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February 27, 2017

Mr. Brian Sadowski, Project Manager
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270 Michigan Avenue
Buffalo, New York 14203-2999

SUBJ: 2016 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 Niagara Mohawk Power Corp. d/b/a 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 (NYSDEC) and documents the implementation of and compliance with site management requirements for the site. The reporting period encompasses January 1, 2016 through December 31, 2016.

If you have any questions, please contact Genevieve Bock at (800) 360-9405 (ext. 4302).

Thank you.

Regards,

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*Periodic Review Report
2016 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:



495 Aero Drive, Suite 3
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February 2017



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EXECUTIVE SUMMARY

INTRODUCTION

This Periodic Review Report (PRR) and 2016 Annual Report for the Cherry Farm/River Road site (Site) summarizes the monitoring and maintenance activities conducted from January 1 through December 31, 2016. 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 (NYSDEC) approved changes, including elimination of nine extraction wells, and reduction in the sampling and analysis program. The OM&M manual has been subsequently updated by Groundwater & Environmental Services, Inc. (GES) with the latest NYSDEC-approved 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 former 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, the sampling event was conducted in the second quarter of 2016 (June 15-20, 2016).

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 *Groundwater (Class GA) Ambient Water Quality Standards/Guidance Values and Groundwater Effluent Limitations*, found in the *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 2016.

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



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sumps were used to construct hydrographs to evaluate hydraulic gradient. The water level data from the monitoring wells were used to construct groundwater contour maps. Groundwater contour maps and hydrographs are discussed in **Section 3** and included in **Figures 3.3a-d**, **Figures 3.4a-d**, and **Figures 3.5a-c**.

Routine cap/Site inspections were completed during the reporting period by 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. A formal inspection with NYSDEC personnel was conducted on March 7, 2016. The NYSDEC chose to forgo a second inspection during 2016.

Maintenance was performed on various components of the groundwater extraction and treatment system throughout the year. The maintenance operations were performed either as part of scheduled preventive maintenance or as necessary to maintain system compliance.

In accordance with the Town of Tonawanda Industrial Sewer Connection Permit for the Site, GES collected monthly and semi-annual treatment system samples for laboratory analyses. Monthly analyses include PCBs, 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 (**Appendix D**).

MONITORING SUMMARY

INTERMEDIATE/DEEP GROUNDWATER SAMPLING – SECOND QUARTER 2016

In the intermediate/deep groundwater samples from MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, RW-4, and RW-5, groundwater concentrations did not exceed Class GA standards for any VOC compounds. Benzene was the only VOC analyte detected in concentrations exceeding Class GA quality standards/guidance values at 11 micrograms per liter ($\mu\text{g/L}$) in well MW-5.

SVOCs and PCBs were not detected at or above the Class GA standards/guidelines in any sample collected in 2016.

SHALLOW GROUNDWATER SAMPLING – SECOND QUARTER 2016

VOCs were not detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Benzene and total xylenes were the only VOC analytes



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detected in concentrations exceeding Class GA quality standards/guidance values at 1.4 µg/L and 10 µg/L, respectively, in S-4.

Specific SVOC analytes were detected in concentrations exceeding Class GA quality standards/guidance values in S-1, S-2, S-3, and S-4:

- 2,4-dimethylphenol was detected at 7.0 µg/L in S-1, 1.5 µg/L in S-2, 18 µg/L in S-3, and 32 µg/L in S-4;
- 2-methylphenol was detected at 4.2 µg/L in S-3 and 12 µg/L in S-4;
- 4-chloro-3-methylphenol was detected at 3.1 µg/L in S-3; and,
- 4-methylphenol was detected at 27 µg/L in S-4.

Pesticides were not detected in concentrations exceeding Class GA quality standards/guidance values in any sample collected in 2016.

PCBs were not detected in concentrations exceeding Class GA quality standards/guidance values in sample S-2. The following shows PCB concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-3, and S-4:

- Aroclor 1232 was detected at 4.2 µg/L in S-3 and 0.79 µg/L in S-4; and,
- Aroclor 1248 was detected at 1.1 µg/L in S-1.

Concentrations of the metals iron and sodium exceeded Class GA standards/guidance in one or more samples. The following shows Class GA exceedances:

- Iron concentrations exceeded in S-1 at 640 µg/L and S-3 at 480 µg/L; and,
- Sodium concentrations exceeded in S-1 at 45,600 µg/L, S-2 at 105,000 µg/L, S-3 at 91,900 µg/L, and S-4 at 116,000 µg/L.

8 RCRA metals were below Class GA standards in all sump samples collected in 2016.

A sheen of light non-aqueous phase liquids (LNAPL) was observed during the June 2016 groundwater sampling event at sump S-1; however, the thickness of the LNAPL was too thin to be measured with an interface probe. Previously, LNAPL has not been identified in any of the monitored 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 Second Quarter 2016 sampling event.



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WATER LEVEL MONITORING

Quarterly water level monitoring was completed on March 21, June 20, September 26, and December 19, 2016. Water table elevations for the monitoring wells, observation wells, and sumps were predominantly higher than the water elevation of the Niagara River for the reporting period. This indicates that both the intermediate/deep and shallow groundwater is generally flowing towards the Niagara River.

SEMI-ANNUAL CAP INSPECTIONS

A cap inspection with NYSDEC personnel was conducted on March 7, 2016. There were no deficiencies noted during the inspection with the NYSDEC. The NYSDEC did not participate in the second semi-annual cap inspection. GES performed quarterly cap inspections in 2016.

SYSTEM EFFECTIVENESS

During system operation, the average flow rate for 2016 was approximately 5.13 gallons per minute (gpm), which is higher when compared to the average flow rate for 2015 (4.25 gpm). The system up-time for 2016 was approximately 92%. Approximately 2,489,940 gallons of groundwater were treated and discharged to the Town of Tonawanda Wastewater Treatment Facility during 2016. Based on the annual sampling data from the remedial system sumps and the total gallons treated and discharged by the system in 2016, approximately 0.156 pounds of VOCs, 0.643 pounds of SVOCs, 0.027 pounds of pesticides, and 0.032 pounds of PCBs were removed in 2016. No surface overflows were observed from the trench during the reporting period.

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**SECTION 1
SITE OVERVIEW**

1.1 SITE BACKGROUND

The 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**. 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 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, the New York State Department of Environmental Conservation (NYSDEC) and the Potentially Responsible Parties (PRPs) agreed 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 a 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.

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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 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 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;



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- 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, if present.

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.



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**SECTION 2
PROGRAM METHODOLOGY**

2.1 INSTITUTIONAL AND ENGINEERING CONTROLS

The following is a list of institutional and engineering controls set forth in the Record of Decision for the Site:

Cherry Farm

- Fencing/Access Control
- Cover System
- Groundwater Treatment System
- Monitoring Plan
- Operations, Maintenance and Monitoring (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 Periodic Review Reports (PRRs) and Annual Reports, **Table 2.1** and **Table 2.1a** provide brief descriptions of the controls for each site based on Groundwater & Environmental Services, Inc.'s (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 (9) locations, including seven (7) monitoring wells (MW-1 through MW-7) and two (2) former recovery wells (RW-4 and RW-5). The shallow groundwater quality was monitored at the four (4) sumps (S-1 through S-4) located in the collection trench. The monitoring wells and sumps were sampled on June 15 through 20, 2016. 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, the sampling event was conducted in the second quarter of 2016. The previous sampling event was conducted in the third quarter of 2015. Sample results from 2016 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 2016 are provided in **Appendix B**.

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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. Monitoring well MW-1 was sampled initially on June 15, 2016 then resampled on June 20, 2016 so that a matrix spike and matrix spike duplicate could be collected. All TCL VOCs, TCL SVOCs, and Total PCBs analytes from both monitoring well MW-1 samples were non detect. 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 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 2016 sampling event. Surface water has not been observed onsite since 2007.

2.4 WATER LEVEL MONITORING

Quarterly groundwater level monitoring was completed on March 21, June 20, September 26, and December 19, 2016. 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 efficacy 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 3.4a** through **3.4d**) provide a comparison of water levels in the monitoring/recovery wells and the water level of the river and show that intermediate/deep groundwater elevation at the Site is higher than the river. The only exception was during the September 26, 2016 monitoring event when observed groundwater elevations at monitoring wells MW-3 and MW-6 were below the observed river elevation.
- 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,

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which is ultimately intercepted by the shallow collection trench. The only exception was during the September 26, 2016 monitoring event when observed groundwater elevations at observation wells OW-1 and OW-4 were below the observed river elevation. The hydrographs (**Figures 3.5b** and **3.5c**) provide a comparison of water levels in the observation wells and the water level of the river.

- Sumps S-1 through S-4 were installed to assess shallow groundwater quality and to collect LNAPL, if present. The hydrograph (**Figure 3.5a**) 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. A formal cap inspection was completed with NYSDEC personnel on March 7, 2016. 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 annual NYSDEC inspection, there was no evidence of damage to the fencing, access gates, signage, or treatment building. The exterior lighting at the treatment building was noted to be deficient during inspection and was replaced on June 10, 2016. 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 15th, 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 (TPH). 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 (2) carbon units and analyzed for PCBs to monitor the effectiveness of the carbon. Treatment system analytical results for 2016 and a copy of the Industrial Sewer Connection Permit for 2014 through 2016 are provided in **Appendix D**. The Industrial Sewer Connection Permit was renewed in December 2016 for the time period of 2017 through 2019 and is included in **Appendix D**.



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On July 18, 2016 GES received analytical data from TestAmerica showing an effluent PCB concentration of 0.19 micrograms per liter ($\mu\text{g/L}$), which is above the discharge permit level of 0.065 $\mu\text{g/L}$. The system was shut down and the Town of Tonawanda was notified of the exceedance. ML-2 was resampled for PCBs and submitted to TestAmerica for rush analysis. On July 20, 2016 the re-sample results came back non-detect for PCBs and GES requested permission to restart the system from the Town of Tonawanda. On July 22, 2016 the system was restarted to allow system operation while plans were finalized to perform a complete carbon change of both system carbon filters. On July 29, 2016 the system was shut down to allow work to begin on the carbon change. On August 5, 2016 the system was restarted after draining, cleaning, re-filling, and rehydrating the carbon vessels. Subsequent ML-2 samples have all been non-detect for PCBs.

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, 2016 are provided in **Table 2.3**.

2.7 WASTE

Two 55-gallon drums containing spent carbon from the partial carbon change out conducted in November 2015 and one drum of PPE were generated at the Site in 2015. These three (3) drums were removed from the Site on February 15, 2016. Clean Harbors Environmental Services, Inc. (CHES) of East Syracuse, New York and transported the drums of waste to the Clean Harbors Deer Park, LLC disposal facility in Cincinnati, Texas. The hazardous waste manifest is included in **Appendix F**.

Twenty-seven 55-gallon drums of spent carbon were generated in August 2016 from the complete carbon change of both carbon vessels. The carbon was submitted for laboratory analysis and was profiled as non-hazardous waste for disposal. On October 17, 2016 the twenty-seven 55-gallon drums were transported by Environmental Service Group, Inc. (ESG) of Tonawanda, New York to the American Recyclers Inc. disposal facility in Tonawanda, New York. The non-hazardous waste manifest is included in **Appendix F**.

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**SECTION 3
MONITORING SUMMARY**

3.1 GROUNDWATER QUALITY

Annual sampling conducted on June 15 through 20, 2016, 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 (9) groundwater monitoring wells (MW-1 through MW-7, RW-4, and RW-5) and four (4) sumps (S-1 through S-4).

The 2016 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 June 2016 groundwater sampling event 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 and trend graphs for monitoring well samples are provided for VOCs (**Figure 3.1a** and **3.2a**), SVOCs (**Figure 3.1b** and **3.2b**), and PCBs (**Figure 3.1c** and **3.2c**), respectively. Concentration and trend graphs for the sump samples are provided for VOCs (**Figure 3.1d** and **3.2d**), SVOCs (**Figure 3.1e** and **3.2e**), PCBs (**Figure 3.1f** and **3.2f**), Pesticides (**Figure 3.1g** and **3.2g**), and 8-Resource Conservation and Recovery Act (RCRA) Metals (**Figure 3.1h** and **3.2h**), respectively. Copies of the groundwater sampling logs are provided in **Appendix C**.

3.1.1 Intermediate/Deep Groundwater Quality

INTERMEDIATE/DEEP GROUNDWATER SAMPLING – JUNE 2016

In the intermediate/deep groundwater unit, groundwater concentrations from wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, RW-4 and RW-5, did not exceed Class GA standards for any VOC compounds. VOCs have been absent from the monitoring wells since 2007. VOCs exceeding applicable standards have been detected in RW-4 and RW-5 as recently as November 2014.

Benzene was the only VOC analyte detected in concentrations exceeding Class GA quality standards/guidance values at 11 µg/L in well MW-5. However, the benzene detection above the Class GA standards/guidance value is consistent with historical trends at MW-5.

Total VOC concentration trends at the intermediate wells (MW-1 through MW-7) are either stable or decreasing based on all historic data. The slope of the Total VOC concentration trends

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at the deep wells (RW-4 and RW-5) appears to be positive based on all historic data. However, a Mann-Kendall statistical analysis of the historic Total VOC data from RW-4 and RW-5 indicates that there is “no trend” (RW-4: S = 19, Confidence Factor 83.5%; RW-5: S = -22; Confidence Factor = 87.2%). Concentrations at RW-4 have been below standards since the November 2014 sampling event. Additionally, the visual trend increase at RW-5 is predominately due to an anomalous high concentration detected in August 2012.

SVOCs and PCBs were not detected at or above the Class GA standards/guidelines in any sampled intermediate or deep well during 2016. Total SVOC concentration trends are generally stable or decreasing. Intermediate well MW-2 exhibits a Total SVOC trendline for all historic data with a positive slope; however, this is partly due to an anomalous high Total SVOC concentration from May 2013 and total SVOC concentrations have been non-detect since March 2014. Total PCB concentration trends are generally stable. Monitoring well MW-7 exhibits a historic PCB concentration trendline with a positive slope; however, this is due to one (1) anomalous PCB detection in August 2012. Since August 2012, PCB concentrations at MW-7 have been non-detect.

3.1.2 Shallow Groundwater Quality

SHALLOW GROUNDWATER SAMPLING – JUNE 2016

VOCs were not detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Benzene and total xylenes were the only VOC analytes detected in concentrations exceeding Class GA quality standards/guidance values in S-4, at concentrations of 1.4 µg/L and 10 µg/L, respectively. Total VOC concentration trends are generally stable or decreasing with the exception of S-4 which has an overall slightly increasing trend based on historic data.

Specific SVOC analytes were detected in concentrations exceeding Class GA quality standards/guidance values in S-1, S-2, S-3, and S-4. The following shows Class GA exceedances in shallow groundwater samples:

- 2,4-dimethylphenol was detected at 7.0 µg/L in S-1, 1.5 µg/L in S-2, 18 µg/L in S-3, and 32 µg/L in S-4.
- 2-methylphenol was detected at 4.2 µg/L in S-3 and 12 µg/L in S-4.
- 4-chloro-3-methylphenol was detected at 3.1 µg/L in S-3.
- 4-methylphenol was detected at 27 µg/L in S-4.

SVOC detection concentrations and total SVOC concentrations are within the normal, historical variation of SVOC detections/concentrations for these monitoring points. However, this is the first observed detection of 4-chloro-3-methylphenol at S-3. Total SVOC concentration

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Cherry Farm/River Road Site (NYSDEC 9-15-063/9-15-031)**

trends are generally stable or decreasing with the exception of S-4 which has an overall slightly increasing trend based on historic data.

Pesticides were not detected in concentrations exceeding Class GA quality standards/guidance values in any sample collected in 2016. Total pesticide concentration trends are stable or decreasing for all sumps.

PCBs were not detected in concentrations exceeding Class GA quality standards/guidance values in S-2. The following shows PCB concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-3, and S-4:

- Aroclor 1232 was detected at 4.2 µg/L in S-3 and 0.79 µg/L in S-4.
- Aroclor 1248 was detected at 1.1 µg/L in S-1.

PCB detection concentrations and total PCB concentrations are within the normal, historical variation of PCB detections/concentrations for monitoring points S-1, S-3, and S-4. Total pesticide concentration trends are generally stable or decreasing for all sumps.

Concentrations of the metals iron and sodium exceeded Class GA standards/guidance in one or more samples. The following shows Class GA exceedances:

- Iron was detected at 640 µg/L in S-1 and 480 µg/L in S-3.
- Sodium was detected at 45,600 µg/L in S-1, 105,000 µg/L in S-2, 91,900 µg/L in S-3, and 116,000 µg/L in S-4.

Detected metal concentrations are consistent with historical trends. However, concentrations of sodium in the sump samples were generally higher than historically observed concentrations.

RCRA-8 metals were below Class GA standards in all sump samples collected in 2016. Total RCRA-8 metals concentration trends are stable or decreasing for all sumps.

A sheen of LNAPL was observed during the June 2016 groundwater sampling event at sump S-1; however, the thickness of the LNAPL was too thin to be measured with an interface probe (less than 0.01 feet). Previously, LNAPL has not been identified in any of the monitored wells or sumps since August 2004.

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3.1.3 Surface Water Quality

Surface water was not present at sampling location SW-1, SW-2, or SW-3 during the June 2016 sampling event. 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 21 (**Figure 3.3a**), June 20 (**Figure 3.3b**), September 26 (**Figure 3.3c**), and December 19 (**Figure 3.3d**), 2016 water level data. Variations in flow direction are observed across the Site between the quarterly monitoring events. However, as has been consistently observed, the flow direction is primarily to the west, towards the Niagara River which is consistently at a lower elevation than the intermediate/deep groundwater elevations. The only exception in 2016 was during the September 26, 2016 monitoring event when observed groundwater elevations at monitoring wells MW-3 and MW-6 and observation wells OW-1 and OW-4 were below the observed river elevation. Additionally, during the December 2016 gauging event, the water table elevation in MW-4 and RW-5 was observed to be at least 5.7 feet higher than at all other intermediate/deep wells. These unusually high water table elevation readings at MW-4 and RW-5 during the December 2016 gauging event results in skewed water table elevation contours surround these wells (**Figure 3.3d**). The 2016 groundwater elevation data is provided in **Table 2.2** and hydrographs, with groundwater elevation data from 2012 to 2016, are provided in **Figures 3.4a-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 (4) 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 (4) 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 2**). The groundwater treatment system includes oil/water separation, flow equalization, pH adjustment, and granular activated carbon filtration.

Nine (9) observation wells were installed to monitor groundwater elevations and hydraulic gradients in the vicinity of the trenches. Six (6) observation wells (OW-1, OW-3, OW-4, OW-6,

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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 SDA.

3.2.2 System Effectiveness

During system operation, the average flow rate for 2016 was approximately 5.13 gallons per minute (gpm), which is higher when compared to the average flow rate for 2015 (4.25 gpm). The system up-time for 2016 was approximately 92%. Aside from normal down-time for routine maintenance checks, other issues that caused additional down-time were the replacement of electrical components related to a suspected lightning strike, line flushing events, a complete change of the carbon in both carbon vessels, and sporadic power outages. Approximately 2,489,940 gallons of groundwater were treated and discharged to the Town of Tonawanda Wastewater Treatment Facility during 2016. Based on the annual sampling data from the remedial system sumps and the total gallons treated and discharged by the system in 2016, approximately 0.156 pounds of VOCs, 0.643 pounds of SVOCs, 0.027 pounds of pesticides, and 0.032 pounds of PCBs were removed in 2016. Mass removal data is provided in **Table 3.3**. No surface overflows were observed from the trench during the reporting period.

2016 groundwater elevation data is provided in **Table 2.2**. Hydrographs for the sumps (**Figure 3.5a**) and shallow observation wells (**Figures 3.5b** and **3.5c**) provide groundwater elevation trends 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 (9) observation wells in 2016 were higher than the Niagara River, except OW-1 and OW-4 during the September 26, 2016 gauging event (OW-1 and OW-4 water elevations were 0.11 feet and 0.02 feet below the river staff gauge elevation, respectively). Historic water table elevations for the nine (9) 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 (4) sumps in 2016 were higher than the Niagara River during all gauging events. In reviewing the hydrographs for the sumps, historic water table elevations have generally remained slightly above the water elevation of the Niagara River.

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**SECTION 4
SUMMARY, CONCLUSIONS AND RECOMMENDATIONS**

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

June 2016 Intermediate/deep Aquifer –

- VOCs were not detected above Class GA quality standards/guidance values in wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, RW-4 and RW-5. VOCs have been absent from most of these monitoring points since 2007. Benzene was the only analyte detected in concentrations exceeding Class GA quality standards/guidance values at 11 µg/L in well MW-5. Benzene in MW-5 was consistent with historical trends.
- SVOCs and PCBs were not detected at or above the Class GA standards/guidance values in any sampled well during 2016.

June 2016 Shallow Groundwater –

- VOCs were not detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-2, and S-3. Benzene and total xylenes were the only VOC analytes detected in concentrations exceeding Class GA quality standards/guidance values at 1.4 µg/L and 10 µg/L, respectively, in S-4.
- Specific SVOC analytes were detected in concentrations exceeding Class GA quality standards/guidance values in S-1, S-2, S-3, and S-4. 2,4-dimethylphenol was detected at 7.0 µg/L in S-1, 1.5 µg/L in S-2, 18 µg/L in S-3, and 32 µg/L in S-4. 2-methylphenol was detected at 4.2 µg/L in S-3 and 12 µg/L in S-4. 4-chloro-3-methylphenol was detected at 3.1 µg/L in S-3. 4-methylphenol was detected at 27 µg/L in S-4. SVOC detection concentrations and total SVOC concentrations are within the normal, historical variation of SVOC detections/concentrations for these monitoring points. However, this is the first observed detection of 4-chloro-3-methylphenol at S-3.
- Pesticides were not detected at or above the Class GA standards/guidance values in any sampled sump during 2016.
- PCBs were not detected in concentrations exceeding Class GA quality standards/guidance values in sample S-2, but were detected in concentrations exceeding Class GA quality standards/guidance values in samples S-1, S-3, and S-4.

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Cherry Farm/River Road Site (NYSDEC 9-15-063/9-15-031)**

Aroclor 1232 was detected at 4.2 µg/L in S-3 and 0.79 µg/L in S-4. Aroclor 1248 was detected at 1.1 µg/L in S-1. PCB detection concentrations are within the normal variation of the historical range for these monitoring points.

- Concentrations of the metals iron and sodium exceeded Class GA standards/guidance in one or more samples. Iron concentrations exceeded in S-1 at 640 µg/L and S-3 at 480 µg/L. Sodium concentrations exceeded in S-1 at 45,600 µg/L, S-2 at 105,000 µg/L, S-3 at 91,900 µg/L, and S-4 at 116,000 µg/L. Metal concentrations are consistent with historical trends although sodium concentrations were observed to be high during the 2016 sampling event. RCRA-8 metals were below Class GA standards in all sump samples collected in 2016.
- A sheen of LNAPL was observed during the June 2016 groundwater sampling event at sump S-1; however, the thickness of the LNAPL was too thin to be measured with an interface probe (less than 0.01 feet). Previously, LNAPL has not been identified in any of the monitored wells or sumps since August 2004.

Other Conclusions/Recommendations –

- There was no surface water present in any of the surface water sampling points at the time of the June 2016 sampling event.
- Based on the water elevation of the river and the water table elevation in the intermediate/deep and shallow monitoring well network, groundwater flow continues to be generally to the west, towards the Niagara River.
- There were no deficiencies noted during GES's routine monthly cap inspections or during the cap inspection with NYSDEC personnel on March 7, 2016. However, during the March 7, 2016 inspection it was noted that lighting on the system building needed repair. These repairs were conducted in June 2016.
- Routine cap inspections shall continue on a monthly basis to confirm that this engineering control remains effective.
- During system operation, the average flow rate for 2016 was approximately 5.13 gallons per minute (gpm), which is higher when compared to the average flow rate for 2015 (4.25 gpm). The system up-time for 2016 was approximately 92%. Approximately 2,489,940 gallons of groundwater were treated and discharged to the Town of Tonawanda Wastewater Treatment Facility during 2016. Based on the annual sampling data from the remedial system sumps and the total gallons treated and discharged by the system in 2016, approximately 0.156 pounds of VOCs, 0.643 pounds of SVOCs, 0.027 pounds of pesticides and 0.032 pounds of PCBs were removed in 2016. No surface overflows were observed from the trench during the reporting period.

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- 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**.
- Routine system operation and maintenance shall continue to ensure that the system discharge remains in compliance with the sewer discharge permit.
- Periodic Review Reports will continue to be submitted on an annual basis.

Request for Change to the Groundwater Sampling Program –

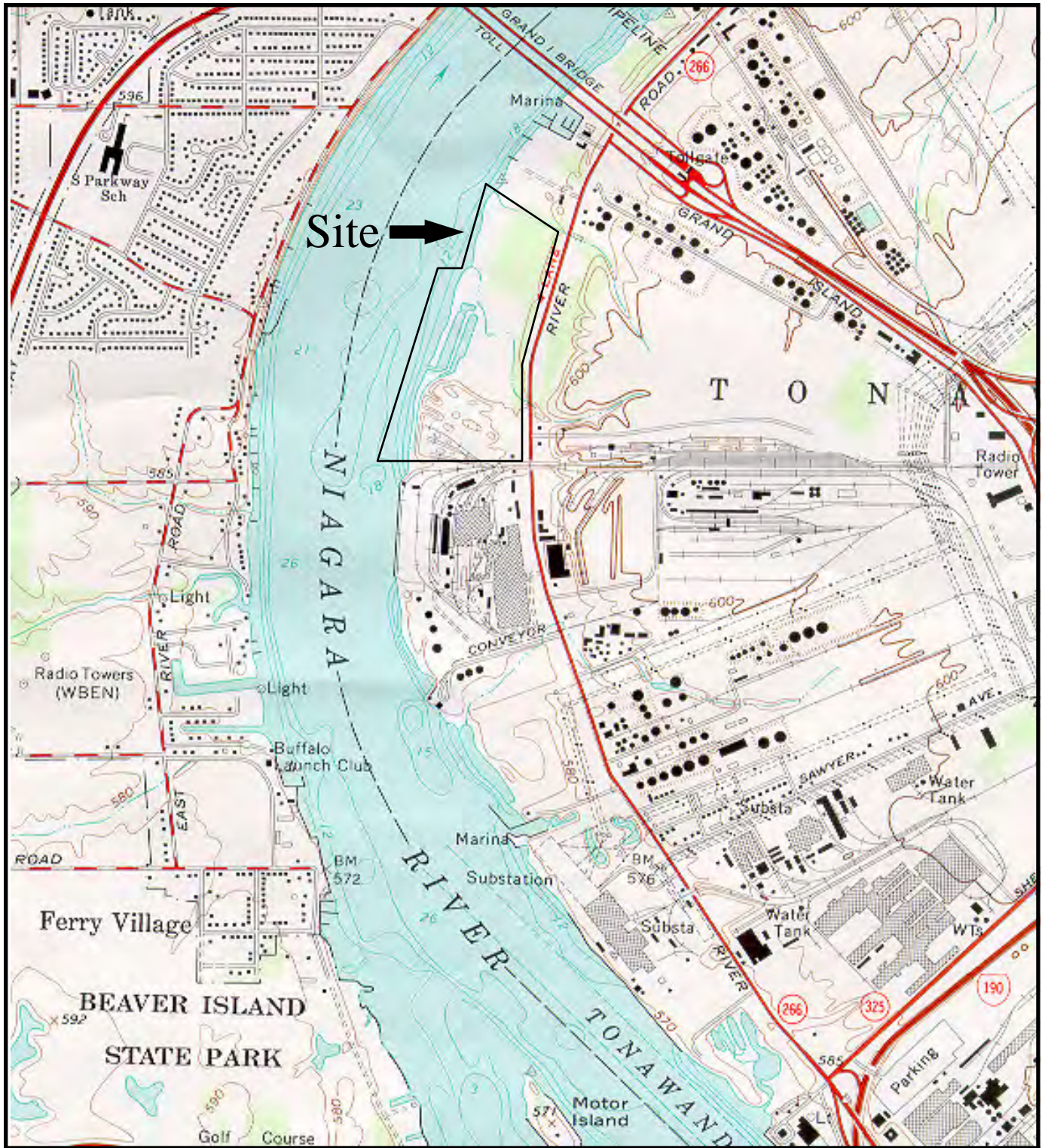
On behalf of the Potentially Responsible Parties Group (PRP Group) of Honeywell International Inc. and Niagara Mohawk Power Corp. d/b/a National Grid, GES is requesting approval for a reduction in the number of monitoring wells sampled on an every three (3) quarter basis at the Site.

Based on recent and historic groundwater sampling activities, GES proposes the discontinuation of groundwater sampling activities at the following wells:

- MW-2;
 - MW-2 is located on the upgradient boundary of the Site and there have been no exhibited detections of any monitored compound since May of 2013. As MW-1 is also an upgradient monitoring location, continued sampling of MW-2 is redundant;
- MW-3;
 - MW-3 is the furthest monitoring well cross-gradient of the remaining impacts to the north. There have been no exhibited detections of any monitored compound at MW-3 since May of 2013. As MW-4 is also located cross-gradient of the Site impacts to the north and has also had no detections above standards since May 2013, continued sampling of MW-3 is redundant;
- MW-7; and,
 - MW-7 is the furthest monitoring well cross-gradient of the remaining impacts to the south. There have been no exhibited detections of any monitored compound at MW-7 since May of 2013. As MW-6 is also located cross-gradient of the Site impacts to the south and has also had no detections above standards since May 2013, continued sampling of MW-7 is redundant.

Groundwater sampling would therefore continue at intermediate/deep wells MW-1, MW-4, MW-5, MW-6, RW-4, and RW-5. No change to the current liquid level monitoring requirements is proposed. Monitoring wells MW-1 through MW-7, RW-4, RW-5, and observation wells OW-1 through OW-9 will continue to be monitored for water table elevation on a quarterly basis to evaluate the hydraulic gradient of Site groundwater towards the river.

FIGURES



NEW YORK



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

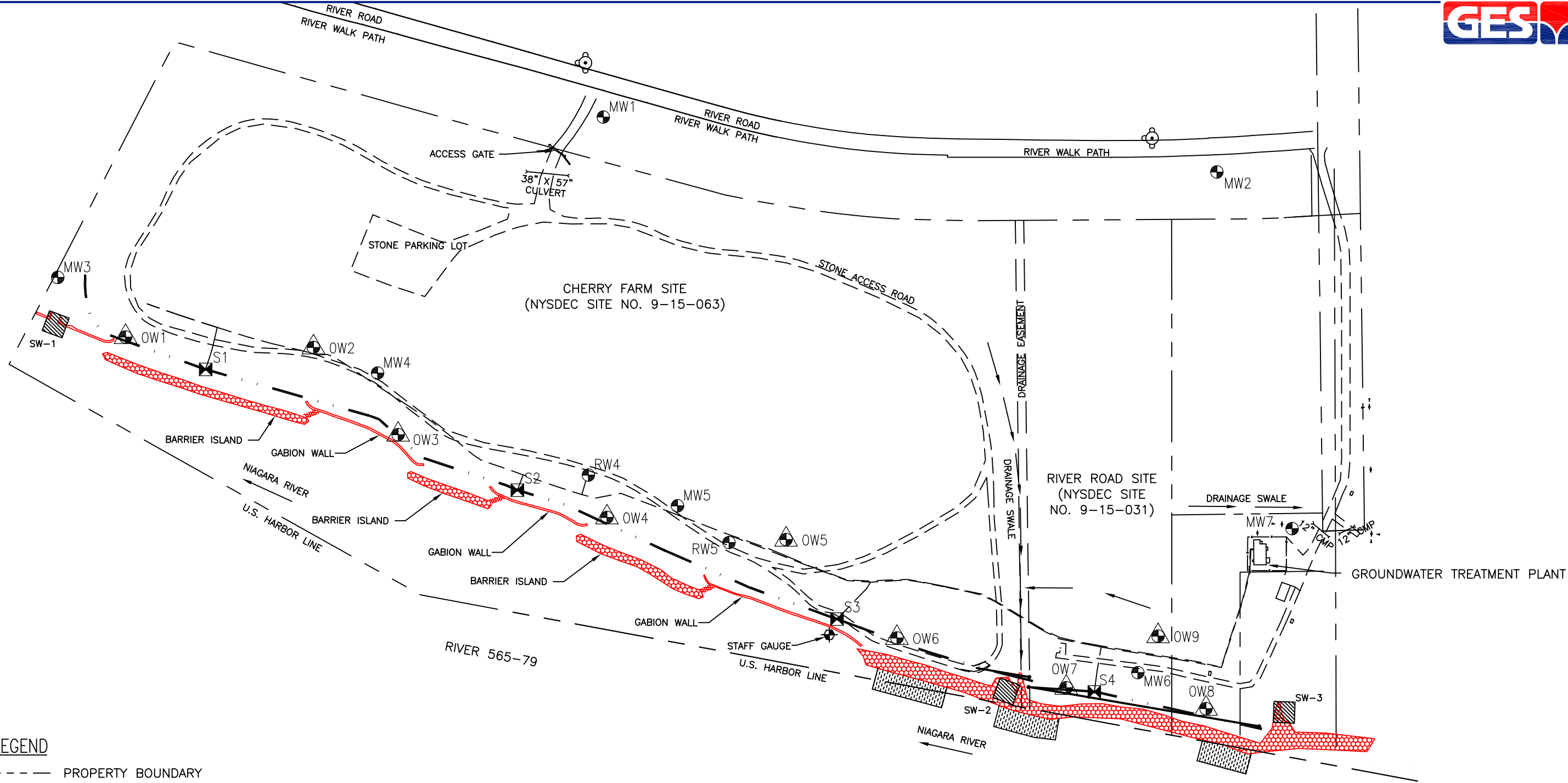
Figure 1

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

SITE LOCATION MAP

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.
 495 AERO DRIVE, CHEEKTOWAGA, NEW YORK 14225

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



LEGEND

- PROPERTY BOUNDARY
- x - FENCE
- ▣ TRENCH SUMP
- ⊕ MONITORING WELL
- ⊕ OBSERVATION WELL
- · - · - SHALLOW GROUNDWATER TRENCH
- - - - GROUNDWATER CONVEYANCE PIPING

DRAFTED BY: W.G.S. (N.J.)	SITE MAP	
CHECKED BY: J.K.C.	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK	
REVIEWED BY: G.B.	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225	
NORTH 	SCALE IN FEET 	DATE 6-1-15
	0 APPROXIMATE 250	FIGURE 2

M:\Graphics\0900-Buffer\0\Misc\Cherry Farms\Tonawanda\Cherry Farms (Tonawanda) SW.dwg, B-250, 6/1/2015 9:14:45 AM, WShea

Figure 3.1a - Monitoring Well Concentrations - Total VOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

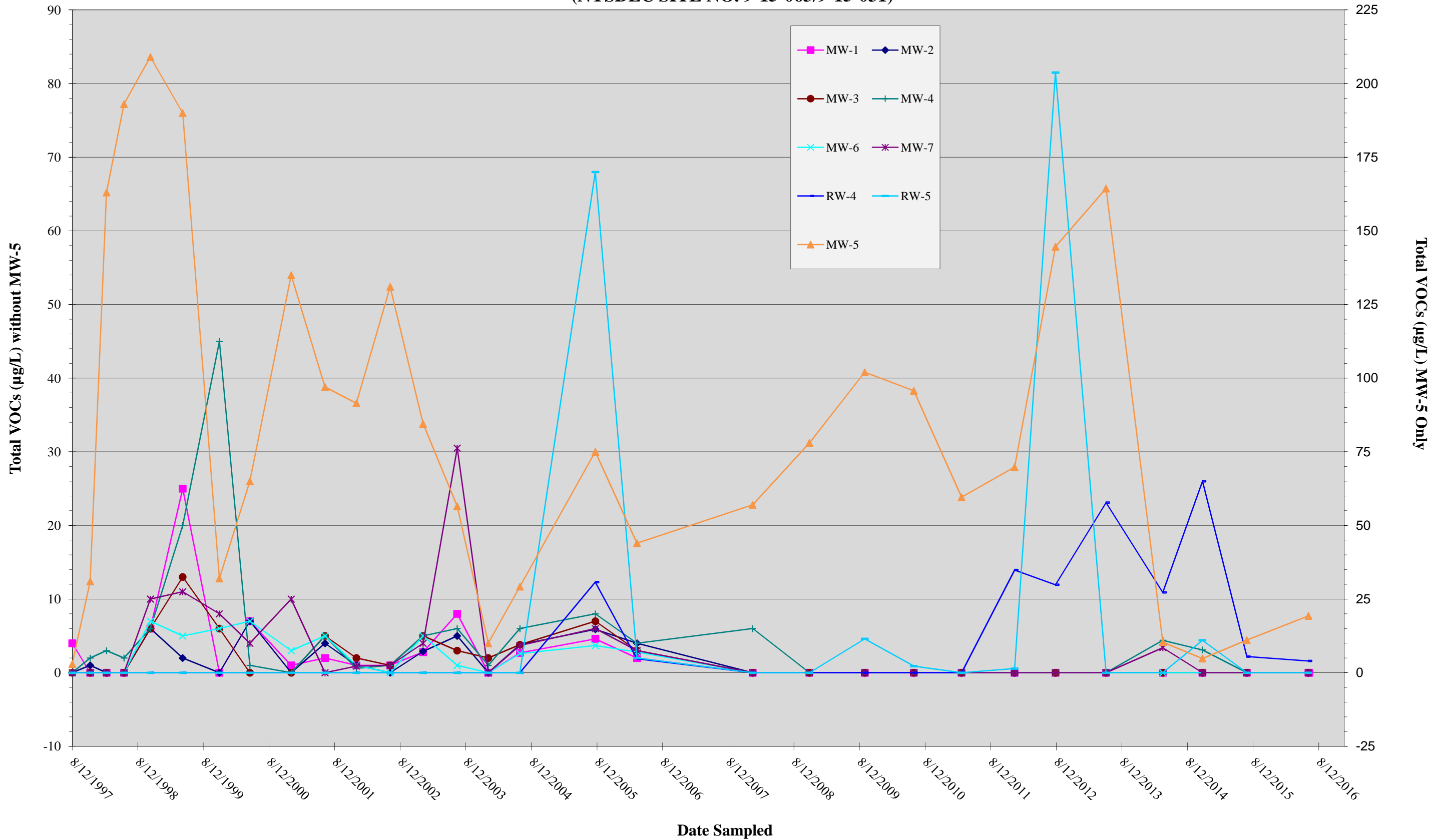


Figure 3.1b - Monitoring Well Concentrations - Total SVOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

