs			ND	ND	ND	NA	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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
7440-36-0	Antimony	3	µg/L	U	U	U		U	U	U	1.7 B	U	U	U	U	U	U
7440-38-2	Arsenic	25	µg/L	18.4	U	16.8		U	5.3 B	U	U	U	2.6 B	2.3 B	2.7 B	2.4 B	4.4 B
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
7440-41-7	Beryllium	3 (G)	µg/L	U	U	U		0.13	U	U	0.31 B	U	0.13 B	0.2 B	U	0.1 B	U
7440-43-9	Cadmium	5	µg/L	U	U	U		0.5 B	U	U	U	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	84,000	74,100	134,000		456,000	153,000	58,000	151,000	139,000	208,000	134,000	112,000	307,000	196,000
7440-47-8	Chromium	50	µg/L	U	3.3 B	U		2 B	1.6 B, E	5.5 B	2.1 B	2.5 B	11.5	3.2 B, E	U	U	U
7440-48-4	Cobalt	NS	µg/L	U	U	U		U	U	1.4 B	U	U	U	U	U	U	U
7440-50-8	Copper	200	µg/L	1.8 B	3.2 B	1.2 B		U	1.8 B	6.7 B	2.6 B	3.2 B	U	6.3 B	5.4 B	6.8 B	
7439-89-6	Iron	300	µg/L	**774**	**1,070**	155		**463**	**411**	**1,230**	**1,100**	**2,700**	**57,300**	**7,860**	**456**	**1,380**	**848**
7439-92-1	Lead	25	µg/L	2.2 B	U	U		1.2 B	U	U	1.4 B	U	U	U	U	U	U
7439-95-4	Magnesium	35000 (G)	µg/L	719 B	17,600	3,900 B		10,700	3,640 B	7,320	11,400	14,400	**45,500**	13,600	10,000	3,520 B	3,090 B
7439-96-5	Manganese	300	µg/L	55.2	**525**	83.1		**357**	88.8	53.1	**368**	**370**	**2,040**	**660**	188	**729**	**317**
7439-97-6	Mercury	0.7	µg/L	U	U	U		U	U	U	U	U	U	U	U	U	U
7440-02-0	Nickel	100	µg/L	3.7 B	2.3 B	U		U	2.7 B, E	5.3 B	2.4 B	2.7 B	4 B	3.6 B	U	U	1.8 B
7440-09-7	Potassium	NS	µg/L	16,600	12,600	22,900		60,200	26,300	14,400	23,200 E	23,600	34,700	27,600	21,400	63,300	51,800
7782-49-2	Selenium	10	µg/L	U	U	U		U	5.2	U	2.8 B	U	2.6 B	U	3.7 B	5 B	8.7
7440-22-4	Silver	50	µg/L	0.61 B	U	U		U	U	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20000	µg/L	**25,700**	13,300	**24,400**		**36,400**	**23,600 E**	8,060	13,700	18,000	**64,500**	**26300 E**	15,000	**46900**	**45,700**
7440-28-0	Thallium	0.5 (G)	µg/L	U	**4.5 B**	U		U	U	U	U	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	3.2 B	3 B	2.2 B		2 B	12 B, E	2.6 B	3.8 B	1.4 B	1.6 B	U	4.4 B	2.2 B	14.6 B
7440-66-6	Zinc	2000 (G)	µg/L	13.2 B	480	14.3 B		2.5 B	5.7 B	22.6	2.8 B	5.6 B	U	48.1	2.7 B	11.8 B	U
57-12-5	Cyanide	200	µg/L	U	15.9	70.5		48.9	108	U	23.6	11.1	24.5	U	16.8	29	32.2
	Total Inorganics			128,551	120,683	185,926	NA	564,305	207,554	89,825	201,046	198,327	412,249	210,450	159,225	422,950	297,867

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.
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
D12 = Dilution required due to sample viscosity
D08 = Dilution required due to high concentration of target analyte(s)
D04 = Dilution required due to high levels of non-target compounds
QFL = Florisil clean-up (EPA 3620) performed on extract.
QSU = Sulfur (EPA 3660) clean-up performed on extract.
Z3 = Sample required dilution due to the nature of the sample matrix.
ID7 = 4-Methylphenol concentration is the sum of 3- and 4-Methylphenol.
* = RPD of the LCS and LCSD exceeds the control limits
B = Compound was found in the blank and sample.

Appendix B-3d - Sump S-4 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: / Lab Sample Source: / SDG: / Matrix: / Sampled:	S-4 E1191 OB 6968 Water 6/9/2004	S-4 0508015-002A OB 6968 Water 8/1/2005	S-4 0603095-005A LSL-BL 6030950 Water 3/21/2006	S-4 A7E985013 TA A07-E985 Water 12/27/2007	S-4 A8E30608 TA A08-E150 Water 11/10/2008	S-4 RSI0312-04 TA RSI0296 Water 9/9/2009	S-4 RTF0860-05 TA RTF0798 Water 6/11/2010	S-4 480-2227-4 TA 480-2185 Water 3/4/2011	S-4 480-14339-4 TA 480-14339 Water 12/21/2011	S-4 480-23637-4 TA 480-23637 Water 8/8/2012	S-4 480-38452-2 TA 480-38452 Water 5/16/2013	S-4 480-56862-4 TA 480-38452 WATER 3/28/2014	S-4 480-70664-6 TA 480-38452 WATER 11/4/2014
CAS NO.	COMPOUND		UNITS:													
	VOLATILES															
67-64-1	Acetone	50 (G)	µg/L	3	3	3	U	U	U	U	U	U	U	U	U	U
71-43-2	Benzene	1	µg/L	U	0.8 J	0.9 J	U	U	0.87 J	0.68 J	0.49 J	0.71 J	0.96 J	0.76 J	0.86 J	0.97 J
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
75-34-3	1,1-Dichloroethane	5	µg/L	0.6 J	1 J	1 J	U	U	1.3	1.2	1.7	1.4	1.8	1.5	1.4	1.2
156-59-2	cis-1,2-Dichloroethene	5	µg/L	0.8 J	2 J	2 J	U	U	U	U	U	U	U	U	U	U
156-60-5	trans-1,2-Dichloroethene	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
540-59-0	1,2-Dichloroethene (tota	5	µg/L	U	U	U	U	U	1.9 J	1.4 J	0.96 J	1.4 J	1.7 J	1.5 J	1.7 J	1.8 J
100-41-4	Ethylbenzene	5	µg/L	U	0.9	U	U	U	1.5	1.2	0.93 J	1.1	1.2	1.2	1.4	0.96 J
108-10-1	4-Methyl-2-pentanone	NS	µg/L	U	U	1 J	U	U	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	0.7	0.9	1	U	U	U	U	U	U	U	U	U	U
127-18-4	Tetrachloroethene	5	µg/L	U	0.6 J	0.5 J	U	U	0.72 J	0.71 J	0.63 J	0.81 J	0.98 J	0.90 J	1.0	0.91 J
108-88-3	Toluene	5	µg/L	U	1 J	2 J	U	U	1.4	1.2	1.0	1.3	1.1	1.2	1.5	0.97 J
79-01-6	Trichloroethene	5	µg/L	U	U	0.8 J	U	U	0.70 J	0.55 J	0.49 J	0.63 J	0.73 J	0.87 J	0.81 J	0.63 J
75-01-4	Vinyl chloride	3	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
1330-20-7	Xylene (total)	5	µg/L	1 J	5 J	**12**	U	U	**9.7**	**6.9**	**5.5**	**6.5**	**6.7**	**7.0**	**8.9**	**5.9**
	Total VOCs			6.1	15.2	24.2	ND	ND	18.09	13.84	11.7	13.85	15.17	14.93	17.57	13.34
	SEMIVOLATILES															
83-32-9	Acenaphthene	20 (G)	µg/L	U	U	U	U	0.2 J	U	0.93 J	1.1 J	1.2 J	1.5 J	0.94 J	1.3 J	2.1 J
208-96-8	Acenaphthylene	NS	µg/L	U	1 J	U	U	0.2 J	U	0.46 J	0.62 J	0.68 J	0.70 J	0.43 J	0.81 J	1.6 J
120-12-7	Anthracene	50(G)	µg/L	U	U	U	U	U	U	U	U	U	0.93 J	U	U	U
50-32-8	Benzo[a]pyrene	ND	µg/L	U	U	1 J	U	U	U	U	U	U	U	U	U	U
	Benzo[b]fluoranthene	0.002 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**0.65 J**
117-81-7	bis(2-Ethylhexyl)phthala	5	µg/L	U	1 J	2 J	U	U	U	U	2.5 J,B	U	U	U	U	3.4 J
	Butyl benzyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	0.70 J B	U
86-74-8	Carbazole	NS	µg/L	U	1 J	1 J	U	0.5 J	1.3 J	1.1 J	1.1 J	1.4 J	1.3 J	0.86 J	1.4 J	2.4 J
59-50-7	4-Chloro-3-methylphenc	1	µg/L	**9 J**	U	U	U	U	U	U	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	0.3 B, J	0.5 J B	U	0.35 J	0.80 J,B	U	U	0.51 J	U	0.44 J
	Di-n-octyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	2.5 J
132-64-9	Dibenzofuran	NS	µg/L	U	1 J	U	U	U	U	U	0.57 J	0.58 J	0.75 J	0.53 J	U	1.5 J
95-50-1	1,2-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	0.48 J, B	U	U	U	0.85 J	U	U
541-73-1	1,3-Dichlorobenzene	3	µg/L	U	U	U	U	U	U	U	U	U	U	0.51 J	0.79 J	U
106-46-7	1,4-Dichlorobenzene	3	µg/L	U	U	1 J	U	U	U	U	U	0.47 J	U	1.9 J	0.93 J	U
84-66-2	Diethyl phthalate	50 (G)	µg/L	U	U	U	U	0.6 J B	U	U	U	U	U	U	U	U
131-11-3	Dimethyl phthalate	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	0.77 J	U	1.9 J	U
105-67-9	2,4-Dimethylphenol	1	µg/L	**11**	**39**	**46**	U	**6**	**21**	**5.5**	**4.8 J**	**21**	**18**	**28**	**41**	**20**
206-44-0	Fluoranthene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	0.73 J	U	U	U
86-73-7	Fluorene	50 (G)	µg/L	U	2 J	U	U	0.3 J	U	U	1.0 J *	0.77 J	1.3 J	0.78 J	1.1 J	2.0 J
91-57-6	2-Methylnaphthalene	NS	µg/L	U	U	3 J	U	0.6 J B	1.5 J	1.3 J	2.5 J	3.0 J	2.7 J	2.8 J	4.3 J	2.6 J
95-48-7	2-Methylphenol	1	µg/L	**2 J**	**13**	**14**	U	1 J	**7.4**	**4.3 J**	**5.9**	**12**	**13**	**9.4**	**11**	**6.5**
106-44-5	4-Methylphenol	1	µg/L	U	**22**	22	U	1 J	**11 ID7**	**7.8 J**	**11**	**22**	**24**	**19**	**18**	**9.5**
91-20-3	Naphthalene	10 (G)	µg/L	U	U	**15**	U	1 J B	4.3 J	1.8 J	8.0	**11**	9.9	**12**	**18**	8.7
85-01-8	Phenanthrene	50 (G)	µg/L	U	1 J	U	U	0.3 J B	U	0.57 J	0.74 J	U	0.95 J	0.74 J	0.94 J	1.7 J
108-95-2	Phenol	1	µg/L	U	**2 J**	**2 J**	U	U	U	U	U	U	U	U	U	U
129-00-0	Pyrene	50 (G)	µg/L	U	U	U	U	U	U	U	U	U	0.53 J	U	U	U
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	U	U	U	U	U	U	U	U	0.52 J	U	0.54 J	0.90 J	U
95-95-4	2,4,5-Triclorophenol	1	µg/L	U	U	U	U	U	U	U	U	0.66 J	U	0.52 J	U	U
	Total SVOCs			22	83	107	0.3	3.6	51.4	24.59	40.63	76.05	76.29	82.21	101.17	67.49
	PESTICIDES															
309-00-2	Aldrin	ND	µg/L	U	U	U	U	U	U	U	U	U	U	U	0.019 J	U
319-84-6	alpha-BHC	0.01	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	0.012 J B
319-85-7	beta-BHC	0.04	µg/L	U	0.0047 J, P	U	U	U	U	U	U	U	U	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	0.039 B, J	U	U	U	U	U	**0.076**	0.070	0.064
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.0031 J, P	0.0086 J, P	0.018 J, P	0.030 J	0.042 J	0.041 J	0.028 QSU, J	U	U	U	0.025 J	0.019 J	0.053
5103-71-9	alpha-Chlordane	0.05	µg/L	U	U	U	0.011 J	U	U	U	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	µg/L	0.021 B, J, P	0.02 J, P	U	U	0.034 J	0.012 J	0.012 QSU, J	U	U	U	0.013 J	U	U
72-54-8	4,4'-DDD	0.3	µg/L	0.0099 J, P	U	U	U	U	U	U	U	U	U	U	U	U
72-55-9	4,4'-DDE	0.2	µg/L	0.013 J	0.019 J	U	0.039 J	0.048 J	0.021 J	0.018 QSU, J	U	U	U	0.023 J	U	U
50-29-3	4,4'-DDT	0.2	µg/L	0.008 J	U	U	0.046 J	0.040 J	U	U	U	U	U	0.022 J	U	U
60-57-1	Dieldrin	0.004	µg/L	**0.0045 B, J, P**	U	0.0027 J	U	U	U	U	U	U	U	**0.011 J**	U	U
959-98-8	Endosulfan I	NS	µg/L	0.011 J, P	U	U	U	0.064	U	U	U	U	U	U	U	U
33213-65-9	Endosulfan II	NS	µg/L	U	U	U	U	0.019 J	U	U	U	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	0.0063 J, P	U	U	U	U	U	U	U	U	U	U
72-20-8	Endrin	ND	µg/L	U	U	U	U	**0.029**	U	U	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5	µg/L	0.013 J	U	0.0068 J, P	U	U	U	U	U	U	U	U	U	U
53494-70-5	Endrin ketone	5	µg/L	U	U	0.0023 J, P	U	U	U	U	U	U	U	U	U	U
76-44-8	Heptachlor	0.04	µg/L	U	U	U	0.019 J	0.031 J	U	0.011 QSU, J	0.024 J	U	U	0.022 J	0.018 J	0.010 J
1024-57-3	Heptachlor epoxide	0.03	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
72-43-5	Methoxychlor	35	µg/L	0.75	U	0.018 J, P	U	U	U	U	U	U	U	U	U	U
	Total Pesticides			0.8335	0.0523	0.0541	0.145	0.346	0.074	0.069	0.024	ND	ND	0.192	0.126	0.139
	PCBs															
12674-11-2	Aroclor-1016		µg/L	U	U	**0.96 J**	U	U	U	**2.0 QSU**	**2.6**	**2.7**	**1.7**	U	**1.9**	U
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	U	**0.95 J, P**	U	**0.46 J**	**1.4**	**3.5**	U	U	U	U	**2.2**	U	U
	Aroclor-1232	< 0.09	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	**7.6**
12672-29-6	Aroclor-1248		µg/L	**0.77 J**	U	U	U	U	U	U	U	U	U	U	U	U
	Total PCBs			0.77	0.95	0.96	0.46	1.4	3.5	2.0	2.6	2.7	1.7	2.2	1.9	7.6
	INORGANICS															
7429-90-5	Aluminum	NS	µg/L	60.1 B	229	125 B	1,920	42.4 B	316 B	532 CF6	620	460	500	460	400	570
7440-36-0	Antimony	3	µg/L	U	U	**3.1 B**	U	U	U	U	U	U	U	U	U	U
7440-38-2	Arsenic	25	µg/L	3.3 B	6.9 B	11.1	7.3 B	4.6 B	9.4 J	U	U	U	8.8 J	6.1 J	U	U
7440-39-3	Barium	1000	µg/L	20.4 B	14.1 B	13.7 B	19.3	9.6	19.3	20.8 CF6	22	30	23 B	30	31	32
7440-41-7	Beryllium	3 (G)	µg/L	U	U	U	0.49 B	0.52 B	U		U	U	U	U	U	U
7440-43-9	Cadmium	5	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
7440-70-2	Calcium	NS	µg/L	156,000	109,000	114,000	34,800	54,000	121,000 B	107,000	89,200 B	98,000 B	93,200	111,000	98,100	96,000
7440-47-8	Chromium	50	µg/L	U	U	U	2.5 B	1.6 B	1.2 J	U	1.0 J	13	U	U	1.2 J	U
7440-48-4	Cobalt	NS	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
7440-50-8	Copper	200	µg/L	1.7 B	U	U	4.5 B	13.0	17.6	U	U	U	2.2 J	U	U	U
7439-89-6	Iron	300	µg/L	275	183	**473**	**1,110**	86.6	**370**	82	71	**370**	**720**	130	22 J	96
7439-92-1	Lead	25	µg/L	1.2 B	U	U	U	U	U	U	U	U	U	U	U	4.8 J
7439-95-4	Magnesium	35000 (G)	µg/L	3,000 B	981 B	708 B	4,640	2,760	1,010	757	240	1,000	970	900	410	1,500
7439-96-5	Manganese	300	µg/L	**657**	28.5	28.5 E	32.2	4.2	66.4	14.9 CF6	5.5	27	100	49 B	2.2 J	47
7439-97-6	Mercury	0.7	µg/L	0.04 B	0.18 B	0.21	U	U	U	U	U	U	U	U	U	U
7440-02-0	Nickel	100	µg/L	2.6 B	7.2 B	2.4 B	8.7 B	4.0 B	4.5 J	U	2.0 J	8.5 J	U	1.3 J	1.8 J	U
7440-09-7	Potassium	NS	µg/L	53,400	53,100	54,400	11,500	34,500	50,800	52,900	55,800	51,300	51,200	59,100	66,600	61,800
7782-49-2	Selenium	10	µg/L	4.6 B	2.9 B	3.8 B	10.0 B	U	U	U	**12 J**	U	U	U	U	U
7440-22-4	Silver	50	µg/L	U	U	U	1.3 B	U	U	U	U	U	U	U	U	U
7440-23-5	Sodium	20000	µg/L	**48,600**	**53,600**	**52,400**	5,140	**24,700**	**50,500**	**53,500**	**51,900**	**51,000**	**50,400**	**57,000**	**59,000**	**58,000**
7440-28-0	Thallium	0.5 (G)	µg/L	U	U	U	U	U	U	U	U	U	U	U	U	U
7440-62-2	Vanadium	NS	µg/L	3.7 B	7.4 B	9.2 B	8.4	6.7	4.6 J	5.0	67	22	11	11	5.6	10
7440-66-6	Zinc	2000 (G)	µg/L	7 B	5.1 B	3.9 B	15.5	81.4	250	2.3 J	2.2 J	2.9 J	3.6 J	U	1.8 J	2.4 J B
57-12-5	Cyanide	200	µg/L	29.5	34.8	24.2	U	U	6.3 J	16.7	U	37	U	26	7.0 J	13 B
	Total Inorganics			262,066	217,172	169,803	59,220	116,215	224,375	214,831	197,943	202,270	197,139	228,713	224,583	218,075

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Gr
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guida
ND = Not Detected
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the reporting
J = Result is less than the Reporting Limit but greater than or equal to the Method D
D12 = Dilution required due to sample viscosity
D08 = Dilution required due to high concentration of target analyte(s)
D04 = Dilution required due to high levels of non-target compounds
QFL = Florisil clean-up (EPA 3620) performed on extract.
QSU = Sulfur (EPA 3660) clean-up performed on extract.
Z3 = Sample required dilution due to the nature of the sample matrix.
ID7 = 4-Methylphenol concentration is the sum of 3- and 4-Methylphenol.
* = RPD of the LCS and LCSD exceeds the control limits
B = Compound was found in the blank and sample.

APPENDIX B-4
Historically Detected Compounds
(Surface Water, 1997-2007)