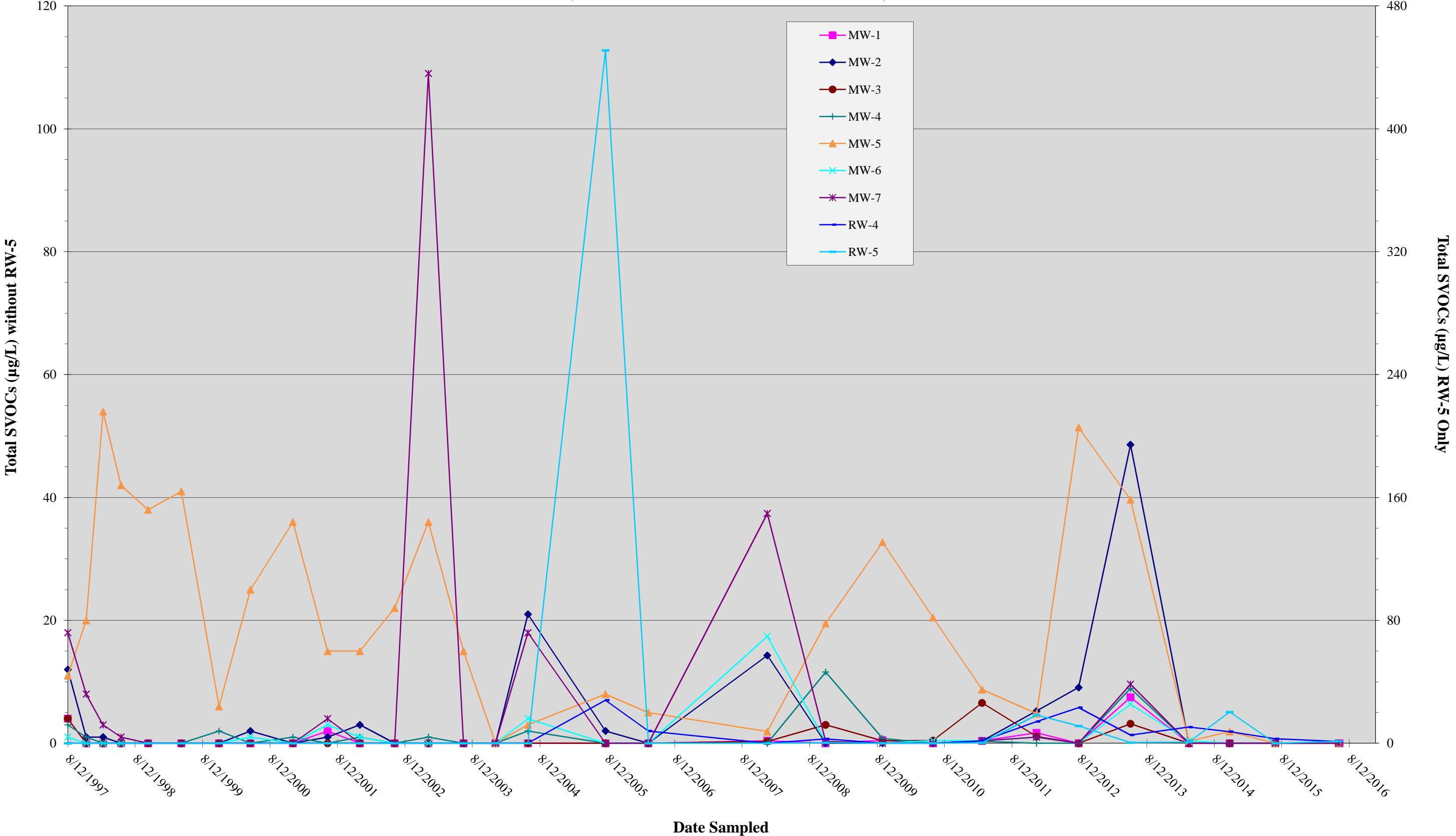
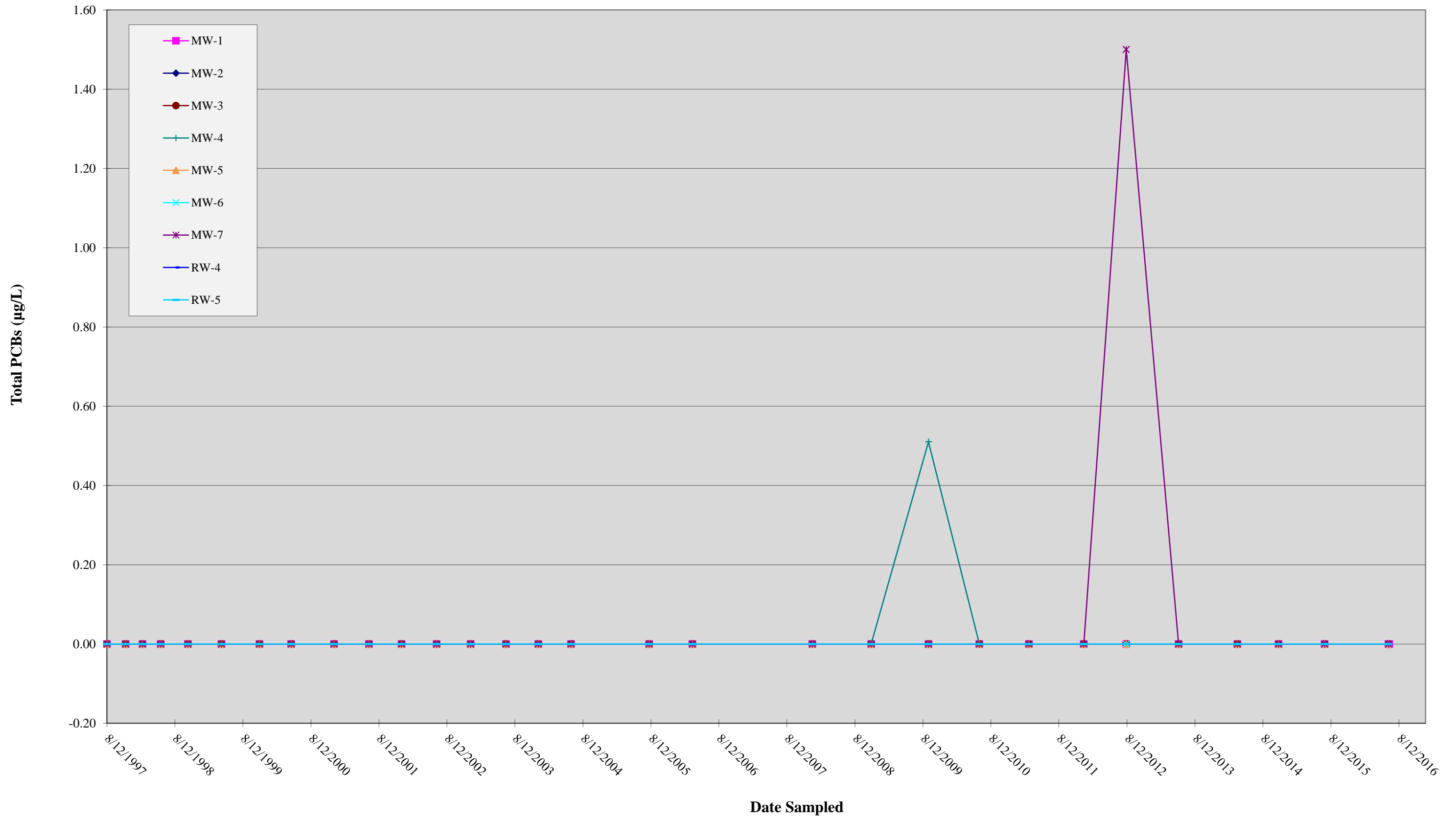
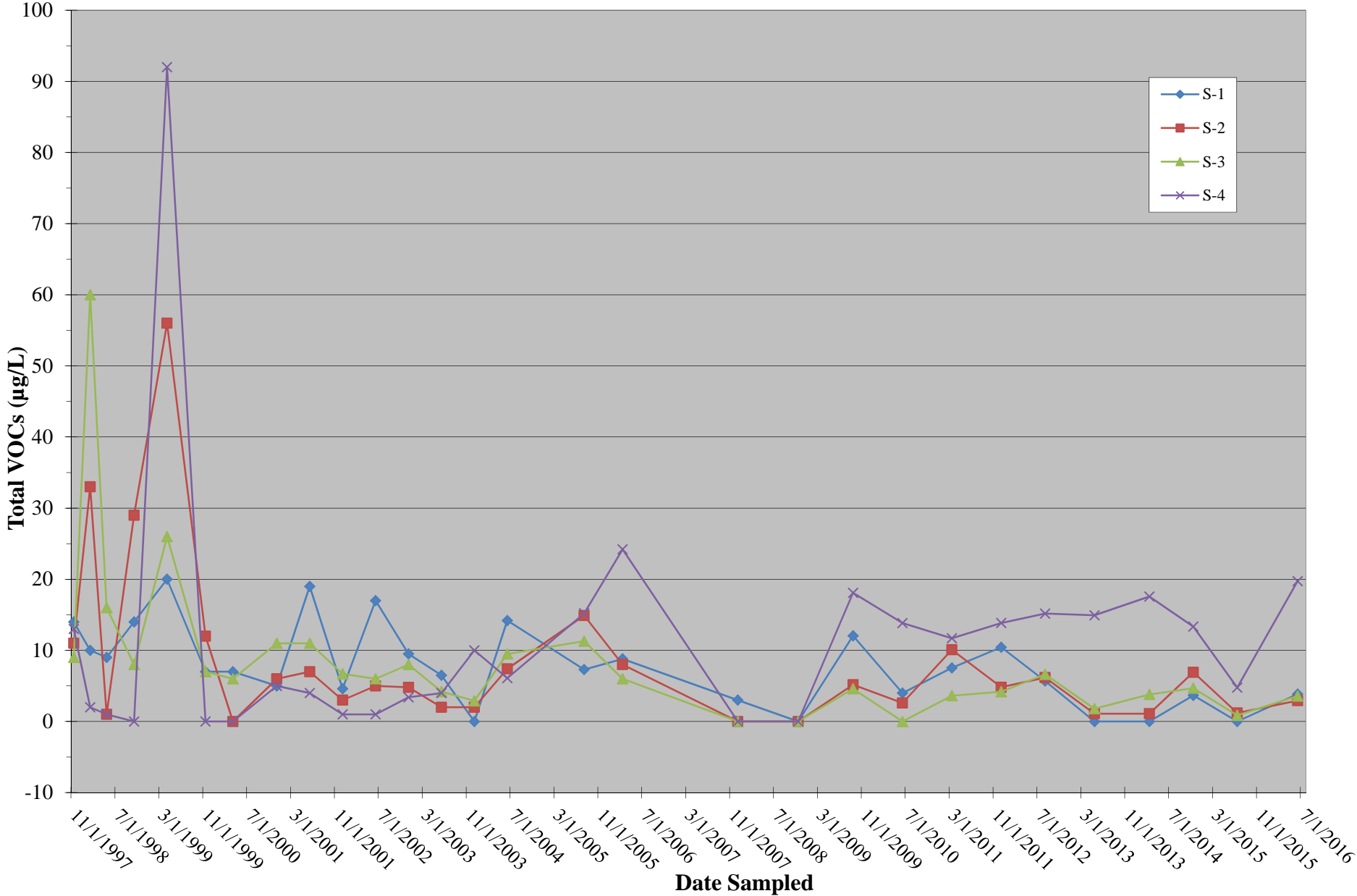


Figure 3.1c - Monitoring Well Concentration Trend - Total PCBs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



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

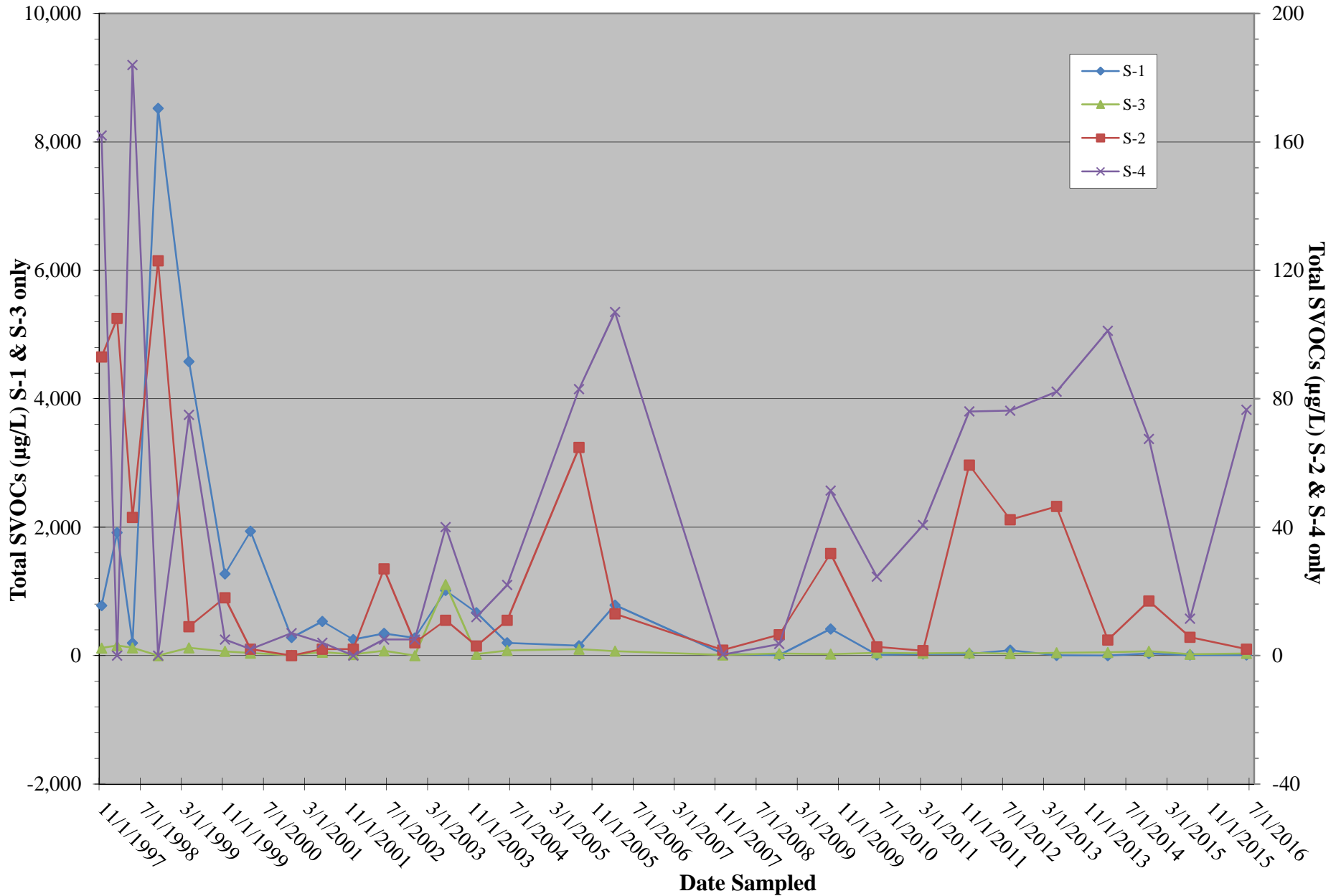


Figure 3.1f - Sump Concentration - Total PCBs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

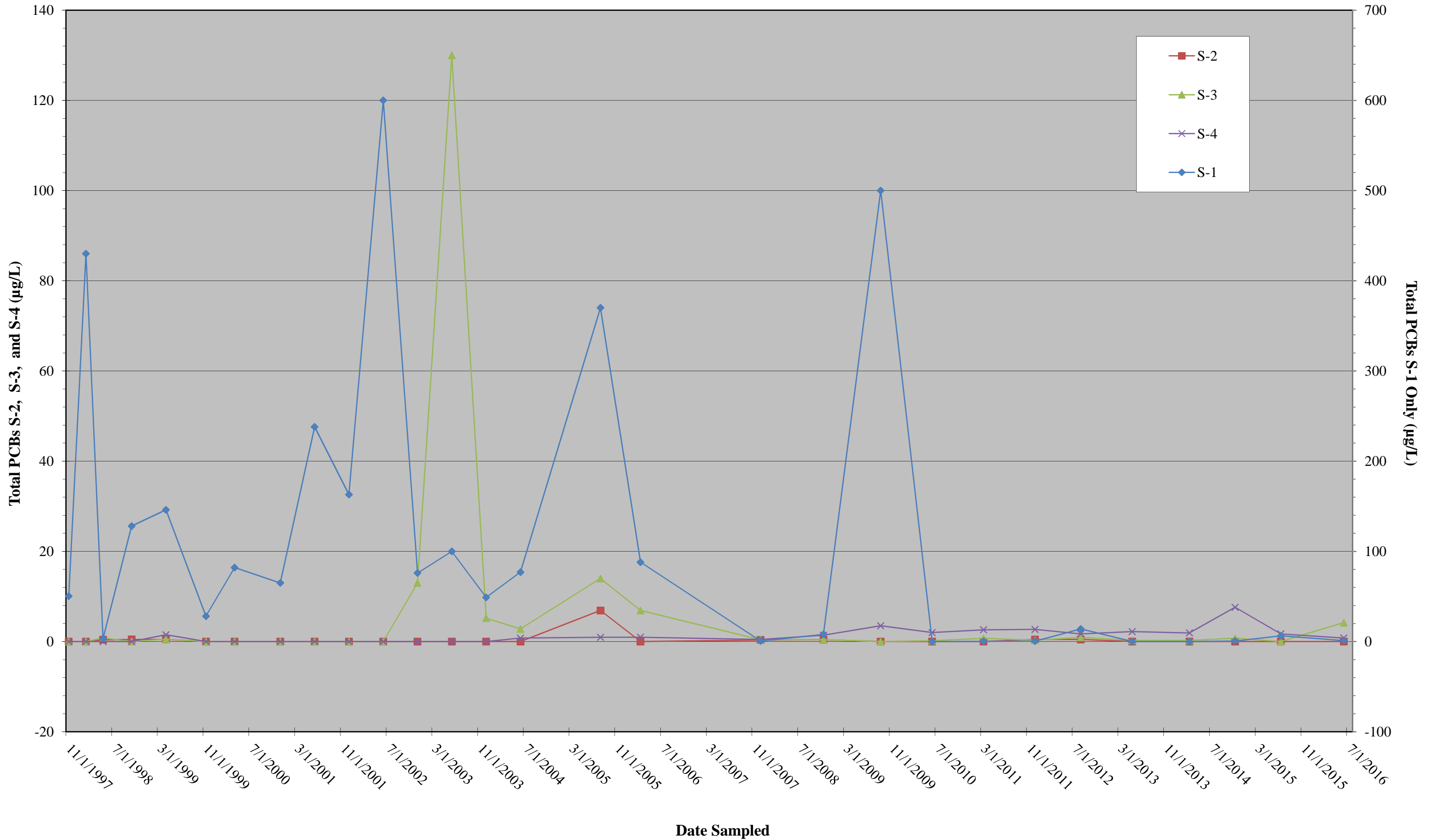


Figure 3.1g - Sump Concentration - Total Pesticides
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

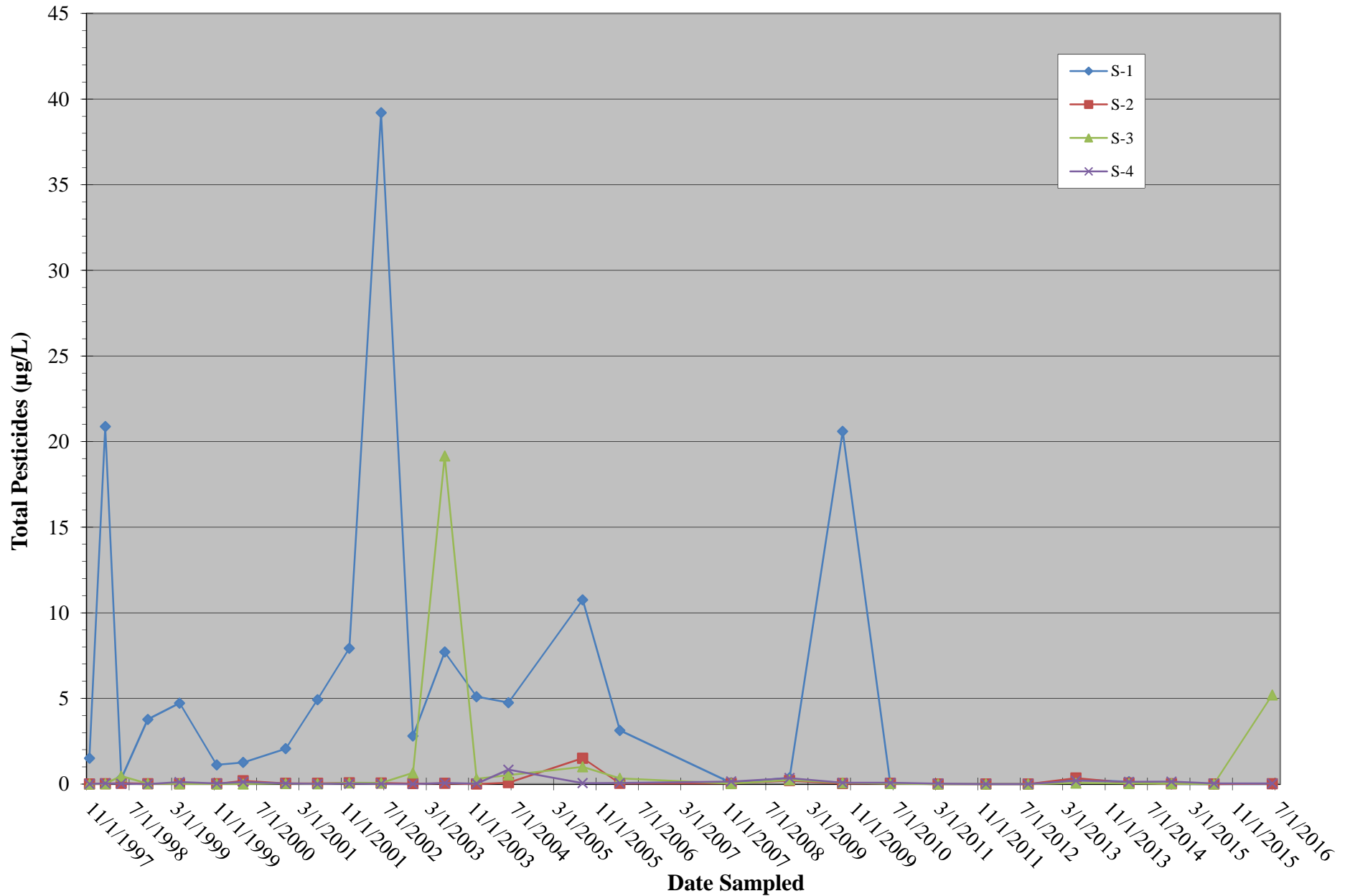


Figure 3.1h - Sump Concentration - Total 8-RCRA Metals
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

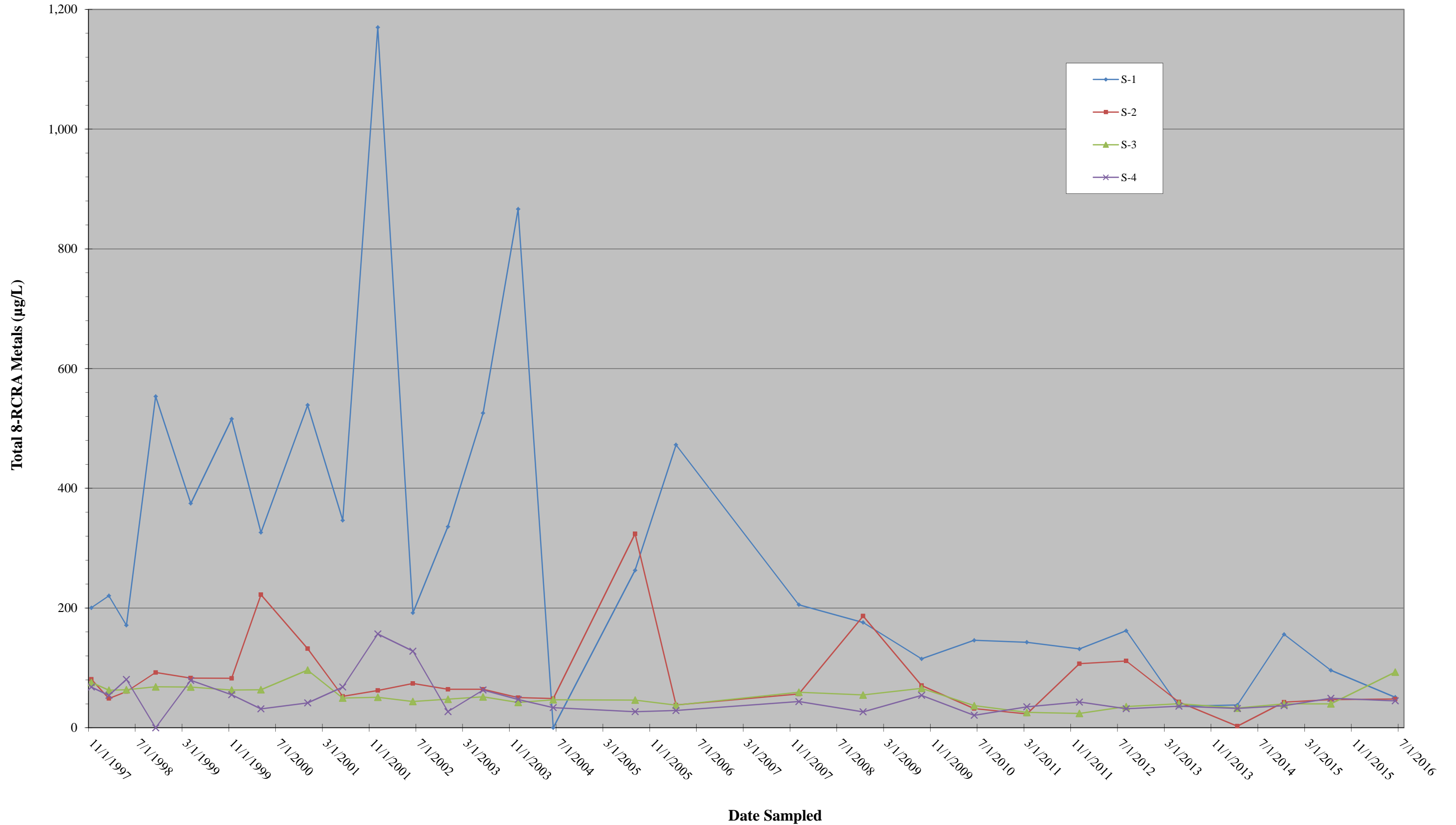


Figure 3.2a - Monitoring Well Trends - Total VOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

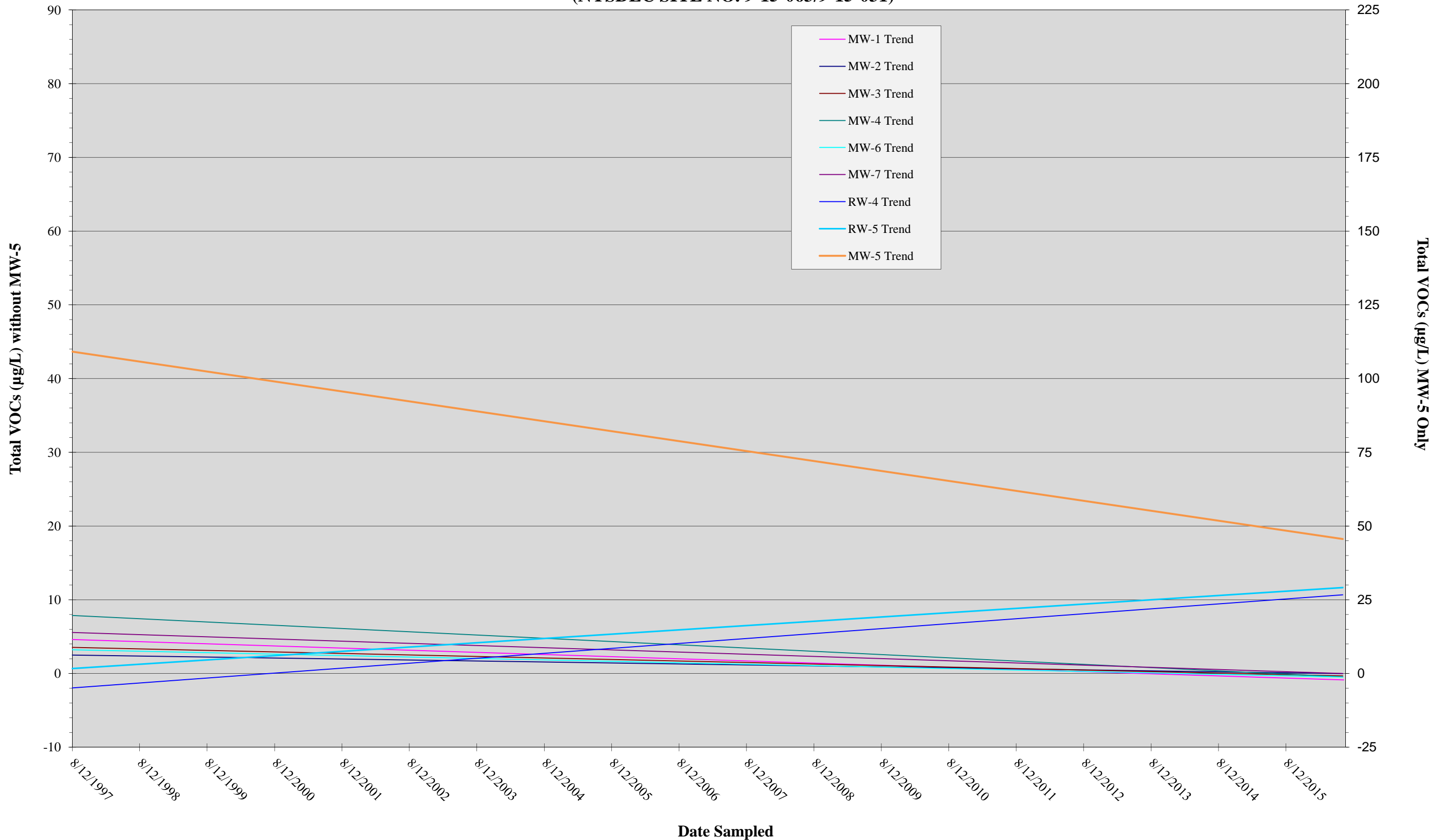


Figure 3.2b - Monitoring Well Trends - Total SVOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

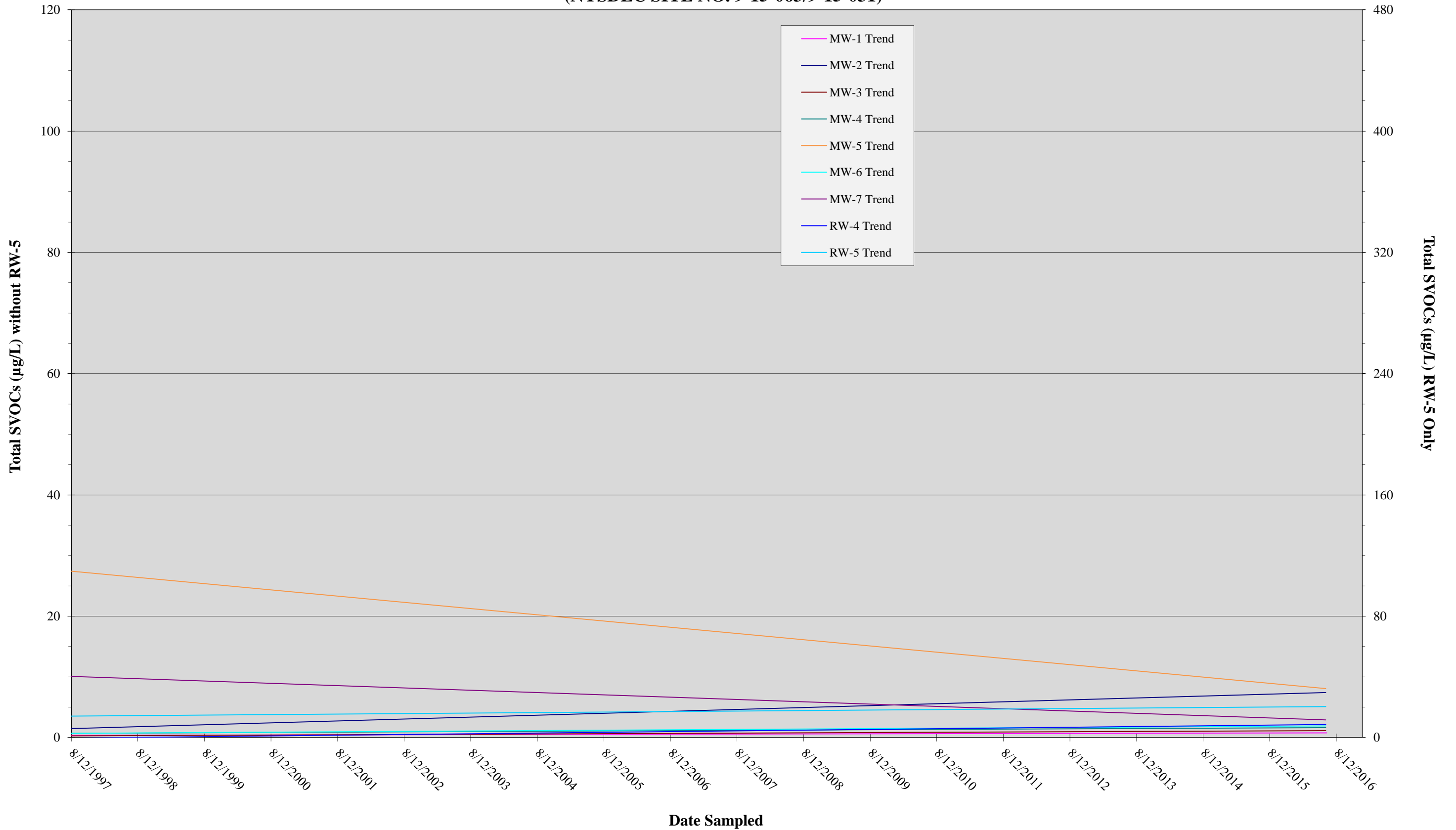


Figure 3.2c - Monitoring Well Trend - Total PCBs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

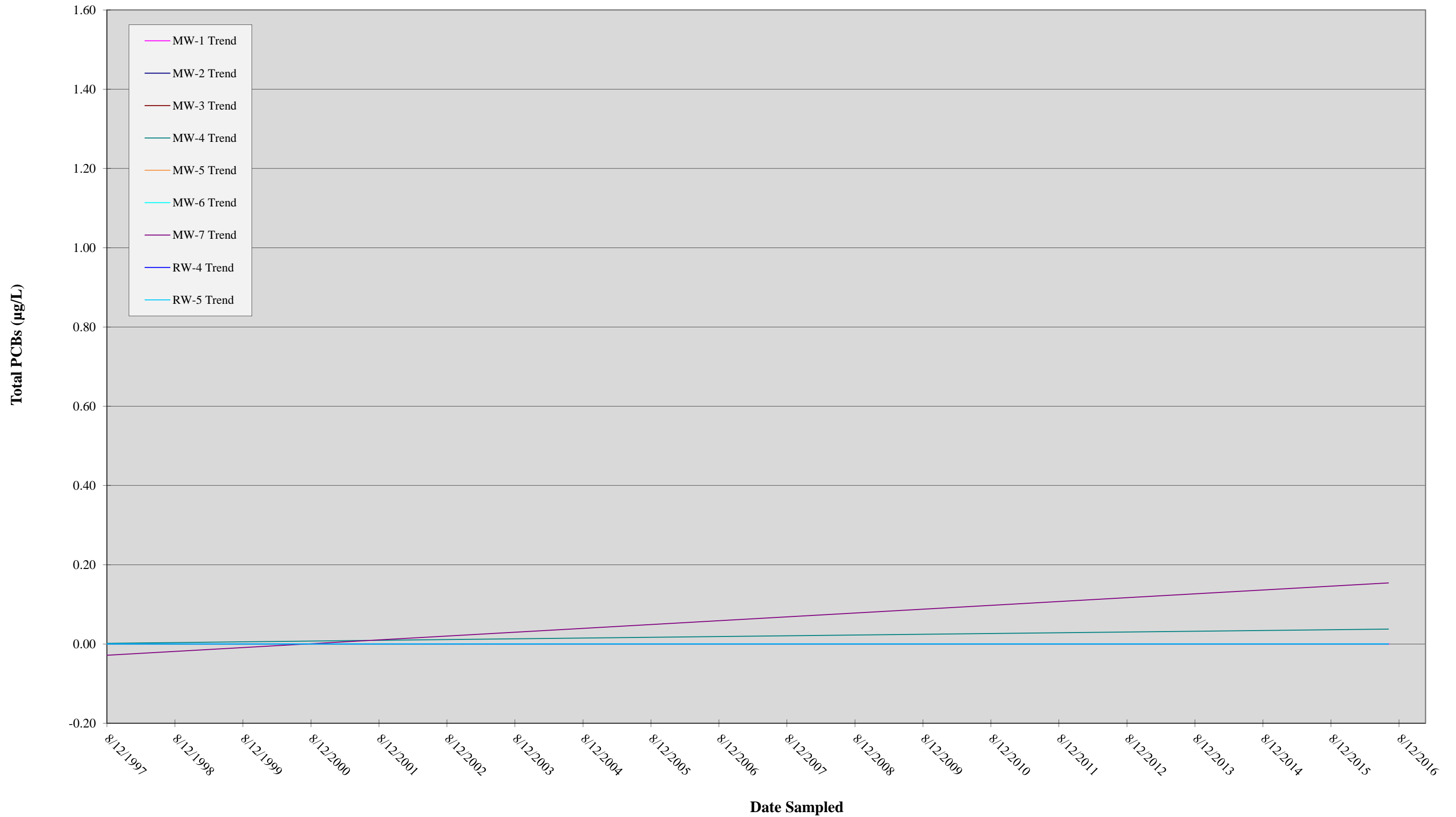
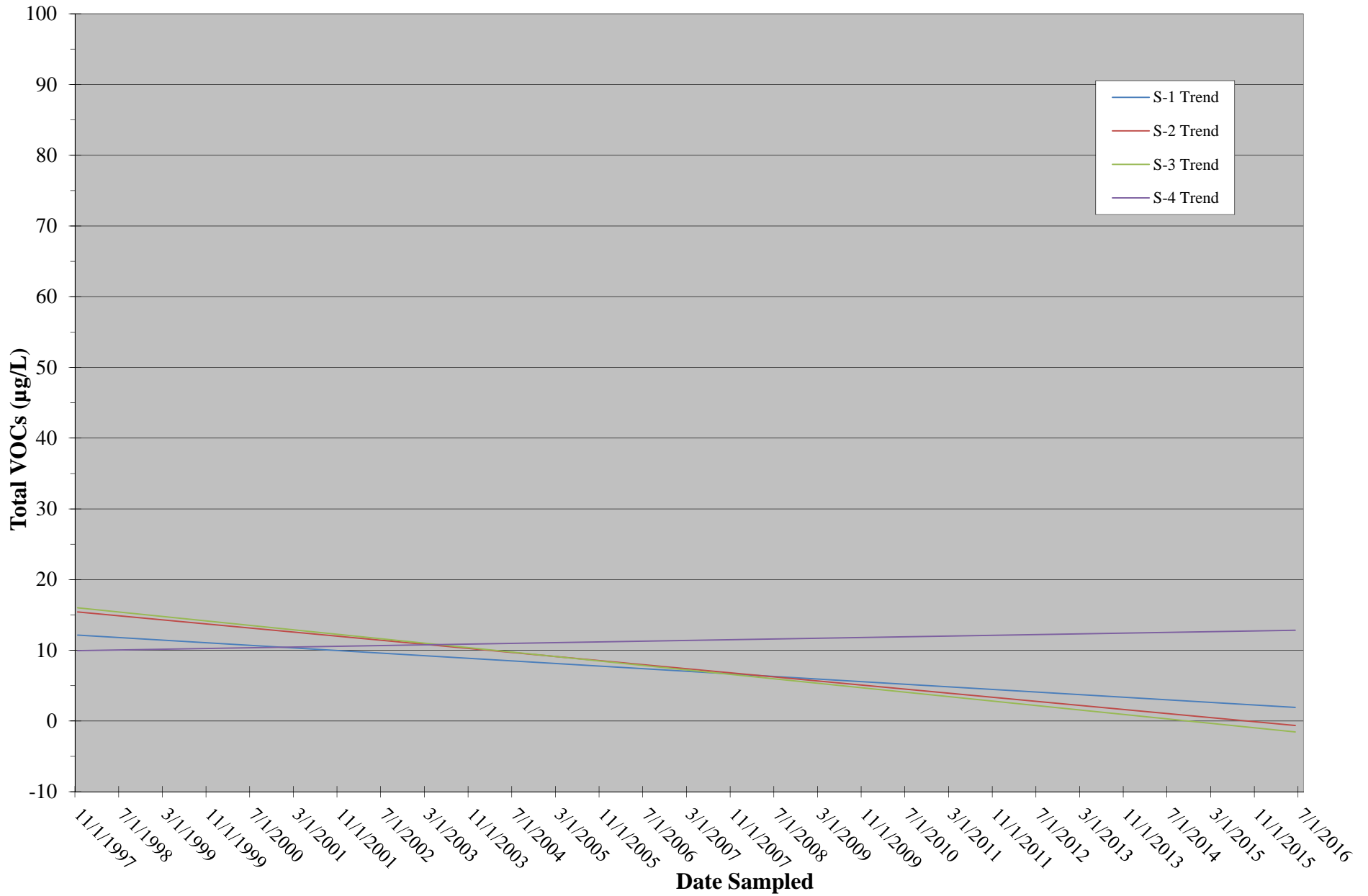


Figure 3.2d - Sump Trends - Total VOCs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



**Figure 3.2e - Sump Trends - Total SVOCs
 CHERRY FARM / RIVER ROAD SITE
 4100 RIVER ROAD, TONAWANDA, NEW YORK
 (NYSDEC SITE NO. 9-15-063/9-15-031)**

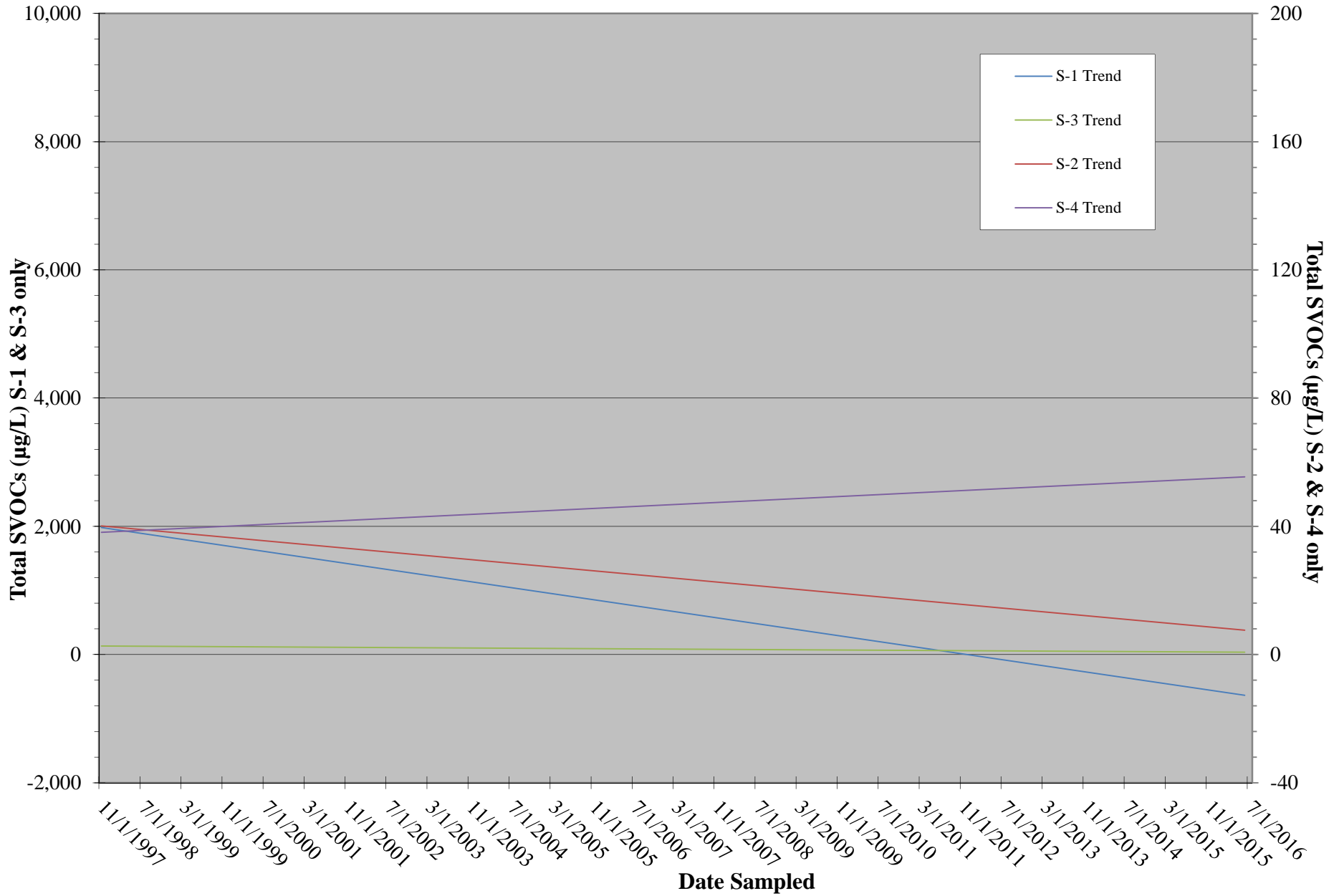


Figure 3.2f - Sump Trends - Total PCBs
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

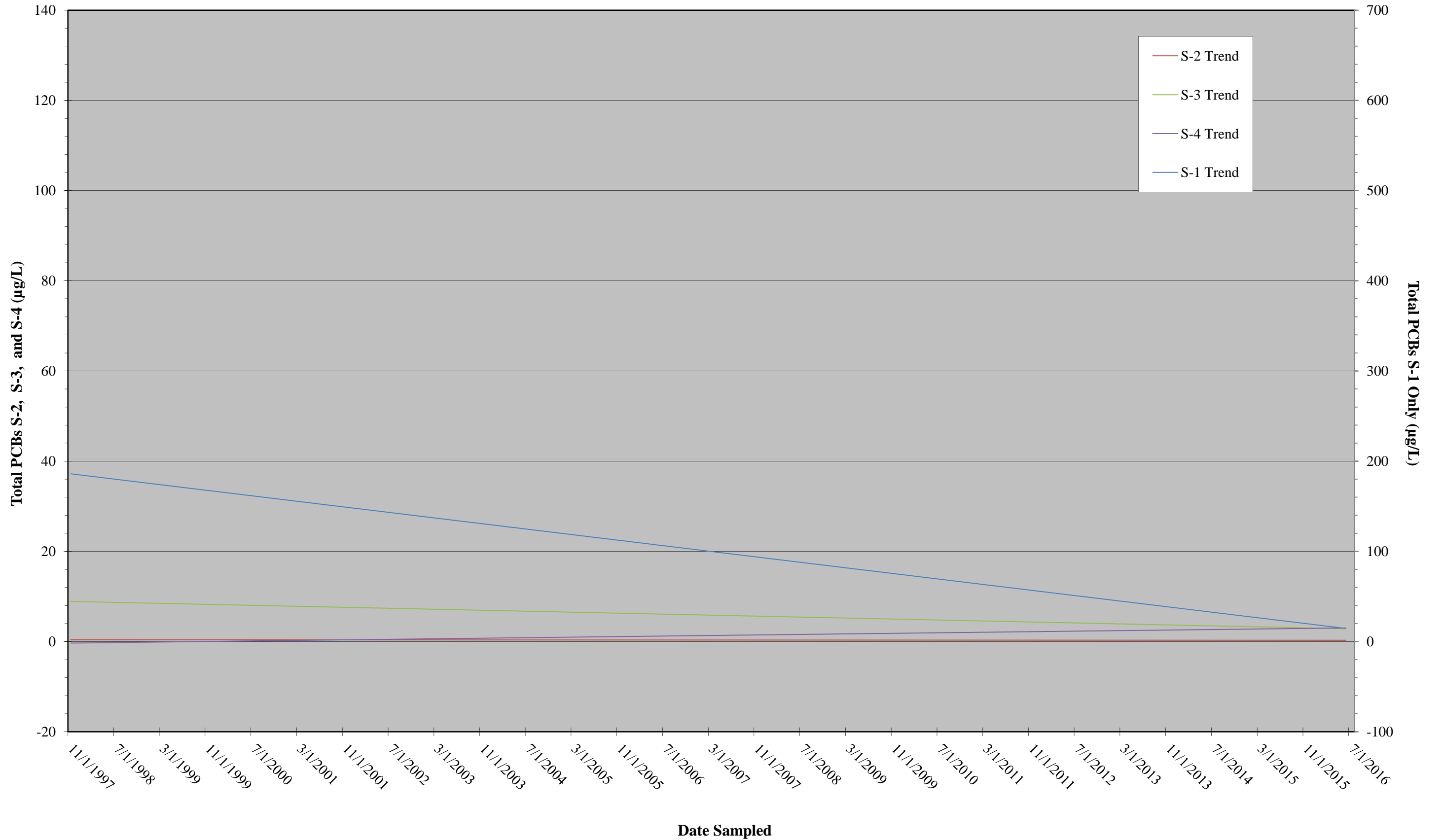


Figure 3.2g - Sump Trends - Total Pesticides
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