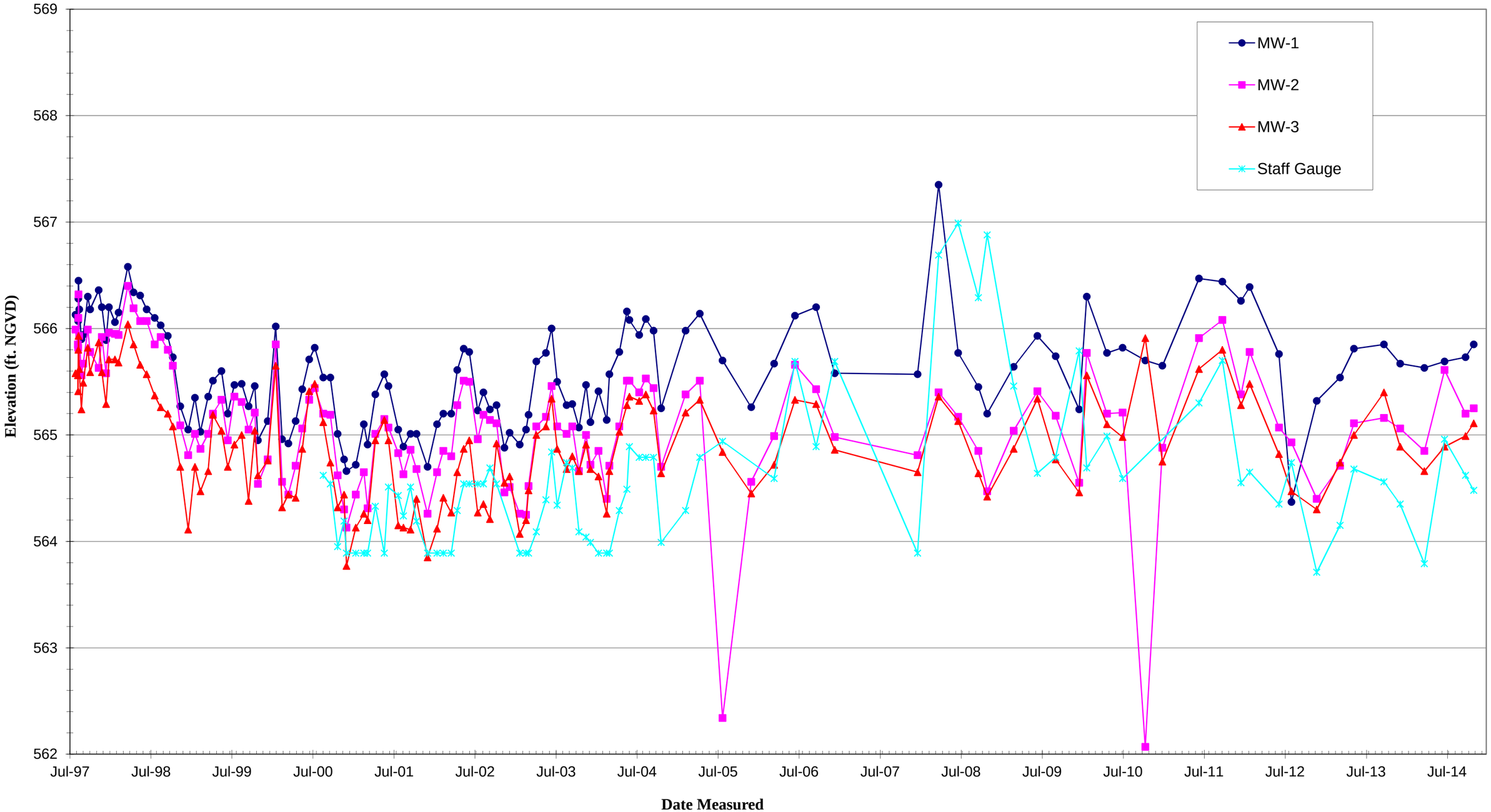
Appendix B-4 - Surface Water Collection SW-1 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Surface Water Historically Detected Compounds		NYSDEC Class A Surface Water Standards/ Guideline Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	SW-1 G5192 OBG 5116 Water 11/21/1997	SW-1 H0921 OBG 6847 Water 2/18/1998	SW-1 H7401 OBG 7810 Water 5/28/1998	SW-1 M0192 OBG 1489 Water 4/20/1999	SW-1 A9751102 OBG 11090 Water 11/9/1999	SW-1 R7147 OBG 7645 Water 12/13/2000	SW-1 T7110 OBG 764 Water 12/13/2001	SW-1 Z7446 OB 4203 Water 12/17/2002	SW-1 B4289 OB 6968 Water 12/16/2003	SW-1 E1194 OB 6968 Water 6/9/2004	SW-1 0603095-001A LSL-BL 6030950 Water 3/21/2006	SW-1 A7E985015 TA A07-E985 Water 12/27/2007
CAS NO.	COMPOUND		UNITS:												
	VOLATILES														
67-64-1	Acetone	50 (G)	µg/L	U	U	U	U	U	U	U	2 J, B	U	4 J, B	2 J, B	U
75-15-0	Carbon disulfide	60 (G)	µg/L	U	U	U	5 J	U	U	U	U	U	U	U	U
75-09-2	Methylene chloride	5	µg/L	U	U	U	U	U	U	0.6 J, B	0.8 J, B	2 J, B	0.7 J, B	1 J, B	U
1330-20-7	Xylene (total)	5	µg/L	U	U	U	U	U	2 J	U	U	U	U	U	U
	Total VOCs			ND	ND	ND	5	ND	2	0.6	2.8	2	4.7	3	ND
	SEMIVOLATILES														
117-81-7	bis(2-Ethylhexyl)phthalat	5	µg/L	U	U	1 J	U	U	4 J	U	U	U	U	U	U
84-74-2	Di-n-butyl phthalate	50	µg/L	U	U	U	U	U	U	U	U	U	U	U	0.3 J, B
	Total SVOCs			ND	ND	1	ND	ND	4	ND	ND	ND	ND	ND	0.3
	PESTICIDES														
319-84-6	alpha-BHC	0.01	µg/L	0.0031 J, P	0.0068 J	U	0.0083 J, P, B		0.006 J	U	U	U	U	U	U
319-85-7	beta-BHC	0.04	µg/L	U	U	U	U	U	0.0087 J, P	U	U	0.02 J	U	U	U
319-86-8	delta-BHC	0.04	µg/L	U	U	U	U	U	U	U	U	U	U	0.0017 J, P, B	U
72-54-8	4,4'-DDD	0.3	µg/L	0.0022 J, P	U	U	0.002 J	U	0.0031 J, P	U	U	U	U	0.0019 J, P	U
72-55-9	4,4'-DDE	0.2	µg/L	0.021 J	0.0019 J, P	0.0032 J, P	U	U	U	U	U	U	U	U	U
50-29-3	4,4'-DDT	0.2	µg/L	0.1 J, P	U	U	U	U	U	U	U	U	U	U	U
60-57-1	Dieldrin	0.004	µg/L	U	U	0.0016 J, P	0.00096 J, P	U	0.0038 J, P	0.0016 J, P, B	U	U	U	0.0027 J, P	U
33213-65-9	Endosulfan II	NS	µg/L	U	0.0059 J	U	0.00052 J, P	U	U	U	U	U	U	U	U
1031-07-8	Endosulfan sulfate	NS	µg/L	U	U	0.001 J, P	0.0018 J, P	U	U	U	U	U	U	U	U
72-20-8	Endrin	0.2	µg/L	U	U	0.0017 J, P	0.00056 J, P	U	0.0032 J, P	U	U	U	U	U	U
7421-93-4	Endrin aldehyde	5 (G)	µg/L	U	0.0059 J, P	U	U	U	U	0.01 J, P, B	U	U	U	U	U
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	U	0.0023 J	0.0019 J, P, B	U	U	U	U	U	U	U	U	U
5103-74-2	gamma-Chlordane	0.05	µg/L	U	U	0.0026 J, P	0.0048 J, P, B	U	U	U	U	U	0.0033 J, P, B	0.0042 J, P	U
72-43-5	Methoxychlor	35	µg/L	U	U	U	U	U	0.061 J, P, B	U	U	U	U	U	U
	Total Pesticides			0.1263	0.0228	0.012	0.01894	ND	0.0858	0.0116	ND	0.02	0.0033	0.0105	ND
	PCBs														
	None Detected														
	Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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
7440-36-0	Antimony	3	µg/L	U	U	2.9 B	**8.3 B**	U	**3.4 B**	U	U	2.6 B	U	2.7 B	U
7440-38-2	Arsenic	25	µg/L	U	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	8.8 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
7440-41-7	Beryllium	3 (G)	µg/L	U	0.08 B	U	U	U	0.27 B	0.1 B	U	U	U	U	0.47 B
7440-70-2	Calcium	NS	µg/L	34600	68900	134000	189000	152000	125000	192000	138000	152000	137000	146000	132000
7440-47-8	Chromium	50	µg/L	2.6 B	7.4 B	U	8.7 B	U	10.3	7.6 B	6 B	4.1 B	4.4 B	2.9 B	2.8 B
7440-48-4	Cobalt	5	µg/L	U	U	U	U	U	U	1.1 B	U	U	U	U	U
7440-50-8	Copper	200	µg/L	3.4 B	8.1 B	U	3.6 B	4.3 B	2.5 B	1.9 B	3.2 B	U	1.1 B	1.5 B	U
7439-89-6	Iron	300	µg/L	300	**2030**	**352**	223	282	**473**	**305**	239	188	**1070**	81.9 B	172
7439-92-1	Lead	50	µg/L	U	10.2	U	U	U	2.3 B	U	U	U	2 B	U	U
7439-95-4	Magnesium	35000 (G)	µg/L	11000	19200	**57900**	**53200**	**40400**	29800	**56300**	**38900**	38400	**48800**	**41000**	31900
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 B, E	8.9
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	U	1.5 B	0.04 B	0.011 B	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	U
7440-09-7	Potassium	NS	µg/L	4.4 B	U	U	U	9.8	2.4 B	2.6 B	3.3 B	3.8 B	50800	32600	24400
7782-49-2	Selenium	10	µg/L	U	U	U	U	U	U	U	1.5 B	U	U	3.6 B	**10.3 B**
7440-22-4	Silver	50	µg/L	6090	**30400**	**134000**	**133000**	**79400**	**93600**	**99300**	**82700**	67700	U	U	U
7440-23-5	Sodium	20000	µg/L	6090	**30400**	**134000**	**133000**	79400	93600	99300	82700	67700	**106000**	**112000**	**92200**
7440-62-2	Vanadium	NS	µg/L	1.2 B	6.4 B	1.2 B	9.9 B	U	2.9 B	2.7 B	4.3 B	2.3 B	3.4 B	U	3.4 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
57-12-5	Cyanide	200	µg/L	U	U	U	U	U	U	U	U	U	U	3.6 B	U
	Total Inorganics			62,711	163,620	537,495	575,061	398,631	372,231	507,069	371,583	354,711	344,821	178,744	281,933

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class G/
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-5
Historical Hydrographs
(Monitoring and Recovery Wells, 1997-2014)

Appendix B-5 - Historical Hydrograph MW-1, MW-2, MW-3, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