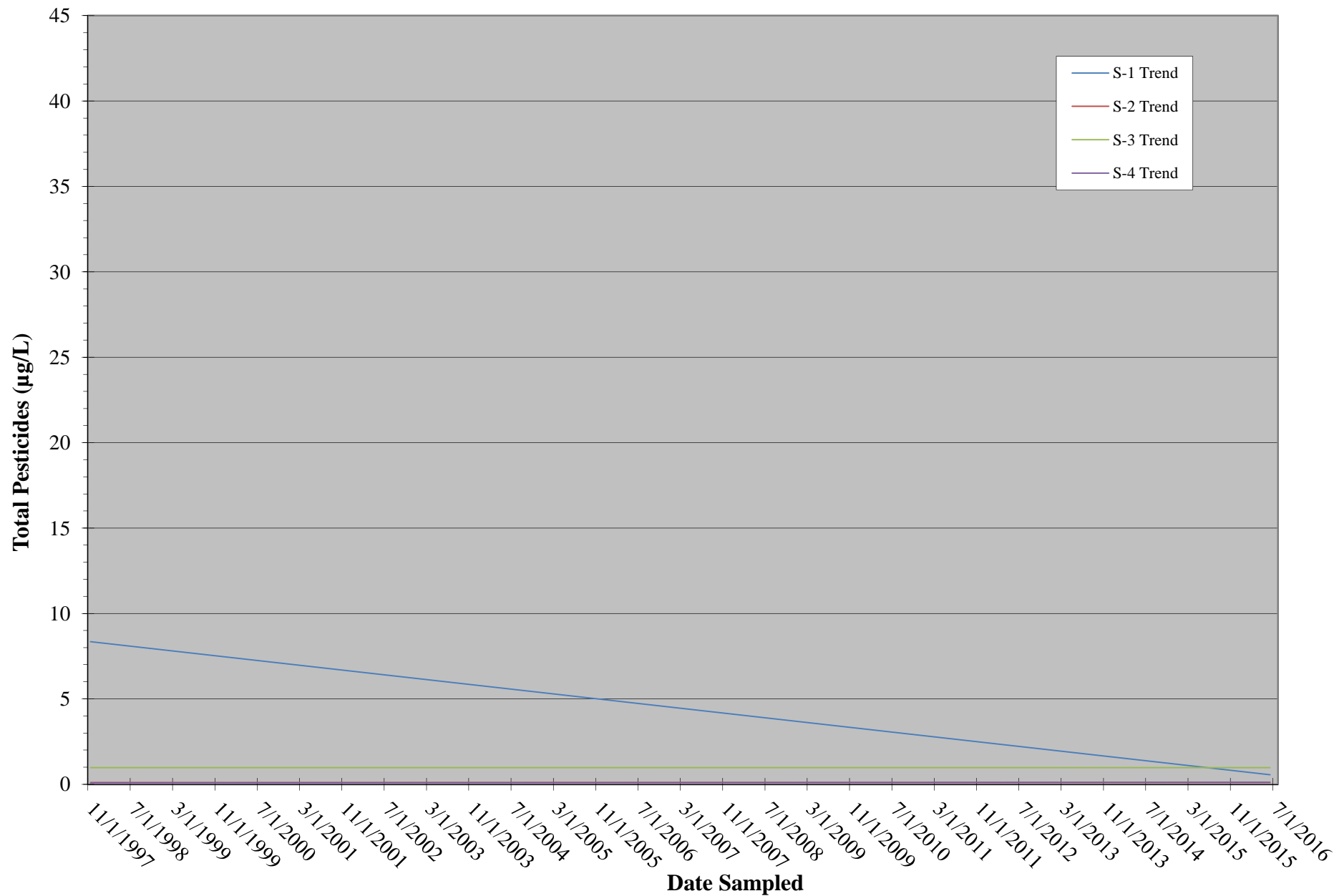
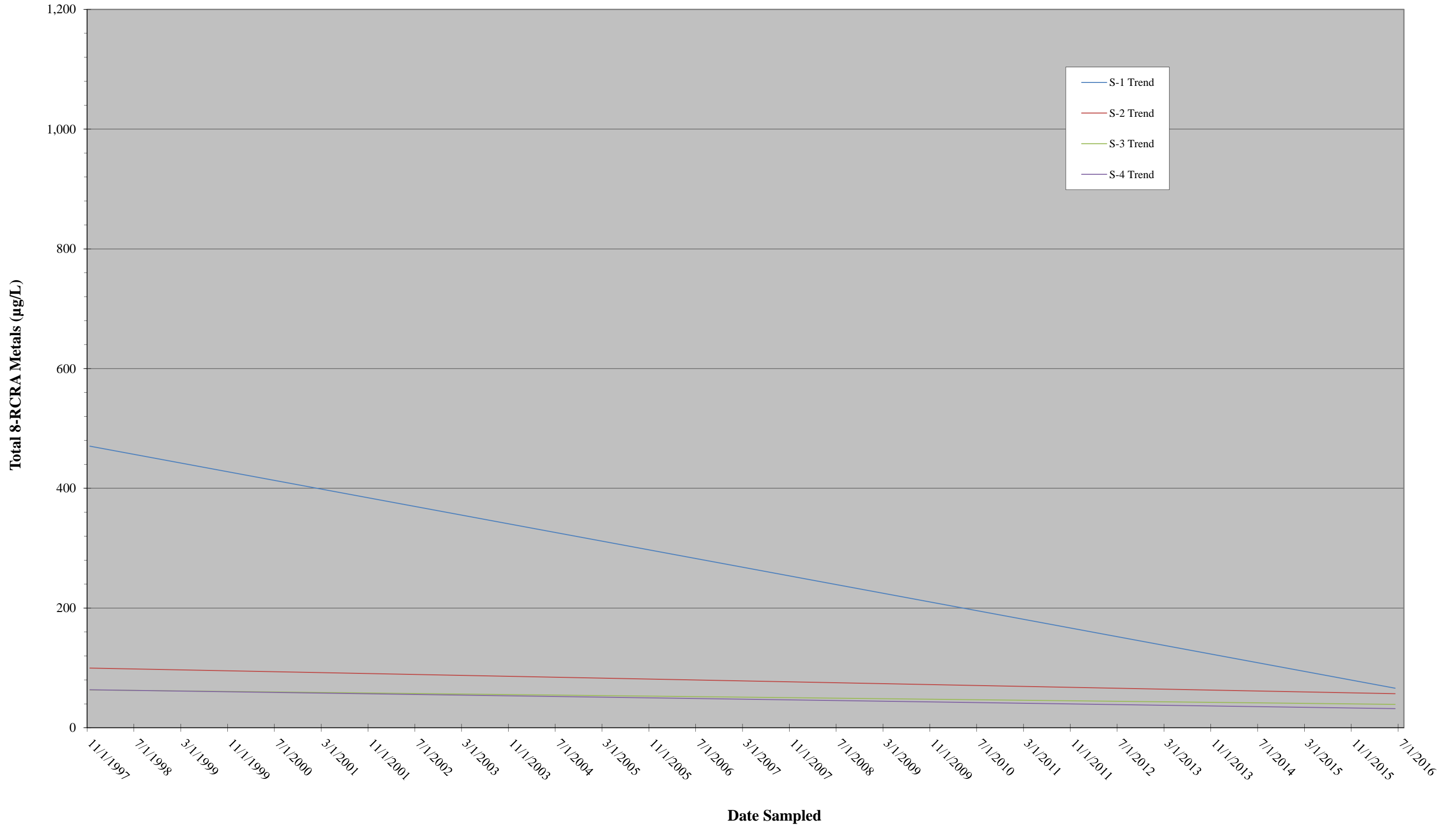
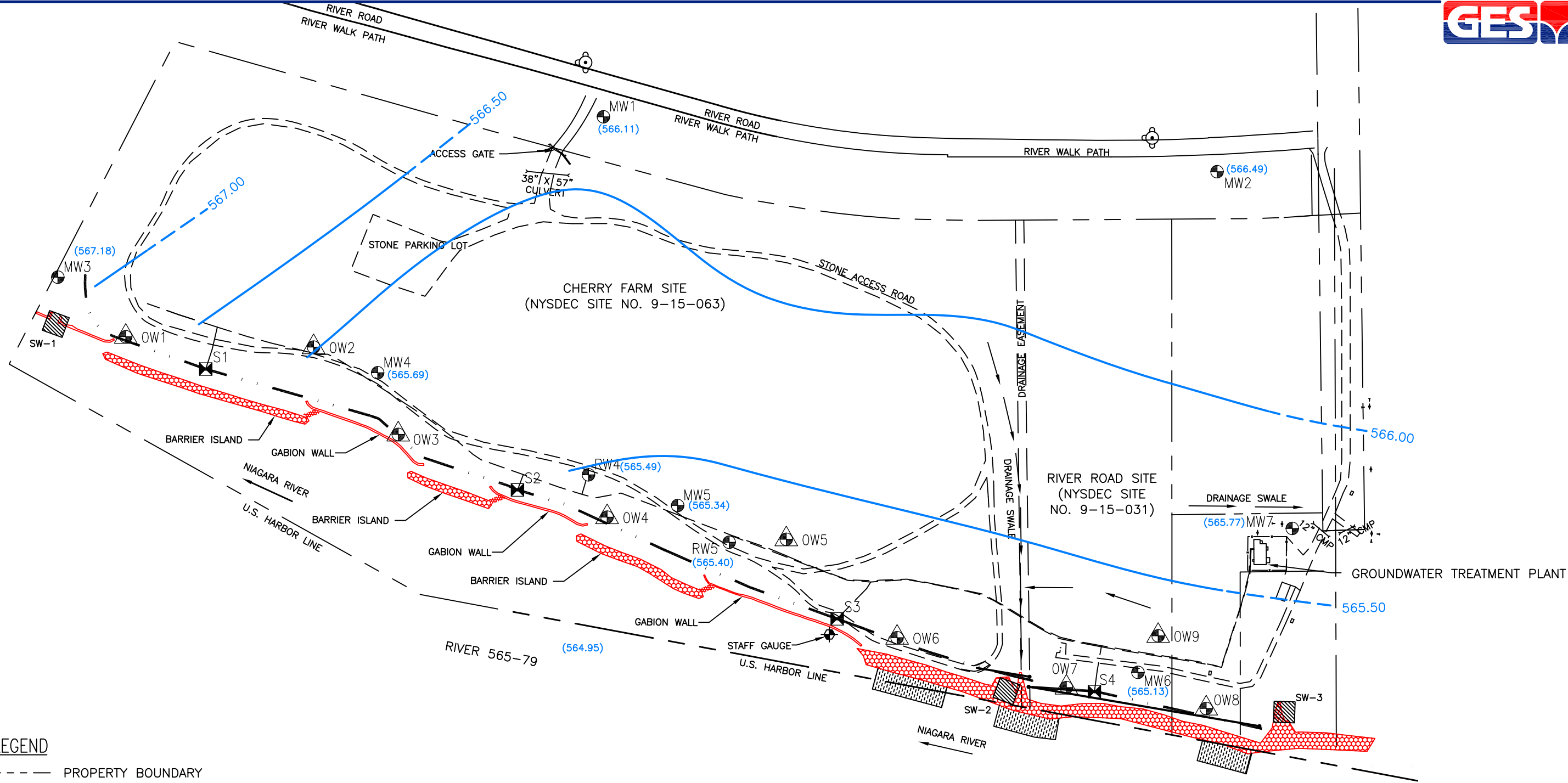


Figure 3.2h - Sump Trends - Total 8-RCRA Metals
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

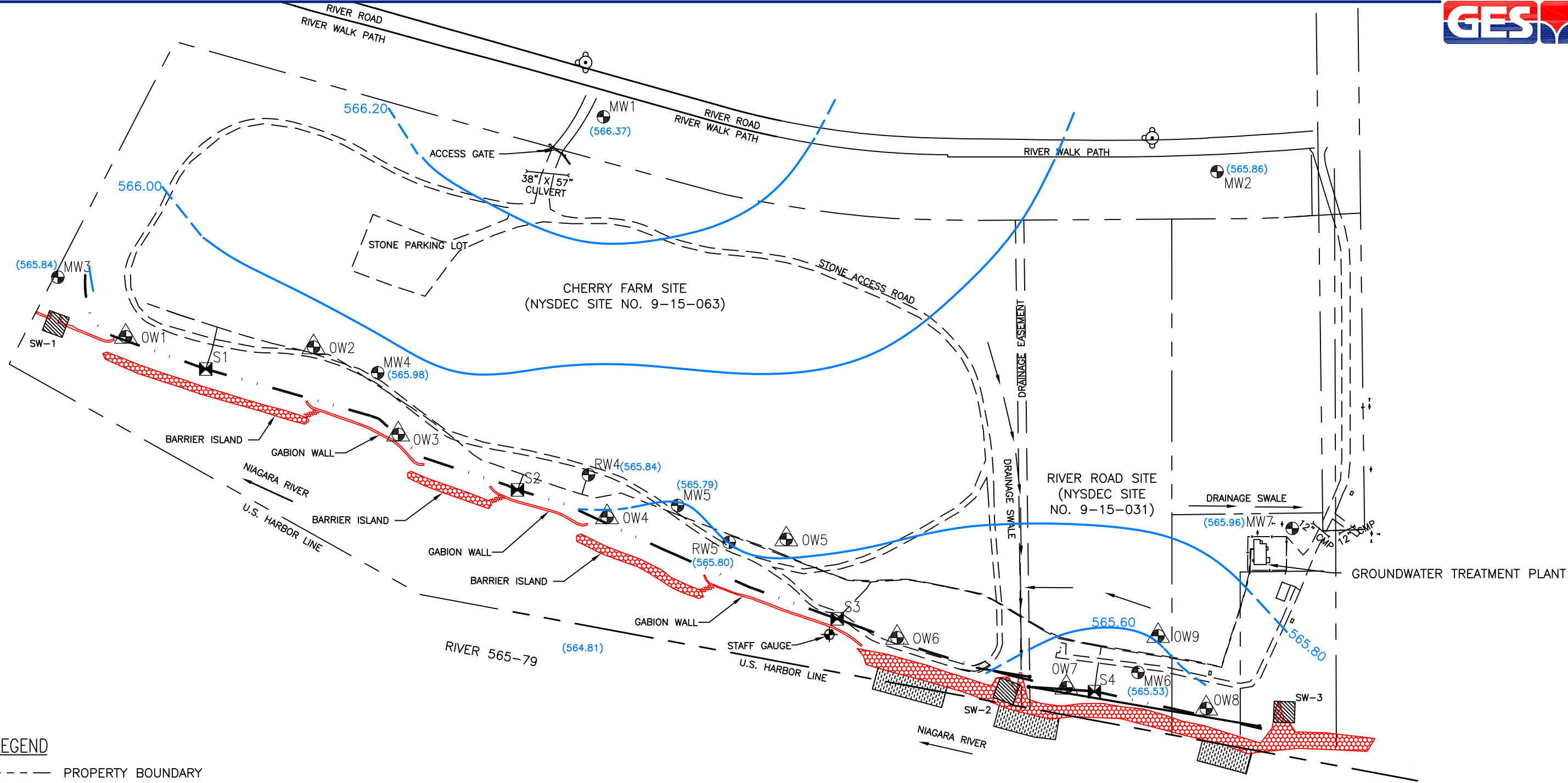




LEGEND

- PROPERTY BOUNDARY
- x - FENCE
- ▣ TRENCH SUMP
- ⊕ MONITORING WELL
- ⊕ OBSERVATION WELL
- · - · - SHALLOW GROUNDWATER TRENCH
- - - - GROUNDWATER CONVEYANCE PIPING
- (567.18) GROUNDWATER ELEVATION (feet NGVD)
- ~ GROUNDWATER CONTOUR (feet NGVD)
DASHED WHERE INFERRED
- NGVD NATIONAL GEODETIC VERTICAL DATUM 1929
- NM NOT MEASURED

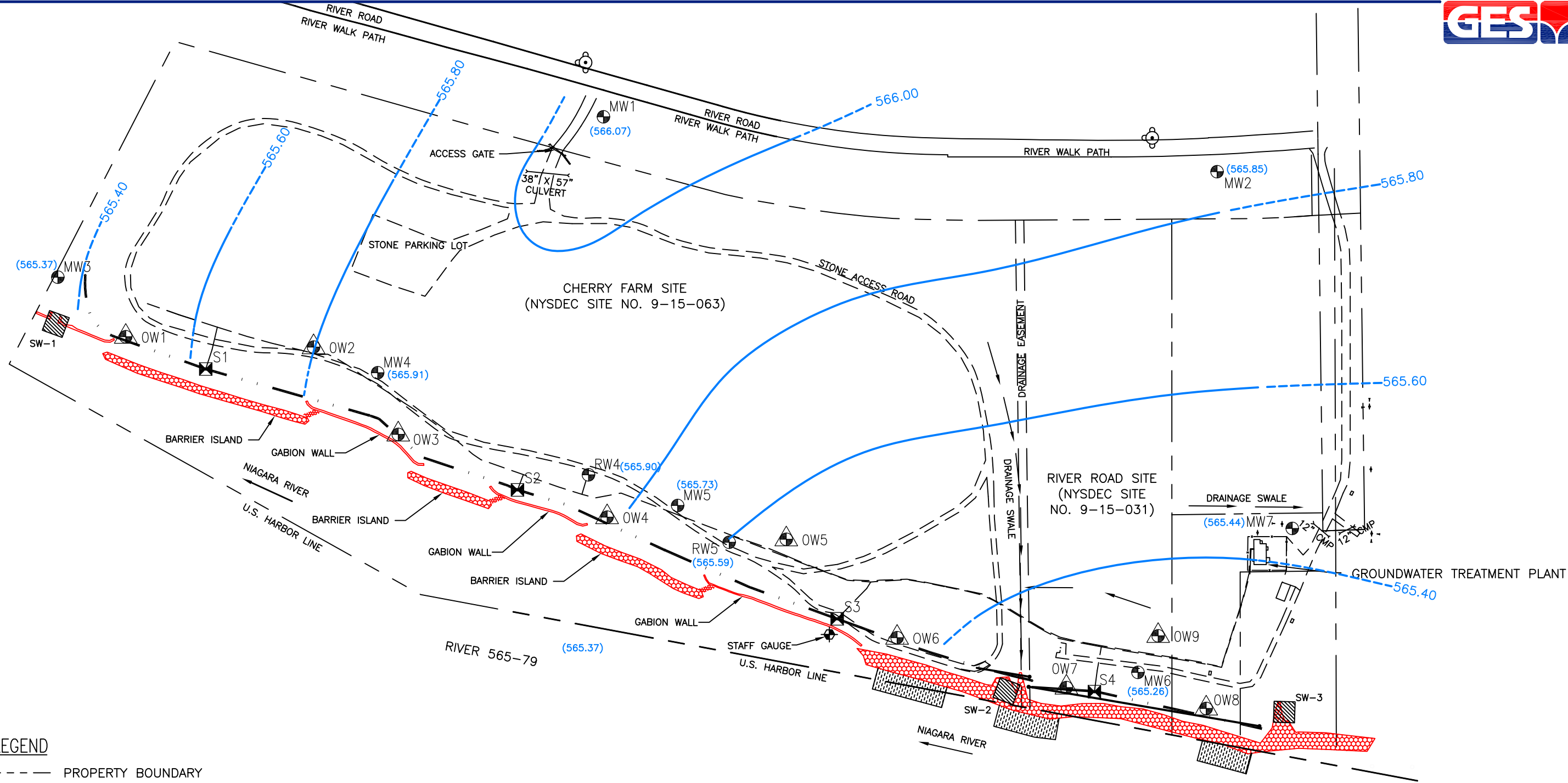
DRAFTED BY: W.G.S.	GROUNDWATER CONTOUR MAP MARCH 21, 2016	
CHECKED BY: J.K.C.	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK	
REVIEWED BY: G.B.	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225	
NORTH 	SCALE IN FEET 	DATE 11-7-16
	0 APPROXIMATE 250	FIGURE 3.3a



LEGEND

- PROPERTY BOUNDARY
- x - FENCE
- ▣ TRENCH SUMP
- ⊕ MONITORING WELL
- ⊕ OBSERVATION WELL
- · - · - SHALLOW GROUNDWATER TRENCH
- - - GROUNDWATER CONVEYANCE PIPING
- (566.37) GROUNDWATER ELEVATION (feet NGVD)
- ~ GROUNDWATER CONTOUR (feet NGVD)
DASHED WHERE INFERRED
- NGVD NATIONAL GEODETIC VERTICAL DATUM 1929
- NM NOT MEASURED

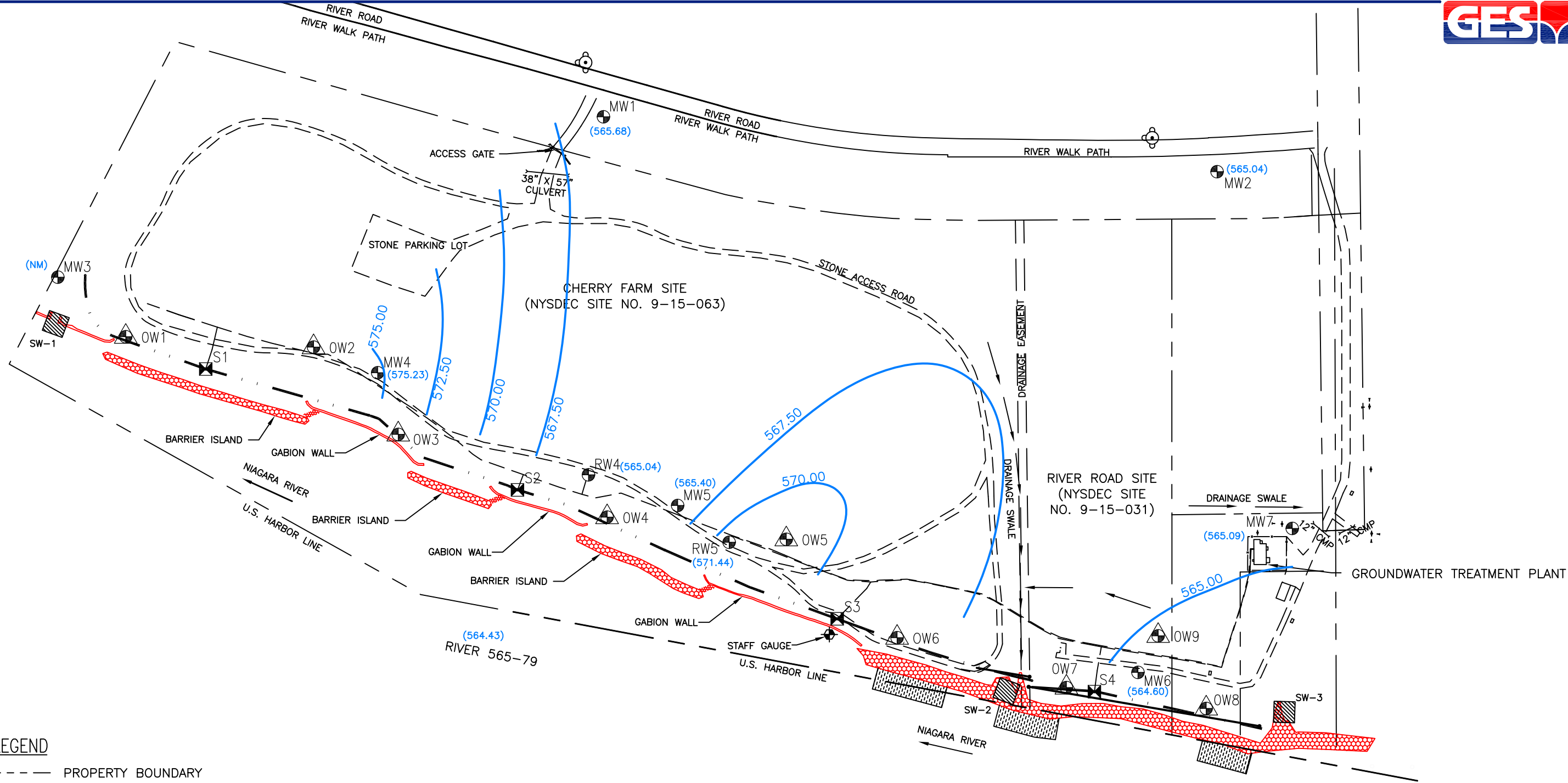
DRAFTED BY: W.G.S.	GROUNDWATER CONTOUR MAP JUNE 20, 2016	
CHECKED BY:	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK	
REVIEWED BY:	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225	
NORTH 	SCALE IN FEET 	DATE 1-19-17
	0 APPROXIMATE 250	FIGURE 3.3b



LEGEND

- PROPERTY BOUNDARY
- x - FENCE
- ▣ TRENCH SUMP
- ⊕ MONITORING WELL
- ⊕ OBSERVATION WELL
- · - · - SHALLOW GROUNDWATER TRENCH
- - - - GROUNDWATER CONVEYANCE PIPING
- (566.37) GROUNDWATER ELEVATION (feet NGVD)
- ~ GROUNDWATER CONTOUR (feet NGVD)
DASHED WHERE INFERRED
- NGVD NATIONAL GEODETIC VERTICAL DATUM 1929
- NM NOT MEASURED

DRAFTED BY: W.G.S.	GROUNDWATER CONTOUR MAP SEPTEMBER 26, 2016	
CHECKED BY: J.K.C.	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK	
REVIEWED BY: G.B.	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225	
NORTH 	SCALE IN FEET 	DATE 11-7-16
		FIGURE 3.3c



LEGEND

- PROPERTY BOUNDARY
- x - FENCE
- ▣ TRENCH SUMP
- ⊕ MONITORING WELL
- ⊕ OBSERVATION WELL
- · - · - SHALLOW GROUNDWATER TRENCH
- - - GROUNDWATER CONVEYANCE PIPING
- (566.37) GROUNDWATER ELEVATION (feet NGVD)
- ~ GROUNDWATER CONTOUR (feet NGVD)
DASHED WHERE INFERRED
- NGVD NATIONAL GEODETIC VERTICAL DATUM 1929
- NM NOT MEASURED

DRAFTED BY: W.G.S.	GROUNDWATER CONTOUR MAP DECEMBER 19, 2016	
CHECKED BY:	CHERRY FARM (RIVER ROAD SITE) 4100 RIVER ROAD TONAWANDA, NEW YORK	
REVIEWED BY:		
NORTH 	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225	
	SCALE IN FEET 0 APPROXIMATE 250	DATE 1-19-17

Figure 3.4a - Monitoring Well Hydrograph (2012-2016) 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)

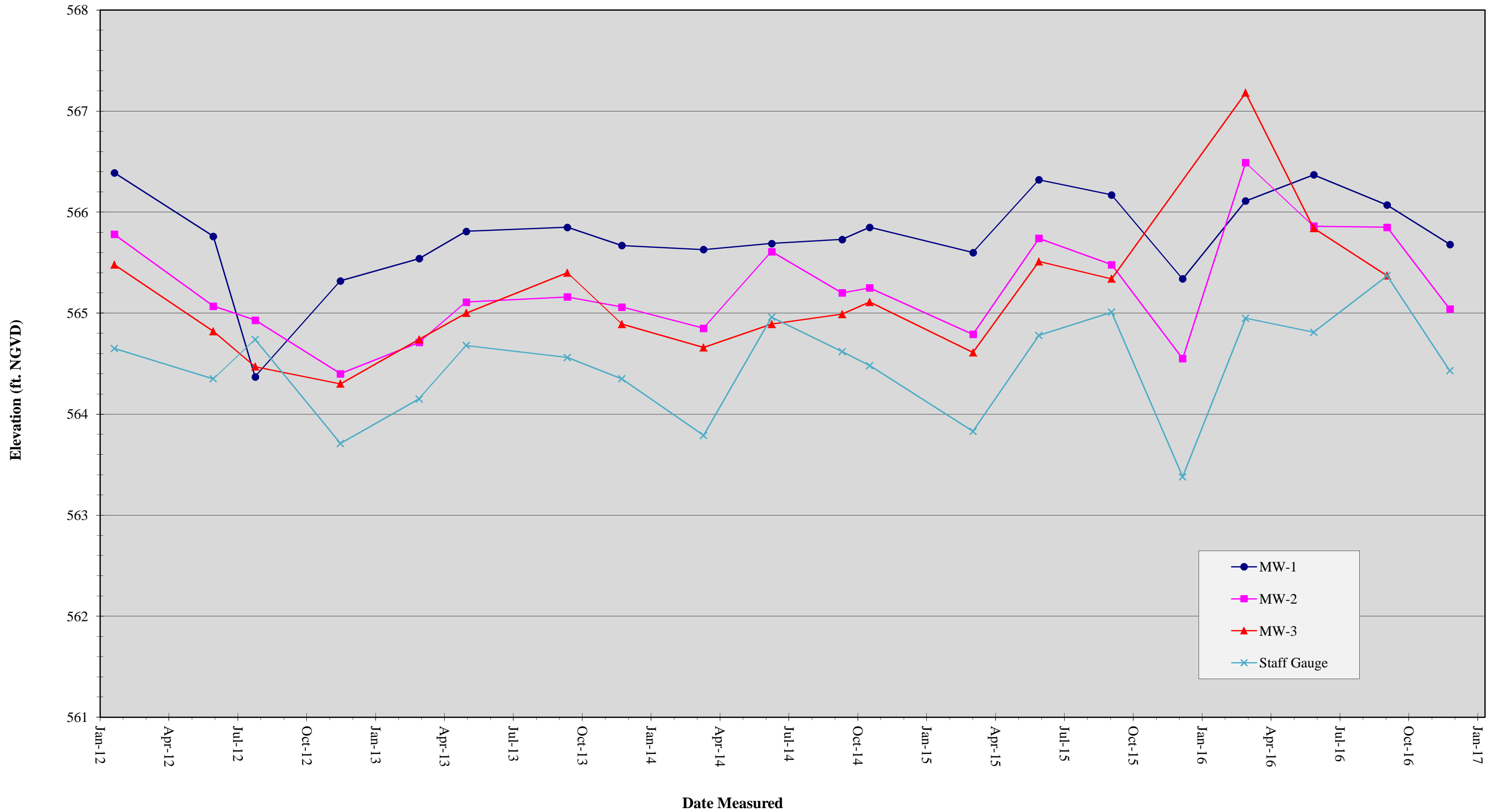


Figure 3.4b - Monitoring Well Hydrograph (2012-2016) MW-4, MW-5, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

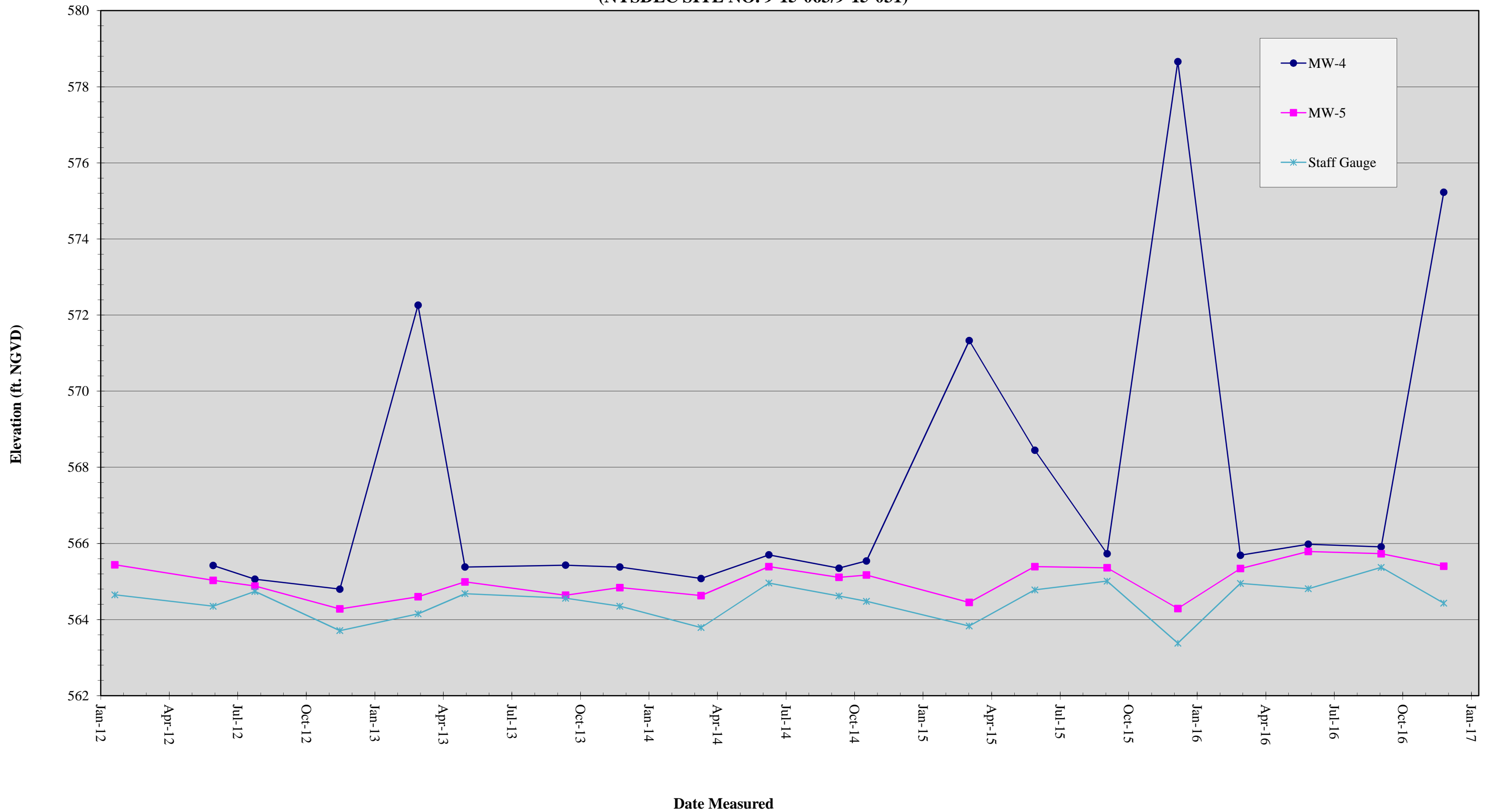


Figure 3.4c - Monitoring Well Hydrograph (2012-2016) MW-6, MW-7, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

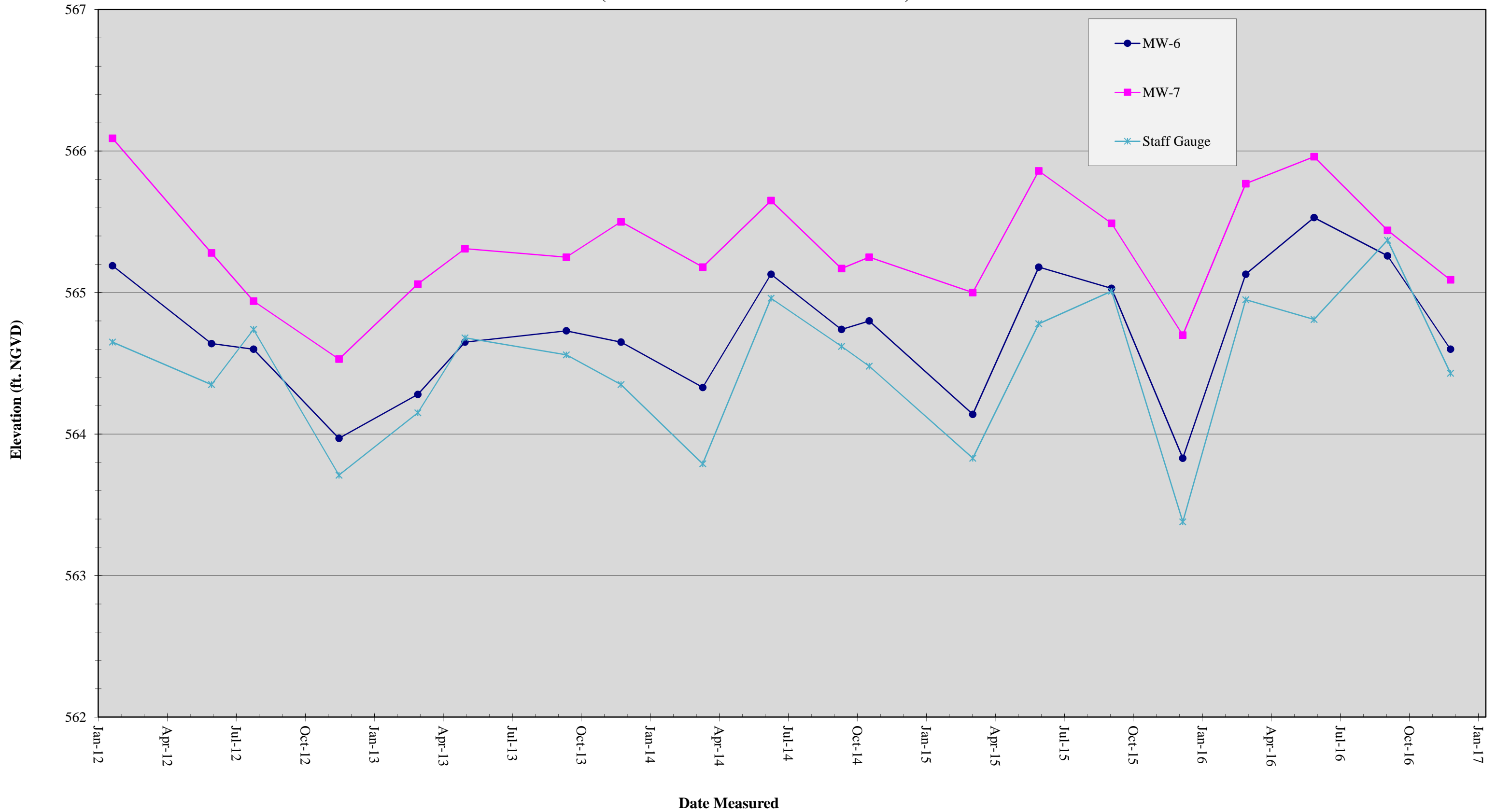


Figure 3.4d - Monitoring Well Hydrograph (2012-2016) RW-4, RW-5, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

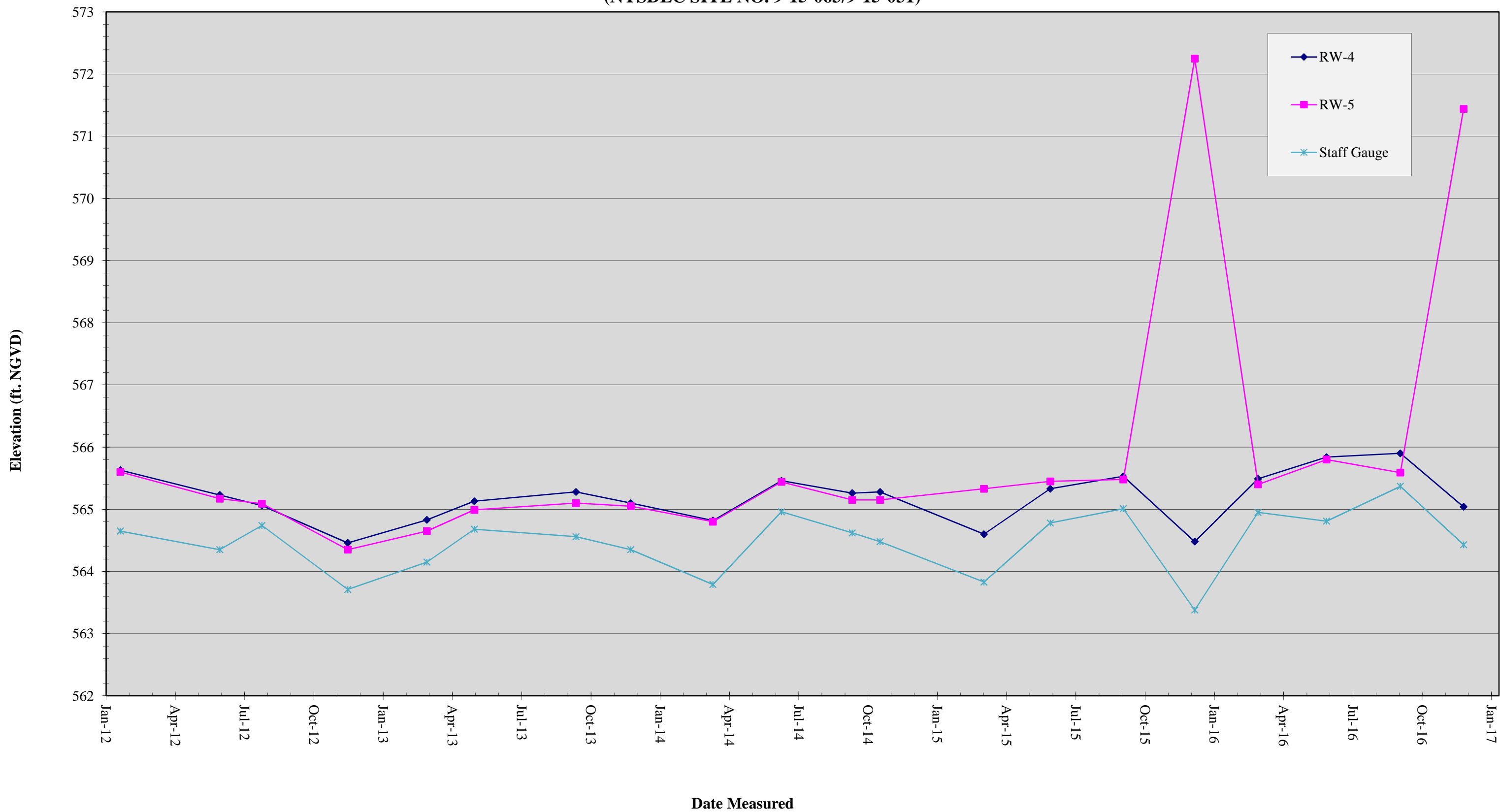


Figure 3.5a - Sump Hydrograph (2012-2016) S-1, S-2, S-3, S-4, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