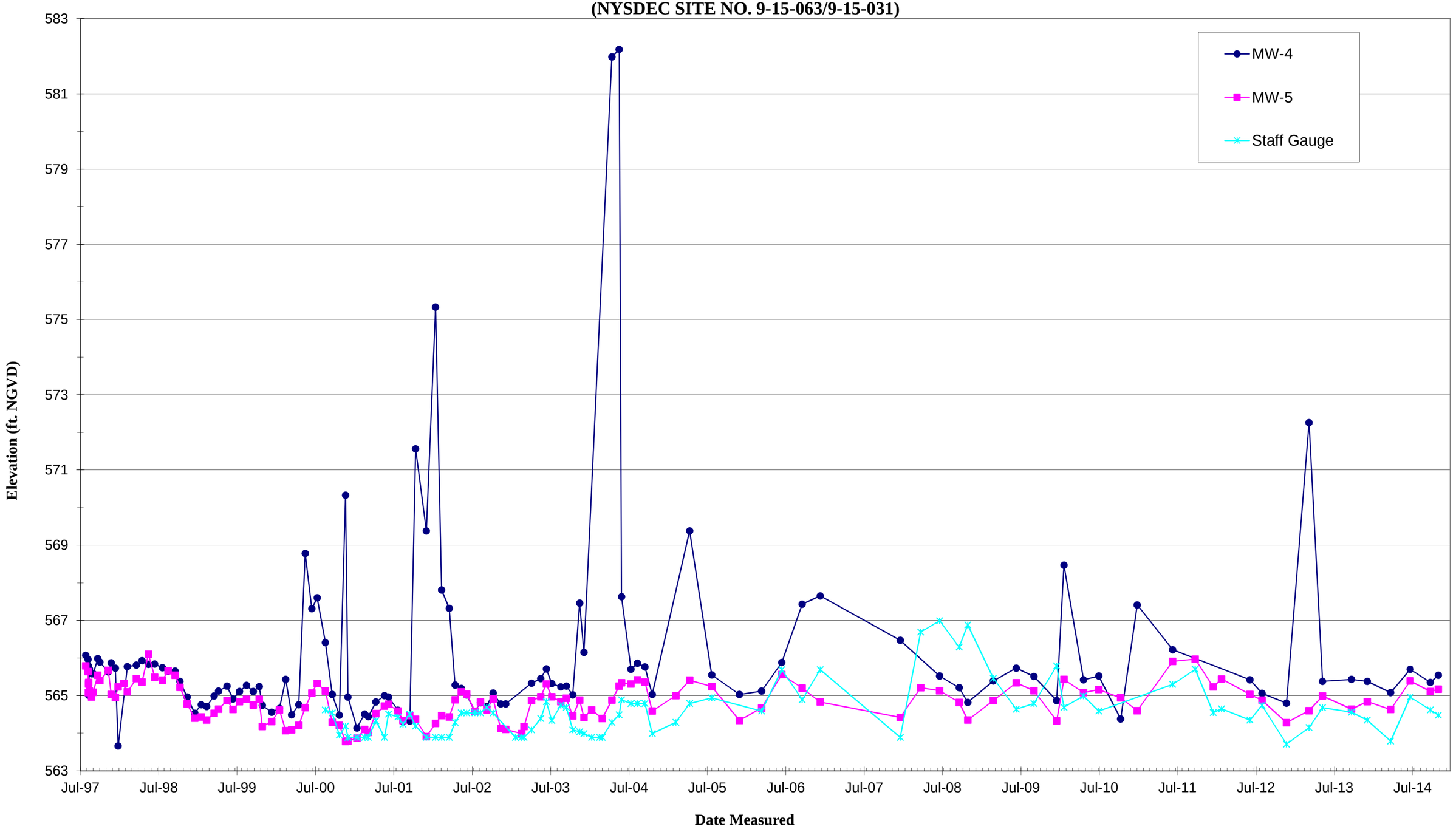


NGVD-National Geodetic Vertical Datum

12-30-14

Appendix B-5 - Historical Hydrograph MW-4, MW-5, and Staff Gauge

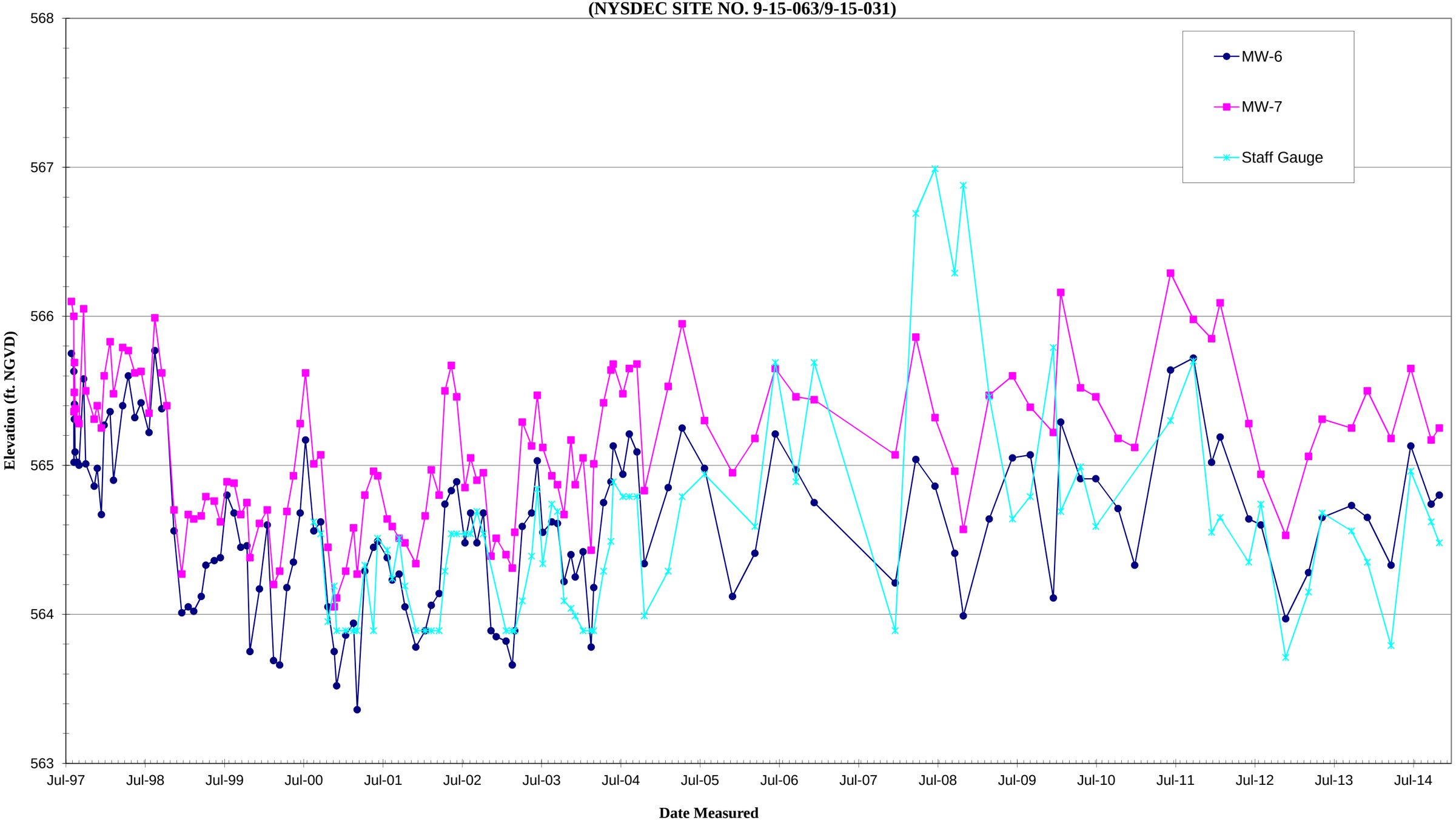
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

Appendix B-5 - Historical Hydrograph MW-6, MW-7, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

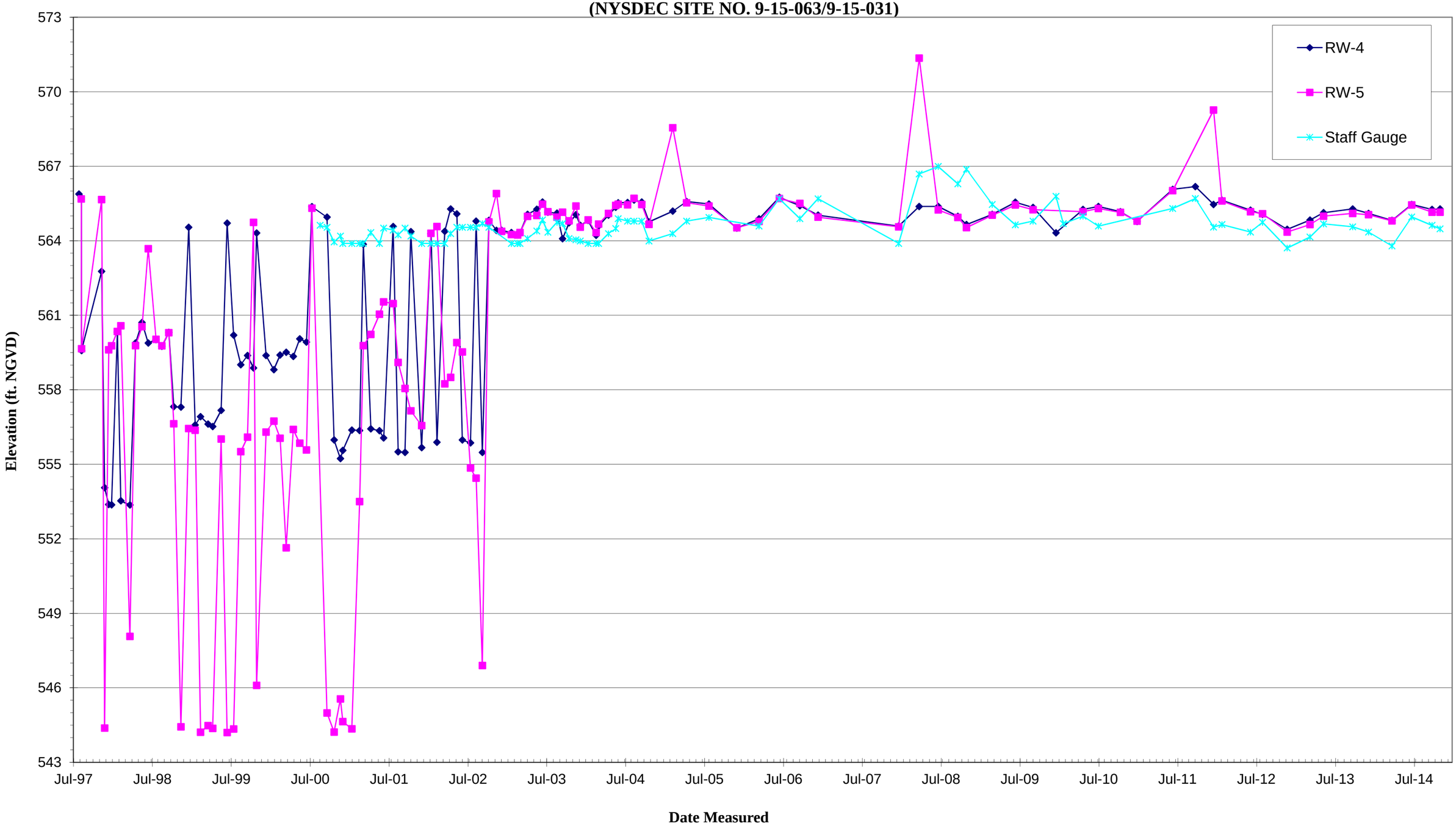


NGVD-National Geodetic Vertical Datum

12-30-14

Appendix B-5 - Historical Hydrograph RW-4, RW-5, and Staff Gauge

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



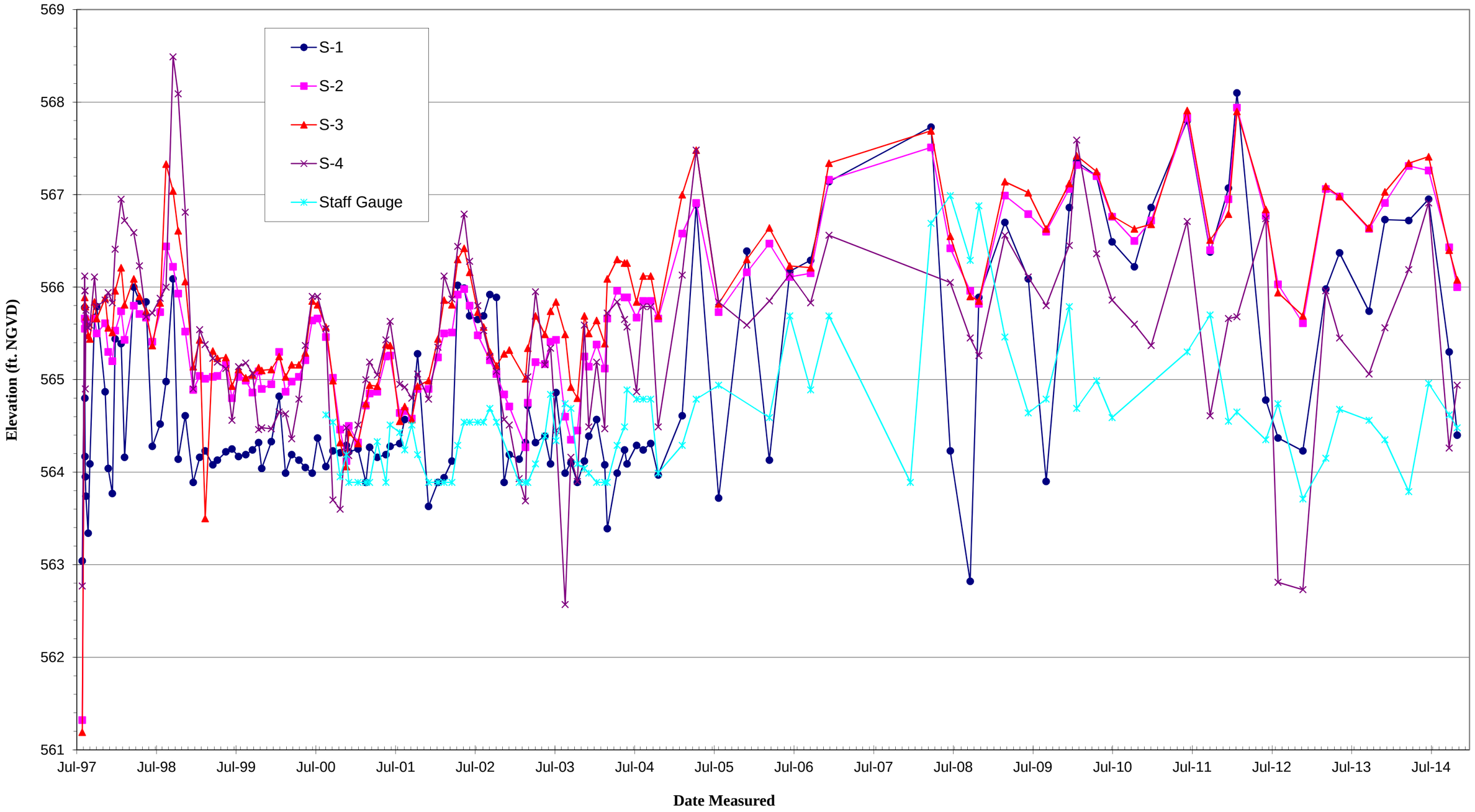
NGVD-National Geodetic Vertical Datum

12-30-14

APPENDIX B-6
Historical Hydrographs
(Sumps and Observation Wells, 1997-2014)

Appendix B-6 - Historical Hydrograph S-1, S-2, S-3, S-4, and Staff Gauge

CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

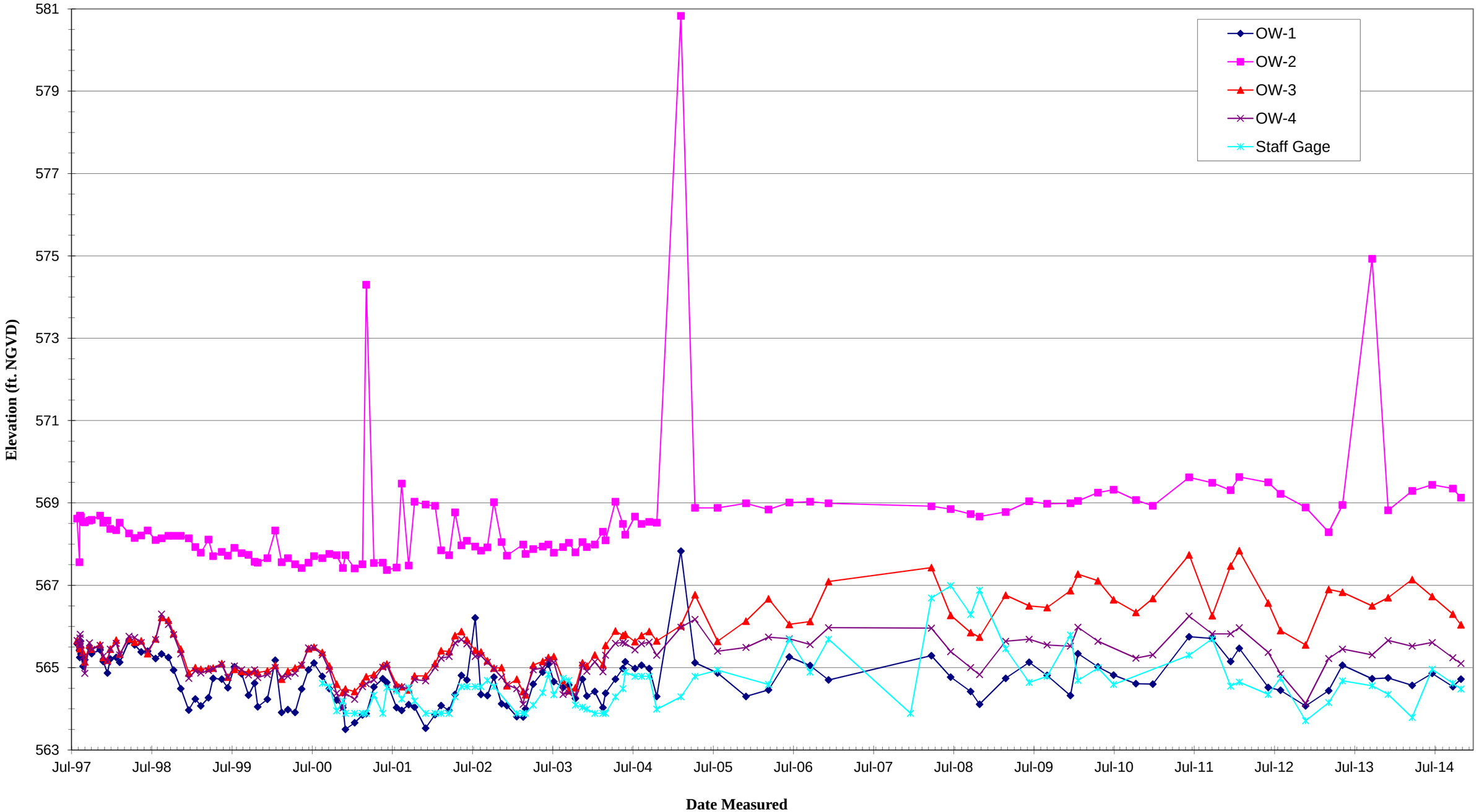


NGVD-National Geodetic Vertical Datum

12-30-14

Appendix B-6 - Historical Hydrograph OW-1, OW-2, OW-3, OW-4, and Staff Gauge

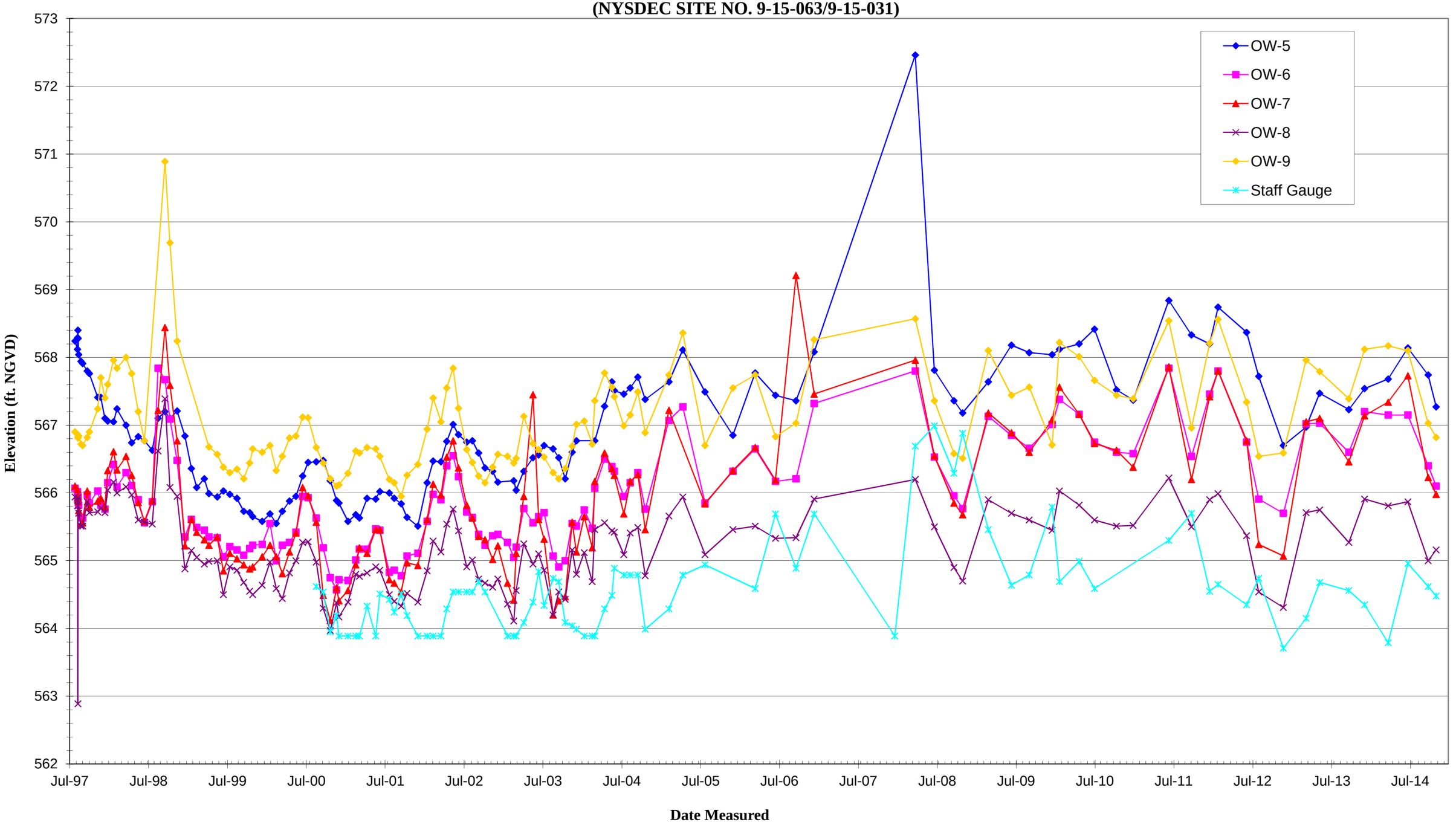
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

Appendix B-6 - Historical Hydrograph OW-5, OW-6, OW-7, OW-8, OW-9, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



NGVD-National Geodetic Vertical Datum

12-30-14

APPENDIX C
Groundwater Sampling Logs
March and November 2014

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-1*

Samplers: *Mike Reisch*, *Nicole Linder*

Total Well Depth (TOC)	40.50	feet
Initial Static Water Level (TOC)	*12.05*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *3/27/2014 10:19*

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

Well depth	DTW	Casing Vol. per foot	Water Volume	
40.50	*12.05*	*0.16*	*4.55*	*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: *14* gallons

Sampling Data

Method: *Grab* Date/Time: *3/27/2014 10:38*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*6.63*	*6.57*	*6.57*	*6.57*
Temp. (°C)	*9.44*	*10.50*	*11.41*	*11.45*
Spec. Cond. (mS/cm)	*1.49*	*1.40*	*1.55*	*1.58*
Turbidity (NTU)	*163*	*135*	*284*	*250*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-2*

Samplers: *Mike Reisch*, *Nicole Linder*

Total Well Depth (TOC)	42.35	feet
Initial Static Water Level (TOC)	*13.91*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *3/27/2014 10:00*

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

Well depth	DTW	Casing Vol. per foot	Water Volume	
42.35	*13.91*	*0.16*	*4.55*	*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: *14* gallons

Sampling Data

Method: *Grab* Date/Time: *3/27/2014 10:15*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*6.76*	*6.54*	*6.53*	*6.57*
Temp. (°C)	*9.61*	*10.89*	*11.43*	*11.51*
Spec. Cond. (mS/cm)	*0.444*	*0.810*	*1.27*	*1.36*
Turbidity (NTU)	*91.2*	*78.3*	*137*	*136*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-3*