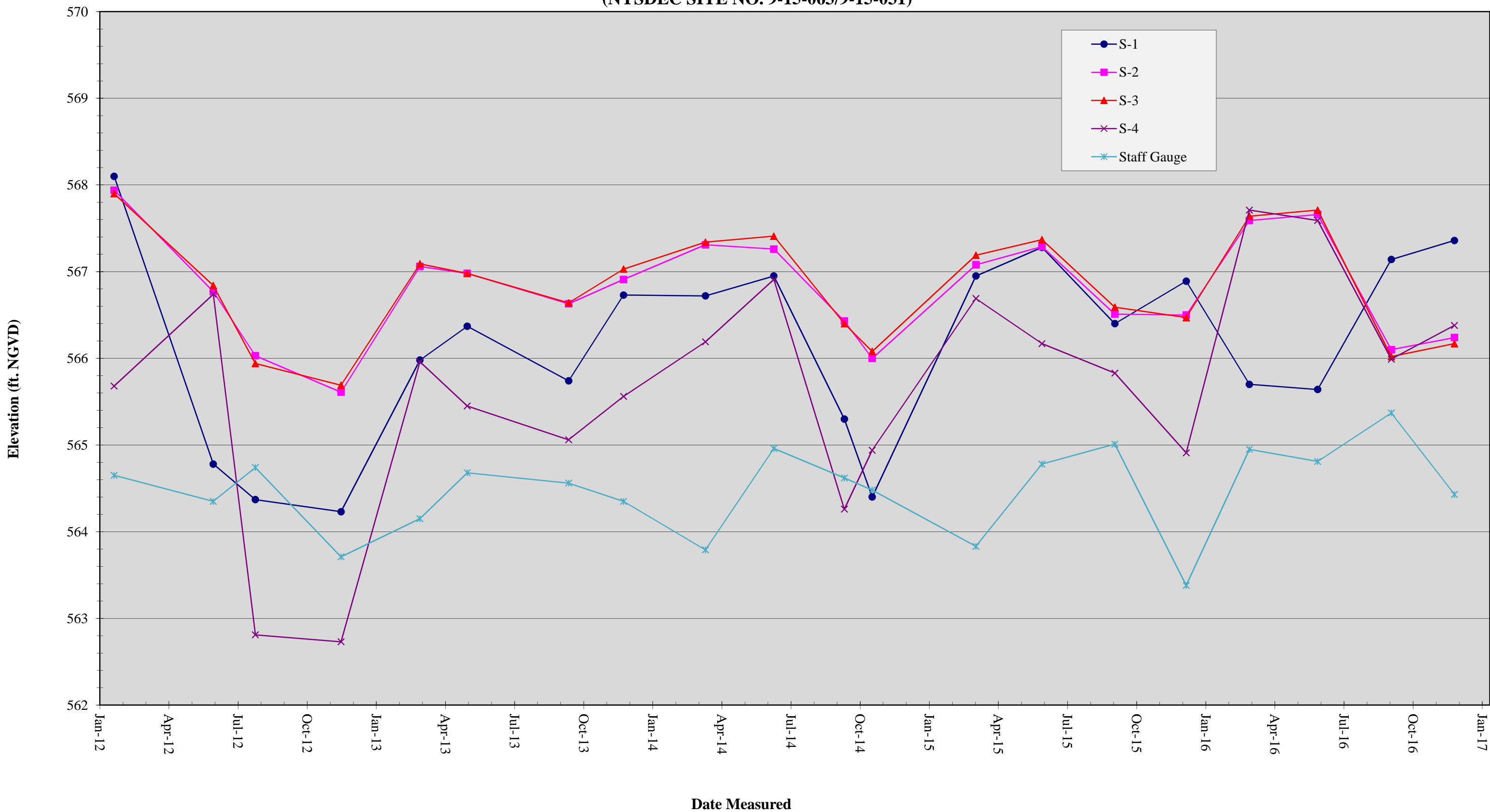


Figure 3.5b - Observation Well Hydrograph (2012-2016) OW-1, OW-2, OW-3, OW-4, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

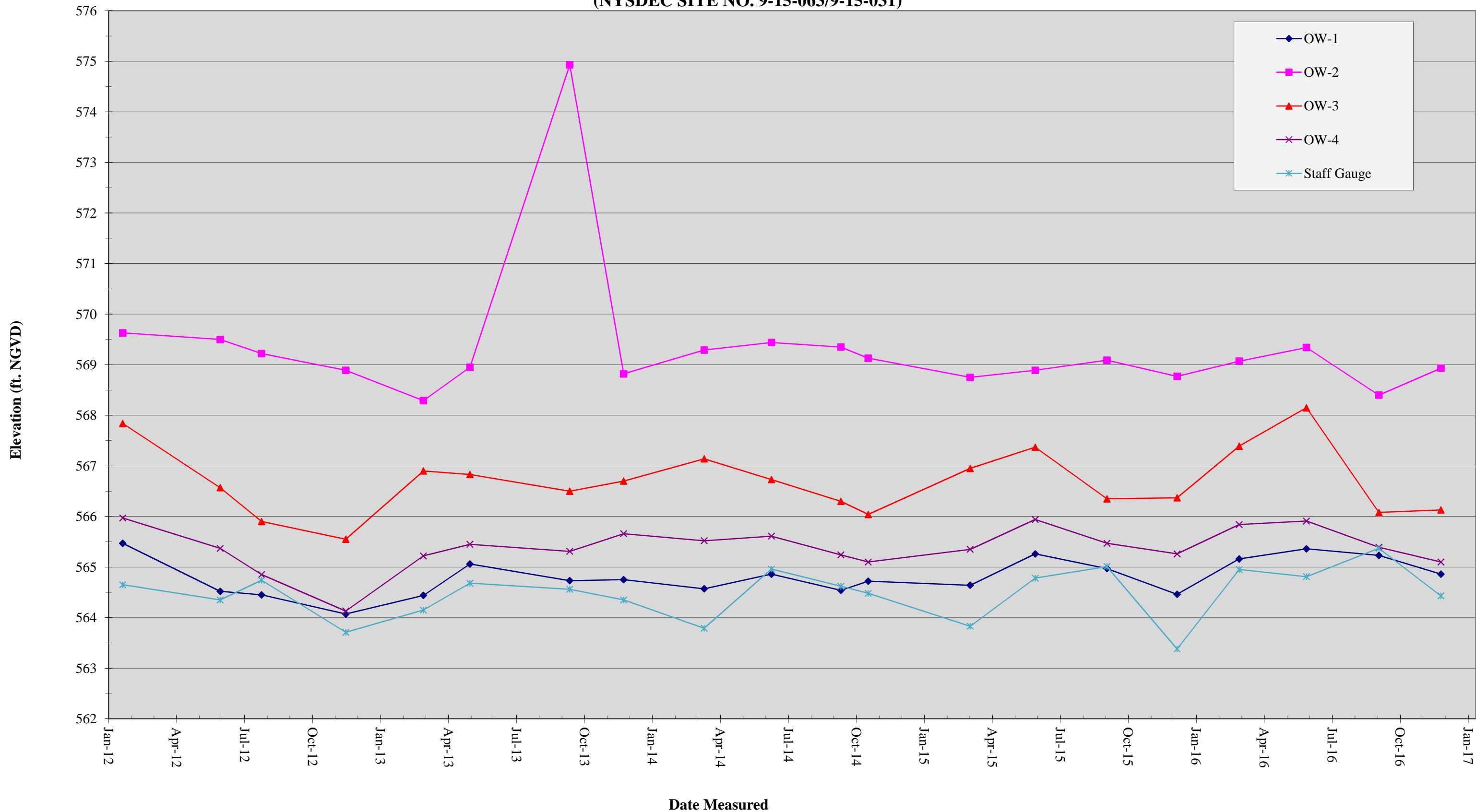
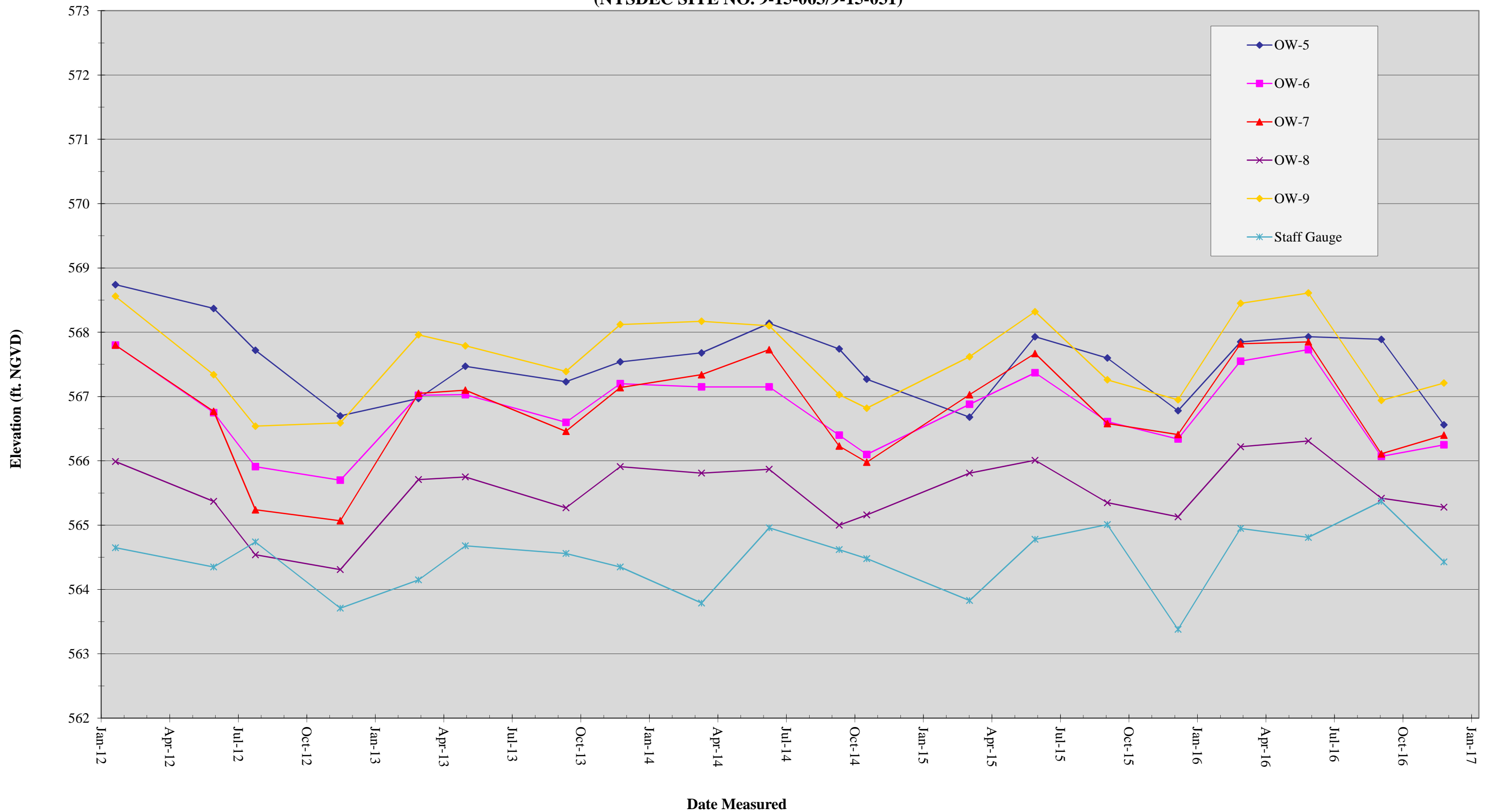


Figure 3.5c - Observation Well Hydrograph (2012-2016) OW-5, OW-6, OW-7, OW-8, OW-9, and Staff Gauge

**CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)**



TABLES

Table 2.1 - Institutional and Engineering Controls Summary (Cherry Farm)
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	Restrictions on building construction/use to prevent activities that would intrude into wastes or otherwise diminish the effectiveness of the cap/remedy.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	None Noted	NA
Land Use Restriction	Restrictions on land use to prevent activities that would intrude into wastes or otherwise diminish the effectiveness of the remedy.	Monitored during routine site visits and cap inspections.	Weekly and Semi-Annually	None Noted	NA
Monitoring Plan	A long-term monitoring program was instituted since hazardous waste remains untreated on site. The program monitors the effectiveness of the remedy and allows for evaluation of the need for continued 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)
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 (River Road)

**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 permeability cover is located over the LNAPL plume, which is located along in the western portion of the site, between the southern property boundary and the Cherry Farm cap. The purpose of the caps is to minimize penetration by burrowing animals and provide adequate protection against erosion.	Monitored during routine site visits and cap inspections.	Weekly and Semi Annually	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 - 2016 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	3/21/2016 ELEVATION (FEET)	6/20/2016 ELEVATION (FEET)	9/26/2016 ELEVATION (FEET)	12/19/2016 ELEVATION (FEET)
MW-1	2"	566.11	566.37	566.07	565.68
MW-2	2"	566.49	565.86	565.85	565.04
MW-3	2"	567.18	565.84	565.37	NM
MW-4	2"	565.69	565.98	565.91	575.23
MW-5	2"	565.34	565.79	565.73	565.40
MW-6	2"	565.13	565.53	565.26	564.60
MW-7	2"	565.77	565.96	565.44	565.09
OW-1	1 1/2"	565.16	565.36	565.23	564.86
OW-2	1 1/2"	569.07	569.34	568.40	568.93
OW-3	1 1/2"	567.39	568.15	566.08	566.13
OW-4	1 1/2"	565.84	565.91	565.39	565.10
OW-5	1 1/2"	567.85	567.93	567.89	566.56
OW-6	1 1/2"	567.55	567.73	566.07	566.25
OW-7	1 1/2"	567.82	567.85	566.11	566.40
OW-8	1 1/2"	566.22	566.31	565.42	565.28
OW-9	1 1/2"	568.45	568.61	566.94	567.21
RW-4	8"	565.49	565.84	565.90	565.04
RW-5	8"	565.40	565.80	565.59	571.44
S-1	vault	565.70	565.64	567.14	567.36
S-2	vault	567.59	567.66	566.10	566.24
S-3	vault	567.64	567.71	566.02	566.17
S-4	vault	567.71	567.59	565.99	566.38
SG	NA	564.95	564.81	565.37	564.43

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 2016	Muriatic acid was added to the line from S-3 to dissolve accumulated mineral deposits reducing flow from the sumps.
February 2016	The caustic back pressure valve at T2 was rebuilt to clear gelled caustic caused by extended cold period. Muriatic acid was added to the line from S-3 to dissolve accumulated mineral deposits reducing flow from the sumps. Cleaned flowmeter box and crossover pipe from box to acidification tank. System was down 1 day related to gelled caustic. System down 8 hours related to loss of power likely caused by high winds.
March 2016	Replaced crossover pipe from flowmeter box to acidification tank. Muriatic acid was added to the line from S-4 to dissolve accumulated mineral deposits reducing flow from the sump. System down 2 days due to pH control issues. System down part of 2 separate days caused by power outages related to high winds.
April 2016	Muriatic acid was added into the line from S-4 to dissolve accumulated mineral deposits reducing flow from the sump. Partial carbon change of carbon vessel 1 completed to remove hardened carbon that was restricting flow.
May 2016	Muriatic acid was added to the line from S-4 to dissolve accumulated mineral deposits reducing flow from the sumps.
June 2016	Muriatic acid was added to the lines from S-3 and S-4 to dissolve accumulated mineral deposits reducing flow from the sumps. Flushed sump lines with water pressure to remove blockages. Replacement of exterior lighting to enhance site security. Site road repairs. System left down 6 days to fully clear sump lines.
July 2016	Muriatic acid was added to the lines from S-3 and S-4 to dissolve accumulated mineral deposits reducing flow from the sumps. Electrical repairs made related to a likely lightning strike to the system. Replaced pump motor in S-3. System down 4 days due to a PCB detection in the monthly effluent sample. System down 3 days for electrical repairs related to lightning strike.

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 2016	Performed full system carbon change of both carbon vessels. Replacement of pH probe preamp unit in T-2 tank due to inconsistent pH readings. System down 6 days to perform full carbon change. System down 2 hours due to bag filter plugged with carbon dust causing high clearwell alarm.
September 2016	Rebuilt the caustic backpressure valve at T2 to help control pH fluctuations. System down 2 days related to high pH alarm caused by plugged caustic backpressure valve.
October 2016	Muriatic acid was added to the line from S-4 to dissolve accumulated mineral deposits reducing flow from the sumps. Installed a new pump head and motor at S-4.
November 2016	Muriatic acid was added to the line from S-4 to dissolve accumulated mineral deposits reducing flow from the sumps. System down three hours due to a failed water supply hose to the toilet that caused the floor sump to fill. System down 8 hours due to a failed pH probe.
December 2016	Muriatic acid was added to the line from S-4 to dissolve accumulated mineral deposits reducing flow from the sumps. Replacement of building boiler.

Table 3.1 - 2016 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/River Road June 2016 Monitoring Well Sampling EPA Method 8260C	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 480-101674-2 11.31 TA 480-101674 WATER 6/15/2016	MW-1 (MS/MSD) 480-101969-1 11.31 TA 480-101969 WATER 6/20/2016	MW-2 480-101674-1 12.90 TA 480-101674 WATER 6/15/2016	MW-3 480-101785-2 5.32 TA 480-101785 WATER 6/16/2016	MW-4 480-101785-5 17.85 TA 480-101785 WATER 6/16/2016	MW-5 480-101785-4 18.35 TA 480-101785 WATER 6/16/2016	MW-6 480-101785-1 20.17 TA 480-101785 WATER 6/16/2016	MW-7 480-101785-3 20.44 TA 480-101785 WATER 6/16/2016	RW-4 480-101880-1 15.99 TA 480-101880 WATER 6/17/2016	RW-5 480-101880-2 16.25 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:										
VOLATILES												
Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	8.3 J	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	11	ND	ND	ND	ND
Ethylbenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND
SEMIVOLATILES												
Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J	ND
Naphthalene	10 (G)	µg/L	ND	ND F1	ND	ND	ND	ND	ND	ND	ND	1.3 J

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.
MS = Matrix Spike
MSD = Matrix Spike Duplicate
NS = No Standard
(G) = Guidance Value
ND = 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.
F1 = MS and/or MSD Recovery is outside acceptance limits

Table 3.2 - 2016 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/River Road June 2016 Sump Sampling EPA Method 8260C	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id:	S-1 480-101674-4	S-2 480-101880-3	S-3 480-101880-4	S-4 480-101880-5
		Depth:	6.20	4.15	4.13	3.92
		Source:	TA	TA	TA	TA
		SDG:	480-101674	480-101880	480-101880	480-101880
		Matrix:	WATER	WATER	WATER	WATER
		Sampled:	6/15/2016	6/17/2016	6/17/2016	6/17/2016
COMPOUND		UNITS:				
VOLATILES						
1,1-Dichloroethane	5	µg/L	ND	1.4	1.7	1.2
1,2-Dichloroethene, Total	NS	µg/L	3.4	1.1 J	1.4 J	3.3
Benzene	1	µg/L	ND	0.43 J	ND	1.4
Ethylbenzene	5	µg/L	ND	ND	ND	1.6
Tetrachloroethene	5	µg/L	ND	ND	0.48 J	0.36 J
Toluene	5	µg/L	ND	ND	ND	1.1
Trichloroethene	5	µg/L	0.46 J	ND	ND	0.77 J
Xylenes, total	5	µg/L	ND	ND	ND	10
SEMIVOLATILES						
1,4-Dichlorobenzene	3	µg/L	ND	ND	0.68 J	ND
2,4-Dimethylphenol	1	µg/L	7.0	1.5 J	18	32
2-Methylnaphthalene	NS	µg/L	ND	ND	0.66 J	ND
2-Methylphenol	1	µg/L	0.44 J	ND	4.2 J	12
4-Chloro-3-methylphenol	1	µg/L	ND	ND	3.1 J	ND
4-Methylphenol	1	µg/L	ND	ND	ND	27
Acenaphthene	20 (G)	µg/L	ND	ND	1.1 J	0.47 J
Carbazole	NS	µg/L	ND	ND	1.4 J	0.34 J
Dimethyl phthalate	50 (G)	µg/L	ND	ND	3.9 J	ND
Fluoranthene	50 (G)	µg/L	0.42 J	ND	ND	ND
Fluorene	50 (G)	µg/L	ND	ND	0.71 J	0.42 J
Naphthalene	10 (G)	µg/L	ND	ND	ND	3.6 J
Phenanthrene	50 (G)	µg/L	ND	0.49 J	0.59 J	0.71 J
Pyrene	50 (G)	µg/L	0.39 J	ND	ND	ND
PESTICIDES						
delta-BHC	0.04	µg/L	ND	ND	ND	0.014 J
Endosulfan I	NS	µg/L	ND	0.017 J	ND	ND
gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	0.019 J
Methoxychlor	35	µg/L	ND	ND	5.2	ND
PCBs						
Aroclor 1232	Sum of all PCBs	µg/L	ND	ND	4.2	0.79
Aroclor 1248	is <0.09	µg/L	1.1	ND	ND	ND
INORGANICS						
Aluminum	NS	µg/L	ND	140 J	ND	350
Arsenic	25	µg/L	ND	ND	7.0 J	ND
Barium	1,000	µg/L	51 B	48	93	45
Calcium	NS	µg/L	22,500	82,400 B	212,000 B	70,000 B
Copper	200	µg/L	ND	ND	4.4 J	ND
Iron	300	µg/L	640	110	480	200
Magnesium	35,000 (G)	µg/L	4,700	260	3,700	310
Manganese	300	µg/L	130 B	6.7	180	9.7
Nickel	100	µg/L	1.4 J	2.3 J	2.0 J	1.6 J
Potassium	NS	µg/L	23,500	53,600	89,300	57,400
Sodium	20,000	µg/L	45,600 B	105,000	91,900	116,000
Vanadium	NS	µg/L	ND	9.5	3.5 J	7.7
Zinc	2,000 (G)	µg/L	8.3 J B	69 B	25 B	8.8 J B
Cyanide	200	µg/L	12	30	ND	53

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

ND = 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.

Table 3.3 - Total 2016 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)	2016 Total Plant Flow (gal)	Total Removed (lbs)
Date	6/15/2016	6/17/2016	6/17/2016	6/17/2016	(µg/L)		
Total VOCs	3.86	2.93	3.58	19.73	7.53	2,489,940	0.156
Total SVOCs	8.25	1.99	34.34	79.54	31.03	2,489,940	0.643
Total Pesticides	ND	0.017	5.200	0.033	1.31	2,489,940	0.027
Total PCBs	1.10	ND	4.20	0.79	1.52	2,489,940	0.032

NOTES:

VOCs = volatile organic compounds

SVOCs = semi-volatile organic compounds

PCBs = polychlorinated biphenyls

ND = compound was analyzed for, but not detected at or above the reporting limit

µg/L = micrograms per liter

gal = gallons

lbs = pounds

g = grams

$$\text{Total Removed (lbs)} = \frac{\text{Influent Concentration } (\mu\text{g})}{(\text{L})} \times \text{Flow (gal)} \times \frac{3.7854 (\text{L})}{1 (\text{gal})} \times \frac{1 (\text{g})}{1,000,000 (\mu\text{g})} \times \frac{0.0022 (\text{lbs})}{1 (\text{g})}$$

APPENDIX A-1
June 2016 Analytical Data Table

Appendix A-1 - June 2016 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 June 2016 Monitoring Well Sampling EPA Method 8260C	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id:	MW-1	MW-1 (MS/MSD)	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	RW-4	RW-5
		480-101674-2	480-101674-2	480-101969-1	480-101674-1	480-101785-2	480-101785-5	480-101785-4	480-101785-1	480-101785-3	480-101880-1	480-101880-2
		Depth:	11.31	11.31	12.90	5.32	17.85	18.35	20.17	20.44	15.99	16.25
		Source:	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA
		SDG:	480-101674	480-101969	480-101674	480-101785	480-101785	480-101785	480-101785	480-101785	480-101880	480-101880
		Matrix:	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sampled:	6/15/2016	6/20/2016	6/15/2016	6/16/2016	6/16/2016	6/16/2016	6/16/2016	6/16/2016	6/17/2016	6/17/2016
		UNITS:										
COMPOUND												
VOLATILES												
1,1,1-Trichloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	8.3 J	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	11	ND	ND	ND	ND
Bromodichloromethane	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND
Methylene Chloride	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

MS = Matrix Spike

MSD = Matrix Spike Duplicate

NS = No Standard

(G) = Guidance Value

ND = 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 - June 2016 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 June 2016 Monitoring Well Sampling EPA Method 8270D	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id:	MW-1 480-101674-2	MW-1 (MS/MSD) 480-101969-1	MW-2 480-101674-1	MW-3 480-101785-2	MW-4 480-101785-5	MW-5 480-101785-4	MW-6 480-101785-1	MW-7 480-101785-3	RW-4 480-101880-1	RW-5 480-101880-2
		Depth: Source: SDG: Matrix: Sampled:	11.31 TA 480-101674 WATER 6/15/2016	11.31 TA 480-101969 WATER 6/20/2016	12.90 TA 480-101674 WATER 6/15/2016	5.32 TA 480-101785 WATER 6/16/2016	17.85 TA 480-101785 WATER 6/16/2016	18.35 TA 480-101785 WATER 6/16/2016	20.17 TA 480-101785 WATER 6/16/2016	20.44 TA 480-101785 WATER 6/16/2016	15.99 TA 480-101880 WATER 6/17/2016	16.25 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:										
SEMIVOLATILES												
1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Appendix A-1 - June 2016 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 June 2016 Monitoring Well Sampling EPA Method 8270D	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id:	MW-1 480-101674-2	MW-1 (MS/MSD) 480-101969-1	MW-2 480-101674-1	MW-3 480-101785-2	MW-4 480-101785-5	MW-5 480-101785-4	MW-6 480-101785-1	MW-7 480-101785-3	RW-4 480-101880-1	RW-5 480-101880-2
		Depth: Source: SDG: Matrix: Sampled:	11.31 TA 480-101674 WATER 6/15/2016	11.31 TA 480-101969 WATER 6/20/2016	12.90 TA 480-101674 WATER 6/15/2016	5.32 TA 480-101785 WATER 6/16/2016	17.85 TA 480-101785 WATER 6/16/2016	18.35 TA 480-101785 WATER 6/16/2016	20.17 TA 480-101785 WATER 6/16/2016	20.44 TA 480-101785 WATER 6/16/2016	15.99 TA 480-101880 WATER 6/17/2016	16.25 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:										
Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl) ether	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	5	µg/L	ND	ND F1	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz[a,h]anthracene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J	ND
Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	50 (G)	µg/L	ND	ND F1	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10 (G)	µg/L	ND	ND F1	ND	ND	ND	ND	ND	ND	ND	1.3 J
Nitrobenzene	0.4	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.
MS = Matrix Spike
MSD = Matrix Spike Duplicate
NS = No Standard
(G) = Guidance Value
ND = 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.
F1 = MS and/or MSD Recovery is outside acceptance limits

Appendix A-1 - June 2016 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 June 2016 Monitoring Well Sampling EPA Method 8082A	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	MW-1 480-101674-2 11.31 TA 480-101674 WATER 6/15/2016	MW-1 (MS/MSD) 480-101969-1 11.31 TA 480-101969 WATER 6/20/2016	MW-2 480-101674-1 12.90 TA 480-101674 WATER 6/15/2016	MW-3 480-101785-2 5.32 TA 480-101785 WATER 6/16/2016	MW-4 480-101785-5 17.85 TA 480-101785 WATER 6/16/2016	MW-5 480-101785-4 18.35 TA 480-101785 WATER 6/16/2016	MW-6 480-101785-1 20.17 TA 480-101785 WATER 6/16/2016	MW-7 480-101785-3 20.44 TA 480-101785 WATER 6/16/2016	RW-4 480-101880-1 15.99 TA 480-101880 WATER 6/17/2016	RW-5 480-101880-2 16.25 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:										
Polychlorinated Biphenyls												
Aroclor 1016	Sum of all PCBs is <0.09	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
MS = Matrix Spike
MSD = Matrix Spike Duplicate
ND = 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 - June 2016 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 June 2016 Sump Sampling EPA Method 8260C	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	S-1 480-101674-4 6.20 TA 480-101674 WATER 6/15/2016	S-2 480-101880-3 4.15 TA 480-101880 WATER 6/17/2016	S-3 480-101880-4 4.13 TA 480-101880 WATER 6/17/2016	S-4 480-101880-5 3.92 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:				
VOLATILES						
1,1,1-Trichloroethane	5	µg/L	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	µg/L	ND	ND	ND	ND
1,1,2-Trichloroethane	1	µg/L	ND	ND	ND	ND
1,1-Dichloroethane	5	µg/L	ND	1.4	1.7	1.2
1,1-Dichloroethene	5	µg/L	ND	ND	ND	ND
1,2-Dichloroethane	0.6	µg/L	ND	ND	ND	ND
1,2-Dichloroethene, Total	NS	µg/L	3.4	1.1 J	1.4 J	3.3
1,2-Dichloropropane	1	µg/L	ND	ND	ND	ND
2-Butanone	50 (G)	µg/L	ND	ND	ND	ND
2-Hexanone	50 (G)	µg/L	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	µg/L	ND	ND	ND	ND
Acetone	50 (G)	µg/L	ND	ND	ND	ND
Benzene	1	µg/L	ND	0.43 J	ND	1.4
Bromodichloromethane	50 (G)	µg/L	ND	ND	ND	ND
Bromoform	50 (G)	µg/L	ND	ND	ND	ND
Bromomethane	5	µg/L	ND	ND	ND	ND
Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND
Carbon Tetrachloride	5	µg/L	ND	ND	ND	ND
Chlorobenzene	5	µg/L	ND	ND	ND	ND
Chloroethane	5	µg/L	ND	ND	ND	ND
Chloroform	7	µg/L	ND	ND	ND	ND
Chloromethane	5	µg/L	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4	µg/L	ND	ND	ND	ND
Dibromochloromethane	50 (G)	µg/L	ND	ND	ND	ND
Ethylbenzene	5	µg/L	ND	ND	ND	1.6
Methylene Chloride	5	µg/L	ND	ND	ND	ND
Styrene	5	µg/L	ND	ND	ND	ND
Tetrachloroethene	5	µg/L	ND	ND	0.48 J	0.36 J
Toluene	5	µg/L	ND	ND	ND	1.1
trans-1,3-Dichloropropene	0.4	µg/L	ND	ND	ND	ND
Trichloroethene	5	µg/L	0.46 J	ND	ND	0.77 J
Vinyl chloride	2	µg/L	ND	ND	ND	ND
Xylenes, total	5	µg/L	ND	ND	ND	10

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

ND = 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 - June 2016 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 June 2016 Sump Sampling EPA Method 8270D	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	S-1 480-101674-4 6.20 TA 480-101674 WATER 6/15/2016	S-2 480-101880-3 4.15 TA 480-101880 WATER 6/17/2016	S-3 480-101880-4 4.13 TA 480-101880 WATER 6/17/2016	S-4 480-101880-5 3.92 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:				
SEMIVOLATILES						
1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	ND
1,2-Dichlorobenzene	3	µg/L	ND	ND	ND	ND
1,3-Dichlorobenzene	3	µg/L	ND	ND	ND	ND
1,4-Dichlorobenzene	3	µg/L	ND	ND	0.68 J	ND
2,4,5-Trichlorophenol	NS	µg/L	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS	µg/L	ND	ND	ND	ND
2,4-Dichlorophenol	1	µg/L	ND	ND	ND	ND
2,4-Dimethylphenol	1	µg/L	7.0	1.5 J	18	32
2,4-Dinitrophenol	10 (G)	µg/L	ND	ND	ND	ND
2,4-Dinitrotoluene	5	µg/L	ND	ND	ND	ND
2,6-Dinitrotoluene	5	µg/L	ND	ND	ND	ND
2-Chloronaphthalene	10 (G)	µg/L	ND	ND	ND	ND
2-Chlorophenol	1	µg/L	ND	ND	ND	ND
2-Methylnaphthalene	NS	µg/L	ND	ND	0.66 J	ND
2-Methylphenol	1	µg/L	0.44 J	ND	4.2 J	12
2-Nitroaniline	5	µg/L	ND	ND	ND	ND
2-Nitrophenol	1	µg/L	ND	ND	ND	ND
3,3'-Dichlorobenzidine	5	µg/L	ND	ND	ND	ND
3-Nitroaniline	5	µg/L	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	1	µg/L	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND
4-Chloro-3-methylphenol	1	µg/L	ND	ND	3.1 J	ND
4-Chloroaniline	5	µg/L	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND
4-Methylphenol	1	µg/L	ND	ND	ND	27
4-Nitroaniline	5	µg/L	ND	ND	ND	ND
4-Nitrophenol	1	µg/L	ND	ND	ND	ND
Acenaphthene	20 (G)	µg/L	ND	ND	1.1 J	0.47 J
Acenaphthylene	NS	µg/L	ND	ND	ND	ND
Anthracene	50 (G)	µg/L	ND	ND	ND	ND
Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND
Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND

Appendix A-1 - June 2016 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 June 2016 Sump Sampling EPA Method 8270D	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	S-1 480-101674-4 6.20 TA 480-101674 WATER 6/15/2016	S-2 480-101880-3 4.15 TA 480-101880 WATER 6/17/2016	S-3 480-101880-4 4.13 TA 480-101880 WATER 6/17/2016	S-4 480-101880-5 3.92 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:				
Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND
Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND
Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	5	µg/L	ND	ND	ND	ND
Bis(2-chloroethyl)ether	1	µg/L	ND	ND	ND	ND
Bis(2-chloroisopropyl) ether	5	µg/L	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	5	µg/L	ND	ND	ND	ND
Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND
Carbazole	NS	µg/L	ND	ND	1.4 J	0.34 J
Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND
Dibenz[a,h]anthracene	NS	µg/L	ND	ND	ND	ND
Dibenzofuran	NS	µg/L	ND	ND	ND	ND
Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND
Dimethyl phthalate	50 (G)	µg/L	ND	ND	3.9 J	ND
Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND
Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND
Fluoranthene	50 (G)	µg/L	0.42 J	ND	ND	ND
Fluorene	50 (G)	µg/L	ND	ND	0.71 J	0.42 J
Hexachlorobenzene	0.04	µg/L	ND	ND	ND	ND
Hexachlorobutadiene	0.5	µg/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	5	µg/L	ND	ND	ND	ND
Hexachloroethane	5	µg/L	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND
Isophorone	50 (G)	µg/L	ND	ND	ND	ND
Naphthalene	10 (G)	µg/L	ND	ND	ND	3.6 J
Nitrobenzene	0.4	µg/L	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	NS	µg/L	ND	ND	ND	ND
N-Nitrosodiphenylamine	50 (G)	µg/L	ND	ND	ND	ND
Pentachlorophenol	5	µg/L	ND	ND	ND	ND
Phenanthrene	50 (G)	µg/L	ND	0.49 J	0.59 J	0.71 J
Phenol	1	µg/L	ND	ND	ND	ND
Pyrene	50 (G)	µg/L	0.39 J	ND	ND	ND

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

ND = 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 - June 2016 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 2016 Sump Sampling EPA Method 8081B EPA Method 8082A	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	S-1 480-101674-4 6.20 TA 480-101674 WATER 6/15/2016	S-2 480-101880-3 4.15 TA 480-101880 WATER 6/17/2016	S-3 480-101880-4 4.13 TA 480-101880 WATER 6/17/2016	S-4 480-101880-5 3.92 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:				
PESTICIDES						
4,4'-DDD	0.2	µg/L	ND	ND	ND	ND
4,4'-DDE	0.2	µg/L	ND	ND	ND	ND
4,4'-DDT	0.2	µg/L	ND	ND	ND	ND
Aldrin	ND	µg/L	ND	ND	ND	ND
alpha-BHC	0.01	µg/L	ND	ND	ND	ND
alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND
beta-BHC	0.04	µg/L	ND	ND	ND	ND
Chlordane	0.05	µg/L	ND	ND	ND	ND
delta-BHC	0.04	µg/L	ND	ND	ND	0.014 J
Dieldrin	0.004	µg/L	ND	ND	ND	ND
Endosulfan I	NS	µg/L	ND	0.017 J	ND	ND
Endosulfan II	NS	µg/L	ND	ND	ND	ND
Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND
Endrin	ND	µg/L	ND	ND	ND	ND
Endrin aldehyde	5	µg/L	ND	ND	ND	ND
Endrin ketone	5	µg/L	ND	ND	ND	ND
gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	0.019 J
gamma-Chlordane	0.05	µg/L	ND	ND	ND	ND
Heptachlor	0.04	µg/L	ND	ND	ND	ND
Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND
Methoxychlor	35	µg/L	ND	ND	5.2	ND
Toxaphene	0.06	µg/L	ND	ND	ND	ND
PCBs						
Aroclor 1016		µg/L	ND	ND	ND	ND
Aroclor 1221		µg/L	ND	ND	ND	ND
Aroclor 1232		µg/L	ND	ND	4.2	0.79
Aroclor 1242		µg/L	ND	ND	ND	ND
Aroclor 1248		µg/L	1.1	ND	ND	ND
Aroclor 1254		µg/L	ND	ND	ND	ND
Aroclor 1260		µg/L	ND	ND	ND	ND
	Sum of all PCBs is <0.09					

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

ND = 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 - June 2016 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 June 2016 Sump Sampling EPA Method 6010C	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled:	S-1 480-101674-4 6.20 TA 480-101674 WATER 6/15/2016	S-2 480-101880-3 4.15 TA 480-101880 WATER 6/17/2016	S-3 480-101880-4 4.13 TA 480-101880 WATER 6/17/2016	S-4 480-101880-5 3.92 TA 480-101880 WATER 6/17/2016
COMPOUND		UNITS:				
INORGANICS						
Aluminum	NS	µg/L	ND	140 J	ND	350
Antimony	3	µg/L	ND	ND	ND	ND
Arsenic	25	µg/L	ND	ND	7.0 J	ND
Barium	1,000	µg/L	51 B	48	93	45
Beryllium	3 (G)	µg/L	ND	ND	ND	ND
Cadmium	10	µg/L	ND	ND	ND	ND
Calcium	NS	µg/L	22,500	82,400 B	212,000 B	70,000 B
Chromium	50	µg/L	ND	ND	ND	ND
Cobalt	NS	µg/L	ND	ND	ND	ND
Copper	200	µg/L	ND	ND	4.4 J	ND
Iron	300	µg/L	640	110	480	200
Lead	25	µg/L	ND	ND	ND	ND
Magnesium	35,000 (G)	µg/L	4,700	260	3,700	310
Manganese	300	µg/L	130 B	6.7	180	9.7
Mercury	0.7	µg/L	ND	ND	ND	ND
Nickel	100	µg/L	1.4 J	2.3 J	2.0 J	1.6 J
Potassium	NS	µg/L	23,500	53,600	89,300	57,400
Selenium	10	µg/L	ND	ND	ND	ND
Silver	50	µg/L	ND	ND	ND	ND
Sodium	20,000	µg/L	45,600 B	105,000	91,900	116,000
Thallium	0.5 (G)	µg/L	ND	ND	ND	ND
Vanadium	NS	µg/L	ND	9.5	3.5 J	7.7
Zinc	2,000 (G)	µg/L	8.3 J B	69 B	25 B	8.8 J B
Cyanide	200	µg/L	12	30	ND	53

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

ND = 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
2016 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: 480-101674-1

Client Project/Site: Cherry Farms Annual GW Sample

For:

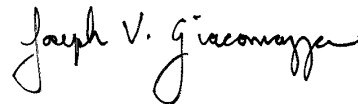
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Thomas Palmer



Authorized for release by:

6/23/2016 11:43:02 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

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

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

TestAmerica Job ID: 480-101674-1

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
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
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.
α	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)

Case Narrative

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

TestAmerica Job ID: 480-101674-1

Job ID: 480-101674-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-101674-1

Receipt

The samples were received on 6/15/2016 4:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7° 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 continuing calibration verification (CCV) associated with batch 480-307218 recovered above the upper control limit for Pentachlorophenol. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW-2 (480-101674-1), MW-1 (480-101674-2), DUP (480-101674-3), S-1 (480-101674-4), (480-101674-D-1-A MS) and (480-101674-D-1-B MSD).

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.

Metals

Method(s) 6010C: The method blank for 480-306931 contained Total Barium above the reporting limit (RL). Associated sample(s) S-1 (480-101674-4) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or 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: 480-101674-1

Client Sample ID: MW-2

Lab Sample ID: 480-101674-1

No Detections.

Client Sample ID: MW-1

Lab Sample ID: 480-101674-2

No Detections.