Samplers: *Mike Reisch*, *Nicole Linder*

Total Well Depth (TOC)	31.30	feet
Initial Static Water Level (TOC)	*6.50*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *3/27/2014 10:41*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
31.30	*6.50*	*0.16*	*3.97*

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: *Grab* Date/Time: *3/27/2014 10:55*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*6.36*	*6.61*	*6.60*	
Temp. (°C)	*7.34*	*7.91*	*9.14*	
Spec. Cond. (mS/cm)	*1.12*	*1.10*	*1.05*	
Turbidity (NTU)	*800*	*500*	*52.2*	

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-4*

Samplers: *Mike Reisch*, *Nicole Linder*

Total Well Depth (TOC)	49.83	feet
Initial Static Water Level (TOC)	*18.75*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *3/27/2014 11:25*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
49.83	*18.75*	*0.16*	*4.97*

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: *Grab* Date/Time: *3/27/2014 11:45*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*7.56*	*7.71*	*7.54*	*7.45*
Temp. (°C)	*9.04*	*9.23*	*8.64*	*9.17*
Spec. Cond. (mS/cm)	*0.217*	*0.192*	*0.197*	*0.207*
Turbidity (NTU)	*205*	*485*	*733*	*562*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-5*

Samplers: *Mike Reisch*, *Nicole Linder*

Total Well Depth (TOC)	49.40	feet
Initial Static Water Level (TOC)	*19.51*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *3/27/2014 11:55*

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

Well depth	DTW	Casing Vol. per foot	Water Volume	
49.40	*19.51*	*0.16*	*4.78*	*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: *Grab* Date/Time: *3/27/2014 12:20*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*7.46*	*7.36*	*7.20*	*6.62*
Temp. (°C)	*8.77*	*9.35*	*9.46*	*9.32*
Spec. Cond. (mS/cm)	*0.154*	*0.148*	*0.294*	*0.906*
Turbidity (NTU)	*88*	*91.6*	*62.1*	*33.6*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-6*

Samplers: *Mike Reisch*, *Nicole Linder*

Total Well Depth (TOC)	50.80	feet
Initial Static Water Level (TOC)	*21.37*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *3/27/2014 12:48*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
50.80	*21.37*	*0.16*	*4.71*

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: *Grab* Date/Time: *3/27/2014 13:20*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*6.92*	*6.80*	*6.85*	*6.79*
Temp. (°C)	*9.93*	*9.66*	*9.08*	*10.24*
Spec. Cond. (mS/cm)	*0.825*	*0.849*	*0.841*	*0.909*
Turbidity (NTU)	*35.8*	*66.6*	*94.9*	*46.8*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-7*

Samplers: *Mike Reisch*, *Nicole Linder*

Total Well Depth (TOC)	45.45	feet
Initial Static Water Level (TOC)	*21.22*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *3/27/2014 9:20*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
45.45	*21.22*	*0.16*	*3.88*

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: *11* gallons

Sampling Data

Method: *Grab* Date/Time: *3/27/2014 9:40*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*5.19*	*5.49*	*5.71*	*5.80*
Temp. (°C)	*11.09*	*11.12*	*10.92*	*10.91*
Spec. Cond. (mS/cm)	*0.661*	*0.666*	*0.718*	*0.814*
Turbidity (NTU)	*72.3*	*51.0*	*49.6*	*40.2*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*RW-4*
Samplers	*Mike Reisch*		
	Nicole Linder		

Total Well Depth (TOC)	52.15	feet
Initial Static Water Level (TOC)	*17.01*	feet
Well Diameter	10.0	inches

Purging Data

Method: *Low Flow Pumping* Date/Time: *3/28/2014 12:40*

Well depth	DTW	Casing Vol. per foot	Water Volume
NA	*NA*	*NA*	*NA*

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: *NA* gallons

Sampling Data

Method: Grab Date/Time: *3/28/2014 13:35*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

	Field Parameters	Depth to Water	pH	Temp (ºC)	Spec. Cond. (mS/cm)	Turbidity	Flow Rate (ml/min)
Elapsed Time (min)	0	*17.01*	*9.12*	*10.65*	*0.856*	*7.2*	0
	5	*17.27*	*8.24*	*10.78*	*1.15*	*0.0*	380
	10	*17.37*	*8.01*	*10.81*	*1.22*	*0.0*	380
	15	*17.47*	*7.72*	*10.79*	*1.27*	*0.0*	380
	20	*17.50*	*7.53*	*10.79*	*1.28*	*0.0*	380
	25	*17.60*	*7.35*	*10.79*	*1.30*	*0.0*	380
	30	*17.60*	*7.25*	*10.78*	*1.31*	*0.0*	380
	35	*17.55*	*7.14*	*10.78*	*1.32*	*0.0*	380
	40	*17.55*	*6.96*	*10.78*	*1.41*	*0.0*	380
	45	*17.65*	*6.91*	*10.78*	*1.41*	*0.0*	380
	50	*17.65*	*6.91*	*10.78*	*1.40*	*0.0*	380
	55						380
	60						380

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*RW-5*
Samplers	*Mike Reisch*		
	Nicole Linder		

Total Well Depth (TOC)	52.30	feet
Initial Static Water Level (TOC)	*17.25*	feet
Well Diameter	8.0	inches

Purging Data

Method: *Low Flow Pumping* Date/Time: *3/28/2014 14:00*

Well depth	DTW	Casing Vol. per foot	Water Volume
NA	*NA*	*NA*	*NA*

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: *NA* gallons

Sampling Data

Method: *Grab* Date/Time: *3/28/2014 14:20*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	Liter	None	Grab
PCB	Liter	None	Grab

	Field Parameters	Depth to Water	pH	Temp (ºC)	Spec. Cond. (mS/cm)	Turbidity	Flow Rate (ml/min)
Elapsed Time (min)	0	*17.25*	*8.32*	*9.19*	*0.237*	*10.9*	0
	5	*17.70*	*8.52*	*9.01*	*0.215*	*3.3*	380
	10	*17.70*	*8.54*	*9.01*	*0.213*	*2.9*	380
	15	*17.87*	*8.55*	*9.05*	*0.213*	*1.8*	380
	20	*17.89*	*8.54*	*9.04*	*0.213*	*1.9*	380
	25						380
	30						380
	35						380
	40						380
	45						380
	50						380
	55						380
	60						380

Comments:

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-1*
Samplers	*Mike Reisch*		
	Nicole Linder		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*Clear, no odor*
Color/Stain:	*None*

Sampling Data

Method	*Grab*	Date/Time	*3/28/2014 9:20*

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

Field Parameters	
pH	*7.24*
Temp. (°C)	*7.20*
Spec. Cond. (mS/cm)	*0.340*
Turbidity (NTU)	*0.0*

Comments:

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-2*
Samplers	*Mike Reisch*		
	Nicole Linder		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*Clear, no odor*
Color/Stain:	*None*

Sampling Data

Method	*Grab*	Date/Time	*3/28/2014 9:35*

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

Field Parameters	
pH	*7.75*
Temp. (°C)	*10.90*
Spec. Cond. (mS/cm)	*0.540*
Turbidity (NTU)	*0.0*

Comments:

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-3*
Samplers	*Mike Reisch*		
	Nicole Linder		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*No odor, clear*
Color/Stain:	*No color*

Sampling Data

Method	*Grab*	Date/Time	*3/28/2014 10:00*

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

Field Parameters	
pH	*9.75*
Temp. (°C)	*8.18*
Spec. Cond. (mS/cm)	*0.625*
Turbidity (NTU)	*0.00*

Comments:

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-4*
Samplers	*Mike Reisch*		
	Nicole Linder		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*No odor, clear*
Color/Stain:	*None*

Sampling Data

Method	*Grab*	Date/Time	*3/28/2014 10:20*

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

Field Parameters	
pH	*10.55*
Temp. (°C)	*8.99*
Spec. Cond. (mS/cm)	*0.904*
Turbidity (NTU)	*0.0*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-1*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	40.50	feet
Initial Static Water Level (TOC)	*11.83*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *11/3/2014 12:20*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
40.50	*11.83*	*0.16*	*4.59*

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: *Grab* Date/Time: *11/3/2014 12:40*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*7.96*	*8.07*	*8.07*	*8.16*
Temp. (°C)	*14.18*	*13.37*	*12.93*	*12.73*
Spec. Cond. (mS/cm)	*1.67*	*1.67*	*1.66*	*1.67*
Turbidity (NTU)	*168*	*76.8*	*181.0*	*120.0*

Comments:

Duplicate Collected
-yellow tint at purge onset, cleared by ~3 gallons

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-2*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	42.35	feet
Initial Static Water Level (TOC)	*13.51*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *11/3/2014 11:45*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
42.35	*13.51*	*0.16*	*4.61*

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: *Grab* Date/Time: *11/3/2014 12:05*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*7.74*	*8.14*	*8.11*	*8.11*
Temp. (°C)	*15.67*	*14.58*	*13.79*	*13.22*
Spec. Cond. (mS/cm)	*1.32*	*1.58*	*1.64*	*1.64*
Turbidity (NTU)	*15.4*	*27.7*	*40.6*	*65.7*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-3*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	31.30	feet
Initial Static Water Level (TOC)	*6.05*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *11/3/2014 13:15*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
31.30	*6.05*	*0.16*	*4.04*

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: *13* gallons

Sampling Data

Method: *Grab* Date/Time: *11/3/2014 13:35*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*8.29*	*8.19*	*8.13*	*8.12*
Temp. (°C)	*12.65*	*12.07*	*11.67*	*11.62*
Spec. Cond. (mS/cm)	*1.16*	*1.24*	*1.24*	*1.25*
Turbidity (NTU)	*24.1*	*15.7*	*6.1*	*6.3*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-4*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	49.83	feet
Initial Static Water Level (TOC)	*18.29*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *11/3/2014 14:00*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
49.83	*18.29*	*0.16*	*5.05*

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: *16* gallons

Sampling Data

Method: *Grab* Date/Time: *11/3/2014 14:30*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*9.07*	*8.77*	*8.36*	*8.38*
Temp. (°C)	*10.82*	*10.64*	*10.57*	*10.60*
Spec. Cond. (mS/cm)	*0.797*	*0.834*	*1.17*	*1.36*
Turbidity (NTU)	*31.0*	*129*	*141*	*239*

Comments:

Turbid, brown

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-5*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	49.40	feet
Initial Static Water Level (TOC)	*18.97*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *11/3/2014 15:00*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
49.40	*18.97*	*0.16*	*4.87*

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: *15* gallons

Sampling Data

Method: *Grab* Date/Time: *11/3/2014 15:25*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*9.00*	*8.23*	*8.14*	*8.19*
Temp. (°C)	*10.91*	*10.70*	*10.68*	*10.59*
Spec. Cond. (mS/cm)	*0.574*	*1.30*	*1.35*	*1.35*
Turbidity (NTU)	*10.6*	*14.9*	*16.4*	*10.8*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-6*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	50.80	feet
Initial Static Water Level (TOC)	*20.90*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *11/3/2014 10:25*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
50.80	*20.90*	*0.16*	*4.78*

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: *Grab* Date/Time: *11/3/2014 10:50*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*8.32*	*7.72*	*7.36*	*7.18*
Temp. (°C)	*13.39*	*12.42*	*12.31*	*12.28*
Spec. Cond. (mS/cm)	*0.968*	*1.06*	*1.06*	*1.07*
Turbidity (NTU)	*6.2*	*14.9*	*8.7*	*6.2*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*MW-7*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	45.45	feet
Initial Static Water Level (TOC)	*21.15*	feet
Well Diameter	2.0	inches