Client Sample ID: DUP

Lab Sample ID: 480-101674-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol	0.64	J	5.0	0.39	ug/L	1		8270D	Total/NA

Client Sample ID: S-1

Lab Sample ID: 480-101674-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	3.4		2.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.46	J	1.0	0.46	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	7.0		4.8	0.48	ug/L	1		8270D	Total/NA
2-Methylphenol	0.44	J	4.8	0.38	ug/L	1		8270D	Total/NA
Fluoranthene	0.42	J	4.8	0.38	ug/L	1		8270D	Total/NA
Pyrene	0.39	J	4.8	0.33	ug/L	1		8270D	Total/NA
PCB-1248	1.1		0.50	0.17	ug/L	1		8082A	Total/NA
Barium	0.051	B	0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	22.5		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.64		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	4.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	23.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	45.6	B	1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0083	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.012		0.010	0.0050	mg/L	1		9012B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: MW-2

Lab Sample ID: 480-101674-1

Date Collected: 06/15/16 13:00

Matrix: Water

Date Received: 06/15/16 16:25

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			06/22/16 18:23	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/16 18:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/16 18:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/16 18:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/16 18:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/16 18:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/16 18:23	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/16 18:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/16 18:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/22/16 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/16 18:23	1
Acetone	ND		10	3.0	ug/L			06/22/16 18:23	1
Benzene	ND		1.0	0.41	ug/L			06/22/16 18:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/16 18:23	1
Bromoform	ND		1.0	0.26	ug/L			06/22/16 18:23	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/16 18:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/16 18:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/16 18:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/16 18:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/16 18:23	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/16 18:23	1
Chloroform	ND		1.0	0.34	ug/L			06/22/16 18:23	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/16 18:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/16 18:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/16 18:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/16 18:23	1
Styrene	ND		1.0	0.73	ug/L			06/22/16 18:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/16 18:23	1
Toluene	ND		1.0	0.51	ug/L			06/22/16 18:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/16 18:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/16 18:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/16 18:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/16 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		06/22/16 18:23	1
Toluene-d8 (Surr)	96		71 - 126		06/22/16 18:23	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/22/16 18:23	1
Dibromofluoromethane (Surr)	98		60 - 140		06/22/16 18:23	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		06/16/16 10:55	06/17/16 20:06	1
1,2,4-Trichlorobenzene	ND		9.4	0.41	ug/L		06/16/16 10:55	06/17/16 20:06	1
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		06/16/16 10:55	06/17/16 20:06	1
1,2-Dichlorobenzene	ND		9.4	0.37	ug/L		06/16/16 10:55	06/17/16 20:06	1
2,4,6-Trichlorophenol	ND		4.7	0.57	ug/L		06/16/16 10:55	06/17/16 20:06	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/16/16 10:55	06/17/16 20:06	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/16/16 10:55	06/17/16 20:06	1
1,3-Dichlorobenzene	ND		9.4	0.45	ug/L		06/16/16 10:55	06/17/16 20:06	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: MW-2

Lab Sample ID: 480-101674-1

Date Collected: 06/15/16 13:00

Matrix: Water

Date Received: 06/15/16 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		06/16/16 10:55	06/17/16 20:06	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/16/16 10:55	06/17/16 20:06	1
1,4-Dichlorobenzene	ND		9.4	0.43	ug/L		06/16/16 10:55	06/17/16 20:06	1
2,6-Dinitrotoluene	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 20:06	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		06/16/16 10:55	06/17/16 20:06	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/16/16 10:55	06/17/16 20:06	1
2-Methylnaphthalene	ND		4.7	0.56	ug/L		06/16/16 10:55	06/17/16 20:06	1
2-Methylphenol	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 20:06	1
2-Nitroaniline	ND		9.4	0.39	ug/L		06/16/16 10:55	06/17/16 20:06	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/16/16 10:55	06/17/16 20:06	1
3,3'-Dichlorobenzidine	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 20:06	1
3-Nitroaniline	ND		9.4	0.45	ug/L		06/16/16 10:55	06/17/16 20:06	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		06/16/16 10:55	06/17/16 20:06	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		06/16/16 10:55	06/17/16 20:06	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		06/16/16 10:55	06/17/16 20:06	1
4-Chloroaniline	ND		4.7	0.55	ug/L		06/16/16 10:55	06/17/16 20:06	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 20:06	1
4-Methylphenol	ND		9.4	0.34	ug/L		06/16/16 10:55	06/17/16 20:06	1
4-Nitroaniline	ND		9.4	0.23	ug/L		06/16/16 10:55	06/17/16 20:06	1
4-Nitrophenol	ND		9.4	1.4	ug/L		06/16/16 10:55	06/17/16 20:06	1
Acenaphthene	ND		4.7	0.38	ug/L		06/16/16 10:55	06/17/16 20:06	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/16/16 10:55	06/17/16 20:06	1
Anthracene	ND		4.7	0.26	ug/L		06/16/16 10:55	06/17/16 20:06	1
Benzo[a]anthracene	ND		4.7	0.34	ug/L		06/16/16 10:55	06/17/16 20:06	1
Benzo[a]pyrene	ND		4.7	0.44	ug/L		06/16/16 10:55	06/17/16 20:06	1
Benzo[b]fluoranthene	ND		4.7	0.32	ug/L		06/16/16 10:55	06/17/16 20:06	1
Benzo[g,h,i]perylene	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 20:06	1
Benzo[k]fluoranthene	ND		4.7	0.68	ug/L		06/16/16 10:55	06/17/16 20:06	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/16/16 10:55	06/17/16 20:06	1
Bis(2-chloroethyl)ether	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 20:06	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/16/16 10:55	06/17/16 20:06	1
Butyl benzyl phthalate	ND		4.7	0.94	ug/L		06/16/16 10:55	06/17/16 20:06	1
Carbazole	ND		4.7	0.28	ug/L		06/16/16 10:55	06/17/16 20:06	1
Chrysene	ND		4.7	0.31	ug/L		06/16/16 10:55	06/17/16 20:06	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/16/16 10:55	06/17/16 20:06	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		06/16/16 10:55	06/17/16 20:06	1
Dibenz(a,h)anthracene	ND		4.7	0.39	ug/L		06/16/16 10:55	06/17/16 20:06	1
Dibenzofuran	ND		9.4	0.48	ug/L		06/16/16 10:55	06/17/16 20:06	1
Diethyl phthalate	ND		4.7	0.21	ug/L		06/16/16 10:55	06/17/16 20:06	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/16/16 10:55	06/17/16 20:06	1
Fluoranthene	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 20:06	1
Fluorene	ND		4.7	0.34	ug/L		06/16/16 10:55	06/17/16 20:06	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/16/16 10:55	06/17/16 20:06	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/16/16 10:55	06/17/16 20:06	1
Hexachlorocyclopentadiene	ND		4.7	0.55	ug/L		06/16/16 10:55	06/17/16 20:06	1
Hexachloroethane	ND		4.7	0.55	ug/L		06/16/16 10:55	06/17/16 20:06	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.44	ug/L		06/16/16 10:55	06/17/16 20:06	1
Isophorone	ND		4.7	0.40	ug/L		06/16/16 10:55	06/17/16 20:06	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/16/16 10:55	06/17/16 20:06	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: MW-2

Lab Sample ID: 480-101674-1

Date Collected: 06/15/16 13:00

Matrix: Water

Date Received: 06/15/16 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/16/16 10:55	06/17/16 20:06	1
Naphthalene	ND		4.7	0.71	ug/L		06/16/16 10:55	06/17/16 20:06	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/16/16 10:55	06/17/16 20:06	1
Pentachlorophenol	ND		9.4	2.1	ug/L		06/16/16 10:55	06/17/16 20:06	1
Phenanthrene	ND		4.7	0.41	ug/L		06/16/16 10:55	06/17/16 20:06	1
Phenol	ND		4.7	0.37	ug/L		06/16/16 10:55	06/17/16 20:06	1
Pyrene	ND		4.7	0.32	ug/L		06/16/16 10:55	06/17/16 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 132	06/16/16 10:55	06/17/16 20:06	1
2-Fluorobiphenyl	73		48 - 120	06/16/16 10:55	06/17/16 20:06	1
2-Fluorophenol	56		20 - 120	06/16/16 10:55	06/17/16 20:06	1
Nitrobenzene-d5	74		46 - 120	06/16/16 10:55	06/17/16 20:06	1
p-Terphenyl-d14	82		67 - 150	06/16/16 10:55	06/17/16 20:06	1
Phenol-d5	40		16 - 120	06/16/16 10:55	06/17/16 20:06	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		06/16/16 07:53	06/17/16 03:14	1
PCB-1221	ND		0.50	0.18	ug/L		06/16/16 07:53	06/17/16 03:14	1
PCB-1232	ND		0.50	0.18	ug/L		06/16/16 07:53	06/17/16 03:14	1
PCB-1242	ND		0.50	0.18	ug/L		06/16/16 07:53	06/17/16 03:14	1
PCB-1248	ND		0.50	0.18	ug/L		06/16/16 07:53	06/17/16 03:14	1
PCB-1254	ND		0.50	0.25	ug/L		06/16/16 07:53	06/17/16 03:14	1
PCB-1260	ND		0.50	0.25	ug/L		06/16/16 07:53	06/17/16 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		19 - 125	06/16/16 07:53	06/17/16 03:14	1
Tetrachloro-m-xylene	80		24 - 137	06/16/16 07:53	06/17/16 03:14	1

Client Sample ID: MW-1

Lab Sample ID: 480-101674-2

Date Collected: 06/15/16 14:30

Matrix: Water

Date Received: 06/15/16 16:25

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			06/22/16 18:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/16 18:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/16 18:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/16 18:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/16 18:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/16 18:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/16 18:48	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/16 18:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/16 18:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/22/16 18:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/16 18:48	1
Acetone	ND		10	3.0	ug/L			06/22/16 18:48	1
Benzene	ND		1.0	0.41	ug/L			06/22/16 18:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/16 18:48	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: MW-1

Lab Sample ID: 480-101674-2

Date Collected: 06/15/16 14:30

Matrix: Water

Date Received: 06/15/16 16:25

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			06/22/16 18:48	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/16 18:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/16 18:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/16 18:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/16 18:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/16 18:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/16 18:48	1
Chloroform	ND		1.0	0.34	ug/L			06/22/16 18:48	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/16 18:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/16 18:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/16 18:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/16 18:48	1
Styrene	ND		1.0	0.73	ug/L			06/22/16 18:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/16 18:48	1
Toluene	ND		1.0	0.51	ug/L			06/22/16 18:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/16 18:48	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/16 18:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/16 18:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/16 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		06/22/16 18:48	1
Toluene-d8 (Surr)	97		71 - 126		06/22/16 18:48	1
4-Bromofluorobenzene (Surr)	103		73 - 120		06/22/16 18:48	1
Dibromofluoromethane (Surr)	101		60 - 140		06/22/16 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		06/16/16 10:55	06/17/16 20:35	1
1,2,4-Trichlorobenzene	ND		9.6	0.42	ug/L		06/16/16 10:55	06/17/16 20:35	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/16/16 10:55	06/17/16 20:35	1
1,2-Dichlorobenzene	ND		9.6	0.38	ug/L		06/16/16 10:55	06/17/16 20:35	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		06/16/16 10:55	06/17/16 20:35	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 20:35	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		06/16/16 10:55	06/17/16 20:35	1
1,3-Dichlorobenzene	ND		9.6	0.46	ug/L		06/16/16 10:55	06/17/16 20:35	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 20:35	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 20:35	1
1,4-Dichlorobenzene	ND		9.6	0.44	ug/L		06/16/16 10:55	06/17/16 20:35	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 20:35	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/16/16 10:55	06/17/16 20:35	1
2-Chlorophenol	ND		4.8	0.51	ug/L		06/16/16 10:55	06/17/16 20:35	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		06/16/16 10:55	06/17/16 20:35	1
2-Methylphenol	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 20:35	1
2-Nitroaniline	ND		9.6	0.40	ug/L		06/16/16 10:55	06/17/16 20:35	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/16/16 10:55	06/17/16 20:35	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 20:35	1
3-Nitroaniline	ND		9.6	0.46	ug/L		06/16/16 10:55	06/17/16 20:35	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 20:35	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 20:35	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: MW-1

Lab Sample ID: 480-101674-2

Date Collected: 06/15/16 14:30

Matrix: Water

Date Received: 06/15/16 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 20:35	1
4-Chloroaniline	ND		4.8	0.57	ug/L		06/16/16 10:55	06/17/16 20:35	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 20:35	1
4-Methylphenol	ND		9.6	0.35	ug/L		06/16/16 10:55	06/17/16 20:35	1
4-Nitroaniline	ND		9.6	0.24	ug/L		06/16/16 10:55	06/17/16 20:35	1
4-Nitrophenol	ND		9.6	1.5	ug/L		06/16/16 10:55	06/17/16 20:35	1
Acenaphthene	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 20:35	1
Acenaphthylene	ND		4.8	0.37	ug/L		06/16/16 10:55	06/17/16 20:35	1
Anthracene	ND		4.8	0.27	ug/L		06/16/16 10:55	06/17/16 20:35	1
Benzo[a]anthracene	ND		4.8	0.35	ug/L		06/16/16 10:55	06/17/16 20:35	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 20:35	1
Benzo[b]fluoranthene	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 20:35	1
Benzo[g,h,i]perylene	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 20:35	1
Benzo[k]fluoranthene	ND		4.8	0.70	ug/L		06/16/16 10:55	06/17/16 20:35	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 20:35	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 20:35	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		06/16/16 10:55	06/17/16 20:35	1
Butyl benzyl phthalate	ND		4.8	0.96	ug/L		06/16/16 10:55	06/17/16 20:35	1
Carbazole	ND		4.8	0.29	ug/L		06/16/16 10:55	06/17/16 20:35	1
Chrysene	ND		4.8	0.32	ug/L		06/16/16 10:55	06/17/16 20:35	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/16/16 10:55	06/17/16 20:35	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 20:35	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/16/16 10:55	06/17/16 20:35	1
Dibenzofuran	ND		9.6	0.49	ug/L		06/16/16 10:55	06/17/16 20:35	1
Diethyl phthalate	ND		4.8	0.21	ug/L		06/16/16 10:55	06/17/16 20:35	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		06/16/16 10:55	06/17/16 20:35	1
Fluoranthene	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 20:35	1
Fluorene	ND		4.8	0.35	ug/L		06/16/16 10:55	06/17/16 20:35	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 20:35	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/16/16 10:55	06/17/16 20:35	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		06/16/16 10:55	06/17/16 20:35	1
Hexachloroethane	ND		4.8	0.57	ug/L		06/16/16 10:55	06/17/16 20:35	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 20:35	1
Isophorone	ND		4.8	0.41	ug/L		06/16/16 10:55	06/17/16 20:35	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		06/16/16 10:55	06/17/16 20:35	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 20:35	1
Naphthalene	ND		4.8	0.73	ug/L		06/16/16 10:55	06/17/16 20:35	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/16/16 10:55	06/17/16 20:35	1
Pentachlorophenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 20:35	1
Phenanthrene	ND		4.8	0.42	ug/L		06/16/16 10:55	06/17/16 20:35	1
Phenol	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 20:35	1
Pyrene	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		52 - 132				06/16/16 10:55	06/17/16 20:35	1
2-Fluorobiphenyl	103		48 - 120				06/16/16 10:55	06/17/16 20:35	1
2-Fluorophenol	83		20 - 120				06/16/16 10:55	06/17/16 20:35	1
Nitrobenzene-d5	107		46 - 120				06/16/16 10:55	06/17/16 20:35	1
p-Terphenyl-d14	108		67 - 150				06/16/16 10:55	06/17/16 20:35	1
Phenol-d5	56		16 - 120				06/16/16 10:55	06/17/16 20:35	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

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		06/16/16 07:53	06/17/16 03:29	1
PCB-1221	ND		0.52	0.18	ug/L		06/16/16 07:53	06/17/16 03:29	1
PCB-1232	ND		0.52	0.18	ug/L		06/16/16 07:53	06/17/16 03:29	1
PCB-1242	ND		0.52	0.18	ug/L		06/16/16 07:53	06/17/16 03:29	1
PCB-1248	ND		0.52	0.18	ug/L		06/16/16 07:53	06/17/16 03:29	1
PCB-1254	ND		0.52	0.26	ug/L		06/16/16 07:53	06/17/16 03:29	1
PCB-1260	ND		0.52	0.26	ug/L		06/16/16 07:53	06/17/16 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		19 - 125				06/16/16 07:53	06/17/16 03:29	1
Tetrachloro-m-xylene	98		24 - 137				06/16/16 07:53	06/17/16 03:29	1

Client Sample ID: DUP

Lab Sample ID: 480-101674-3

Date Collected: 06/15/16 00:00

Matrix: Water

Date Received: 06/15/16 16:25

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			06/22/16 19:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/16 19:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/16 19:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/16 19:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/16 19:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/16 19:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/16 19:11	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/16 19:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/16 19:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/22/16 19:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/16 19:11	1
Acetone	ND		10	3.0	ug/L			06/22/16 19:11	1
Benzene	ND		1.0	0.41	ug/L			06/22/16 19:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/16 19:11	1
Bromoform	ND		1.0	0.26	ug/L			06/22/16 19:11	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/16 19:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/16 19:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/16 19:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/16 19:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/16 19:11	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/16 19:11	1
Chloroform	ND		1.0	0.34	ug/L			06/22/16 19:11	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/16 19:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/16 19:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/16 19:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/16 19:11	1
Styrene	ND		1.0	0.73	ug/L			06/22/16 19:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/16 19:11	1
Toluene	ND		1.0	0.51	ug/L			06/22/16 19:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/16 19:11	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/16 19:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/16 19:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/16 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137					06/22/16 19:11	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: DUP

Lab Sample ID: 480-101674-3

Date Collected: 06/15/16 00:00

Matrix: Water

Date Received: 06/15/16 16:25

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		71 - 126		06/22/16 19:11	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/22/16 19:11	1
Dibromofluoromethane (Surr)	101		60 - 140		06/22/16 19:11	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		06/16/16 10:55	06/17/16 21:03	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		06/16/16 10:55	06/17/16 21:03	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/16/16 10:55	06/17/16 21:03	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		06/16/16 10:55	06/17/16 21:03	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/16/16 10:55	06/17/16 21:03	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 21:03	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/16/16 10:55	06/17/16 21:03	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		06/16/16 10:55	06/17/16 21:03	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 21:03	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 21:03	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		06/16/16 10:55	06/17/16 21:03	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 21:03	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/16/16 10:55	06/17/16 21:03	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/16/16 10:55	06/17/16 21:03	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/16/16 10:55	06/17/16 21:03	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 21:03	1
2-Nitroaniline	ND		10	0.42	ug/L		06/16/16 10:55	06/17/16 21:03	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/16/16 10:55	06/17/16 21:03	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 21:03	1
3-Nitroaniline	ND		10	0.48	ug/L		06/16/16 10:55	06/17/16 21:03	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 21:03	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 21:03	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 21:03	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 21:03	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 21:03	1
4-Methylphenol	ND		10	0.36	ug/L		06/16/16 10:55	06/17/16 21:03	1
4-Nitroaniline	ND		10	0.25	ug/L		06/16/16 10:55	06/17/16 21:03	1
4-Nitrophenol	ND		10	1.5	ug/L		06/16/16 10:55	06/17/16 21:03	1
Acenaphthene	ND		5.0	0.41	ug/L		06/16/16 10:55	06/17/16 21:03	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/16/16 10:55	06/17/16 21:03	1
Anthracene	ND		5.0	0.28	ug/L		06/16/16 10:55	06/17/16 21:03	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 21:03	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 21:03	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/16/16 10:55	06/17/16 21:03	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 21:03	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/16/16 10:55	06/17/16 21:03	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 21:03	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 21:03	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/16/16 10:55	06/17/16 21:03	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/16/16 10:55	06/17/16 21:03	1
Carbazole	ND		5.0	0.30	ug/L		06/16/16 10:55	06/17/16 21:03	1
Chrysene	ND		5.0	0.33	ug/L		06/16/16 10:55	06/17/16 21:03	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/16/16 10:55	06/17/16 21:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: DUP

Lab Sample ID: 480-101674-3

Date Collected: 06/15/16 00:00

Matrix: Water

Date Received: 06/15/16 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 21:03	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/16/16 10:55	06/17/16 21:03	1
Dibenzofuran	ND		10	0.51	ug/L		06/16/16 10:55	06/17/16 21:03	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/16/16 10:55	06/17/16 21:03	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 21:03	1
Fluoranthene	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 21:03	1
Fluorene	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 21:03	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 21:03	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/16/16 10:55	06/17/16 21:03	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 21:03	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 21:03	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 21:03	1
Isophorone	ND		5.0	0.43	ug/L		06/16/16 10:55	06/17/16 21:03	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/16/16 10:55	06/17/16 21:03	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 21:03	1
Naphthalene	ND		5.0	0.76	ug/L		06/16/16 10:55	06/17/16 21:03	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/16/16 10:55	06/17/16 21:03	1
Pentachlorophenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 21:03	1
Phenanthrene	ND		5.0	0.44	ug/L		06/16/16 10:55	06/17/16 21:03	1
Phenol	0.64	J	5.0	0.39	ug/L		06/16/16 10:55	06/17/16 21:03	1
Pyrene	ND		5.0	0.34	ug/L		06/16/16 10:55	06/17/16 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		52 - 132	06/16/16 10:55	06/17/16 21:03	1
2-Fluorobiphenyl	108		48 - 120	06/16/16 10:55	06/17/16 21:03	1
2-Fluorophenol	87		20 - 120	06/16/16 10:55	06/17/16 21:03	1
Nitrobenzene-d5	111		46 - 120	06/16/16 10:55	06/17/16 21:03	1
p-Terphenyl-d14	109		67 - 150	06/16/16 10:55	06/17/16 21:03	1
Phenol-d5	62		16 - 120	06/16/16 10:55	06/17/16 21:03	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		06/16/16 07:53	06/17/16 03:45	1
PCB-1221	ND		0.51	0.18	ug/L		06/16/16 07:53	06/17/16 03:45	1
PCB-1232	ND		0.51	0.18	ug/L		06/16/16 07:53	06/17/16 03:45	1
PCB-1242	ND		0.51	0.18	ug/L		06/16/16 07:53	06/17/16 03:45	1
PCB-1248	ND		0.51	0.18	ug/L		06/16/16 07:53	06/17/16 03:45	1
PCB-1254	ND		0.51	0.26	ug/L		06/16/16 07:53	06/17/16 03:45	1
PCB-1260	ND		0.51	0.26	ug/L		06/16/16 07:53	06/17/16 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 125	06/16/16 07:53	06/17/16 03:45	1
Tetrachloro-m-xylene	98		24 - 137	06/16/16 07:53	06/17/16 03:45	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: S-1

Lab Sample ID: 480-101674-4

Date Collected: 06/15/16 15:30

Matrix: Water

Date Received: 06/15/16 16:25

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			06/22/16 19:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/16 19:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/16 19:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/16 19:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/16 19:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/16 19:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/16 19:01	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/16 19:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/16 19:01	1
1,2-Dichloroethene, Total	3.4		2.0	0.81	ug/L			06/22/16 19:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/16 19:01	1
Acetone	ND		10	3.0	ug/L			06/22/16 19:01	1
Benzene	ND		1.0	0.41	ug/L			06/22/16 19:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/16 19:01	1
Bromoform	ND		1.0	0.26	ug/L			06/22/16 19:01	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/16 19:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/16 19:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/16 19:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/16 19:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/16 19:01	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/16 19:01	1
Chloroform	ND		1.0	0.34	ug/L			06/22/16 19:01	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/16 19:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/16 19:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/16 19:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/16 19:01	1
Styrene	ND		1.0	0.73	ug/L			06/22/16 19:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/16 19:01	1
Toluene	ND		1.0	0.51	ug/L			06/22/16 19:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/16 19:01	1
Trichloroethene	0.46	J	1.0	0.46	ug/L			06/22/16 19:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/16 19:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/16 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		06/22/16 19:01	1
Toluene-d8 (Surr)	91		71 - 126		06/22/16 19:01	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/22/16 19:01	1
Dibromofluoromethane (Surr)	101		60 - 140		06/22/16 19:01	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		06/16/16 10:55	06/17/16 21:32	1
1,2,4-Trichlorobenzene	ND		9.6	0.42	ug/L		06/16/16 10:55	06/17/16 21:32	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/16/16 10:55	06/17/16 21:32	1
1,2-Dichlorobenzene	ND		9.6	0.38	ug/L		06/16/16 10:55	06/17/16 21:32	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		06/16/16 10:55	06/17/16 21:32	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 21:32	1
2,4-Dimethylphenol	7.0		4.8	0.48	ug/L		06/16/16 10:55	06/17/16 21:32	1
1,3-Dichlorobenzene	ND		9.6	0.46	ug/L		06/16/16 10:55	06/17/16 21:32	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: S-1

Lab Sample ID: 480-101674-4

Date Collected: 06/15/16 15:30

Matrix: Water

Date Received: 06/15/16 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 21:32	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 21:32	1
1,4-Dichlorobenzene	ND		9.6	0.44	ug/L		06/16/16 10:55	06/17/16 21:32	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 21:32	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/16/16 10:55	06/17/16 21:32	1
2-Chlorophenol	ND		4.8	0.51	ug/L		06/16/16 10:55	06/17/16 21:32	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		06/16/16 10:55	06/17/16 21:32	1
2-Methylphenol	0.44	J	4.8	0.38	ug/L		06/16/16 10:55	06/17/16 21:32	1
2-Nitroaniline	ND		9.6	0.40	ug/L		06/16/16 10:55	06/17/16 21:32	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/16/16 10:55	06/17/16 21:32	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 21:32	1
3-Nitroaniline	ND		9.6	0.46	ug/L		06/16/16 10:55	06/17/16 21:32	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 21:32	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 21:32	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/16/16 10:55	06/17/16 21:32	1
4-Chloroaniline	ND		4.8	0.56	ug/L		06/16/16 10:55	06/17/16 21:32	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 21:32	1
4-Methylphenol	ND		9.6	0.34	ug/L		06/16/16 10:55	06/17/16 21:32	1
4-Nitroaniline	ND		9.6	0.24	ug/L		06/16/16 10:55	06/17/16 21:32	1
4-Nitrophenol	ND		9.6	1.5	ug/L		06/16/16 10:55	06/17/16 21:32	1
Acenaphthene	ND		4.8	0.39	ug/L		06/16/16 10:55	06/17/16 21:32	1
Acenaphthylene	ND		4.8	0.36	ug/L		06/16/16 10:55	06/17/16 21:32	1
Anthracene	ND		4.8	0.27	ug/L		06/16/16 10:55	06/17/16 21:32	1
Benzo[a]anthracene	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 21:32	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 21:32	1
Benzo[b]fluoranthene	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 21:32	1
Benzo[g,h,i]perylene	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 21:32	1
Benzo[k]fluoranthene	ND		4.8	0.70	ug/L		06/16/16 10:55	06/17/16 21:32	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		06/16/16 10:55	06/17/16 21:32	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/16/16 10:55	06/17/16 21:32	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		06/16/16 10:55	06/17/16 21:32	1
Butyl benzyl phthalate	ND		4.8	0.96	ug/L		06/16/16 10:55	06/17/16 21:32	1
Carbazole	ND		4.8	0.29	ug/L		06/16/16 10:55	06/17/16 21:32	1
Chrysene	ND		4.8	0.32	ug/L		06/16/16 10:55	06/17/16 21:32	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/16/16 10:55	06/17/16 21:32	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 21:32	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/16/16 10:55	06/17/16 21:32	1
Dibenzofuran	ND		9.6	0.49	ug/L		06/16/16 10:55	06/17/16 21:32	1
Diethyl phthalate	ND		4.8	0.21	ug/L		06/16/16 10:55	06/17/16 21:32	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 21:32	1
Fluoranthene	0.42	J	4.8	0.38	ug/L		06/16/16 10:55	06/17/16 21:32	1
Fluorene	ND		4.8	0.34	ug/L		06/16/16 10:55	06/17/16 21:32	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/16/16 10:55	06/17/16 21:32	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/16/16 10:55	06/17/16 21:32	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		06/16/16 10:55	06/17/16 21:32	1
Hexachloroethane	ND		4.8	0.56	ug/L		06/16/16 10:55	06/17/16 21:32	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		06/16/16 10:55	06/17/16 21:32	1
Isophorone	ND		4.8	0.41	ug/L		06/16/16 10:55	06/17/16 21:32	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		06/16/16 10:55	06/17/16 21:32	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: S-1

Lab Sample ID: 480-101674-4

Date Collected: 06/15/16 15:30

Matrix: Water

Date Received: 06/15/16 16:25

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		06/16/16 10:55	06/17/16 21:32	1
Naphthalene	ND		4.8	0.73	ug/L		06/16/16 10:55	06/17/16 21:32	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/16/16 10:55	06/17/16 21:32	1
Pentachlorophenol	ND		9.6	2.1	ug/L		06/16/16 10:55	06/17/16 21:32	1
Phenanthrene	ND		4.8	0.42	ug/L		06/16/16 10:55	06/17/16 21:32	1
Phenol	ND		4.8	0.37	ug/L		06/16/16 10:55	06/17/16 21:32	1
Pyrene	0.39	J	4.8	0.33	ug/L		06/16/16 10:55	06/17/16 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		52 - 132	06/16/16 10:55	06/17/16 21:32	1
2-Fluorobiphenyl	84		48 - 120	06/16/16 10:55	06/17/16 21:32	1
2-Fluorophenol	72		20 - 120	06/16/16 10:55	06/17/16 21:32	1
Nitrobenzene-d5	92		46 - 120	06/16/16 10:55	06/17/16 21:32	1
p-Terphenyl-d14	104		67 - 150	06/16/16 10:55	06/17/16 21:32	1
Phenol-d5	50		16 - 120	06/16/16 10:55	06/17/16 21:32	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.052	0.0095	ug/L		06/16/16 08:00	06/17/16 17:13	1
4,4'-DDE	ND		0.052	0.012	ug/L		06/16/16 08:00	06/17/16 17:13	1
4,4'-DDT	ND		0.052	0.011	ug/L		06/16/16 08:00	06/17/16 17:13	1
Aldrin	ND		0.052	0.0084	ug/L		06/16/16 08:00	06/17/16 17:13	1
alpha-BHC	ND		0.052	0.0079	ug/L		06/16/16 08:00	06/17/16 17:13	1
alpha-Chlordane	ND		0.052	0.015	ug/L		06/16/16 08:00	06/17/16 17:13	1
beta-BHC	ND		0.052	0.026	ug/L		06/16/16 08:00	06/17/16 17:13	1
delta-BHC	ND		0.052	0.010	ug/L		06/16/16 08:00	06/17/16 17:13	1
Dieldrin	ND		0.052	0.010	ug/L		06/16/16 08:00	06/17/16 17:13	1
Endosulfan I	ND		0.052	0.011	ug/L		06/16/16 08:00	06/17/16 17:13	1
Endosulfan II	ND		0.052	0.012	ug/L		06/16/16 08:00	06/17/16 17:13	1
Endosulfan sulfate	ND		0.052	0.016	ug/L		06/16/16 08:00	06/17/16 17:13	1
Endrin	ND		0.052	0.014	ug/L		06/16/16 08:00	06/17/16 17:13	1
Endrin aldehyde	ND		0.052	0.017	ug/L		06/16/16 08:00	06/17/16 17:13	1
Endrin ketone	ND		0.052	0.012	ug/L		06/16/16 08:00	06/17/16 17:13	1
gamma-BHC (Lindane)	ND		0.052	0.0083	ug/L		06/16/16 08:00	06/17/16 17:13	1
gamma-Chlordane	ND		0.052	0.011	ug/L		06/16/16 08:00	06/17/16 17:13	1
Heptachlor	ND		0.052	0.0088	ug/L		06/16/16 08:00	06/17/16 17:13	1
Heptachlor epoxide	ND		0.052	0.0076	ug/L		06/16/16 08:00	06/17/16 17:13	1
Methoxychlor	ND		0.052	0.015	ug/L		06/16/16 08:00	06/17/16 17:13	1
Toxaphene	ND		0.52	0.12	ug/L		06/16/16 08:00	06/17/16 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	38		20 - 120	06/16/16 08:00	06/17/16 17:13	1
Tetrachloro-m-xylene	81		36 - 120	06/16/16 08:00	06/17/16 17:13	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		06/16/16 07:53	06/17/16 04:00	1
PCB-1221	ND		0.50	0.17	ug/L		06/16/16 07:53	06/17/16 04:00	1
PCB-1232	ND		0.50	0.17	ug/L		06/16/16 07:53	06/17/16 04:00	1
PCB-1242	ND		0.50	0.17	ug/L		06/16/16 07:53	06/17/16 04:00	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: S-1

Lab Sample ID: 480-101674-4

Date Collected: 06/15/16 15:30

Matrix: Water

Date Received: 06/15/16 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	1.1		0.50	0.17	ug/L		06/16/16 07:53	06/17/16 04:00	1
PCB-1254	ND		0.50	0.25	ug/L		06/16/16 07:53	06/17/16 04:00	1
PCB-1260	ND		0.50	0.25	ug/L		06/16/16 07:53	06/17/16 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl</i>	47		19 - 125				06/16/16 07:53	06/17/16 04:00	1
<i>Tetrachloro-m-xylene</i>	81		24 - 137				06/16/16 07:53	06/17/16 04:00	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/16/16 07:34	06/16/16 19:22	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 19:22	1
Arsenic	ND		0.010	0.0056	mg/L		06/16/16 07:34	06/16/16 19:22	1
Barium	0.051	B	0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 19:22	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 19:22	1
Cadmium	ND		0.0010	0.00050	mg/L		06/16/16 07:34	06/16/16 19:22	1
Calcium	22.5		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:22	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 19:22	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 19:22	1
Copper	ND		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 19:22	1
Iron	0.64		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 19:22	1
Lead	ND		0.0050	0.0030	mg/L		06/16/16 07:34	06/16/16 19:22	1
Magnesium	4.7		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 19:22	1
Manganese	0.13	B	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 19:22	1
Nickel	0.0014	J	0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 19:22	1
Potassium	23.5		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 19:22	1
Selenium	ND		0.015	0.0087	mg/L		06/16/16 07:34	06/16/16 19:22	1
Silver	ND		0.0030	0.0017	mg/L		06/16/16 07:34	06/16/16 19:22	1
Sodium	45.6	B	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 19:22	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 19:22	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 19:22	1
Zinc	0.0083	J B	0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 19:22	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		06/21/16 06:30	06/21/16 13:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.012		0.010	0.0050	mg/L		06/21/16 19:45	06/22/16 13:07	1

Surrogate Summary

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

TestAmerica Job ID: 480-101674-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	TOL (71-126)	BFB (73-120)	DBFM (60-140)
480-101674-1	MW-2	89	96	105	98
480-101674-2	MW-1	92	97	103	101
480-101674-3	DUP	94	97	106	101
480-101674-4	S-1	101	91	99	101
LCS 480-307855/5	Lab Control Sample	91	92	94	95
LCS 480-307896/5	Lab Control Sample	86	97	108	97
MB 480-307855/7	Method Blank	94	93	95	95
MB 480-307896/7	Method Blank	87	95	106	98

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
480-101674-1	MW-2	83	73	56	74	82	40
480-101674-1 MS	MW-2	107	101	100	101	105	89
480-101674-1 MSD	MW-2	108	104	105	107	105	92
480-101674-2	MW-1	102	103	83	107	108	56
480-101674-3	DUP	108	108	87	111	109	62
480-101674-4	S-1	108	84	72	92	104	50
LCS 480-306989/2-A	Lab Control Sample	98	95	78	95	108	59
MB 480-306989/1-A	Method Blank	98	89	71	95	114	51

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
480-101674-4	S-1	38	81
LCS 480-306937/2-A	Lab Control Sample	37	65
MB 480-306937/1-A	Method Blank	44	69

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-101674-1

TCX = Tetrachloro-m-xylene

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (19-125)	TCX2 (24-137)
480-101674-1	MW-2	56	80
480-101674-2	MW-1	54	98
480-101674-3	DUP	61	98
480-101674-4	S-1	47	81
LCS 480-306934/2-A	Lab Control Sample	60	91
MB 480-306934/1-A	Method Blank	61	93

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: MB 480-307855/7

Matrix: Water

Analysis Batch: 307855

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			06/22/16 11:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/16 11:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/16 11:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/16 11:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/16 11:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/16 11:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/16 11:48	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/16 11:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/16 11:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/22/16 11:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/16 11:48	1
Acetone	ND		10	3.0	ug/L			06/22/16 11:48	1
Benzene	ND		1.0	0.41	ug/L			06/22/16 11:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/16 11:48	1
Bromoform	ND		1.0	0.26	ug/L			06/22/16 11:48	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/16 11:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/16 11:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/16 11:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/16 11:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/16 11:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/16 11:48	1
Chloroform	ND		1.0	0.34	ug/L			06/22/16 11:48	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/16 11:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/16 11:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/16 11:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/16 11:48	1
Styrene	ND		1.0	0.73	ug/L			06/22/16 11:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/16 11:48	1
Toluene	ND		1.0	0.51	ug/L			06/22/16 11:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/16 11:48	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/16 11:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/16 11:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/16 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		06/22/16 11:48	1
Toluene-d8 (Surr)	93		71 - 126		06/22/16 11:48	1
4-Bromofluorobenzene (Surr)	95		73 - 120		06/22/16 11:48	1
Dibromofluoromethane (Surr)	95		60 - 140		06/22/16 11:48	1

Lab Sample ID: LCS 480-307855/5

Matrix: Water

Analysis Batch: 307855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.6		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.7		ug/L		87	70 - 126
1,1,2-Trichloroethane	25.0	22.1		ug/L		88	76 - 122

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: LCS 480-307855/5

Matrix: Water

Analysis Batch: 307855

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	24.3		ug/L		97	58 - 121
1,2-Dichloroethane	25.0	22.7		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	21.9		ug/L		88	76 - 120
2-Hexanone	125	112		ug/L		89	65 - 127
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	128		ug/L		102	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	22.7		ug/L		91	80 - 122
Bromoform	25.0	23.0		ug/L		92	52 - 132
Bromomethane	25.0	22.4		ug/L		90	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	25.7		ug/L		103	72 - 134
Chlorobenzene	25.0	22.7		ug/L		91	72 - 120
Dibromochloromethane	25.0	23.0		ug/L		92	75 - 125
Chloroethane	25.0	23.5		ug/L		94	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	22.3		ug/L		89	68 - 124
cis-1,3-Dichloropropene	25.0	23.6		ug/L		94	74 - 124
Ethylbenzene	25.0	22.9		ug/L		92	77 - 123
Methylene Chloride	25.0	22.5		ug/L		90	57 - 132
Styrene	25.0	23.2		ug/L		93	70 - 130
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	23.1		ug/L		93	80 - 122
trans-1,3-Dichloropropene	25.0	22.7		ug/L		91	72 - 123
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Vinyl chloride	25.0	24.8		ug/L		99	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		66 - 137
Toluene-d8 (Surr)	92		71 - 126
4-Bromofluorobenzene (Surr)	94		73 - 120
Dibromofluoromethane (Surr)	95		60 - 140

Lab Sample ID: MB 480-307896/7

Matrix: Water

Analysis Batch: 307896

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			06/22/16 11:39	1
1,1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/22/16 11:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/22/16 11:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/22/16 11:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/22/16 11:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/22/16 11:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/22/16 11:39	1
2-Hexanone	ND		5.0	1.2	ug/L			06/22/16 11:39	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: MB 480-307896/7

Matrix: Water

Analysis Batch: 307896

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/16 11:39	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/22/16 11:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/22/16 11:39	1
Acetone	ND		10	3.0	ug/L			06/22/16 11:39	1
Benzene	ND		1.0	0.41	ug/L			06/22/16 11:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/22/16 11:39	1
Bromoform	ND		1.0	0.26	ug/L			06/22/16 11:39	1
Bromomethane	ND		1.0	0.69	ug/L			06/22/16 11:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/22/16 11:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/22/16 11:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/22/16 11:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/22/16 11:39	1
Chloroethane	ND		1.0	0.32	ug/L			06/22/16 11:39	1
Chloroform	ND		1.0	0.34	ug/L			06/22/16 11:39	1
Chloromethane	ND		1.0	0.35	ug/L			06/22/16 11:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/22/16 11:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/22/16 11:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/22/16 11:39	1
Styrene	ND		1.0	0.73	ug/L			06/22/16 11:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/22/16 11:39	1
Toluene	ND		1.0	0.51	ug/L			06/22/16 11:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/22/16 11:39	1
Trichloroethene	ND		1.0	0.46	ug/L			06/22/16 11:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/22/16 11:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/22/16 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		66 - 137		06/22/16 11:39	1
Toluene-d8 (Surr)	95		71 - 126		06/22/16 11:39	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/22/16 11:39	1
Dibromofluoromethane (Surr)	98		60 - 140		06/22/16 11:39	1

Lab Sample ID: LCS 480-307896/5

Matrix: Water

Analysis Batch: 307896

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.0		ug/L		88	73 - 126
1,1,1,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 126
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	23.2		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	24.7		ug/L		99	58 - 121
1,2-Dichloroethane	25.0	20.4		ug/L		81	75 - 127
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
2-Hexanone	125	112		ug/L		89	65 - 127
2-Butanone (MEK)	125	132		ug/L		106	57 - 140
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	71 - 125
Acetone	125	143		ug/L		115	56 - 142

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: LCS 480-307896/5

Matrix: Water

Analysis Batch: 307896

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	24.7		ug/L		99	71 - 124
Bromodichloromethane	25.0	22.7		ug/L		91	80 - 122
Bromoform	25.0	27.3		ug/L		109	52 - 132
Bromomethane	25.0	23.0		ug/L		92	55 - 144
Carbon disulfide	25.0	23.4		ug/L		94	59 - 134
Carbon tetrachloride	25.0	23.1		ug/L		92	72 - 134
Chlorobenzene	25.0	23.7		ug/L		95	72 - 120
Dibromochloromethane	25.0	24.8		ug/L		99	75 - 125
Chloroethane	25.0	21.8		ug/L		87	69 - 136
Chloroform	25.0	22.0		ug/L		88	73 - 127
Chloromethane	25.0	20.3		ug/L		81	68 - 124
cis-1,3-Dichloropropene	25.0	23.6		ug/L		95	74 - 124
Ethylbenzene	25.0	23.0		ug/L		92	77 - 123
Methylene Chloride	25.0	25.9		ug/L		104	57 - 132
Styrene	25.0	23.8		ug/L		95	70 - 130
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	23.5		ug/L		94	80 - 122
trans-1,3-Dichloropropene	25.0	22.5		ug/L		90	72 - 123
Trichloroethene	25.0	24.5		ug/L		98	74 - 123
Vinyl chloride	25.0	22.6		ug/L		90	65 - 133

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	86		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	108		73 - 120
Dibromofluoromethane (Surr)	97		60 - 140

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

Lab Sample ID: MB 480-306989/1-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306989

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/16/16 10:55	06/17/16 17:39	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/16/16 10:55	06/17/16 17:39	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/16/16 10:55	06/17/16 17:39	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 17:39	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		06/16/16 10:55	06/17/16 17:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/16/16 10:55	06/17/16 17:39	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: MB 480-306989/1-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306989

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Nitroaniline	ND		10	0.42	ug/L		06/16/16 10:55	06/17/16 17:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/16/16 10:55	06/17/16 17:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
3-Nitroaniline	ND		10	0.48	ug/L		06/16/16 10:55	06/17/16 17:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Methylphenol	ND		10	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Nitroaniline	ND		10	0.25	ug/L		06/16/16 10:55	06/17/16 17:39	1
4-Nitrophenol	ND		10	1.5	ug/L		06/16/16 10:55	06/17/16 17:39	1
Acenaphthene	ND		5.0	0.41	ug/L		06/16/16 10:55	06/17/16 17:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/16/16 10:55	06/17/16 17:39	1
Anthracene	ND		5.0	0.28	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 17:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/16/16 10:55	06/17/16 17:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/16/16 10:55	06/17/16 17:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/16/16 10:55	06/17/16 17:39	1
Carbazole	ND		5.0	0.30	ug/L		06/16/16 10:55	06/17/16 17:39	1
Chrysene	ND		5.0	0.33	ug/L		06/16/16 10:55	06/17/16 17:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/16/16 10:55	06/17/16 17:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 17:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/16/16 10:55	06/17/16 17:39	1
Dibenzofuran	ND		10	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/16/16 10:55	06/17/16 17:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
Fluoranthene	ND		5.0	0.40	ug/L		06/16/16 10:55	06/17/16 17:39	1
Fluorene	ND		5.0	0.36	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 17:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/16/16 10:55	06/17/16 17:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/16/16 10:55	06/17/16 17:39	1
Isophorone	ND		5.0	0.43	ug/L		06/16/16 10:55	06/17/16 17:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/16/16 10:55	06/17/16 17:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/16/16 10:55	06/17/16 17:39	1
Naphthalene	ND		5.0	0.76	ug/L		06/16/16 10:55	06/17/16 17:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/16/16 10:55	06/17/16 17:39	1
Pentachlorophenol	ND		10	2.2	ug/L		06/16/16 10:55	06/17/16 17:39	1
Phenanthrene	ND		5.0	0.44	ug/L		06/16/16 10:55	06/17/16 17:39	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: MB 480-306989/1-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		06/16/16 10:55	06/17/16 17:39	1
Pyrene	ND		5.0	0.34	ug/L		06/16/16 10:55	06/17/16 17:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	06/16/16 10:55	06/17/16 17:39	1
2-Fluorobiphenyl	89		48 - 120	06/16/16 10:55	06/17/16 17:39	1
2-Fluorophenol	71		20 - 120	06/16/16 10:55	06/17/16 17:39	1
Nitrobenzene-d5	95		46 - 120	06/16/16 10:55	06/17/16 17:39	1
p-Terphenyl-d14	114		67 - 150	06/16/16 10:55	06/17/16 17:39	1
Phenol-d5	51		16 - 120	06/16/16 10:55	06/17/16 17:39	1