Purging Data

Method: *Bailing* Date/Time: *11/3/2014 11:10*

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

Well depth	DTW	Casing Vol. per foot	Water Volume
45.45	*21.15*	*0.16*	*3.89*

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: *Grab* Date/Time: *11/3/1411:30*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

Field Parameters

	0 Volume	*1 Volume*	2 Volume	*3Vol/Sample*
pH	*8.81*	*8.13*	*7.78*	*7.75*
Temp. (°C)	*14.01*	*12.76*	*12.65*	*12.43*
Spec. Cond. (mS/cm)	*0.738*	*0.812*	*0.972*	*1.13*
Turbidity (NTU)	*4.6*	*8.8*	*8.9*	*6.9*

Comments:

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*RW-4*

Samplers: *Mike Reisch*; *Tom Palmer*

Total Well Depth (TOC)	52.15	feet
Initial Static Water Level (TOC)	*16.55*	feet
Well Diameter	10.0	inches

Purging Data

Method: *Low Flow Pumping* Date/Time: *11/4/2014 8:45*

Well depth	DTW	Casing Vol. per foot	Water Volume
NA	*NA*	*NA*	*NA*

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: *NA* gallons

Sampling Data

Method: Grab Date/Time: *11/4/2014 10:00*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

	Field Parameters	Depth to Water	pH	Temp (ºC)	Spec. Cond. (mS/cm)	Turbidity	Flow Rate (ml/min)
Elapsed Time (min)	0	*16.60*	*8.26*	*14.00*	*0.362*	*2.1*	0
	5	*16.80*	*7.37*	*13.25*	*0.360*	*1.1*	380
	10	*16.89*	*7.17*	*12.67*	*0.364*	*1.1*	380
	15	*16.95*	*7.13*	*12.88*	*0.363*	*1.1*	380
	20	*16.99*	*7.02*	*13.04*	*0.336*	*0.6*	380
	25	*17.02*	*6.96*	*12.89*	*0.362*	*0.9*	380
	30	*17.05*	*6.91*	*12.87*	*0.362*	*0.8*	380
	35	*17.07*	*6.90*	*12.87*	*0.363*	*0.9*	380
	40						380
	45						380
	50						380
	55						380
	60						380

Comments:

MS & MSD Collected
**Triple folume for MS/MSD*

WELL SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*RW-5*

Samplers: *Mike Reisch*, *Tom Palmer*

Total Well Depth (TOC)	52.30	feet
Initial Static Water Level (TOC)	*16.90*	feet
Well Diameter	8.0	inches

Purging Data

Method: *Low Flow Pumping* Date/Time: *11/4/2014 10:35*

Well depth	DTW	Casing Vol. per foot	Water Volume
NA	*NA*	*NA*	*NA*

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: *NA* gallons

Sampling Data

Method: *Grab* Date/Time: *11/4/2014 11:30*

Parameters	Bottle	Preservation	Method
VOC	40 ml	1:1 HCl	Grab
Semi Volatile	250 mL	None	Grab
PCB	250 mL	None	Grab

	Field Parameters	Depth to Water	pH	Temp (ºC)	Spec. Cond. (mS/cm)	Turbidity	Flow Rate (ml/min)
Elapsed Time (min)	0	*16.92*	*7.92*	*12.88*	*0.623*	*3.0*	0
	5	*17.15*	*8.49*	*12.13*	*0.638*	*0.4*	380
	10	*17.27*	*8.65*	*12.11*	*0.640*	*0.7*	380
	15	*17.40*	*8.72*	*12.34*	*0.638*	*0.2*	380
	20	*17.52*	*8.68*	*12.51*	*0.633*	*0.0*	380
	25	*17.62*	*8.71*	*12.53*	*0.639*	*0.0*	380
	30	*17.70*	*8.63*	*12.98*	*0.635*	*0.0*	380
	35	*17.75*	*8.61*	*13.27*	*0.630*	*0.0*	380
	40	*17.82*	*8.62*	*13.05*	*0.631*	*0.0*	380
	45	*17.86*	*8.63*	*13.12*	*0.632*	*0.0*	380
	50						380
	55						380
	60						380

Comments:

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-1*
Samplers	*Mike Reisch*		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*Slimy with sheen and oil odor*
Color/Stain:	*Clear*

Sampling Data

Method	*Grab*	Date/Time	*11/4/2014 13:15*

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

Field Parameters

pH	*8.41*
Temp. (°C)	*14.18*
Spec. Cond. (mS/cm)	*0.797*
Turbidity (NTU)	*40.1*

Comments:

Slime of oil on bailer; none other than that sheen in samples

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-2*
Samplers	*Mike Reisch*		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*Gritty feeling*
Color/Stain:	*No distict color, clear*

Sampling Data

Method	*Grab*	Date/Time	*11/4/2014 13:45*

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

Field Parameters

pH	*0.55*
Temp. (°C)	*14.06*
Spec. Cond. (mS/cm)	*0.783*
Turbidity (NTU)	*1.0*

Comments:

Water feels very gritty like it has sand suspended in it; it is almost visible to naked eye might settle out.

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-3*
Samplers	*Mike Reisch*		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*No odor*
Color/Stain:	*Clear*

Sampling Data

Method	*Grab*	Date/Time	*11/4/2014 14:15*

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

Field Parameters

pH	*13.01*
Temp. (°C)	*13.48*
Spec. Cond. (mS/cm)	*0.831*
Turbidity (NTU)	*3.0*

Comments:

No sheen, no gritty feel

SUMP WATER SAMPLING RECORD

Site Name	*Cherry Farms*	Well ID	*S-4*
Samplers	*Mike Reisch*		

Sample Description

Type of water body:	Sump
Physical Appearance/Odor:	*Slight gritty feeling, no sheen or odor*
Color/Stain:	*Clear*

Sampling Data

Method	*Grab*	Date/Time	*11/4/2014 14:45*

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

Field Parameters

pH	*13.10*
Temp. (°C)	*12.83*
Spec. Cond. (mS/cm)	*1.10*
Turbidity (NTU)	*0.0*

Comments:

APPENDIX D
2014 Remedial System Monitoring Data
and
Industrial Sewer Connection Permit

Appendix D - 2014 Remedial System Monitoring Data
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

	Wastewater Discharge Limit	Units	1/15/14	2/10/14	3/7/14	4/2/14	5/9/14	6/4/14	6/4/14*	7/10/14	8/1/14	9/5/14	9/22/2014**	10/8/14	11/5/14	12/3/14	12/23/14*
OWS/Influent																	
PCBs																	
Aroclor 1016	NA	ug/L	1.4	ND	ND	0.72	0.59	0.97	-	ND	ND	ND	-	ND	ND	ND	-
Aroclor 1221	NA	ug/L	3.5	ND	ND	ND	1.7	ND	-	ND	ND	ND	-	ND	ND	ND	-
Aroclor 1232	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	2.6	-	2.7	2.7	4.0	-
Aroclor 1242	NA	ug/L	ND	0.99	0.88	ND	ND	ND	-	0.92	1.0	ND	-	ND	ND	ND	-
Aroclor 1248	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	-	ND	ND	ND	-
Aroclor 1254	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	-	ND	ND	ND	-
Aroclor 1260	NA	ug/L	ND	0.068	ND	ND	ND	ND	-	ND	ND	ND	-	ND	ND	ND	-
Oil & Grease	100	mg/L	ND	ND	ND	ND	ND	ND	-	ND	4.3 J	1.5 J	-	ND	ND	ND	-
Between Carbon																	
PCBs																	
Aroclor 1016	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	-	ND	0.069	ND	-
Aroclor 1221	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	-	ND	ND	ND	-
Aroclor 1232	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	0.28	-	0.24	ND	0.35	-
Aroclor 1242	NA	ug/L	ND	ND	ND	0.086	ND	0.13	-	0.15	0.070	ND	-	ND	ND	ND	-
Aroclor 1248	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	-	ND	ND	ND	-
Aroclor 1254	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	-	ND	ND	ND	-
Aroclor 1260	NA	ug/L	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	-	ND	ND	ND	-
Oil & Grease	100	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ML-2 (Post-Carbon)																	
PCBs																	
Aroclor 1016	0.065 ***	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	0.065 ***	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	0.065 ***	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045 J	ND	ND	ND	ND	ND
Aroclor 1242	0.065 ***	ug/L	ND	ND	ND	ND	ND	ND	0.046 J	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	0.065 ***	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	0.065 ***	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	0.065 ***	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS	250	mg/L	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	ND
pH	5.0-9.5	SU	6.97	6.54	6.94	6.25	7.01	6.85	6.89	6.97	7.69	7.59	6.83	7.41	6.76	6.84	7.42
BOD	250	mg/L	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	ND
SGT TPH	100	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7 J	-
Total Cyanide	1.1	mg/L	-	-	-	-	-	-	0.036	-	-	-	-	-	-	-	0.035
Total Phosphorous	6	mg/L	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	ND
Total Zinc	4.4	mg/L	-	-	-	-	-	-	0.0032 J	-	-	-	-	-	-	-	0.0064 J B
Effluent Flow	NA	GPM	204,064	199,824	216,546	186,190	184,039	244,767	-	311,937	222,764	323,503	-	229,928	291,113	245,967	-

Notes:
- = not analyzed
* = semi-annual sampling event for ML-2
** = ML-2 was resampled due to PCB detection in sample collected on 9/5/2014
*** = discharge limit for all aroclors.
µg/L = micrograms per liter
mg/L = milligrams per liter
SU = standard unit (logrithmic scale)
PCBs = Polychlorinated Biphenyls
TSS = Total Suspended Solids
BOD = Biochemical Oxygen Demand
SGT TPH = Silica Gel Treated Total Petroleum Hydrocarbon per EPA Method 1664A
ND = Not Detected
GPM = Gallons per month
J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value
b = Result detected in the unseeded control blank
B = Comppound was found in the blank and sample
BOLD = concentration exceeds permitted Wastewater Discharge Limit

Permit No. 613

TOWN OF TONAWANDA

INDUSTRIAL SEWER CONNECTION PERMIT

Company Name: Cherry Farm/River Road PRP Group

Division Name (if Applicable)

Mailing Address: 495 Aero Drive, Suite 3
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 December 16, 2013 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, 2014

Expiration Date: December 31, 2016

Permit No. 613

Date: 12-30-13 Signed: Paul Morrow

Paul Morrow
Town of Tonawanda
Office of the Compliance Coordinator

Permit No. 613

Modified Date: _____

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, 2014 through December 31, 2016**

MONITORING LOCATION: **Inlet Sump (prior to any treatment)**

PARAMETERS	SAMPLE FREQUENCY	SAMPLE TYPE	PURPOSE
Oil and Grease	**Monthly**	**Grab**	**Monitoring**
PCB's (All Arochlors)	**Monthly**	**Grab**	**Monitoring**

MONITORING LOCATION #2: **Discharge Point to the Town Sewer**

MONITORING SPECIFICATIONS

A. *Monitoring for compliance with these locally derived limitations* ***at Monitoring Point 2 Discharge Point to Town Sewer*** *shall be performed as follows:*

Sample Type: Grab

PARAMETERS	SAMPLE FREQUENCY	Limit	PURPOSE
TPH* (1664 SGT)	**Monthly**	**100 mg/l**	**Compliance**
PCB's (All Arochlors)	**Monthly**	**0.065 ug/l**	**Compliance**
pH	**Monthly**	**5.0-9.5**	**Compliance**
BOD	**Semi-annual**	**250 mg/l**	**Surcharge**
TSS	"	**250 mg/l**	"
Total Phosphorous	"	**6.0 mg/l**	"
Zinc	"	**4.4 mg/l**	**Compliance**
Total Cyanide	"	**1.1 mg/l**	**Compliance** [1]

*** = Total Petroleum Hydrocarbons.**

Additional Analysis:

PARAMETERS	SAMPLE FREQUENCY	SAMPLE TYPE	PURPOSE
PCB's (Recovered Oil)	**Upon Disposal**	**Grab**	**Monitoring**

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:*

Paul Morrow, Pretreatment 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 Pretreatment 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 2011.
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 2011.