Lab Sample ID: LCS 480-306989/2-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	16.0	13.9		ug/L		87	28 - 136
1,2,4-Trichlorobenzene	16.0	13.9		ug/L		87	40 - 120
2,4,5-Trichlorophenol	16.0	17.0		ug/L		106	65 - 126
1,2-Dichlorobenzene	16.0	12.6		ug/L		79	33 - 120
2,4,6-Trichlorophenol	16.0	17.1		ug/L		107	64 - 120
2,4-Dichlorophenol	16.0	14.9		ug/L		93	64 - 120
2,4-Dimethylphenol	16.0	14.4		ug/L		90	57 - 120
1,3-Dichlorobenzene	16.0	12.6		ug/L		79	28 - 120
2,4-Dinitrophenol	32.0	27.8		ug/L		87	42 - 153
2,4-Dinitrotoluene	16.0	16.6		ug/L		104	65 - 154
1,4-Dichlorobenzene	16.0	12.6		ug/L		79	32 - 120
2,6-Dinitrotoluene	16.0	15.9		ug/L		99	74 - 134
2-Chloronaphthalene	16.0	15.3		ug/L		96	41 - 124
2-Chlorophenol	16.0	14.2		ug/L		89	48 - 120
2-Methylnaphthalene	16.0	14.8		ug/L		92	34 - 122
2-Methylphenol	16.0	14.0		ug/L		87	39 - 120
2-Nitroaniline	16.0	15.0		ug/L		93	67 - 136
2-Nitrophenol	16.0	15.7		ug/L		98	59 - 120
3,3'-Dichlorobenzidine	32.0	33.7		ug/L		105	33 - 140
3-Nitroaniline	16.0	13.8		ug/L		86	28 - 130
4,6-Dinitro-2-methylphenol	32.0	29.7		ug/L		93	64 - 159
4-Bromophenyl phenyl ether	16.0	15.9		ug/L		99	71 - 126
4-Chloro-3-methylphenol	16.0	16.2		ug/L		101	64 - 120
4-Chloroaniline	16.0	10.9		ug/L		68	10 - 130
4-Chlorophenyl phenyl ether	16.0	16.0		ug/L		100	71 - 122
4-Methylphenol	16.0	13.7		ug/L		85	39 - 120
4-Nitroaniline	16.0	14.6		ug/L		91	47 - 130
4-Nitrophenol	32.0	27.8		ug/L		87	16 - 120
Acenaphthene	16.0	14.8		ug/L		93	60 - 120
Acenaphthylene	16.0	15.0		ug/L		94	63 - 120
Anthracene	16.0	13.1		ug/L		82	58 - 148
Benzo[a]anthracene	16.0	16.2		ug/L		101	55 - 151

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: LCS 480-306989/2-A

Matrix: Water

Analysis Batch: 307218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]pyrene	16.0	15.6		ug/L		98	60 - 145
Benzo[b]fluoranthene	16.0	16.9		ug/L		105	54 - 140
Benzo[g,h,i]perylene	16.0	17.5		ug/L		110	66 - 152
Benzo[k]fluoranthene	16.0	16.7		ug/L		105	51 - 153
Bis(2-chloroethoxy)methane	16.0	15.2		ug/L		95	50 - 128
Bis(2-chloroethyl)ether	16.0	14.4		ug/L		90	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	16.1		ug/L		101	53 - 158
Butyl benzyl phthalate	16.0	17.1		ug/L		107	58 - 163
Carbazole	16.0	17.0		ug/L		106	59 - 148
Chrysene	16.0	15.9		ug/L		100	69 - 140
Di-n-butyl phthalate	16.0	17.0		ug/L		106	58 - 149
Di-n-octyl phthalate	16.0	15.5		ug/L		97	55 - 167
Dibenz(a,h)anthracene	16.0	17.4		ug/L		109	57 - 148
Dibenzofuran	16.0	15.8		ug/L		99	49 - 137
Diethyl phthalate	16.0	16.1		ug/L		101	59 - 146
Dimethyl phthalate	16.0	16.6		ug/L		104	59 - 141
Fluoranthene	16.0	16.9		ug/L		106	55 - 147
Fluorene	16.0	16.2		ug/L		101	55 - 143
Hexachlorobenzene	16.0	15.0		ug/L		94	14 - 130
Hexachlorobutadiene	16.0	12.8		ug/L		80	14 - 130
Hexachlorocyclopentadiene	16.0	11.6		ug/L		73	13 - 130
Hexachloroethane	16.0	12.6		ug/L		79	14 - 130
Indeno[1,2,3-cd]pyrene	16.0	17.7		ug/L		110	69 - 146
Isophorone	16.0	16.0		ug/L		100	48 - 133
N-Nitrosodi-n-propylamine	16.0	15.0		ug/L		94	56 - 120
N-Nitrosodiphenylamine	16.0	12.1		ug/L		75	25 - 125
Naphthalene	16.0	14.1		ug/L		88	35 - 130
Nitrobenzene	16.0	15.0		ug/L		94	45 - 123
Pentachlorophenol	32.0	39.9		ug/L		125	39 - 136
Phenanthrene	16.0	16.1		ug/L		100	57 - 147
Phenol	16.0	9.69		ug/L		61	17 - 120
Pyrene	16.0	15.7		ug/L		98	58 - 136

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	98		52 - 132
2-Fluorobiphenyl	95		48 - 120
2-Fluorophenol	78		20 - 120
Nitrobenzene-d5	95		46 - 120
p-Terphenyl-d14	108		67 - 150
Phenol-d5	59		16 - 120

Lab Sample ID: 480-101674-1 MS

Matrix: Water

Analysis Batch: 307218

Client Sample ID: MW-2

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	ND		34.8	33.1		ug/L		95	28 - 136
1,2,4-Trichlorobenzene	ND		34.8	32.4		ug/L		93	40 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: 480-101674-1 MS

Matrix: Water

Analysis Batch: 307218

Client Sample ID: MW-2

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2,4,5-Trichlorophenol	ND		34.8	39.7		ug/L		114	65 - 126
1,2-Dichlorobenzene	ND		34.8	29.9		ug/L		86	33 - 120
2,4,6-Trichlorophenol	ND		34.8	38.8		ug/L		112	64 - 120
2,4-Dichlorophenol	ND		34.8	35.2		ug/L		101	64 - 120
2,4-Dimethylphenol	ND		34.8	36.7		ug/L		105	57 - 120
1,3-Dichlorobenzene	ND		34.8	29.3		ug/L		84	28 - 120
2,4-Dinitrophenol	ND		69.6	68.6		ug/L		99	42 - 153
2,4-Dinitrotoluene	ND		34.8	39.7		ug/L		114	62 - 148
1,4-Dichlorobenzene	ND		34.8	30.5		ug/L		88	32 - 120
2,6-Dinitrotoluene	ND		34.8	36.2		ug/L		104	65 - 154
2-Chloronaphthalene	ND		34.8	34.8		ug/L		100	41 - 124
2-Chlorophenol	ND		34.8	33.9		ug/L		97	48 - 120
2-Methylnaphthalene	ND		34.8	34.7		ug/L		100	34 - 122
2-Methylphenol	ND		34.8	35.0		ug/L		100	39 - 120
2-Nitroaniline	ND		34.8	34.8		ug/L		100	67 - 136
2-Nitrophenol	ND		34.8	36.4		ug/L		105	59 - 120
3,3'-Dichlorobenzidine	ND		69.6	68.5		ug/L		99	33 - 140
3-Nitroaniline	ND		34.8	31.1		ug/L		90	69 - 129
4,6-Dinitro-2-methylphenol	ND		69.6	69.4		ug/L		100	64 - 159
4-Bromophenyl phenyl ether	ND		34.8	35.7		ug/L		103	71 - 126
4-Chloro-3-methylphenol	ND		34.8	37.9		ug/L		109	64 - 120
4-Chloroaniline	ND		34.8	24.0		ug/L		69	60 - 124
4-Chlorophenyl phenyl ether	ND		34.8	36.5		ug/L		105	48 - 145
4-Methylphenol	ND		34.8	34.6		ug/L		100	36 - 120
4-Nitroaniline	ND		34.8	33.5		ug/L		96	64 - 135
4-Nitrophenol	ND		69.6	72.7		ug/L		104	16 - 120
Acenaphthene	ND		34.8	33.2		ug/L		96	60 - 120
Acenaphthylene	ND		34.8	34.1		ug/L		98	63 - 120
Anthracene	ND		34.8	36.9		ug/L		106	58 - 148
Benzo[a]anthracene	ND		34.8	36.3		ug/L		104	55 - 151
Benzo[a]pyrene	ND		34.8	35.2		ug/L		101	60 - 145
Benzo[b]fluoranthene	ND		34.8	35.5		ug/L		102	54 - 140
Benzo[g,h,i]perylene	ND		34.8	36.0		ug/L		104	66 - 152
Benzo[k]fluoranthene	ND		34.8	34.5		ug/L		99	51 - 153
Bis(2-chloroethoxy)methane	ND		34.8	35.5		ug/L		102	50 - 128
Bis(2-chloroethyl)ether	ND		34.8	32.8		ug/L		94	51 - 120
Bis(2-ethylhexyl) phthalate	ND		34.8	34.6		ug/L		100	53 - 158
Butyl benzyl phthalate	ND		34.8	39.0		ug/L		112	58 - 163
Carbazole	ND		34.8	38.7		ug/L		111	59 - 148
Chrysene	ND		34.8	33.6		ug/L		97	69 - 140
Di-n-butyl phthalate	ND		34.8	40.1		ug/L		115	58 - 149
Di-n-octyl phthalate	ND		34.8	31.8		ug/L		91	55 - 167
Dibenz(a,h)anthracene	ND		34.8	35.9		ug/L		103	57 - 158
Dibenzofuran	ND		34.8	35.9		ug/L		103	49 - 137
Diethyl phthalate	ND		34.8	36.4		ug/L		105	59 - 146
Dimethyl phthalate	ND		34.8	37.1		ug/L		107	59 - 141
Fluoranthene	ND		34.8	39.0		ug/L		112	55 - 147
Fluorene	ND		34.8	36.7		ug/L		106	55 - 143

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: 480-101674-1 MS

Matrix: Water

Analysis Batch: 307218

Client Sample ID: MW-2

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Hexachlorobenzene	ND		34.8	35.8		ug/L		103	38 - 131
Hexachlorobutadiene	ND		34.8	31.1		ug/L		89	14 - 130
Hexachlorocyclopentadiene	ND		34.8	25.5		ug/L		73	13 - 130
Hexachloroethane	ND		34.8	30.3		ug/L		87	14 - 130
Indeno[1,2,3-cd]pyrene	ND		34.8	36.8		ug/L		106	69 - 146
Isophorone	ND		34.8	36.8		ug/L		106	48 - 133
N-Nitrosodi-n-propylamine	ND		34.8	35.3		ug/L		101	56 - 120
N-Nitrosodiphenylamine	ND		34.8	36.0		ug/L		103	25 - 125
Naphthalene	ND		34.8	33.0		ug/L		95	35 - 130
Nitrobenzene	ND		34.8	35.5		ug/L		102	45 - 123
Pentachlorophenol	ND		69.6	90.5		ug/L		130	39 - 136
Phenanthrene	ND		34.8	36.8		ug/L		106	57 - 147
Phenol	ND		34.8	30.7		ug/L		88	17 - 120
Pyrene	ND		34.8	36.6		ug/L		105	58 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	107		52 - 132
2-Fluorobiphenyl	101		48 - 120
2-Fluorophenol	100		20 - 120
Nitrobenzene-d5	101		46 - 120
p-Terphenyl-d14	105		67 - 150
Phenol-d5	89		16 - 120

Lab Sample ID: 480-101674-1 MSD

Matrix: Water

Analysis Batch: 307218

Client Sample ID: MW-2

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
bis (2-chloroisopropyl) ether	ND		34.8	35.3		ug/L		102	28 - 136	7	24
1,2,4-Trichlorobenzene	ND		34.8	35.0		ug/L		101	40 - 120	8	30
2,4,5-Trichlorophenol	ND		34.8	40.7		ug/L		117	65 - 126	2	18
1,2-Dichlorobenzene	ND		34.8	33.4		ug/L		96	33 - 120	11	29
2,4,6-Trichlorophenol	ND		34.8	40.4		ug/L		116	64 - 120	4	19
2,4-Dichlorophenol	ND		34.8	36.3		ug/L		104	64 - 120	3	19
2,4-Dimethylphenol	ND		34.8	36.4		ug/L		105	57 - 120	1	42
1,3-Dichlorobenzene	ND		34.8	31.7		ug/L		91	28 - 120	8	37
2,4-Dinitrophenol	ND		69.6	69.5		ug/L		100	42 - 153	1	22
2,4-Dinitrotoluene	ND		34.8	40.5		ug/L		116	62 - 148	2	20
1,4-Dichlorobenzene	ND		34.8	32.3		ug/L		93	32 - 120	6	36
2,6-Dinitrotoluene	ND		34.8	35.7		ug/L		103	65 - 154	1	15
2-Chloronaphthalene	ND		34.8	36.1		ug/L		104	41 - 124	4	21
2-Chlorophenol	ND		34.8	36.0		ug/L		103	48 - 120	6	25
2-Methylnaphthalene	ND		34.8	35.2		ug/L		101	34 - 122	1	21
2-Methylphenol	ND		34.8	38.0		ug/L		109	39 - 120	8	27
2-Nitroaniline	ND		34.8	34.9		ug/L		100	67 - 136	1	15
2-Nitrophenol	ND		34.8	38.9		ug/L		112	59 - 120	7	18
3,3'-Dichlorobenzidine	ND		69.6	71.2		ug/L		102	33 - 140	4	25
3-Nitroaniline	ND		34.8	31.9		ug/L		92	69 - 129	2	19

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: 480-101674-1 MSD

Matrix: Water

Analysis Batch: 307218

Client Sample ID: MW-2

Prep Type: Total/NA

Prep Batch: 306989

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
4,6-Dinitro-2-methylphenol	ND		69.6	72.3		ug/L		104	64 - 159	4	15
4-Bromophenyl phenyl ether	ND		34.8	37.7		ug/L		108	71 - 126	5	15
4-Chloro-3-methylphenol	ND		34.8	37.5		ug/L		108	64 - 120	1	27
4-Chloroaniline	ND		34.8	26.2		ug/L		75	60 - 124	9	22
4-Chlorophenyl phenyl ether	ND		34.8	38.2		ug/L		110	48 - 145	4	16
4-Methylphenol	ND		34.8	35.9		ug/L		103	36 - 120	4	24
4-Nitroaniline	ND		34.8	29.8		ug/L		86	64 - 135	12	24
4-Nitrophenol	ND		69.6	70.5		ug/L		101	16 - 120	3	48
Acenaphthene	ND		34.8	35.4		ug/L		102	60 - 120	6	24
Acenaphthylene	ND		34.8	35.8		ug/L		103	63 - 120	5	18
Anthracene	ND		34.8	37.8		ug/L		109	58 - 148	2	15
Benzo[a]anthracene	ND		34.8	36.0		ug/L		103	55 - 151	1	15
Benzo[a]pyrene	ND		34.8	35.0		ug/L		101	60 - 145	1	15
Benzo[b]fluoranthene	ND		34.8	36.0		ug/L		104	54 - 140	1	15
Benzo[g,h,i]perylene	ND		34.8	35.3		ug/L		101	66 - 152	2	15
Benzo[k]fluoranthene	ND		34.8	34.7		ug/L		100	51 - 153	1	22
Bis(2-chloroethoxy)methane	ND		34.8	36.5		ug/L		105	50 - 128	3	17
Bis(2-chloroethyl)ether	ND		34.8	35.5		ug/L		102	51 - 120	8	21
Bis(2-ethylhexyl) phthalate	ND		34.8	32.9		ug/L		94	53 - 158	5	15
Butyl benzyl phthalate	ND		34.8	38.8		ug/L		112	58 - 163	0	16
Carbazole	ND		34.8	39.5		ug/L		114	59 - 148	2	20
Chrysene	ND		34.8	34.5		ug/L		99	69 - 140	3	15
Di-n-butyl phthalate	ND		34.8	38.6		ug/L		111	58 - 149	4	15
Di-n-octyl phthalate	ND		34.8	30.7		ug/L		88	55 - 167	3	16
Dibenz(a,h)anthracene	ND		34.8	35.2		ug/L		101	57 - 158	2	15
Dibenzofuran	ND		34.8	36.9		ug/L		106	49 - 137	3	15
Diethyl phthalate	ND		34.8	36.6		ug/L		105	59 - 146	1	15
Dimethyl phthalate	ND		34.8	38.1		ug/L		110	59 - 141	3	15
Fluoranthene	ND		34.8	39.1		ug/L		112	55 - 147	0	15
Fluorene	ND		34.8	37.4		ug/L		108	55 - 143	2	15
Hexachlorobenzene	ND		34.8	36.1		ug/L		104	38 - 131	1	15
Hexachlorobutadiene	ND		34.8	32.1		ug/L		92	14 - 130	3	44
Hexachlorocyclopentadiene	ND		34.8	28.0		ug/L		80	13 - 130	9	49
Hexachloroethane	ND		34.8	31.8		ug/L		91	14 - 130	5	46
Indeno[1,2,3-cd]pyrene	ND		34.8	35.7		ug/L		103	69 - 146	3	15
Isophorone	ND		34.8	37.9		ug/L		109	48 - 133	3	17
N-Nitrosodi-n-propylamine	ND		34.8	36.1		ug/L		104	56 - 120	2	31
N-Nitrosodiphenylamine	ND		34.8	37.2		ug/L		107	25 - 125	3	15
Naphthalene	ND		34.8	34.3		ug/L		99	35 - 130	4	29
Nitrobenzene	ND		34.8	36.0		ug/L		103	45 - 123	1	24
Pentachlorophenol	ND		69.6	92.1		ug/L		132	39 - 136	2	37
Phenanthrene	ND		34.8	37.4		ug/L		107	57 - 147	2	15
Phenol	ND		34.8	30.9		ug/L		89	17 - 120	1	34
Pyrene	ND		34.8	36.5		ug/L		105	58 - 136	0	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	108		52 - 132
2-Fluorobiphenyl	104		48 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: 480-101674-1 MSD

Matrix: Water

Analysis Batch: 307218

Client Sample ID: MW-2

Prep Type: Total/NA

Prep Batch: 306989

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2-Fluorophenol	105		20 - 120
Nitrobenzene-d5	107		46 - 120
p-Terphenyl-d14	105		67 - 150
Phenol-d5	92		16 - 120

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-306937/1-A

Matrix: Water

Analysis Batch: 307210

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306937

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDD	ND		0.050	0.0092	ug/L		06/16/16 08:00	06/17/16 11:19	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/16/16 08:00	06/17/16 11:19	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/16/16 08:00	06/17/16 11:19	1
Aldrin	ND		0.050	0.0081	ug/L		06/16/16 08:00	06/17/16 11:19	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/16/16 08:00	06/17/16 11:19	1
alpha-Chlordane	ND		0.050	0.015	ug/L		06/16/16 08:00	06/17/16 11:19	1
beta-BHC	ND		0.050	0.025	ug/L		06/16/16 08:00	06/17/16 11:19	1
delta-BHC	ND		0.050	0.010	ug/L		06/16/16 08:00	06/17/16 11:19	1
Dieldrin	ND		0.050	0.0098	ug/L		06/16/16 08:00	06/17/16 11:19	1
Endosulfan I	ND		0.050	0.011	ug/L		06/16/16 08:00	06/17/16 11:19	1
Endosulfan II	ND		0.050	0.012	ug/L		06/16/16 08:00	06/17/16 11:19	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/16/16 08:00	06/17/16 11:19	1
Endrin	ND		0.050	0.014	ug/L		06/16/16 08:00	06/17/16 11:19	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/16/16 08:00	06/17/16 11:19	1
Endrin ketone	ND		0.050	0.012	ug/L		06/16/16 08:00	06/17/16 11:19	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/16/16 08:00	06/17/16 11:19	1
gamma-Chlordane	ND		0.050	0.011	ug/L		06/16/16 08:00	06/17/16 11:19	1
Heptachlor	ND		0.050	0.0085	ug/L		06/16/16 08:00	06/17/16 11:19	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/16/16 08:00	06/17/16 11:19	1
Methoxychlor	ND		0.050	0.014	ug/L		06/16/16 08:00	06/17/16 11:19	1
Toxaphene	ND		0.50	0.12	ug/L		06/16/16 08:00	06/17/16 11:19	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	44		20 - 120	06/16/16 08:00	06/17/16 11:19	1
Tetrachloro-m-xylene	69		36 - 120	06/16/16 08:00	06/17/16 11:19	1

Lab Sample ID: LCS 480-306937/2-A

Matrix: Water

Analysis Batch: 307210

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDE	0.400	0.277		ug/L		69	45 - 133
4,4'-DDT	0.400	0.335		ug/L		84	50 - 136
Aldrin	0.400	0.227		ug/L		57	40 - 125

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: LCS 480-306937/2-A

Matrix: Water

Analysis Batch: 307210

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
alpha-BHC	0.400	0.253		ug/L		63	52 - 125
alpha-Chlordane	0.400	0.270		ug/L		67	52 - 133
beta-BHC	0.400	0.271		ug/L		68	51 - 135
delta-BHC	0.400	0.270		ug/L		68	51 - 132
Dieldrin	0.400	0.309		ug/L		77	49 - 136
Endosulfan I	0.400	0.277		ug/L		69	51 - 134
Endosulfan II	0.400	0.317		ug/L		79	52 - 138
Endosulfan sulfate	0.400	0.340		ug/L		85	47 - 136
Endrin	0.400	0.323		ug/L		81	52 - 143
Endrin aldehyde	0.400	0.295		ug/L		74	46 - 134
Endrin ketone	0.400	0.343		ug/L		86	51 - 138
gamma-BHC (Lindane)	0.400	0.280		ug/L		70	56 - 127
gamma-Chlordane	0.400	0.242		ug/L		61	52 - 128
Heptachlor	0.400	0.293		ug/L		73	51 - 125
Heptachlor epoxide	0.400	0.255		ug/L		64	50 - 140
Methoxychlor	0.400	0.456		ug/L		114	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	37		20 - 120
Tetrachloro-m-xylene	65		36 - 120

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

Lab Sample ID: MB 480-306934/1-A

Matrix: Water

Analysis Batch: 307100

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 306934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		06/16/16 07:53	06/16/16 23:08	1
PCB-1221	ND		0.50	0.18	ug/L		06/16/16 07:53	06/16/16 23:08	1
PCB-1232	ND		0.50	0.18	ug/L		06/16/16 07:53	06/16/16 23:08	1
PCB-1242	ND		0.50	0.18	ug/L		06/16/16 07:53	06/16/16 23:08	1
PCB-1248	ND		0.50	0.18	ug/L		06/16/16 07:53	06/16/16 23:08	1
PCB-1254	ND		0.50	0.25	ug/L		06/16/16 07:53	06/16/16 23:08	1
PCB-1260	ND		0.50	0.25	ug/L		06/16/16 07:53	06/16/16 23:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 125	06/16/16 07:53	06/16/16 23:08	1
Tetrachloro-m-xylene	93		24 - 137	06/16/16 07:53	06/16/16 23:08	1

Lab Sample ID: LCS 480-306934/2-A

Matrix: Water

Analysis Batch: 307100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 306934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	4.16		ug/L		104	62 - 130
PCB-1260	4.00	3.78		ug/L		95	56 - 123

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: LCS 480-306934/2-A
Matrix: Water
Analysis Batch: 307100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 306934

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	60		19 - 125
Tetrachloro-m-xylene	91		24 - 137

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-306931/1-A
Matrix: Water
Analysis Batch: 307150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 306931

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		06/16/16 07:34	06/16/16 18:04	1
Antimony	ND		0.020	0.0068	mg/L		06/16/16 07:34	06/16/16 18:04	1
Arsenic	ND		0.010	0.0056	mg/L		06/16/16 07:34	06/16/16 18:04	1
Barium	0.00206		0.0020	0.00070	mg/L		06/16/16 07:34	06/16/16 18:04	1
Beryllium	ND		0.0020	0.00030	mg/L		06/16/16 07:34	06/16/16 18:04	1
Cadmium	ND		0.0010	0.00050	mg/L		06/16/16 07:34	06/16/16 18:04	1
Calcium	ND		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 18:04	1
Chromium	ND		0.0040	0.0010	mg/L		06/16/16 07:34	06/16/16 18:04	1
Cobalt	ND		0.0040	0.00063	mg/L		06/16/16 07:34	06/16/16 18:04	1
Copper	ND		0.010	0.0016	mg/L		06/16/16 07:34	06/16/16 18:04	1
Iron	ND		0.050	0.019	mg/L		06/16/16 07:34	06/16/16 18:04	1
Lead	ND		0.0050	0.0030	mg/L		06/16/16 07:34	06/16/16 18:04	1
Magnesium	ND		0.20	0.043	mg/L		06/16/16 07:34	06/16/16 18:04	1
Manganese	0.000660	J	0.0030	0.00040	mg/L		06/16/16 07:34	06/16/16 18:04	1
Nickel	ND		0.010	0.0013	mg/L		06/16/16 07:34	06/16/16 18:04	1
Potassium	ND		0.50	0.10	mg/L		06/16/16 07:34	06/16/16 18:04	1
Selenium	ND		0.015	0.0087	mg/L		06/16/16 07:34	06/16/16 18:04	1
Silver	ND		0.0030	0.0017	mg/L		06/16/16 07:34	06/16/16 18:04	1
Sodium	0.415	J	1.0	0.32	mg/L		06/16/16 07:34	06/16/16 18:04	1
Thallium	ND		0.020	0.010	mg/L		06/16/16 07:34	06/16/16 18:04	1
Vanadium	ND		0.0050	0.0015	mg/L		06/16/16 07:34	06/16/16 18:04	1
Zinc	0.00226	J	0.010	0.0015	mg/L		06/16/16 07:34	06/16/16 18:04	1

Lab Sample ID: LCS 480-306931/2-A
Matrix: Water
Analysis Batch: 307150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 306931

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Aluminum	10.0	9.56		mg/L		96	80 - 120
Antimony	0.200	0.197		mg/L		99	80 - 120
Arsenic	0.200	0.198		mg/L		99	80 - 120
Barium	0.200	0.199		mg/L		99	80 - 120
Beryllium	0.200	0.194		mg/L		97	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Calcium	10.0	9.42		mg/L		94	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.200	0.187		mg/L		94	80 - 120
Copper	0.200	0.189		mg/L		94	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

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

Lab Sample ID: LCS 480-306931/2-A
Matrix: Water
Analysis Batch: 307150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 306931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	10.0	10.09		mg/L		101	80 - 120
Lead	0.200	0.195		mg/L		97	80 - 120
Magnesium	10.0	9.87		mg/L		99	80 - 120
Manganese	0.200	0.199		mg/L		99	80 - 120
Nickel	0.200	0.187		mg/L		94	80 - 120
Potassium	10.0	9.94		mg/L		99	80 - 120
Selenium	0.200	0.198		mg/L		99	80 - 120
Silver	0.0500	0.0492		mg/L		98	80 - 120
Sodium	10.0	9.93		mg/L		99	80 - 120
Thallium	0.200	0.196		mg/L		98	80 - 120
Vanadium	0.200	0.196		mg/L		98	80 - 120
Zinc	0.200	0.194		mg/L		97	80 - 120

Method: 7470A_ASP - Mercury (CVAA)

Lab Sample ID: MB 480-307552/1-A
Matrix: Water
Analysis Batch: 307780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 307552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/16 06:30	06/21/16 12:37	1

Lab Sample ID: LCS 480-307552/2-A
Matrix: Water
Analysis Batch: 307780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 307552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00737		mg/L		110	80 - 120

Lab Sample ID: LCSD 480-307552/3-A
Matrix: Water
Analysis Batch: 307780

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 307552

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00667	0.00737		mg/L		110	80 - 120	0	20

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-307820/1-A
Matrix: Water
Analysis Batch: 307954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 307820

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		06/21/16 19:45	06/22/16 12:47	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101674-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCS 480-307820/2-A
Matrix: Water
Analysis Batch: 307954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 307820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.254		mg/L		102	90 - 110

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QC Association Summary

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

TestAmerica Job ID: 480-101674-1

GC/MS VOA

Analysis Batch: 307855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	8260C	
LCS 480-307855/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-307855/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 307896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-1	MW-2	Total/NA	Water	8260C	
480-101674-2	MW-1	Total/NA	Water	8260C	
480-101674-3	DUP	Total/NA	Water	8260C	
LCS 480-307896/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-307896/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 306989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-1	MW-2	Total/NA	Water	3510C	
480-101674-1 MS	MW-2	Total/NA	Water	3510C	
480-101674-1 MSD	MW-2	Total/NA	Water	3510C	
480-101674-2	MW-1	Total/NA	Water	3510C	
480-101674-3	DUP	Total/NA	Water	3510C	
480-101674-4	S-1	Total/NA	Water	3510C	
LCS 480-306989/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-306989/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 307218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-1	MW-2	Total/NA	Water	8270D	306989
480-101674-1 MS	MW-2	Total/NA	Water	8270D	306989
480-101674-1 MSD	MW-2	Total/NA	Water	8270D	306989
480-101674-2	MW-1	Total/NA	Water	8270D	306989
480-101674-3	DUP	Total/NA	Water	8270D	306989
480-101674-4	S-1	Total/NA	Water	8270D	306989
LCS 480-306989/2-A	Lab Control Sample	Total/NA	Water	8270D	306989
MB 480-306989/1-A	Method Blank	Total/NA	Water	8270D	306989

GC Semi VOA

Prep Batch: 306934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-1	MW-2	Total/NA	Water	3510C	
480-101674-2	MW-1	Total/NA	Water	3510C	
480-101674-3	DUP	Total/NA	Water	3510C	
480-101674-4	S-1	Total/NA	Water	3510C	
LCS 480-306934/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-306934/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 306937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	3510C	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101674-1

GC Semi VOA (Continued)

Prep Batch: 306937 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-306937/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-306937/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 307100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-1	MW-2	Total/NA	Water	8082A	306934
480-101674-2	MW-1	Total/NA	Water	8082A	306934
480-101674-3	DUP	Total/NA	Water	8082A	306934
480-101674-4	S-1	Total/NA	Water	8082A	306934
LCS 480-306934/2-A	Lab Control Sample	Total/NA	Water	8082A	306934
MB 480-306934/1-A	Method Blank	Total/NA	Water	8082A	306934

Analysis Batch: 307210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	8081B	306937
LCS 480-306937/2-A	Lab Control Sample	Total/NA	Water	8081B	306937
MB 480-306937/1-A	Method Blank	Total/NA	Water	8081B	306937

Metals

Prep Batch: 306931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	3005A	
LCS 480-306931/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-306931/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 307150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	6010C	306931
LCS 480-306931/2-A	Lab Control Sample	Total/NA	Water	6010C	306931
MB 480-306931/1-A	Method Blank	Total/NA	Water	6010C	306931

Prep Batch: 307552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	7470A	
LCS 480-307552/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 480-307552/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 480-307552/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 307780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	7470A_ASP	307552
LCS 480-307552/2-A	Lab Control Sample	Total/NA	Water	7470A_ASP	307552
LCSD 480-307552/3-A	Lab Control Sample Dup	Total/NA	Water	7470A_ASP	307552
MB 480-307552/1-A	Method Blank	Total/NA	Water	7470A_ASP	307552

QC Association Summary

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

TestAmerica Job ID: 480-101674-1

General Chemistry

Prep Batch: 307820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	9012B	
LCS 480-307820/2-A	Lab Control Sample	Total/NA	Water	9012B	
MB 480-307820/1-A	Method Blank	Total/NA	Water	9012B	

Analysis Batch: 307954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101674-4	S-1	Total/NA	Water	9012B	307820
LCS 480-307820/2-A	Lab Control Sample	Total/NA	Water	9012B	307820
MB 480-307820/1-A	Method Blank	Total/NA	Water	9012B	307820

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Lab Chronicle

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: MW-2

Lab Sample ID: 480-101674-1

Date Collected: 06/15/16 13:00

Matrix: Water

Date Received: 06/15/16 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	307896	06/22/16 18:23	SMY	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307218	06/17/16 20:06	PJQ	TAL BUF
Total/NA	Prep	3510C			306934	06/16/16 07:53	CPH	TAL BUF
Total/NA	Analysis	8082A		1	307100	06/17/16 03:14	JMO	TAL BUF

Client Sample ID: MW-1

Lab Sample ID: 480-101674-2

Date Collected: 06/15/16 14:30

Matrix: Water

Date Received: 06/15/16 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	307896	06/22/16 18:48	SMY	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307218	06/17/16 20:35	PJQ	TAL BUF
Total/NA	Prep	3510C			306934	06/16/16 07:53	CPH	TAL BUF
Total/NA	Analysis	8082A		1	307100	06/17/16 03:29	JMO	TAL BUF

Client Sample ID: DUP

Lab Sample ID: 480-101674-3

Date Collected: 06/15/16 00:00

Matrix: Water

Date Received: 06/15/16 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	307896	06/22/16 19:11	SMY	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307218	06/17/16 21:03	PJQ	TAL BUF
Total/NA	Prep	3510C			306934	06/16/16 07:53	CPH	TAL BUF
Total/NA	Analysis	8082A		1	307100	06/17/16 03:45	JMO	TAL BUF

Client Sample ID: S-1

Lab Sample ID: 480-101674-4

Date Collected: 06/15/16 15:30

Matrix: Water

Date Received: 06/15/16 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	307855	06/22/16 19:01	GVF	TAL BUF
Total/NA	Prep	3510C			306989	06/16/16 10:55	CPH	TAL BUF
Total/NA	Analysis	8270D		1	307218	06/17/16 21:32	PJQ	TAL BUF
Total/NA	Prep	3510C			306937	06/16/16 08:00	RMZ	TAL BUF
Total/NA	Analysis	8081B		1	307210	06/17/16 17:13	MAN	TAL BUF
Total/NA	Prep	3510C			306934	06/16/16 07:53	CPH	TAL BUF
Total/NA	Analysis	8082A		1	307100	06/17/16 04:00	JMO	TAL BUF
Total/NA	Prep	3005A			306931	06/16/16 07:34	BAE	TAL BUF
Total/NA	Analysis	6010C		1	307150	06/16/16 19:22	SLB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-101674-1

Client Sample ID: S-1

Lab Sample ID: 480-101674-4

Date Collected: 06/15/16 15:30

Matrix: Water

Date Received: 06/15/16 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			307552	06/21/16 06:30	KJ1	TAL BUF
Total/NA	Analysis	7470A_ASP		1	307780	06/21/16 13:05	KJ1	TAL BUF
Total/NA	Prep	9012B			307820	06/21/16 19:45	CLT	TAL BUF
Total/NA	Analysis	9012B		1	307954	06/22/16 13:07	MDL	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: 480-101674-1

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	03-31-17

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: 480-101674-1

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 and/or 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: 480-101674-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-101674-1	MW-2	Water	06/15/16 13:00	06/15/16 16:25
480-101674-2	MW-1	Water	06/15/16 14:30	06/15/16 16:25
480-101674-3	DUP	Water	06/15/16 00:00	06/15/16 16:25
480-101674-4	S-1	Water	06/15/16 15:30	06/15/16 16:25

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Detection Limit Exceptions Summary

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

TestAmerica Job ID: 480-101674-1

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

Client Information Client Contact: Steven Leitten Company: Groundwater & Environmental Services Inc Address: 495 Aero Drive Suite 3 City: Cheektowaga State, Zip: NY, 14225 Phone: 800-287-7857 (Tel) Email: sleitten@gesonline.com Project Name: Cherry Farms Annual GW Sample Site:		Lab PM: Stone, Judy L E-Mail: judy.stone@testamericainc.com Carrier Tracking No(s): COC No: 480-81493-15219.1 Page: Page 1 of 2 Job #:	
Due Date Requested: TAT Requested (days): 10 days PO #: 0901469 WO #: Project #: 48002788 SSOW#:		Analysis Requested 8082A - TCL PCBs - OLM04.2 8270D - (MOD) TCL SVOA - OLM04.2 8260C - (MOD) TCL list OLM04.2 8081B - TCL Pesticides - OLM04.2 8010C, 7470A 9012B - Cyanide, Total	
Sample Identification MW-2 MW-1 Dup S-1		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Matrix (W=water, S=solid, O=water/oil, G=grab) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code:	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Special Instructions/Note: 480-101674 Chain of Custody	
Deleiverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: [Signature] Date/Time: 6/15/16 1625 Company: GES		Received by: [Signature] Date/Time: 6/15/16 Company:	
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 37# ICE	



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-101674-1

Login Number: 101674

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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 (Excluding tests with immediate HTs)..	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.	N/A	



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: 480-101785-1

Client Project/Site: Cherry Farms Annual GW Sample

For:

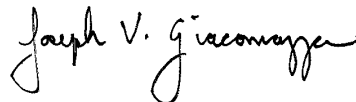
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Thomas Palmer



Authorized for release by:

6/27/2016 4:48:55 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

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

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

TestAmerica Job ID: 480-101785-1

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.

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)

Case Narrative

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

TestAmerica Job ID: 480-101785-1

Job ID: 480-101785-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-101785-1

Receipt

The samples were received on 6/16/2016 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.0° C.

GC/MS VOA

Method(s) 8260C: The sample was collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, when verified by the laboratory, the pH was greater than 2 and the following samples were analyzed after 7 days from sampling: MW-4 (480-101785-5).

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) associated with batch 480-307368 recovered above the upper control limit for Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW-6 (480-101785-1), MW-3 (480-101785-2), MW-7 (480-101785-3), MW-5 (480-101785-4) and MW-4 (480-101785-5).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-307368 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, 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 Semi VOA

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 analytical batch 480-307286. An LCSD was added due to volume concerns with associated samples.

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: 480-101785-1

Client Sample ID: MW-6

Lab Sample ID: 480-101785-1

No Detections.

Client Sample ID: MW-3

Lab Sample ID: 480-101785-2

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 480-101785-3

No Detections.