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.*

Permit No. 613

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.

Footnotes from page 2

Footnote 1- The Town of Tonawanda Wastewater Treatment Plant SPDES permit states that the Pretreatment Program will, " Require through Permits each SIU to collect one 24 hour flow proportioned sample composite (where feasible) effluent sample every six months and analyze each of those samples for all priority pollutants that can reasonably be expected to be detectable in that discharge at levels greater than level found in domestic sewage." Upon historical data review and review of your Industrial Waste Questionnaire analysis marked with this footnote were added to your permit to comply with our SPDES permit.

APPENDIX E
Institutional and Engineering Controls Certification Forms

Enclosure 2

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
Site Acreage: 56.0

Reporting Period: January 1, 2014 to December 31, 2014

	YES	NO
1. Is the information above correct?	☐	☐
If NO, include handwritten above or 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?	☐	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Closed Landfill	☐	☐
7. Are all ICs/ECs in place and functioning as designed?	☐	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

SITE NO. 915063 Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
51.20-1-1	Niagara Mohawk Power Corp.	Monitoring Plan O&M Plan Building Use Restriction Landuse Restriction

A Consent Order (CO) for a Remedial Investigation / Feasibility Study (RI/FS) was signed by the PRP group in April 1988. The RI/FS was completed and a Record of Decision (ROD) was signed in February 1991. Based on the results of additional investigations and pump tests completed in 1992, the ROD was amended on October 7, 1993. Due to common site history, former common ownership, similar waste and a similar Remedial Program, this site was combined with the adjacent River Road Site for Remedial Action. The remedy consisted of stabilization of the river bank, installation of a clean earth cover, extraction and treatment of groundwater and recovery and disposal of non-aqueous phase liquid. The design incorporated several habitat improvements including development of wetland buffer areas, fish embayment structures and specific vegetative cover along the Niagara River. A Consent Order for Remedial Design/Remedial Action (RD/RA) was signed in September 1994. The PRP Group developed a comprehensive remedial design for Cherry Farm and the adjoining River Road Site. The Remedial Design work was completed in February 1996. Shortly afterwards, in May 1996, Remedial Action work began and was completed in August of 1999. A Deed Restriction was placed on the property on January 27, 1999. The Construction Certification Report and the Operation, Maintenance and Monitoring Plan were approved in January, 2000.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
51.20-1-1	Leachate Collection Groundwater Treatment System Cover System Fencing/Access Control

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 permeable soil cap/cover was installed and seeded. Embayments and plantings were installed along the shoreline for habitat objectives.

Box 5

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 compete.

YES	NO
☐	☐

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
☐	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 915063

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 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 Brian Stearns (print name) at National Grid 300 Erie Blvd West, Syracuse NY 13202 (print business address)

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

2/26/15
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer 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 Cresap (print name) at GES, 364 Littleton Rd, Westford, MA (print business address)

am certifying as a Professional Engineer for the Remedial Party (Owner or Remedial Party)

STATE OF NEW YORK * GERALD H. CRESAP JR. * 087401 * LICENSED PROFESSIONAL ENGINEER

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

Date 6/20/2015

Enclosure 2

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. 915031

Site Name River Road Site

Site Address: 4100 River Road Zip Code: 14150
City/Town: Tonawanda
County: Erie
Site Acreage: 23.0

Reporting Period: January 1, 2014 to December 31, 2014

	YES	NO
1. Is the information above correct?	☐	☐
If NO, include handwritten above or 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?	☐	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Closed Landfill	☐	☐
7. Are all ICs/ECs in place and functioning as designed?	☐	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 915031

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
64.08-1-1.1	Niagara River World Inc.	Monitoring Plan O&M Plan

The property located at 4002 River Road owned by Niagara River World extends onto the River Road (915031) site and is a portion of the overall River Road (915031) site. The Cherry Farm (915063) River Road (915031) PRP Group performed the remedial action of the site based on the Amended ROD. The owner of Niagara River World did not participate in the remedial action. The site owner has not filed a deed restriction for this property. The Cherry Farm/River Road PRP Group continues to conduct the OM&M activities at the site and submits periodic inspection and annual reports.

64.08-1-3	Clarence Mat. Corp. c/o Lafarge N. Amr.	

The Clarence Materials property located at 4010 River Road in the Town of Tonawanda, Erie County is identified as part of the River Road site in the ROD dated March 24, 1994. However, the Clarence Materials site was not investigated as part of the River Road RI/FS nor was any remedial work completed on this site. Clarence Material Corporation is an active ready mix cement plant. No deed restrictions or environmental easements are in place.

64.08-1-4	Matthew L. Duggan, Jr.	Monitoring Plan O&M Plan

The property located at 4100 River Road owned by Matthew L. Duggan is a portion of the overall River Road (915031) site. The Cherry Farm (915063) River Road (915031) PRP Group performed the remedial action of the site based on the Amended ROD. The owner of 4100 River Rd. (Duggan) did not participate in the remedial action. The site owner has not filed a deed restriction for this property. The Cherry Farm/River Road PRP Group continues to conduct the OM&M activities at the site and submits periodic inspection and annual reports.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
64.08-1-1.1	Cover System Fencing/Access Control Leachate Collection Groundwater Treatment System

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 into a cell on the River Road portion of the site to settle. A permeable soil/cap cover was installed and seeded along with the installation of a shallow groundwater recovery well along the shoreline to collect leachate. The leachate is then pumped to an onsite treatment plant with discharge to the Town of Tonawanda POTW for further treatment.

64.08-1-3	Fencing/Access Control
64.08-1-4	Cover System Fencing/Access Control Groundwater Treatment System Leachate Collection

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 into a cell

Parcel	Engineering Control

on the River Road portion of the site to settle. A permeable soil/cap cover was installed and seeded along with with the installation of a shallow groundwater recovery well along the shoreline to collect leachate. The leachate is then pumped to an onsite treatment plant with discharge to the Town of Tonawanda POTW for further treatment.

Box 5

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 compete.

YES	NO
☐	☐

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
☐	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 915031

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 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 _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

_____ _____
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

IC/EC CERTIFICATIONS

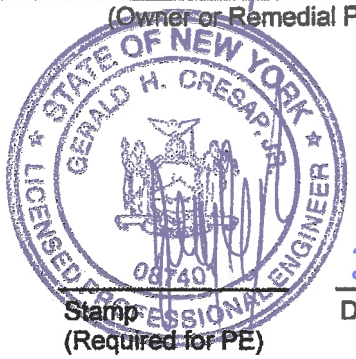
Box 7

Professional Engineer 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 Cresap at GES, 364 Littleton Rd, Westford, MA
print name print business address

am certifying as a Professional Engineer for the Remedial Party
(Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

2/20/2015
Date

APPENDIX F
Copy of 2014
Hazardous Waste Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 721401471206 SC PPW 8-10/2014 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD038641601
2. Page 1 of: 1
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 007759466 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: (800) 287-7857

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Clean Harbors Deer Park, LLC
2027 Independence Parkway South
La Porte, TX 77571
U.S. EPA ID Number: TXD055141378

Facility's Phone: (281) 930-2300

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS), 9, PG III (PCB'S)	001	DM	35	K	B007, OUTS4091 B
X	2. RQ, UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS), 9, PG III (PCB'S)	~~004~~ 003	DM	~~800~~ 600	K	B007, OUTS4091 B
X	3. RQ, UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (POLYCHLORINATED BIPHENYLS), 9, PG III (PCB'S)	001	DF	200	K	B007, OUTS4091 B
	4.					

14. Special Handling Instructions and Additional Information
1. CH362050 ERG#171 1X55
2. CH362050 ERG#171 3X55
3. CH362050 ERG#171 1X95

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/Offeror's Printed/Typed Name: On behalf of CF PRP Lawrence Kersch — Signature: [signature] — Month/Day/Year: 12 / 15 / 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Aaron Marano — Signature: [signature] — Month/Day/Year: 12 / 15 / 14
Transporter 2 Printed/Typed Name: — Signature: — Month/Day/Year:

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. H040 2. H040 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

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **GENERATOR'S INITIAL COPY**

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping

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: Chemtron PRP Group
EPA ID No. NYD038604601

Signature: _____
Date: _____

Manifest No.: 007534WAFLE

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)

[X] 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.

[X] 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."

TSCA MANIFEST CONTINUATION FORM

MANIFEST NUMBER: [illegible] GENERATOR NAME: [illegible]

ADDRESS: [illegible]

EPA ID NUMBER: [illegible]

ITEM	NUMBER	Type/ Description	Serial No. or Other ID No.	Date of Removal From Service For Disposal	Volume (gallons) or Weight (kilograms)
1	1	PCB CONTAINER	CHI542-01-103114	8-2-14	35K
2	1	PCB CONTAINER	CHI542-02-103114	3-10-14	200K
2	1	PCB CONTAINER	CHI542-03-103114	3-10-14	200K
2	1	PCB CONTAINER	CHI542-04-103114	3-10-14	200K
2	1	PCB CONTAINER	CHI542-05-103114	3-10-14	200K

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.

COPY>6: DESTINATION STATE-MAILED BY GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 72 1401471206 SC PPW 9/24/2014 Form Approved. OMB No.2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD038641601	1	(800) 483-3718	

5. Generator's Name and Mailing Address
Cherry Farm PRP Group
4100 River Road
Tonawanda, NY 14150
Generator's Phone: **(800) 287-7857**

Generator's Site Address(if different than mailing address)
SAME

6. Transporter 1 Company Name
Clean Harbors Environmental Services Inc

U.S.EPA ID Number
MAD039322250

7. Transporter 2 Company Name

U.S.EPA ID Number

8. Designed Facility Name and Site Address
Clean Harbors Deer Park, LLC
2027 Independence Parkway South
La Porte, TX 77571
Facility's Phone: **(281) 930-2300**

U.S.EPA ID Number
TXD055141378

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group(if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	**UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS), 9, PG III**	1				**B007** / **OUTS4091**
X	**UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS), 9, PG III**	4				**B007** / **OUTS4091**

14.Special Handling Instructions and Additional Information
1.CH362036 ERG#171
2.CH362050 ERG#171

15. GENERATION'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/Offeror's Printed/Typed Name | Signature | Month Day Year

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit :
Transporter Signature (for exports only): Date leaving U.S. :

17. Transporter Acknowledgement of Receipt of Materials
Transporter 1 Printed/Typed Name | Signature | Month Day Year
Transporter 2 Printer/Typed Name | Signature | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantiy ☐ 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. H040	2. H040	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

EPA Form 8700-22v (Rev. 3-05) Prevoius editions are obsolete.