Client Sample ID: MW-5

Lab Sample ID: 480-101785-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	8.3	J	10	3.0	ug/L	1			8260C	Total/NA
Benzene	11		1.0	0.41	ug/L	1			8260C	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 480-101785-5

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-6
Date Collected: 06/16/16 10:15
Date Received: 06/16/16 16:10

Lab Sample ID: 480-101785-1
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			06/24/16 01:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/16 01:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/16 01:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/16 01:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/16 01:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/16 01:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/16 01:07	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/16 01:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/16 01:07	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/24/16 01:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/16 01:07	1
Acetone	ND		10	3.0	ug/L			06/24/16 01:07	1
Benzene	ND		1.0	0.41	ug/L			06/24/16 01:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/16 01:07	1
Bromoform	ND		1.0	0.26	ug/L			06/24/16 01:07	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/16 01:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/16 01:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/16 01:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/16 01:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/16 01:07	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/16 01:07	1
Chloroform	ND		1.0	0.34	ug/L			06/24/16 01:07	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/16 01:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/16 01:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/16 01:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/16 01:07	1
Styrene	ND		1.0	0.73	ug/L			06/24/16 01:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/16 01:07	1
Toluene	ND		1.0	0.51	ug/L			06/24/16 01:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/16 01:07	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/16 01:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/16 01:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/16 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		06/24/16 01:07	1
Toluene-d8 (Surr)	91		71 - 126		06/24/16 01:07	1
4-Bromofluorobenzene (Surr)	95		73 - 120		06/24/16 01:07	1
Dibromofluoromethane (Surr)	99		60 - 140		06/24/16 01:07	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		06/17/16 15:18	06/19/16 03:53	1
1,2,4-Trichlorobenzene	ND		11	0.49	ug/L		06/17/16 15:18	06/19/16 03:53	1
2,4,5-Trichlorophenol	ND		5.6	0.53	ug/L		06/17/16 15:18	06/19/16 03:53	1
1,2-Dichlorobenzene	ND		11	0.44	ug/L		06/17/16 15:18	06/19/16 03:53	1
2,4,6-Trichlorophenol	ND		5.6	0.68	ug/L		06/17/16 15:18	06/19/16 03:53	1
2,4-Dichlorophenol	ND		5.6	0.57	ug/L		06/17/16 15:18	06/19/16 03:53	1
2,4-Dimethylphenol	ND		5.6	0.56	ug/L		06/17/16 15:18	06/19/16 03:53	1
1,3-Dichlorobenzene	ND		11	0.53	ug/L		06/17/16 15:18	06/19/16 03:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-6

Lab Sample ID: 480-101785-1

Date Collected: 06/16/16 10:15

Matrix: Water

Date Received: 06/16/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		11	2.5	ug/L		06/17/16 15:18	06/19/16 03:53	1
2,4-Dinitrotoluene	ND		5.6	0.50	ug/L		06/17/16 15:18	06/19/16 03:53	1
1,4-Dichlorobenzene	ND		11	0.51	ug/L		06/17/16 15:18	06/19/16 03:53	1
2,6-Dinitrotoluene	ND		5.6	0.44	ug/L		06/17/16 15:18	06/19/16 03:53	1
2-Chloronaphthalene	ND		5.6	0.51	ug/L		06/17/16 15:18	06/19/16 03:53	1
2-Chlorophenol	ND		5.6	0.59	ug/L		06/17/16 15:18	06/19/16 03:53	1
2-Methylnaphthalene	ND		5.6	0.67	ug/L		06/17/16 15:18	06/19/16 03:53	1
2-Methylphenol	ND		5.6	0.44	ug/L		06/17/16 15:18	06/19/16 03:53	1
2-Nitroaniline	ND		11	0.47	ug/L		06/17/16 15:18	06/19/16 03:53	1
2-Nitrophenol	ND		5.6	0.53	ug/L		06/17/16 15:18	06/19/16 03:53	1
3,3'-Dichlorobenzidine	ND		5.6	0.44	ug/L		06/17/16 15:18	06/19/16 03:53	1
3-Nitroaniline	ND		11	0.53	ug/L		06/17/16 15:18	06/19/16 03:53	1
4,6-Dinitro-2-methylphenol	ND		11	2.4	ug/L		06/17/16 15:18	06/19/16 03:53	1
4-Bromophenyl phenyl ether	ND		5.6	0.50	ug/L		06/17/16 15:18	06/19/16 03:53	1
4-Chloro-3-methylphenol	ND		5.6	0.50	ug/L		06/17/16 15:18	06/19/16 03:53	1
4-Chloroaniline	ND		5.6	0.65	ug/L		06/17/16 15:18	06/19/16 03:53	1
4-Chlorophenyl phenyl ether	ND		5.6	0.39	ug/L		06/17/16 15:18	06/19/16 03:53	1
4-Methylphenol	ND		11	0.40	ug/L		06/17/16 15:18	06/19/16 03:53	1
4-Nitroaniline	ND		11	0.28	ug/L		06/17/16 15:18	06/19/16 03:53	1
4-Nitrophenol	ND		11	1.7	ug/L		06/17/16 15:18	06/19/16 03:53	1
Acenaphthene	ND		5.6	0.46	ug/L		06/17/16 15:18	06/19/16 03:53	1
Acenaphthylene	ND		5.6	0.42	ug/L		06/17/16 15:18	06/19/16 03:53	1
Anthracene	ND		5.6	0.31	ug/L		06/17/16 15:18	06/19/16 03:53	1
Benzo[a]anthracene	ND		5.6	0.40	ug/L		06/17/16 15:18	06/19/16 03:53	1
Benzo[a]pyrene	ND		5.6	0.52	ug/L		06/17/16 15:18	06/19/16 03:53	1
Benzo[b]fluoranthene	ND		5.6	0.38	ug/L		06/17/16 15:18	06/19/16 03:53	1
Benzo[g,h,i]perylene	ND		5.6	0.39	ug/L		06/17/16 15:18	06/19/16 03:53	1
Benzo[k]fluoranthene	ND		5.6	0.81	ug/L		06/17/16 15:18	06/19/16 03:53	1
Bis(2-chloroethoxy)methane	ND		5.6	0.39	ug/L		06/17/16 15:18	06/19/16 03:53	1
Bis(2-chloroethyl)ether	ND		5.6	0.44	ug/L		06/17/16 15:18	06/19/16 03:53	1
Bis(2-ethylhexyl) phthalate	ND		5.6	2.4	ug/L		06/17/16 15:18	06/19/16 03:53	1
Butyl benzyl phthalate	ND		5.6	1.1	ug/L		06/17/16 15:18	06/19/16 03:53	1
Carbazole	ND		5.6	0.33	ug/L		06/17/16 15:18	06/19/16 03:53	1
Chrysene	ND		5.6	0.37	ug/L		06/17/16 15:18	06/19/16 03:53	1
Di-n-butyl phthalate	ND		5.6	0.34	ug/L		06/17/16 15:18	06/19/16 03:53	1
Di-n-octyl phthalate	ND		5.6	0.52	ug/L		06/17/16 15:18	06/19/16 03:53	1
Dibenz(a,h)anthracene	ND		5.6	0.47	ug/L		06/17/16 15:18	06/19/16 03:53	1
Dibenzofuran	ND		11	0.57	ug/L		06/17/16 15:18	06/19/16 03:53	1
Diethyl phthalate	ND		5.6	0.24	ug/L		06/17/16 15:18	06/19/16 03:53	1
Dimethyl phthalate	ND		5.6	0.40	ug/L		06/17/16 15:18	06/19/16 03:53	1
Fluoranthene	ND		5.6	0.44	ug/L		06/17/16 15:18	06/19/16 03:53	1
Fluorene	ND		5.6	0.40	ug/L		06/17/16 15:18	06/19/16 03:53	1
Hexachlorobenzene	ND		5.6	0.57	ug/L		06/17/16 15:18	06/19/16 03:53	1
Hexachlorobutadiene	ND		5.6	0.75	ug/L		06/17/16 15:18	06/19/16 03:53	1
Hexachlorocyclopentadiene	ND		5.6	0.65	ug/L		06/17/16 15:18	06/19/16 03:53	1
Hexachloroethane	ND		5.6	0.65	ug/L		06/17/16 15:18	06/19/16 03:53	1
Indeno[1,2,3-cd]pyrene	ND		5.6	0.52	ug/L		06/17/16 15:18	06/19/16 03:53	1
Isophorone	ND		5.6	0.48	ug/L		06/17/16 15:18	06/19/16 03:53	1
N-Nitrosodi-n-propylamine	ND		5.6	0.60	ug/L		06/17/16 15:18	06/19/16 03:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-6

Lab Sample ID: 480-101785-1

Date Collected: 06/16/16 10:15

Matrix: Water

Date Received: 06/16/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.6	0.57	ug/L		06/17/16 15:18	06/19/16 03:53	1
Naphthalene	ND		5.6	0.84	ug/L		06/17/16 15:18	06/19/16 03:53	1
Nitrobenzene	ND		5.6	0.32	ug/L		06/17/16 15:18	06/19/16 03:53	1
Pentachlorophenol	ND		11	2.4	ug/L		06/17/16 15:18	06/19/16 03:53	1
Phenanthrene	ND		5.6	0.49	ug/L		06/17/16 15:18	06/19/16 03:53	1
Phenol	ND		5.6	0.43	ug/L		06/17/16 15:18	06/19/16 03:53	1
Pyrene	ND		5.6	0.38	ug/L		06/17/16 15:18	06/19/16 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 132	06/17/16 15:18	06/19/16 03:53	1
2-Fluorobiphenyl	93		48 - 120	06/17/16 15:18	06/19/16 03:53	1
2-Fluorophenol	76		20 - 120	06/17/16 15:18	06/19/16 03:53	1
Nitrobenzene-d5	97		46 - 120	06/17/16 15:18	06/19/16 03:53	1
p-Terphenyl-d14	89		67 - 150	06/17/16 15:18	06/19/16 03:53	1
Phenol-d5	54		16 - 120	06/17/16 15:18	06/19/16 03:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.56	0.20	ug/L		06/17/16 15:40	06/18/16 00:38	1
PCB-1221	ND		0.56	0.20	ug/L		06/17/16 15:40	06/18/16 00:38	1
PCB-1232	ND		0.56	0.20	ug/L		06/17/16 15:40	06/18/16 00:38	1
PCB-1242	ND		0.56	0.20	ug/L		06/17/16 15:40	06/18/16 00:38	1
PCB-1248	ND		0.56	0.20	ug/L		06/17/16 15:40	06/18/16 00:38	1
PCB-1254	ND		0.56	0.28	ug/L		06/17/16 15:40	06/18/16 00:38	1
PCB-1260	ND		0.56	0.28	ug/L		06/17/16 15:40	06/18/16 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		19 - 125	06/17/16 15:40	06/18/16 00:38	1
Tetrachloro-m-xylene	78		24 - 137	06/17/16 15:40	06/18/16 00:38	1

Client Sample ID: MW-3

Lab Sample ID: 480-101785-2

Date Collected: 06/16/16 11:30

Matrix: Water

Date Received: 06/16/16 16:10

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			06/24/16 17:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/16 17:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/16 17:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/16 17:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/16 17:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/16 17:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/16 17:56	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/16 17:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/16 17:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/24/16 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/16 17:56	1
Acetone	ND		10	3.0	ug/L			06/24/16 17:56	1
Benzene	ND		1.0	0.41	ug/L			06/24/16 17:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/16 17:56	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-3

Lab Sample ID: 480-101785-2

Date Collected: 06/16/16 11:30

Matrix: Water

Date Received: 06/16/16 16:10

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			06/24/16 17:56	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/16 17:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/16 17:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/16 17:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/16 17:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/16 17:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/16 17:56	1
Chloroform	ND		1.0	0.34	ug/L			06/24/16 17:56	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/16 17:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/16 17:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/16 17:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/16 17:56	1
Styrene	ND		1.0	0.73	ug/L			06/24/16 17:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/16 17:56	1
Toluene	ND		1.0	0.51	ug/L			06/24/16 17:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/16 17:56	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/16 17:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/16 17:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/16 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		06/24/16 17:56	1
Toluene-d8 (Surr)	93		71 - 126		06/24/16 17:56	1
4-Bromofluorobenzene (Surr)	103		73 - 120		06/24/16 17:56	1
Dibromofluoromethane (Surr)	104		60 - 140		06/24/16 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.9	0.51	ug/L		06/17/16 15:18	06/19/16 04:21	1
1,2,4-Trichlorobenzene	ND		9.9	0.43	ug/L		06/17/16 15:18	06/19/16 04:21	1
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		06/17/16 15:18	06/19/16 04:21	1
1,2-Dichlorobenzene	ND		9.9	0.40	ug/L		06/17/16 15:18	06/19/16 04:21	1
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L		06/17/16 15:18	06/19/16 04:21	1
2,4-Dichlorophenol	ND		4.9	0.50	ug/L		06/17/16 15:18	06/19/16 04:21	1
2,4-Dimethylphenol	ND		4.9	0.49	ug/L		06/17/16 15:18	06/19/16 04:21	1
1,3-Dichlorobenzene	ND		9.9	0.47	ug/L		06/17/16 15:18	06/19/16 04:21	1
2,4-Dinitrophenol	ND		9.9	2.2	ug/L		06/17/16 15:18	06/19/16 04:21	1
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L		06/17/16 15:18	06/19/16 04:21	1
1,4-Dichlorobenzene	ND		9.9	0.45	ug/L		06/17/16 15:18	06/19/16 04:21	1
2,6-Dinitrotoluene	ND		4.9	0.40	ug/L		06/17/16 15:18	06/19/16 04:21	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		06/17/16 15:18	06/19/16 04:21	1
2-Chlorophenol	ND		4.9	0.52	ug/L		06/17/16 15:18	06/19/16 04:21	1
2-Methylnaphthalene	ND		4.9	0.59	ug/L		06/17/16 15:18	06/19/16 04:21	1
2-Methylphenol	ND		4.9	0.40	ug/L		06/17/16 15:18	06/19/16 04:21	1
2-Nitroaniline	ND		9.9	0.42	ug/L		06/17/16 15:18	06/19/16 04:21	1
2-Nitrophenol	ND		4.9	0.47	ug/L		06/17/16 15:18	06/19/16 04:21	1
3,3'-Dichlorobenzidine	ND		4.9	0.40	ug/L		06/17/16 15:18	06/19/16 04:21	1
3-Nitroaniline	ND		9.9	0.47	ug/L		06/17/16 15:18	06/19/16 04:21	1
4,6-Dinitro-2-methylphenol	ND		9.9	2.2	ug/L		06/17/16 15:18	06/19/16 04:21	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		06/17/16 15:18	06/19/16 04:21	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-3

Lab Sample ID: 480-101785-2

Date Collected: 06/16/16 11:30

Matrix: Water

Date Received: 06/16/16 16:10

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		06/17/16 15:18	06/19/16 04:21	1
4-Chloroaniline	ND		4.9	0.58	ug/L		06/17/16 15:18	06/19/16 04:21	1
4-Chlorophenyl phenyl ether	ND		4.9	0.35	ug/L		06/17/16 15:18	06/19/16 04:21	1
4-Methylphenol	ND		9.9	0.36	ug/L		06/17/16 15:18	06/19/16 04:21	1
4-Nitroaniline	ND		9.9	0.25	ug/L		06/17/16 15:18	06/19/16 04:21	1
4-Nitrophenol	ND		9.9	1.5	ug/L		06/17/16 15:18	06/19/16 04:21	1
Acenaphthene	ND		4.9	0.41	ug/L		06/17/16 15:18	06/19/16 04:21	1
Acenaphthylene	ND		4.9	0.38	ug/L		06/17/16 15:18	06/19/16 04:21	1
Anthracene	ND		4.9	0.28	ug/L		06/17/16 15:18	06/19/16 04:21	1
Benzo[a]anthracene	ND		4.9	0.36	ug/L		06/17/16 15:18	06/19/16 04:21	1
Benzo[a]pyrene	ND		4.9	0.46	ug/L		06/17/16 15:18	06/19/16 04:21	1
Benzo[b]fluoranthene	ND		4.9	0.34	ug/L		06/17/16 15:18	06/19/16 04:21	1
Benzo[g,h,i]perylene	ND		4.9	0.35	ug/L		06/17/16 15:18	06/19/16 04:21	1
Benzo[k]fluoranthene	ND		4.9	0.72	ug/L		06/17/16 15:18	06/19/16 04:21	1
Bis(2-chloroethoxy)methane	ND		4.9	0.35	ug/L		06/17/16 15:18	06/19/16 04:21	1
Bis(2-chloroethyl)ether	ND		4.9	0.40	ug/L		06/17/16 15:18	06/19/16 04:21	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.2	ug/L		06/17/16 15:18	06/19/16 04:21	1
Butyl benzyl phthalate	ND		4.9	0.99	ug/L		06/17/16 15:18	06/19/16 04:21	1
Carbazole	ND		4.9	0.30	ug/L		06/17/16 15:18	06/19/16 04:21	1
Chrysene	ND		4.9	0.33	ug/L		06/17/16 15:18	06/19/16 04:21	1
Di-n-butyl phthalate	ND		4.9	0.31	ug/L		06/17/16 15:18	06/19/16 04:21	1
Di-n-octyl phthalate	ND		4.9	0.46	ug/L		06/17/16 15:18	06/19/16 04:21	1
Dibenz(a,h)anthracene	ND		4.9	0.42	ug/L		06/17/16 15:18	06/19/16 04:21	1
Dibenzofuran	ND		9.9	0.50	ug/L		06/17/16 15:18	06/19/16 04:21	1
Diethyl phthalate	ND		4.9	0.22	ug/L		06/17/16 15:18	06/19/16 04:21	1
Dimethyl phthalate	ND		4.9	0.36	ug/L		06/17/16 15:18	06/19/16 04:21	1
Fluoranthene	ND		4.9	0.40	ug/L		06/17/16 15:18	06/19/16 04:21	1
Fluorene	ND		4.9	0.36	ug/L		06/17/16 15:18	06/19/16 04:21	1
Hexachlorobenzene	ND		4.9	0.50	ug/L		06/17/16 15:18	06/19/16 04:21	1
Hexachlorobutadiene	ND		4.9	0.67	ug/L		06/17/16 15:18	06/19/16 04:21	1
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L		06/17/16 15:18	06/19/16 04:21	1
Hexachloroethane	ND		4.9	0.58	ug/L		06/17/16 15:18	06/19/16 04:21	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.46	ug/L		06/17/16 15:18	06/19/16 04:21	1
Isophorone	ND		4.9	0.43	ug/L		06/17/16 15:18	06/19/16 04:21	1
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L		06/17/16 15:18	06/19/16 04:21	1
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L		06/17/16 15:18	06/19/16 04:21	1
Naphthalene	ND		4.9	0.75	ug/L		06/17/16 15:18	06/19/16 04:21	1
Nitrobenzene	ND		4.9	0.29	ug/L		06/17/16 15:18	06/19/16 04:21	1
Pentachlorophenol	ND		9.9	2.2	ug/L		06/17/16 15:18	06/19/16 04:21	1
Phenanthrene	ND		4.9	0.43	ug/L		06/17/16 15:18	06/19/16 04:21	1
Phenol	ND		4.9	0.39	ug/L		06/17/16 15:18	06/19/16 04:21	1
Pyrene	ND		4.9	0.34	ug/L		06/17/16 15:18	06/19/16 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 132				06/17/16 15:18	06/19/16 04:21	1
2-Fluorobiphenyl	103		48 - 120				06/17/16 15:18	06/19/16 04:21	1
2-Fluorophenol	79		20 - 120				06/17/16 15:18	06/19/16 04:21	1
Nitrobenzene-d5	106		46 - 120				06/17/16 15:18	06/19/16 04:21	1
p-Terphenyl-d14	96		67 - 150				06/17/16 15:18	06/19/16 04:21	1
Phenol-d5	53		16 - 120				06/17/16 15:18	06/19/16 04:21	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

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		06/17/16 15:40	06/18/16 00:56	1
PCB-1221	ND		0.48	0.17	ug/L		06/17/16 15:40	06/18/16 00:56	1
PCB-1232	ND		0.48	0.17	ug/L		06/17/16 15:40	06/18/16 00:56	1
PCB-1242	ND		0.48	0.17	ug/L		06/17/16 15:40	06/18/16 00:56	1
PCB-1248	ND		0.48	0.17	ug/L		06/17/16 15:40	06/18/16 00:56	1
PCB-1254	ND		0.48	0.24	ug/L		06/17/16 15:40	06/18/16 00:56	1
PCB-1260	ND		0.48	0.24	ug/L		06/17/16 15:40	06/18/16 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		19 - 125				06/17/16 15:40	06/18/16 00:56	1
Tetrachloro-m-xylene	92		24 - 137				06/17/16 15:40	06/18/16 00:56	1

Client Sample ID: MW-7

Lab Sample ID: 480-101785-3

Date Collected: 06/16/16 12:45

Matrix: Water

Date Received: 06/16/16 16:10

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			06/24/16 01:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/16 01:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/16 01:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/16 01:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/16 01:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/16 01:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/16 01:53	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/16 01:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/16 01:53	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/24/16 01:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/16 01:53	1
Acetone	ND		10	3.0	ug/L			06/24/16 01:53	1
Benzene	ND		1.0	0.41	ug/L			06/24/16 01:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/16 01:53	1
Bromoform	ND		1.0	0.26	ug/L			06/24/16 01:53	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/16 01:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/16 01:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/16 01:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/16 01:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/16 01:53	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/16 01:53	1
Chloroform	ND		1.0	0.34	ug/L			06/24/16 01:53	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/16 01:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/16 01:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/16 01:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/16 01:53	1
Styrene	ND		1.0	0.73	ug/L			06/24/16 01:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/16 01:53	1
Toluene	ND		1.0	0.51	ug/L			06/24/16 01:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/16 01:53	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/16 01:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/16 01:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/16 01:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137					06/24/16 01:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-7

Lab Sample ID: 480-101785-3

Date Collected: 06/16/16 12:45

Matrix: Water

Date Received: 06/16/16 16:10

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		71 - 126		06/24/16 01:53	1
4-Bromofluorobenzene (Surr)	97		73 - 120		06/24/16 01:53	1
Dibromofluoromethane (Surr)	103		60 - 140		06/24/16 01:53	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		06/17/16 15:18	06/19/16 04:50	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		06/17/16 15:18	06/19/16 04:50	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/17/16 15:18	06/19/16 04:50	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		06/17/16 15:18	06/19/16 04:50	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/17/16 15:18	06/19/16 04:50	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/17/16 15:18	06/19/16 04:50	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/17/16 15:18	06/19/16 04:50	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		06/17/16 15:18	06/19/16 04:50	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/17/16 15:18	06/19/16 04:50	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/17/16 15:18	06/19/16 04:50	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		06/17/16 15:18	06/19/16 04:50	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/17/16 15:18	06/19/16 04:50	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/17/16 15:18	06/19/16 04:50	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/17/16 15:18	06/19/16 04:50	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/17/16 15:18	06/19/16 04:50	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/17/16 15:18	06/19/16 04:50	1
2-Nitroaniline	ND		10	0.42	ug/L		06/17/16 15:18	06/19/16 04:50	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/17/16 15:18	06/19/16 04:50	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/17/16 15:18	06/19/16 04:50	1
3-Nitroaniline	ND		10	0.48	ug/L		06/17/16 15:18	06/19/16 04:50	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/17/16 15:18	06/19/16 04:50	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/17/16 15:18	06/19/16 04:50	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/17/16 15:18	06/19/16 04:50	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/17/16 15:18	06/19/16 04:50	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/17/16 15:18	06/19/16 04:50	1
4-Methylphenol	ND		10	0.36	ug/L		06/17/16 15:18	06/19/16 04:50	1
4-Nitroaniline	ND		10	0.25	ug/L		06/17/16 15:18	06/19/16 04:50	1
4-Nitrophenol	ND		10	1.5	ug/L		06/17/16 15:18	06/19/16 04:50	1
Acenaphthene	ND		5.0	0.41	ug/L		06/17/16 15:18	06/19/16 04:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/17/16 15:18	06/19/16 04:50	1
Anthracene	ND		5.0	0.28	ug/L		06/17/16 15:18	06/19/16 04:50	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/17/16 15:18	06/19/16 04:50	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/17/16 15:18	06/19/16 04:50	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/17/16 15:18	06/19/16 04:50	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/17/16 15:18	06/19/16 04:50	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/17/16 15:18	06/19/16 04:50	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/17/16 15:18	06/19/16 04:50	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/17/16 15:18	06/19/16 04:50	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/17/16 15:18	06/19/16 04:50	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/17/16 15:18	06/19/16 04:50	1
Carbazole	ND		5.0	0.30	ug/L		06/17/16 15:18	06/19/16 04:50	1
Chrysene	ND		5.0	0.33	ug/L		06/17/16 15:18	06/19/16 04:50	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/17/16 15:18	06/19/16 04:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-7

Lab Sample ID: 480-101785-3

Date Collected: 06/16/16 12:45

Matrix: Water

Date Received: 06/16/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/17/16 15:18	06/19/16 04:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/17/16 15:18	06/19/16 04:50	1
Dibenzofuran	ND		10	0.51	ug/L		06/17/16 15:18	06/19/16 04:50	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/17/16 15:18	06/19/16 04:50	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/17/16 15:18	06/19/16 04:50	1
Fluoranthene	ND		5.0	0.40	ug/L		06/17/16 15:18	06/19/16 04:50	1
Fluorene	ND		5.0	0.36	ug/L		06/17/16 15:18	06/19/16 04:50	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/17/16 15:18	06/19/16 04:50	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/17/16 15:18	06/19/16 04:50	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/17/16 15:18	06/19/16 04:50	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/17/16 15:18	06/19/16 04:50	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/17/16 15:18	06/19/16 04:50	1
Isophorone	ND		5.0	0.43	ug/L		06/17/16 15:18	06/19/16 04:50	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/17/16 15:18	06/19/16 04:50	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/17/16 15:18	06/19/16 04:50	1
Naphthalene	ND		5.0	0.76	ug/L		06/17/16 15:18	06/19/16 04:50	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/17/16 15:18	06/19/16 04:50	1
Pentachlorophenol	ND		10	2.2	ug/L		06/17/16 15:18	06/19/16 04:50	1
Phenanthrene	ND		5.0	0.44	ug/L		06/17/16 15:18	06/19/16 04:50	1
Phenol	ND		5.0	0.39	ug/L		06/17/16 15:18	06/19/16 04:50	1
Pyrene	ND		5.0	0.34	ug/L		06/17/16 15:18	06/19/16 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	06/17/16 15:18	06/19/16 04:50	1
2-Fluorobiphenyl	96		48 - 120	06/17/16 15:18	06/19/16 04:50	1
2-Fluorophenol	72		20 - 120	06/17/16 15:18	06/19/16 04:50	1
Nitrobenzene-d5	96		46 - 120	06/17/16 15:18	06/19/16 04:50	1
p-Terphenyl-d14	86		67 - 150	06/17/16 15:18	06/19/16 04:50	1
Phenol-d5	51		16 - 120	06/17/16 15:18	06/19/16 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.53	0.19	ug/L		06/17/16 15:40	06/18/16 01:14	1
PCB-1221	ND		0.53	0.19	ug/L		06/17/16 15:40	06/18/16 01:14	1
PCB-1232	ND		0.53	0.19	ug/L		06/17/16 15:40	06/18/16 01:14	1
PCB-1242	ND		0.53	0.19	ug/L		06/17/16 15:40	06/18/16 01:14	1
PCB-1248	ND		0.53	0.19	ug/L		06/17/16 15:40	06/18/16 01:14	1
PCB-1254	ND		0.53	0.27	ug/L		06/17/16 15:40	06/18/16 01:14	1
PCB-1260	ND		0.53	0.27	ug/L		06/17/16 15:40	06/18/16 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		19 - 125	06/17/16 15:40	06/18/16 01:14	1
Tetrachloro-m-xylene	77		24 - 137	06/17/16 15:40	06/18/16 01:14	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-5

Lab Sample ID: 480-101785-4

Date Collected: 06/16/16 13:45

Matrix: Water

Date Received: 06/16/16 16:10

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			06/24/16 02:16	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/16 02:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/16 02:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/16 02:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/16 02:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/16 02:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/16 02:16	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/16 02:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/16 02:16	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/24/16 02:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/16 02:16	1
Acetone	8.3	J	10	3.0	ug/L			06/24/16 02:16	1
Benzene	11		1.0	0.41	ug/L			06/24/16 02:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/16 02:16	1
Bromoform	ND		1.0	0.26	ug/L			06/24/16 02:16	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/16 02:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/16 02:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/16 02:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/16 02:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/16 02:16	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/16 02:16	1
Chloroform	ND		1.0	0.34	ug/L			06/24/16 02:16	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/16 02:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/16 02:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/16 02:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/16 02:16	1
Styrene	ND		1.0	0.73	ug/L			06/24/16 02:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/16 02:16	1
Toluene	ND		1.0	0.51	ug/L			06/24/16 02:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/16 02:16	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/16 02:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/16 02:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/16 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		06/24/16 02:16	1
Toluene-d8 (Surr)	93		71 - 126		06/24/16 02:16	1
4-Bromofluorobenzene (Surr)	98		73 - 120		06/24/16 02:16	1
Dibromofluoromethane (Surr)	100		60 - 140		06/24/16 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.8	0.61	ug/L		06/17/16 15:18	06/19/16 05:18	1
1,2,4-Trichlorobenzene	ND		12	0.51	ug/L		06/17/16 15:18	06/19/16 05:18	1
2,4,5-Trichlorophenol	ND		5.8	0.56	ug/L		06/17/16 15:18	06/19/16 05:18	1
1,2-Dichlorobenzene	ND		12	0.47	ug/L		06/17/16 15:18	06/19/16 05:18	1
2,4,6-Trichlorophenol	ND		5.8	0.71	ug/L		06/17/16 15:18	06/19/16 05:18	1
2,4-Dichlorophenol	ND		5.8	0.60	ug/L		06/17/16 15:18	06/19/16 05:18	1
2,4-Dimethylphenol	ND		5.8	0.58	ug/L		06/17/16 15:18	06/19/16 05:18	1
1,3-Dichlorobenzene	ND		12	0.56	ug/L		06/17/16 15:18	06/19/16 05:18	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-5

Lab Sample ID: 480-101785-4

Date Collected: 06/16/16 13:45

Matrix: Water

Date Received: 06/16/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		12	2.6	ug/L		06/17/16 15:18	06/19/16 05:18	1
2,4-Dinitrotoluene	ND		5.8	0.52	ug/L		06/17/16 15:18	06/19/16 05:18	1
1,4-Dichlorobenzene	ND		12	0.54	ug/L		06/17/16 15:18	06/19/16 05:18	1
2,6-Dinitrotoluene	ND		5.8	0.47	ug/L		06/17/16 15:18	06/19/16 05:18	1
2-Chloronaphthalene	ND		5.8	0.54	ug/L		06/17/16 15:18	06/19/16 05:18	1
2-Chlorophenol	ND		5.8	0.62	ug/L		06/17/16 15:18	06/19/16 05:18	1
2-Methylnaphthalene	ND		5.8	0.70	ug/L		06/17/16 15:18	06/19/16 05:18	1
2-Methylphenol	ND		5.8	0.47	ug/L		06/17/16 15:18	06/19/16 05:18	1
2-Nitroaniline	ND		12	0.49	ug/L		06/17/16 15:18	06/19/16 05:18	1
2-Nitrophenol	ND		5.8	0.56	ug/L		06/17/16 15:18	06/19/16 05:18	1
3,3'-Dichlorobenzidine	ND		5.8	0.47	ug/L		06/17/16 15:18	06/19/16 05:18	1
3-Nitroaniline	ND		12	0.56	ug/L		06/17/16 15:18	06/19/16 05:18	1
4,6-Dinitro-2-methylphenol	ND		12	2.6	ug/L		06/17/16 15:18	06/19/16 05:18	1
4-Bromophenyl phenyl ether	ND		5.8	0.53	ug/L		06/17/16 15:18	06/19/16 05:18	1
4-Chloro-3-methylphenol	ND		5.8	0.53	ug/L		06/17/16 15:18	06/19/16 05:18	1
4-Chloroaniline	ND		5.8	0.69	ug/L		06/17/16 15:18	06/19/16 05:18	1
4-Chlorophenyl phenyl ether	ND		5.8	0.41	ug/L		06/17/16 15:18	06/19/16 05:18	1
4-Methylphenol	ND		12	0.42	ug/L		06/17/16 15:18	06/19/16 05:18	1
4-Nitroaniline	ND		12	0.29	ug/L		06/17/16 15:18	06/19/16 05:18	1
4-Nitrophenol	ND		12	1.8	ug/L		06/17/16 15:18	06/19/16 05:18	1
Acenaphthene	ND		5.8	0.48	ug/L		06/17/16 15:18	06/19/16 05:18	1
Acenaphthylene	ND		5.8	0.44	ug/L		06/17/16 15:18	06/19/16 05:18	1
Anthracene	ND		5.8	0.33	ug/L		06/17/16 15:18	06/19/16 05:18	1
Benzo[a]anthracene	ND		5.8	0.42	ug/L		06/17/16 15:18	06/19/16 05:18	1
Benzo[a]pyrene	ND		5.8	0.55	ug/L		06/17/16 15:18	06/19/16 05:18	1
Benzo[b]fluoranthene	ND		5.8	0.40	ug/L		06/17/16 15:18	06/19/16 05:18	1
Benzo[g,h,i]perylene	ND		5.8	0.41	ug/L		06/17/16 15:18	06/19/16 05:18	1
Benzo[k]fluoranthene	ND		5.8	0.85	ug/L		06/17/16 15:18	06/19/16 05:18	1
Bis(2-chloroethoxy)methane	ND		5.8	0.41	ug/L		06/17/16 15:18	06/19/16 05:18	1
Bis(2-chloroethyl)ether	ND		5.8	0.47	ug/L		06/17/16 15:18	06/19/16 05:18	1
Bis(2-ethylhexyl) phthalate	ND		5.8	2.6	ug/L		06/17/16 15:18	06/19/16 05:18	1
Butyl benzyl phthalate	ND		5.8	1.2	ug/L		06/17/16 15:18	06/19/16 05:18	1
Carbazole	ND		5.8	0.35	ug/L		06/17/16 15:18	06/19/16 05:18	1
Chrysene	ND		5.8	0.39	ug/L		06/17/16 15:18	06/19/16 05:18	1
Di-n-butyl phthalate	ND		5.8	0.36	ug/L		06/17/16 15:18	06/19/16 05:18	1
Di-n-octyl phthalate	ND		5.8	0.55	ug/L		06/17/16 15:18	06/19/16 05:18	1
Dibenz(a,h)anthracene	ND		5.8	0.49	ug/L		06/17/16 15:18	06/19/16 05:18	1
Dibenzofuran	ND		12	0.60	ug/L		06/17/16 15:18	06/19/16 05:18	1
Diethyl phthalate	ND		5.8	0.26	ug/L		06/17/16 15:18	06/19/16 05:18	1
Dimethyl phthalate	ND		5.8	0.42	ug/L		06/17/16 15:18	06/19/16 05:18	1
Fluoranthene	ND		5.8	0.47	ug/L		06/17/16 15:18	06/19/16 05:18	1
Fluorene	ND		5.8	0.42	ug/L		06/17/16 15:18	06/19/16 05:18	1
Hexachlorobenzene	ND		5.8	0.60	ug/L		06/17/16 15:18	06/19/16 05:18	1
Hexachlorobutadiene	ND		5.8	0.79	ug/L		06/17/16 15:18	06/19/16 05:18	1
Hexachlorocyclopentadiene	ND		5.8	0.69	ug/L		06/17/16 15:18	06/19/16 05:18	1
Hexachloroethane	ND		5.8	0.69	ug/L		06/17/16 15:18	06/19/16 05:18	1
Indeno[1,2,3-cd]pyrene	ND		5.8	0.55	ug/L		06/17/16 15:18	06/19/16 05:18	1
Isophorone	ND		5.8	0.50	ug/L		06/17/16 15:18	06/19/16 05:18	1
N-Nitrosodi-n-propylamine	ND		5.8	0.63	ug/L		06/17/16 15:18	06/19/16 05:18	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-5

Lab Sample ID: 480-101785-4

Date Collected: 06/16/16 13:45

Matrix: Water

Date Received: 06/16/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.8	0.60	ug/L		06/17/16 15:18	06/19/16 05:18	1
Naphthalene	ND		5.8	0.89	ug/L		06/17/16 15:18	06/19/16 05:18	1
Nitrobenzene	ND		5.8	0.34	ug/L		06/17/16 15:18	06/19/16 05:18	1
Pentachlorophenol	ND		12	2.6	ug/L		06/17/16 15:18	06/19/16 05:18	1
Phenanthrene	ND		5.8	0.51	ug/L		06/17/16 15:18	06/19/16 05:18	1
Phenol	ND		5.8	0.46	ug/L		06/17/16 15:18	06/19/16 05:18	1
Pyrene	ND		5.8	0.40	ug/L		06/17/16 15:18	06/19/16 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		52 - 132	06/17/16 15:18	06/19/16 05:18	1
2-Fluorobiphenyl	94		48 - 120	06/17/16 15:18	06/19/16 05:18	1
2-Fluorophenol	82		20 - 120	06/17/16 15:18	06/19/16 05:18	1
Nitrobenzene-d5	97		46 - 120	06/17/16 15:18	06/19/16 05:18	1
p-Terphenyl-d14	98		67 - 150	06/17/16 15:18	06/19/16 05:18	1
Phenol-d5	59		16 - 120	06/17/16 15:18	06/19/16 05:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.58	0.21	ug/L		06/17/16 15:40	06/18/16 01:33	1
PCB-1221	ND		0.58	0.21	ug/L		06/17/16 15:40	06/18/16 01:33	1
PCB-1232	ND		0.58	0.21	ug/L		06/17/16 15:40	06/18/16 01:33	1
PCB-1242	ND		0.58	0.21	ug/L		06/17/16 15:40	06/18/16 01:33	1
PCB-1248	ND		0.58	0.21	ug/L		06/17/16 15:40	06/18/16 01:33	1
PCB-1254	ND		0.58	0.29	ug/L		06/17/16 15:40	06/18/16 01:33	1
PCB-1260	ND		0.58	0.29	ug/L		06/17/16 15:40	06/18/16 01:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		19 - 125	06/17/16 15:40	06/18/16 01:33	1
Tetrachloro-m-xylene	94		24 - 137	06/17/16 15:40	06/18/16 01:33	1

Client Sample ID: MW-4

Lab Sample ID: 480-101785-5

Date Collected: 06/16/16 15:00

Matrix: Water

Date Received: 06/16/16 16:10

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			06/24/16 02:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/16 02:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/16 02:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/16 02:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/16 02:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/16 02:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/16 02:39	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/16 02:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/16 02:39	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/24/16 02:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/16 02:39	1
Acetone	ND		10	3.0	ug/L			06/24/16 02:39	1
Benzene	ND		1.0	0.41	ug/L			06/24/16 02:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/16 02:39	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-4

Lab Sample ID: 480-101785-5

Date Collected: 06/16/16 15:00

Matrix: Water

Date Received: 06/16/16 16:10

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			06/24/16 02:39	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/16 02:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/16 02:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/16 02:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/16 02:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/16 02:39	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/16 02:39	1
Chloroform	ND		1.0	0.34	ug/L			06/24/16 02:39	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/16 02:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/16 02:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/16 02:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/16 02:39	1
Styrene	ND		1.0	0.73	ug/L			06/24/16 02:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/16 02:39	1
Toluene	ND		1.0	0.51	ug/L			06/24/16 02:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/16 02:39	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/16 02:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/16 02:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/16 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		06/24/16 02:39	1
Toluene-d8 (Surr)	94		71 - 126		06/24/16 02:39	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/24/16 02:39	1
Dibromofluoromethane (Surr)	106		60 - 140		06/24/16 02:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.9	0.62	ug/L		06/17/16 15:18	06/19/16 05:46	1
1,2,4-Trichlorobenzene	ND		12	0.52	ug/L		06/17/16 15:18	06/19/16 05:46	1
2,4,5-Trichlorophenol	ND		5.9	0.57	ug/L		06/17/16 15:18	06/19/16 05:46	1
1,2-Dichlorobenzene	ND		12	0.47	ug/L		06/17/16 15:18	06/19/16 05:46	1
2,4,6-Trichlorophenol	ND		5.9	0.72	ug/L		06/17/16 15:18	06/19/16 05:46	1
2,4-Dichlorophenol	ND		5.9	0.60	ug/L		06/17/16 15:18	06/19/16 05:46	1
2,4-Dimethylphenol	ND		5.9	0.59	ug/L		06/17/16 15:18	06/19/16 05:46	1
1,3-Dichlorobenzene	ND		12	0.57	ug/L		06/17/16 15:18	06/19/16 05:46	1
2,4-Dinitrophenol	ND		12	2.6	ug/L		06/17/16 15:18	06/19/16 05:46	1
2,4-Dinitrotoluene	ND		5.9	0.53	ug/L		06/17/16 15:18	06/19/16 05:46	1
1,4-Dichlorobenzene	ND		12	0.55	ug/L		06/17/16 15:18	06/19/16 05:46	1
2,6-Dinitrotoluene	ND		5.9	0.47	ug/L		06/17/16 15:18	06/19/16 05:46	1
2-Chloronaphthalene	ND		5.9	0.55	ug/L		06/17/16 15:18	06/19/16 05:46	1
2-Chlorophenol	ND		5.9	0.63	ug/L		06/17/16 15:18	06/19/16 05:46	1
2-Methylnaphthalene	ND		5.9	0.71	ug/L		06/17/16 15:18	06/19/16 05:46	1
2-Methylphenol	ND		5.9	0.47	ug/L		06/17/16 15:18	06/19/16 05:46	1
2-Nitroaniline	ND		12	0.50	ug/L		06/17/16 15:18	06/19/16 05:46	1
2-Nitrophenol	ND		5.9	0.57	ug/L		06/17/16 15:18	06/19/16 05:46	1
3,3'-Dichlorobenzidine	ND		5.9	0.47	ug/L		06/17/16 15:18	06/19/16 05:46	1
3-Nitroaniline	ND		12	0.57	ug/L		06/17/16 15:18	06/19/16 05:46	1
4,6-Dinitro-2-methylphenol	ND		12	2.6	ug/L		06/17/16 15:18	06/19/16 05:46	1
4-Bromophenyl phenyl ether	ND		5.9	0.53	ug/L		06/17/16 15:18	06/19/16 05:46	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-4

Lab Sample ID: 480-101785-5

Date Collected: 06/16/16 15:00

Matrix: Water

Date Received: 06/16/16 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		5.9	0.53	ug/L		06/17/16 15:18	06/19/16 05:46	1
4-Chloroaniline	ND		5.9	0.70	ug/L		06/17/16 15:18	06/19/16 05:46	1
4-Chlorophenyl phenyl ether	ND		5.9	0.41	ug/L		06/17/16 15:18	06/19/16 05:46	1
4-Methylphenol	ND		12	0.43	ug/L		06/17/16 15:18	06/19/16 05:46	1
4-Nitroaniline	ND		12	0.30	ug/L		06/17/16 15:18	06/19/16 05:46	1
4-Nitrophenol	ND		12	1.8	ug/L		06/17/16 15:18	06/19/16 05:46	1
Acenaphthene	ND		5.9	0.49	ug/L		06/17/16 15:18	06/19/16 05:46	1
Acenaphthylene	ND		5.9	0.45	ug/L		06/17/16 15:18	06/19/16 05:46	1
Anthracene	ND		5.9	0.33	ug/L		06/17/16 15:18	06/19/16 05:46	1
Benzo[a]anthracene	ND		5.9	0.43	ug/L		06/17/16 15:18	06/19/16 05:46	1
Benzo[a]pyrene	ND		5.9	0.56	ug/L		06/17/16 15:18	06/19/16 05:46	1
Benzo[b]fluoranthene	ND		5.9	0.40	ug/L		06/17/16 15:18	06/19/16 05:46	1
Benzo[g,h,i]perylene	ND		5.9	0.41	ug/L		06/17/16 15:18	06/19/16 05:46	1
Benzo[k]fluoranthene	ND		5.9	0.87	ug/L		06/17/16 15:18	06/19/16 05:46	1
Bis(2-chloroethoxy)methane	ND		5.9	0.41	ug/L		06/17/16 15:18	06/19/16 05:46	1
Bis(2-chloroethyl)ether	ND		5.9	0.47	ug/L		06/17/16 15:18	06/19/16 05:46	1
Bis(2-ethylhexyl) phthalate	ND		5.9	2.6	ug/L		06/17/16 15:18	06/19/16 05:46	1
Butyl benzyl phthalate	ND		5.9	1.2	ug/L		06/17/16 15:18	06/19/16 05:46	1
Carbazole	ND		5.9	0.36	ug/L		06/17/16 15:18	06/19/16 05:46	1
Chrysene	ND		5.9	0.39	ug/L		06/17/16 15:18	06/19/16 05:46	1
Di-n-butyl phthalate	ND		5.9	0.37	ug/L		06/17/16 15:18	06/19/16 05:46	1
Di-n-octyl phthalate	ND		5.9	0.56	ug/L		06/17/16 15:18	06/19/16 05:46	1
Dibenz(a,h)anthracene	ND		5.9	0.50	ug/L		06/17/16 15:18	06/19/16 05:46	1
Dibenzofuran	ND		12	0.60	ug/L		06/17/16 15:18	06/19/16 05:46	1
Diethyl phthalate	ND		5.9	0.26	ug/L		06/17/16 15:18	06/19/16 05:46	1
Dimethyl phthalate	ND		5.9	0.43	ug/L		06/17/16 15:18	06/19/16 05:46	1
Fluoranthene	ND		5.9	0.47	ug/L		06/17/16 15:18	06/19/16 05:46	1
Fluorene	ND		5.9	0.43	ug/L		06/17/16 15:18	06/19/16 05:46	1
Hexachlorobenzene	ND		5.9	0.60	ug/L		06/17/16 15:18	06/19/16 05:46	1
Hexachlorobutadiene	ND		5.9	0.81	ug/L		06/17/16 15:18	06/19/16 05:46	1
Hexachlorocyclopentadiene	ND		5.9	0.70	ug/L		06/17/16 15:18	06/19/16 05:46	1
Hexachloroethane	ND		5.9	0.70	ug/L		06/17/16 15:18	06/19/16 05:46	1
Indeno[1,2,3-cd]pyrene	ND		5.9	0.56	ug/L		06/17/16 15:18	06/19/16 05:46	1
Isophorone	ND		5.9	0.51	ug/L		06/17/16 15:18	06/19/16 05:46	1
N-Nitrosodi-n-propylamine	ND		5.9	0.64	ug/L		06/17/16 15:18	06/19/16 05:46	1
N-Nitrosodiphenylamine	ND		5.9	0.60	ug/L		06/17/16 15:18	06/19/16 05:46	1
Naphthalene	ND		5.9	0.90	ug/L		06/17/16 15:18	06/19/16 05:46	1
Nitrobenzene	ND		5.9	0.34	ug/L		06/17/16 15:18	06/19/16 05:46	1
Pentachlorophenol	ND		12	2.6	ug/L		06/17/16 15:18	06/19/16 05:46	1
Phenanthrene	ND		5.9	0.52	ug/L		06/17/16 15:18	06/19/16 05:46	1
Phenol	ND		5.9	0.46	ug/L		06/17/16 15:18	06/19/16 05:46	1
Pyrene	ND		5.9	0.40	ug/L		06/17/16 15:18	06/19/16 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		52 - 132				06/17/16 15:18	06/19/16 05:46	1
2-Fluorobiphenyl	97		48 - 120				06/17/16 15:18	06/19/16 05:46	1
2-Fluorophenol	51		20 - 120				06/17/16 15:18	06/19/16 05:46	1
Nitrobenzene-d5	95		46 - 120				06/17/16 15:18	06/19/16 05:46	1
p-Terphenyl-d14	87		67 - 150				06/17/16 15:18	06/19/16 05:46	1
Phenol-d5	36		16 - 120				06/17/16 15:18	06/19/16 05:46	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101785-1

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		06/17/16 15:40	06/18/16 01:52	1
PCB-1221	ND		0.54	0.19	ug/L		06/17/16 15:40	06/18/16 01:52	1
PCB-1232	ND		0.54	0.19	ug/L		06/17/16 15:40	06/18/16 01:52	1
PCB-1242	ND		0.54	0.19	ug/L		06/17/16 15:40	06/18/16 01:52	1
PCB-1248	ND		0.54	0.19	ug/L		06/17/16 15:40	06/18/16 01:52	1
PCB-1254	ND		0.54	0.27	ug/L		06/17/16 15:40	06/18/16 01:52	1
PCB-1260	ND		0.54	0.27	ug/L		06/17/16 15:40	06/18/16 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		19 - 125				06/17/16 15:40	06/18/16 01:52	1
Tetrachloro-m-xylene	92		24 - 137				06/17/16 15:40	06/18/16 01:52	1

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Surrogate Summary

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

TestAmerica Job ID: 480-101785-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	TOL (71-126)	BFB (73-120)	DBFM (60-140)
480-101785-1	MW-6	99	91	95	99
480-101785-2	MW-3	104	93	103	104
480-101785-3	MW-7	103	93	97	103
480-101785-4	MW-5	102	93	98	100
480-101785-5	MW-4	105	94	99	106
LCS 480-308233/7	Lab Control Sample	99	97	102	105
LCS 480-308305/5	Lab Control Sample	107	95	102	109
MB 480-308233/9	Method Blank	100	94	98	102
MB 480-308305/7	Method Blank	103	93	105	105

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
480-101785-1	MW-6	96	93	76	97	89	54
480-101785-2	MW-3	101	103	79	106	96	53
480-101785-3	MW-7	88	96	72	96	86	51
480-101785-4	MW-5	99	94	82	97	98	59
480-101785-5	MW-4	78	97	51	95	87	36
LCS 480-307271/2-A	Lab Control Sample	103	87	62	82	106	49
MB 480-307271/1-A	Method Blank	88	96	72	100	121	53

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

TPH = p-Terphenyl-d14

PHL = Phenol-d5

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (19-125)	TCX1 (24-137)
480-101785-1	MW-6	51	78
480-101785-2	MW-3	63	92
480-101785-3	MW-7	52	77
480-101785-4	MW-5	59	94
480-101785-5	MW-4	55	92
LCS 480-307286/2-A	Lab Control Sample	55	93

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-101785-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (19-125)	TCX1 (24-137)
LCSD 480-307286/3-A	Lab Control Sample Dup	52	90
MB 480-307286/1-A	Method Blank	64	96

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene



QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: MB 480-308233/9

Matrix: Water

Analysis Batch: 308233

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			06/23/16 21:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/23/16 21:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/23/16 21:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/23/16 21:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/23/16 21:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/23/16 21:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/23/16 21:44	1
2-Hexanone	ND		5.0	1.2	ug/L			06/23/16 21:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/16 21:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/23/16 21:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/23/16 21:44	1
Acetone	ND		10	3.0	ug/L			06/23/16 21:44	1
Benzene	ND		1.0	0.41	ug/L			06/23/16 21:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/23/16 21:44	1
Bromoform	ND		1.0	0.26	ug/L			06/23/16 21:44	1
Bromomethane	ND		1.0	0.69	ug/L			06/23/16 21:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/23/16 21:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/23/16 21:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/23/16 21:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/23/16 21:44	1
Chloroethane	ND		1.0	0.32	ug/L			06/23/16 21:44	1
Chloroform	ND		1.0	0.34	ug/L			06/23/16 21:44	1
Chloromethane	ND		1.0	0.35	ug/L			06/23/16 21:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/23/16 21:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/23/16 21:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/23/16 21:44	1
Styrene	ND		1.0	0.73	ug/L			06/23/16 21:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/23/16 21:44	1
Toluene	ND		1.0	0.51	ug/L			06/23/16 21:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/23/16 21:44	1
Trichloroethene	ND		1.0	0.46	ug/L			06/23/16 21:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/23/16 21:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/23/16 21:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		06/23/16 21:44	1
Toluene-d8 (Surr)	94		71 - 126		06/23/16 21:44	1
4-Bromofluorobenzene (Surr)	98		73 - 120		06/23/16 21:44	1
Dibromofluoromethane (Surr)	102		60 - 140		06/23/16 21:44	1

Lab Sample ID: LCS 480-308233/7

Matrix: Water

Analysis Batch: 308233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.7		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.6		ug/L		91	70 - 126
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: LCS 480-308233/7

Matrix: Water

Analysis Batch: 308233

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	24.5		ug/L		98	71 - 129
1,1-Dichloroethene	25.0	23.9		ug/L		96	58 - 121
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120
2-Hexanone	125	110		ug/L		88	65 - 127
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		90	71 - 125
Acetone	125	129		ug/L		103	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	25.0	24.9		ug/L		100	80 - 122
Bromoform	25.0	22.7		ug/L		91	52 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	22.9		ug/L		92	59 - 134
Carbon tetrachloride	25.0	27.3		ug/L		109	72 - 134
Chlorobenzene	25.0	24.8		ug/L		99	72 - 120
Dibromochloromethane	25.0	24.0		ug/L		96	75 - 125
Chloroethane	25.0	23.4		ug/L		94	69 - 136
Chloroform	25.0	24.4		ug/L		97	73 - 127
Chloromethane	25.0	21.9		ug/L		88	68 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
Methylene Chloride	25.0	25.8		ug/L		103	57 - 132
Styrene	25.0	24.8		ug/L		99	70 - 130
Tetrachloroethene	25.0	25.9		ug/L		103	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,3-Dichloropropene	25.0	24.6		ug/L		99	72 - 123
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Vinyl chloride	25.0	24.6		ug/L		98	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	105		60 - 140

Lab Sample ID: MB 480-308305/7

Matrix: Water

Analysis Batch: 308305

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			06/24/16 10:44	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/16 10:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/16 10:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/16 10:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/16 10:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/16 10:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/16 10:44	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/16 10:44	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: MB 480-308305/7

Matrix: Water

Analysis Batch: 308305

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/16 10:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/24/16 10:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/16 10:44	1
Acetone	ND		10	3.0	ug/L			06/24/16 10:44	1
Benzene	ND		1.0	0.41	ug/L			06/24/16 10:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/16 10:44	1
Bromoform	ND		1.0	0.26	ug/L			06/24/16 10:44	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/16 10:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/16 10:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/16 10:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/16 10:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/16 10:44	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/16 10:44	1
Chloroform	ND		1.0	0.34	ug/L			06/24/16 10:44	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/16 10:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/16 10:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/16 10:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/16 10:44	1
Styrene	ND		1.0	0.73	ug/L			06/24/16 10:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/16 10:44	1
Toluene	ND		1.0	0.51	ug/L			06/24/16 10:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/16 10:44	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/16 10:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/16 10:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/16 10:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		06/24/16 10:44	1
Toluene-d8 (Surr)	93		71 - 126		06/24/16 10:44	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/24/16 10:44	1
Dibromofluoromethane (Surr)	105		60 - 140		06/24/16 10:44	1

Lab Sample ID: LCS 480-308305/5

Matrix: Water

Analysis Batch: 308305

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,1,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 126
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	25.7		ug/L		103	71 - 129
1,1-Dichloroethene	25.0	24.3		ug/L		97	58 - 121
1,2-Dichloroethane	25.0	26.8		ug/L		107	75 - 127
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120
2-Hexanone	125	107		ug/L		86	65 - 127
2-Butanone (MEK)	125	111		ug/L		89	57 - 140
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	71 - 125
Acetone	125	129		ug/L		103	56 - 142

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: LCS 480-308305/5

Matrix: Water

Analysis Batch: 308305

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	26.2		ug/L		105	71 - 124
Bromodichloromethane	25.0	27.2		ug/L		109	80 - 122
Bromoform	25.0	25.0		ug/L		100	52 - 132
Bromomethane	25.0	27.1		ug/L		108	55 - 144
Carbon disulfide	25.0	23.9		ug/L		96	59 - 134
Carbon tetrachloride	25.0	27.7		ug/L		111	72 - 134
Chlorobenzene	25.0	24.6		ug/L		98	72 - 120
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Chloroethane	25.0	26.9		ug/L		107	69 - 136
Chloroform	25.0	25.9		ug/L		104	73 - 127
Chloromethane	25.0	26.2		ug/L		105	68 - 124
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	74 - 124
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
Methylene Chloride	25.0	26.8		ug/L		107	57 - 132
Styrene	25.0	24.9		ug/L		100	70 - 130
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	24.4		ug/L		97	80 - 122
trans-1,3-Dichloropropene	25.0	25.5		ug/L		102	72 - 123
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Vinyl chloride	25.0	28.8		ug/L		115	65 - 133

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
Toluene-d8 (Surr)	95		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	109		60 - 140

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

Lab Sample ID: MB 480-307271/1-A

Matrix: Water

Analysis Batch: 307365

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307271

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/17/16 15:18	06/18/16 16:32	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		06/17/16 15:18	06/18/16 16:32	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/17/16 15:18	06/18/16 16:32	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		06/17/16 15:18	06/18/16 16:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/17/16 15:18	06/18/16 16:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/17/16 15:18	06/18/16 16:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/17/16 15:18	06/18/16 16:32	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		06/17/16 15:18	06/18/16 16:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/17/16 15:18	06/18/16 16:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/17/16 15:18	06/18/16 16:32	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		06/17/16 15:18	06/18/16 16:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/17/16 15:18	06/18/16 16:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/17/16 15:18	06/18/16 16:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/17/16 15:18	06/18/16 16:32	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: MB 480-307271/1-A

Matrix: Water

Analysis Batch: 307365

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307271

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/17/16 15:18	06/18/16 16:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/17/16 15:18	06/18/16 16:32	1
2-Nitroaniline	ND		10	0.42	ug/L		06/17/16 15:18	06/18/16 16:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/17/16 15:18	06/18/16 16:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/17/16 15:18	06/18/16 16:32	1
3-Nitroaniline	ND		10	0.48	ug/L		06/17/16 15:18	06/18/16 16:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/17/16 15:18	06/18/16 16:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/17/16 15:18	06/18/16 16:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/17/16 15:18	06/18/16 16:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/17/16 15:18	06/18/16 16:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/17/16 15:18	06/18/16 16:32	1
4-Methylphenol	ND		10	0.36	ug/L		06/17/16 15:18	06/18/16 16:32	1
4-Nitroaniline	ND		10	0.25	ug/L		06/17/16 15:18	06/18/16 16:32	1
4-Nitrophenol	ND		10	1.5	ug/L		06/17/16 15:18	06/18/16 16:32	1
Acenaphthene	ND		5.0	0.41	ug/L		06/17/16 15:18	06/18/16 16:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/17/16 15:18	06/18/16 16:32	1
Anthracene	ND		5.0	0.28	ug/L		06/17/16 15:18	06/18/16 16:32	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/17/16 15:18	06/18/16 16:32	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/17/16 15:18	06/18/16 16:32	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/17/16 15:18	06/18/16 16:32	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/17/16 15:18	06/18/16 16:32	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/17/16 15:18	06/18/16 16:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/17/16 15:18	06/18/16 16:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/17/16 15:18	06/18/16 16:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/17/16 15:18	06/18/16 16:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/17/16 15:18	06/18/16 16:32	1
Carbazole	ND		5.0	0.30	ug/L		06/17/16 15:18	06/18/16 16:32	1
Chrysene	ND		5.0	0.33	ug/L		06/17/16 15:18	06/18/16 16:32	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/17/16 15:18	06/18/16 16:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/17/16 15:18	06/18/16 16:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/17/16 15:18	06/18/16 16:32	1
Dibenzofuran	ND		10	0.51	ug/L		06/17/16 15:18	06/18/16 16:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/17/16 15:18	06/18/16 16:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/17/16 15:18	06/18/16 16:32	1
Fluoranthene	ND		5.0	0.40	ug/L		06/17/16 15:18	06/18/16 16:32	1
Fluorene	ND		5.0	0.36	ug/L		06/17/16 15:18	06/18/16 16:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/17/16 15:18	06/18/16 16:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/17/16 15:18	06/18/16 16:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/17/16 15:18	06/18/16 16:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/17/16 15:18	06/18/16 16:32	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/17/16 15:18	06/18/16 16:32	1
Isophorone	ND		5.0	0.43	ug/L		06/17/16 15:18	06/18/16 16:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/17/16 15:18	06/18/16 16:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/17/16 15:18	06/18/16 16:32	1
Naphthalene	ND		5.0	0.76	ug/L		06/17/16 15:18	06/18/16 16:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/17/16 15:18	06/18/16 16:32	1
Pentachlorophenol	ND		10	2.2	ug/L		06/17/16 15:18	06/18/16 16:32	1
Phenanthrene	ND		5.0	0.44	ug/L		06/17/16 15:18	06/18/16 16:32	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: MB 480-307271/1-A

Matrix: Water

Analysis Batch: 307365

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		06/17/16 15:18	06/18/16 16:32	1
Pyrene	ND		5.0	0.34	ug/L		06/17/16 15:18	06/18/16 16:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	06/17/16 15:18	06/18/16 16:32	1
2-Fluorobiphenyl	96		48 - 120	06/17/16 15:18	06/18/16 16:32	1
2-Fluorophenol	72		20 - 120	06/17/16 15:18	06/18/16 16:32	1
Nitrobenzene-d5	100		46 - 120	06/17/16 15:18	06/18/16 16:32	1
p-Terphenyl-d14	121		67 - 150	06/17/16 15:18	06/18/16 16:32	1
Phenol-d5	53		16 - 120	06/17/16 15:18	06/18/16 16:32	1

Lab Sample ID: LCS 480-307271/2-A

Matrix: Water

Analysis Batch: 307365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	16.0	11.7		ug/L		73	28 - 136
1,2,4-Trichlorobenzene	16.0	11.7		ug/L		73	40 - 120
2,4,5-Trichlorophenol	16.0	16.0		ug/L		100	65 - 126
1,2-Dichlorobenzene	16.0	10.4		ug/L		65	33 - 120
2,4,6-Trichlorophenol	16.0	15.4		ug/L		96	64 - 120
2,4-Dichlorophenol	16.0	13.3		ug/L		83	64 - 120
2,4-Dimethylphenol	16.0	12.5		ug/L		78	57 - 120
1,3-Dichlorobenzene	16.0	10.2		ug/L		64	28 - 120
2,4-Dinitrophenol	32.0	24.0		ug/L		75	42 - 153
2,4-Dinitrotoluene	16.0	16.5		ug/L		103	65 - 154
1,4-Dichlorobenzene	16.0	10.1		ug/L		63	32 - 120
2,6-Dinitrotoluene	16.0	15.1		ug/L		94	74 - 134
2-Chloronaphthalene	16.0	13.4		ug/L		84	41 - 124
2-Chlorophenol	16.0	11.5		ug/L		72	48 - 120
2-Methylnaphthalene	16.0	13.4		ug/L		84	34 - 122
2-Methylphenol	16.0	11.6		ug/L		73	39 - 120
2-Nitroaniline	16.0	15.0		ug/L		94	67 - 136
2-Nitrophenol	16.0	13.4		ug/L		84	59 - 120
3,3'-Dichlorobenzidine	32.0	34.3		ug/L		107	33 - 140
3-Nitroaniline	16.0	14.2		ug/L		89	28 - 130
4,6-Dinitro-2-methylphenol	32.0	30.9		ug/L		96	64 - 159
4-Bromophenyl phenyl ether	16.0	15.7		ug/L		98	71 - 126
4-Chloro-3-methylphenol	16.0	15.4		ug/L		96	64 - 120
4-Chloroaniline	16.0	11.1		ug/L		69	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.5		ug/L		97	71 - 122
4-Methylphenol	16.0	11.6		ug/L		73	39 - 120
4-Nitroaniline	16.0	15.3		ug/L		95	47 - 130
4-Nitrophenol	32.0	27.0		ug/L		84	16 - 120
Acenaphthene	16.0	13.9		ug/L		87	60 - 120
Acenaphthylene	16.0	13.9		ug/L		87	63 - 120
Anthracene	16.0	15.9		ug/L		100	58 - 148
Benzo[a]anthracene	16.0	16.4		ug/L		103	55 - 151

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: LCS 480-307271/2-A

Matrix: Water

Analysis Batch: 307365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]pyrene	16.0	16.2		ug/L		102	60 - 145
Benzo[b]fluoranthene	16.0	16.9		ug/L		106	54 - 140
Benzo[g,h,i]perylene	16.0	16.5		ug/L		103	66 - 152
Benzo[k]fluoranthene	16.0	16.3		ug/L		102	51 - 153
Bis(2-chloroethoxy)methane	16.0	13.3		ug/L		83	50 - 128
Bis(2-chloroethyl)ether	16.0	11.6		ug/L		72	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	16.3		ug/L		102	53 - 158
Butyl benzyl phthalate	16.0	16.7		ug/L		104	58 - 163
Carbazole	16.0	17.5		ug/L		109	59 - 148
Chrysene	16.0	16.1		ug/L		101	69 - 140
Di-n-butyl phthalate	16.0	17.5		ug/L		109	58 - 149
Di-n-octyl phthalate	16.0	15.1		ug/L		95	55 - 167
Dibenz(a,h)anthracene	16.0	16.9		ug/L		106	57 - 148
Dibenzofuran	16.0	15.0		ug/L		94	49 - 137
Diethyl phthalate	16.0	16.0		ug/L		100	59 - 146
Dimethyl phthalate	16.0	15.9		ug/L		99	59 - 141
Fluoranthene	16.0	17.4		ug/L		108	55 - 147
Fluorene	16.0	15.6		ug/L		98	55 - 143
Hexachlorobenzene	16.0	15.9		ug/L		99	14 - 130
Hexachlorobutadiene	16.0	10.3		ug/L		64	14 - 130
Hexachlorocyclopentadiene	16.0	9.36		ug/L		59	13 - 130
Hexachloroethane	16.0	10.1		ug/L		63	14 - 130
Indeno[1,2,3-cd]pyrene	16.0	17.2		ug/L		108	69 - 146
Isophorone	16.0	14.0		ug/L		87	48 - 133
N-Nitrosodi-n-propylamine	16.0	12.8		ug/L		80	56 - 120
N-Nitrosodiphenylamine	16.0	15.4		ug/L		96	25 - 125
Naphthalene	16.0	12.1		ug/L		76	35 - 130
Nitrobenzene	16.0	13.1		ug/L		82	45 - 123
Pentachlorophenol	32.0	38.6		ug/L		121	39 - 136
Phenanthrene	16.0	16.4		ug/L		102	57 - 147
Phenol	16.0	8.22		ug/L		51	17 - 120
Pyrene	16.0	15.8		ug/L		99	58 - 136

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	103		52 - 132
2-Fluorobiphenyl	87		48 - 120
2-Fluorophenol	62		20 - 120
Nitrobenzene-d5	82		46 - 120
p-Terphenyl-d14	106		67 - 150
Phenol-d5	49		16 - 120

QC Sample Results

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

TestAmerica Job ID: 480-101785-1

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

Lab Sample ID: MB 480-307286/1-A

Matrix: Water

Analysis Batch: 307334

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307286

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		06/17/16 15:40	06/17/16 23:42	1
PCB-1221	ND		0.50	0.18	ug/L		06/17/16 15:40	06/17/16 23:42	1
PCB-1232	ND		0.50	0.18	ug/L		06/17/16 15:40	06/17/16 23:42	1
PCB-1242	ND		0.50	0.18	ug/L		06/17/16 15:40	06/17/16 23:42	1
PCB-1248	ND		0.50	0.18	ug/L		06/17/16 15:40	06/17/16 23:42	1
PCB-1254	ND		0.50	0.25	ug/L		06/17/16 15:40	06/17/16 23:42	1
PCB-1260	ND		0.50	0.25	ug/L		06/17/16 15:40	06/17/16 23:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 125	06/17/16 15:40	06/17/16 23:42	1
Tetrachloro-m-xylene	96		24 - 137	06/17/16 15:40	06/17/16 23:42	1

Lab Sample ID: LCS 480-307286/2-A

Matrix: Water

Analysis Batch: 307334

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307286

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	4.05		ug/L		101	62 - 130
PCB-1260	4.00	3.78		ug/L		95	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	55		19 - 125
Tetrachloro-m-xylene	93		24 - 137

Lab Sample ID: LCSD 480-307286/3-A

Matrix: Water

Analysis Batch: 307334

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 307286

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	4.00	4.01		ug/L		100	62 - 130	1	50
PCB-1260	4.00	3.68		ug/L		92	56 - 123	3	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	52		19 - 125
Tetrachloro-m-xylene	90		24 - 137

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101785-1

GC/MS VOA

Analysis Batch: 308233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101785-1	MW-6	Total/NA	Water	8260C	
480-101785-3	MW-7	Total/NA	Water	8260C	
480-101785-4	MW-5	Total/NA	Water	8260C	
480-101785-5	MW-4	Total/NA	Water	8260C	
LCS 480-308233/7	Lab Control Sample	Total/NA	Water	8260C	
MB 480-308233/9	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 308305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101785-2	MW-3	Total/NA	Water	8260C	
LCS 480-308305/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-308305/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 307271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101785-1	MW-6	Total/NA	Water	3510C	
480-101785-2	MW-3	Total/NA	Water	3510C	
480-101785-3	MW-7	Total/NA	Water	3510C	
480-101785-4	MW-5	Total/NA	Water	3510C	
480-101785-5	MW-4	Total/NA	Water	3510C	
LCS 480-307271/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-307271/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 307365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-307271/2-A	Lab Control Sample	Total/NA	Water	8270D	307271
MB 480-307271/1-A	Method Blank	Total/NA	Water	8270D	307271

Analysis Batch: 307368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101785-1	MW-6	Total/NA	Water	8270D	307271
480-101785-2	MW-3	Total/NA	Water	8270D	307271
480-101785-3	MW-7	Total/NA	Water	8270D	307271
480-101785-4	MW-5	Total/NA	Water	8270D	307271
480-101785-5	MW-4	Total/NA	Water	8270D	307271

GC Semi VOA

Prep Batch: 307286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101785-1	MW-6	Total/NA	Water	3510C	
480-101785-2	MW-3	Total/NA	Water	3510C	
480-101785-3	MW-7	Total/NA	Water	3510C	
480-101785-4	MW-5	Total/NA	Water	3510C	
480-101785-5	MW-4	Total/NA	Water	3510C	
LCS 480-307286/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-307286/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-307286/1-A	Method Blank	Total/NA	Water	3510C	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101785-1

GC Semi VOA (Continued)

Analysis Batch: 307334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101785-1	MW-6	Total/NA	Water	8082A	307286
480-101785-2	MW-3	Total/NA	Water	8082A	307286
480-101785-3	MW-7	Total/NA	Water	8082A	307286
480-101785-4	MW-5	Total/NA	Water	8082A	307286
480-101785-5	MW-4	Total/NA	Water	8082A	307286
LCS 480-307286/2-A	Lab Control Sample	Total/NA	Water	8082A	307286
LCSD 480-307286/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	307286
MB 480-307286/1-A	Method Blank	Total/NA	Water	8082A	307286

Lab Chronicle

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-6

Lab Sample ID: 480-101785-1

Date Collected: 06/16/16 10:15

Matrix: Water

Date Received: 06/16/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308233	06/24/16 01:07	SWO	TAL BUF
Total/NA	Prep	3510C			307271	06/17/16 15:18	AVW	TAL BUF
Total/NA	Analysis	8270D		1	307368	06/19/16 03:53	PJQ	TAL BUF
Total/NA	Prep	3510C			307286	06/17/16 15:40	AVW	TAL BUF
Total/NA	Analysis	8082A		1	307334	06/18/16 00:38	KS	TAL BUF

Client Sample ID: MW-3

Lab Sample ID: 480-101785-2

Date Collected: 06/16/16 11:30

Matrix: Water

Date Received: 06/16/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308305	06/24/16 17:56	GVF	TAL BUF
Total/NA	Prep	3510C			307271	06/17/16 15:18	AVW	TAL BUF
Total/NA	Analysis	8270D		1	307368	06/19/16 04:21	PJQ	TAL BUF
Total/NA	Prep	3510C			307286	06/17/16 15:40	AVW	TAL BUF
Total/NA	Analysis	8082A		1	307334	06/18/16 00:56	KS	TAL BUF

Client Sample ID: MW-7

Lab Sample ID: 480-101785-3

Date Collected: 06/16/16 12:45

Matrix: Water

Date Received: 06/16/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308233	06/24/16 01:53	SWO	TAL BUF
Total/NA	Prep	3510C			307271	06/17/16 15:18	AVW	TAL BUF
Total/NA	Analysis	8270D		1	307368	06/19/16 04:50	PJQ	TAL BUF
Total/NA	Prep	3510C			307286	06/17/16 15:40	AVW	TAL BUF
Total/NA	Analysis	8082A		1	307334	06/18/16 01:14	KS	TAL BUF

Client Sample ID: MW-5

Lab Sample ID: 480-101785-4

Date Collected: 06/16/16 13:45

Matrix: Water

Date Received: 06/16/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308233	06/24/16 02:16	SWO	TAL BUF
Total/NA	Prep	3510C			307271	06/17/16 15:18	AVW	TAL BUF
Total/NA	Analysis	8270D		1	307368	06/19/16 05:18	PJQ	TAL BUF
Total/NA	Prep	3510C			307286	06/17/16 15:40	AVW	TAL BUF
Total/NA	Analysis	8082A		1	307334	06/18/16 01:33	KS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-101785-1

Client Sample ID: MW-4

Lab Sample ID: 480-101785-5

Date Collected: 06/16/16 15:00

Matrix: Water

Date Received: 06/16/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308233	06/24/16 02:39	SWO	TAL BUF
Total/NA	Prep	3510C			307271	06/17/16 15:18	AVW	TAL BUF
Total/NA	Analysis	8270D		1	307368	06/19/16 05:46	PJQ	TAL BUF
Total/NA	Prep	3510C			307286	06/17/16 15:40	AVW	TAL BUF
Total/NA	Analysis	8082A		1	307334	06/18/16 01:52	KS	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: 480-101785-1

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	03-31-17

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

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

TestAmerica Job ID: 480-101785-1

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: 480-101785-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-101785-1	MW-6	Water	06/16/16 10:15	06/16/16 16:10
480-101785-2	MW-3	Water	06/16/16 11:30	06/16/16 16:10
480-101785-3	MW-7	Water	06/16/16 12:45	06/16/16 16:10
480-101785-4	MW-5	Water	06/16/16 13:45	06/16/16 16:10
480-101785-5	MW-4	Water	06/16/16 15:00	06/16/16 16:10

1

2

3

4

5

6

7

8

9

10

11

12

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15

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-101785-1

Login Number: 101785

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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 (Excluding tests with immediate HTs)..	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.	N/A	



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: 480-101880-1

Client Project/Site: Cherry Farms Annual GW Sample

For:

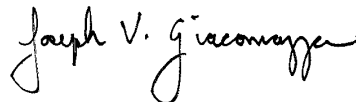
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

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

TestAmerica Job ID: 480-101880-1

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
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.
X	Surrogate is outside control limits

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.

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)

Case Narrative

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

TestAmerica Job ID: 480-101880-1

Job ID: 480-101880-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-101880-1

Receipt

The samples were received on 6/17/2016 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° 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 continuing calibration verification (CCV) associated with batch 480-307744 recovered above the upper control limit for Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: RW-4 (480-101880-1), RW-5 (480-101880-2), S-2 (480-101880-3) and S-3 (480-101880-4).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-307935 recovered above the upper control limit for Pentachlorophenol. The sample associated with this CCV was non-detect for the affected analyte; therefore, the data has been reported. The following sample is impacted: S-4 (480-101880-5).

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

GC Semi VOA

Method(s) 8081B: The matrix spike / matrix spike duplicate precision for preparation batch 480-307581 and analytical batch 480-307733 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because LCS recoveries were well within acceptance limits.

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: S-3 (480-101880-4). As such, surrogate recoveries are estimated and not representative, and 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

Method(s) 3510C: All volumes not entered were between 225 mL and 275 mL. Bottles were weighed but TALS bench sheet was not saved before discarding the bottles.

RW-4 (480-101880-1), RW-5 (480-101880-2), S-2 (480-101880-3), S-3 (480-101880-4) and S-4 (480-101880-5)

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: 480-101880-1

Client Sample ID: RW-4

Lab Sample ID: 480-101880-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1.6		1.0	0.74	ug/L	1		8260C	Total/NA
Diethyl phthalate	0.29	J	4.7	0.21	ug/L	1		8270D	Total/NA

Client Sample ID: RW-5

Lab Sample ID: 480-101880-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.3	J	4.8	0.73	ug/L	1		8270D	Total/NA

Client Sample ID: S-2

Lab Sample ID: 480-101880-3

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	1.1	J	2.0	0.81	ug/L	1		8260C	Total/NA
Benzene	0.43	J	1.0	0.41	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	1.5	J	4.9	0.49	ug/L	1		8270D	Total/NA
Phenanthrene	0.49	J	4.9	0.43	ug/L	1		8270D	Total/NA
Endosulfan I	0.017	J	0.049	0.011	ug/L	1		8081B	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.048		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	82.4	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.11		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	0.26		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0067		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0023	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	53.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	105		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0095		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.069	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.030		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: S-3

Lab Sample ID: 480-101880-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.38	ug/L	1		8260C	Total/NA
1,2-Dichloroethene, Total	1.4	J	2.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.48	J	1.0	0.36	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	18		5.0	0.50	ug/L	1		8270D	Total/NA
1,4-Dichlorobenzene	0.68	J	10	0.46	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	0.66	J	5.0	0.60	ug/L	1		8270D	Total/NA
2-Methylphenol	4.2	J	5.0	0.40	ug/L	1		8270D	Total/NA
4-Chloro-3-methylphenol	3.1	J	5.0	0.45	ug/L	1		8270D	Total/NA
Acenaphthene	1.1	J	5.0	0.41	ug/L	1		8270D	Total/NA
Carbazole	1.4	J	5.0	0.30	ug/L	1		8270D	Total/NA
Dimethyl phthalate	3.9	J	5.0	0.36	ug/L	1		8270D	Total/NA
Fluorene	0.71	J	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	0.59	J	5.0	0.44	ug/L	1		8270D	Total/NA
Methoxychlor	5.2		0.51	0.14	ug/L	10		8081B	Total/NA
PCB-1232	4.2		0.50	0.18	ug/L	1		8082A	Total/NA
Arsenic	0.0070	J	0.010	0.0056	mg/L	1		6010C	Total/NA
Barium	0.093		0.0020	0.00070	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-3 (Continued)

Lab Sample ID: 480-101880-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	212	B	0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0044	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.48		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	3.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.18		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	89.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	91.9		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0035	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.025	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: S-4

Lab Sample ID: 480-101880-5

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	3.3		2.0	0.81	ug/L	1		8260C	Total/NA
Benzene	1.4		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	1.6		1.0	0.74	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.36	J	1.0	0.36	ug/L	1		8260C	Total/NA
Toluene	1.1		1.0	0.51	ug/L	1		8260C	Total/NA
Trichloroethene	0.77	J	1.0	0.46	ug/L	1		8260C	Total/NA
Xylenes, Total	10		2.0	0.66	ug/L	1		8260C	Total/NA
2,4-Dimethylphenol	32		4.8	0.48	ug/L	1		8270D	Total/NA
2-Methylphenol	12		4.8	0.38	ug/L	1		8270D	Total/NA
4-Methylphenol	27		9.5	0.34	ug/L	1		8270D	Total/NA
Acenaphthene	0.47	J	4.8	0.39	ug/L	1		8270D	Total/NA
Carbazole	0.34	J	4.8	0.29	ug/L	1		8270D	Total/NA
Fluorene	0.42	J	4.8	0.34	ug/L	1		8270D	Total/NA
Naphthalene	3.6	J	4.8	0.72	ug/L	1		8270D	Total/NA
Phenanthrene	0.71	J	4.8	0.42	ug/L	1		8270D	Total/NA
delta-BHC	0.014	J	0.049	0.0098	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.019	J	0.049	0.0078	ug/L	1		8081B	Total/NA
PCB-1232	0.79		0.50	0.18	ug/L	1		8082A	Total/NA
Aluminum	0.35		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.045		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	70.0	B	0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.20		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	0.31		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0097		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0016	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	57.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	116		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0077		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0088	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.053		0.010	0.0050	mg/L	1		9012B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: RW-4

Lab Sample ID: 480-101880-1

Date Collected: 06/17/16 11:45

Matrix: Water

Date Received: 06/17/16 15:55

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			06/25/16 03:23	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/16 03:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/16 03:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/25/16 03:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/16 03:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/16 03:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/16 03:23	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/16 03:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/16 03:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/25/16 03:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/16 03:23	1
Acetone	ND		10	3.0	ug/L			06/25/16 03:23	1
Benzene	ND		1.0	0.41	ug/L			06/25/16 03:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/16 03:23	1
Bromoform	ND		1.0	0.26	ug/L			06/25/16 03:23	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/16 03:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/16 03:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/16 03:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/16 03:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/16 03:23	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/16 03:23	1
Chloroform	ND		1.0	0.34	ug/L			06/25/16 03:23	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/16 03:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/16 03:23	1
Ethylbenzene	1.6		1.0	0.74	ug/L			06/25/16 03:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/25/16 03:23	1
Styrene	ND		1.0	0.73	ug/L			06/25/16 03:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/25/16 03:23	1
Toluene	ND		1.0	0.51	ug/L			06/25/16 03:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/16 03:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/25/16 03:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/16 03:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/25/16 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		06/25/16 03:23	1
Toluene-d8 (Surr)	97		71 - 126		06/25/16 03:23	1
4-Bromofluorobenzene (Surr)	94		73 - 120		06/25/16 03:23	1
Dibromofluoromethane (Surr)	113		60 - 140		06/25/16 03:23	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		06/20/16 15:01	06/21/16 23:38	1
1,2,4-Trichlorobenzene	ND		9.5	0.42	ug/L		06/20/16 15:01	06/21/16 23:38	1
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		06/20/16 15:01	06/21/16 23:38	1
1,2-Dichlorobenzene	ND		9.5	0.38	ug/L		06/20/16 15:01	06/21/16 23:38	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		06/20/16 15:01	06/21/16 23:38	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		06/20/16 15:01	06/21/16 23:38	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		06/20/16 15:01	06/21/16 23:38	1
1,3-Dichlorobenzene	ND		9.5	0.45	ug/L		06/20/16 15:01	06/21/16 23:38	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: RW-4

Lab Sample ID: 480-101880-1

Date Collected: 06/17/16 11:45

Matrix: Water

Date Received: 06/17/16 15:55

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		06/20/16 15:01	06/21/16 23:38	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		06/20/16 15:01	06/21/16 23:38	1
1,4-Dichlorobenzene	ND		9.5	0.44	ug/L		06/20/16 15:01	06/21/16 23:38	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		06/20/16 15:01	06/21/16 23:38	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		06/20/16 15:01	06/21/16 23:38	1
2-Chlorophenol	ND		4.7	0.50	ug/L		06/20/16 15:01	06/21/16 23:38	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		06/20/16 15:01	06/21/16 23:38	1
2-Methylphenol	ND		4.7	0.38	ug/L		06/20/16 15:01	06/21/16 23:38	1
2-Nitroaniline	ND		9.5	0.40	ug/L		06/20/16 15:01	06/21/16 23:38	1
2-Nitrophenol	ND		4.7	0.45	ug/L		06/20/16 15:01	06/21/16 23:38	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		06/20/16 15:01	06/21/16 23:38	1
3-Nitroaniline	ND		9.5	0.45	ug/L		06/20/16 15:01	06/21/16 23:38	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		06/20/16 15:01	06/21/16 23:38	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		06/20/16 15:01	06/21/16 23:38	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		06/20/16 15:01	06/21/16 23:38	1
4-Chloroaniline	ND		4.7	0.56	ug/L		06/20/16 15:01	06/21/16 23:38	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		06/20/16 15:01	06/21/16 23:38	1
4-Methylphenol	ND		9.5	0.34	ug/L		06/20/16 15:01	06/21/16 23:38	1
4-Nitroaniline	ND		9.5	0.24	ug/L		06/20/16 15:01	06/21/16 23:38	1
4-Nitrophenol	ND		9.5	1.4	ug/L		06/20/16 15:01	06/21/16 23:38	1
Acenaphthene	ND		4.7	0.39	ug/L		06/20/16 15:01	06/21/16 23:38	1
Acenaphthylene	ND		4.7	0.36	ug/L		06/20/16 15:01	06/21/16 23:38	1
Anthracene	ND		4.7	0.27	ug/L		06/20/16 15:01	06/21/16 23:38	1
Benzo[a]anthracene	ND		4.7	0.34	ug/L		06/20/16 15:01	06/21/16 23:38	1
Benzo[a]pyrene	ND		4.7	0.45	ug/L		06/20/16 15:01	06/21/16 23:38	1
Benzo[b]fluoranthene	ND		4.7	0.32	ug/L		06/20/16 15:01	06/21/16 23:38	1
Benzo[g,h,i]perylene	ND		4.7	0.33	ug/L		06/20/16 15:01	06/21/16 23:38	1
Benzo[k]fluoranthene	ND		4.7	0.69	ug/L		06/20/16 15:01	06/21/16 23:38	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		06/20/16 15:01	06/21/16 23:38	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		06/20/16 15:01	06/21/16 23:38	1
Bis(2-ethylhexyl) phthalate	ND		4.7	2.1	ug/L		06/20/16 15:01	06/21/16 23:38	1
Butyl benzyl phthalate	ND		4.7	0.95	ug/L		06/20/16 15:01	06/21/16 23:38	1
Carbazole	ND		4.7	0.28	ug/L		06/20/16 15:01	06/21/16 23:38	1
Chrysene	ND		4.7	0.31	ug/L		06/20/16 15:01	06/21/16 23:38	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		06/20/16 15:01	06/21/16 23:38	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		06/20/16 15:01	06/21/16 23:38	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		06/20/16 15:01	06/21/16 23:38	1
Dibenzofuran	ND		9.5	0.48	ug/L		06/20/16 15:01	06/21/16 23:38	1
Diethyl phthalate	0.29	J	4.7	0.21	ug/L		06/20/16 15:01	06/21/16 23:38	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		06/20/16 15:01	06/21/16 23:38	1
Fluoranthene	ND		4.7	0.38	ug/L		06/20/16 15:01	06/21/16 23:38	1
Fluorene	ND		4.7	0.34	ug/L		06/20/16 15:01	06/21/16 23:38	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		06/20/16 15:01	06/21/16 23:38	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		06/20/16 15:01	06/21/16 23:38	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		06/20/16 15:01	06/21/16 23:38	1
Hexachloroethane	ND		4.7	0.56	ug/L		06/20/16 15:01	06/21/16 23:38	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.45	ug/L		06/20/16 15:01	06/21/16 23:38	1
Isophorone	ND		4.7	0.41	ug/L		06/20/16 15:01	06/21/16 23:38	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		06/20/16 15:01	06/21/16 23:38	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: RW-4

Lab Sample ID: 480-101880-1

Date Collected: 06/17/16 11:45

Matrix: Water

Date Received: 06/17/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		06/20/16 15:01	06/21/16 23:38	1
Naphthalene	ND		4.7	0.72	ug/L		06/20/16 15:01	06/21/16 23:38	1
Nitrobenzene	ND		4.7	0.27	ug/L		06/20/16 15:01	06/21/16 23:38	1
Pentachlorophenol	ND		9.5	2.1	ug/L		06/20/16 15:01	06/21/16 23:38	1
Phenanthrene	ND		4.7	0.42	ug/L		06/20/16 15:01	06/21/16 23:38	1
Phenol	ND		4.7	0.37	ug/L		06/20/16 15:01	06/21/16 23:38	1
Pyrene	ND		4.7	0.32	ug/L		06/20/16 15:01	06/21/16 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		52 - 132	06/20/16 15:01	06/21/16 23:38	1
2-Fluorobiphenyl	82		48 - 120	06/20/16 15:01	06/21/16 23:38	1
2-Fluorophenol	68		20 - 120	06/20/16 15:01	06/21/16 23:38	1
Nitrobenzene-d5	86		46 - 120	06/20/16 15:01	06/21/16 23:38	1
p-Terphenyl-d14	94		67 - 150	06/20/16 15:01	06/21/16 23:38	1
Phenol-d5	47		16 - 120	06/20/16 15:01	06/21/16 23:38	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		06/20/16 08:05	06/21/16 06:08	1
PCB-1221	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:08	1
PCB-1232	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:08	1
PCB-1242	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:08	1
PCB-1248	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:08	1
PCB-1254	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 06:08	1
PCB-1260	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		19 - 125	06/20/16 08:05	06/21/16 06:08	1
Tetrachloro-m-xylene	92		24 - 137	06/20/16 08:05	06/21/16 06:08	1

Client Sample ID: RW-5

Lab Sample ID: 480-101880-2

Date Collected: 06/17/16 13:05

Matrix: Water

Date Received: 06/17/16 15:55

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			06/25/16 03:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/16 03:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/16 03:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/25/16 03:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/16 03:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/16 03:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/16 03:48	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/16 03:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/16 03:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/25/16 03:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/16 03:48	1
Acetone	ND		10	3.0	ug/L			06/25/16 03:48	1
Benzene	ND		1.0	0.41	ug/L			06/25/16 03:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/16 03:48	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: RW-5

Lab Sample ID: 480-101880-2

Date Collected: 06/17/16 13:05

Matrix: Water

Date Received: 06/17/16 15:55

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			06/25/16 03:48	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/16 03:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/16 03:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/16 03:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/16 03:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/16 03:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/16 03:48	1
Chloroform	ND		1.0	0.34	ug/L			06/25/16 03:48	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/16 03:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/16 03:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/25/16 03:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/25/16 03:48	1
Styrene	ND		1.0	0.73	ug/L			06/25/16 03:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/25/16 03:48	1
Toluene	ND		1.0	0.51	ug/L			06/25/16 03:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/16 03:48	1
Trichloroethene	ND		1.0	0.46	ug/L			06/25/16 03:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/16 03:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/25/16 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		06/25/16 03:48	1
Toluene-d8 (Surr)	97		71 - 126		06/25/16 03:48	1
4-Bromofluorobenzene (Surr)	95		73 - 120		06/25/16 03:48	1
Dibromofluoromethane (Surr)	113		60 - 140		06/25/16 03:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		06/20/16 15:01	06/22/16 00:07	1
1,2,4-Trichlorobenzene	ND		9.6	0.42	ug/L		06/20/16 15:01	06/22/16 00:07	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/20/16 15:01	06/22/16 00:07	1
1,2-Dichlorobenzene	ND		9.6	0.38	ug/L		06/20/16 15:01	06/22/16 00:07	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		06/20/16 15:01	06/22/16 00:07	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/20/16 15:01	06/22/16 00:07	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		06/20/16 15:01	06/22/16 00:07	1
1,3-Dichlorobenzene	ND		9.6	0.46	ug/L		06/20/16 15:01	06/22/16 00:07	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		06/20/16 15:01	06/22/16 00:07	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/20/16 15:01	06/22/16 00:07	1
1,4-Dichlorobenzene	ND		9.6	0.44	ug/L		06/20/16 15:01	06/22/16 00:07	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 00:07	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/20/16 15:01	06/22/16 00:07	1
2-Chlorophenol	ND		4.8	0.51	ug/L		06/20/16 15:01	06/22/16 00:07	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		06/20/16 15:01	06/22/16 00:07	1
2-Methylphenol	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 00:07	1
2-Nitroaniline	ND		9.6	0.40	ug/L		06/20/16 15:01	06/22/16 00:07	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/20/16 15:01	06/22/16 00:07	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 00:07	1
3-Nitroaniline	ND		9.6	0.46	ug/L		06/20/16 15:01	06/22/16 00:07	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		06/20/16 15:01	06/22/16 00:07	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/20/16 15:01	06/22/16 00:07	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: RW-5

Lab Sample ID: 480-101880-2

Date Collected: 06/17/16 13:05

Matrix: Water

Date Received: 06/17/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/20/16 15:01	06/22/16 00:07	1
4-Chloroaniline	ND		4.8	0.57	ug/L		06/20/16 15:01	06/22/16 00:07	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		06/20/16 15:01	06/22/16 00:07	1
4-Methylphenol	ND		9.6	0.35	ug/L		06/20/16 15:01	06/22/16 00:07	1
4-Nitroaniline	ND		9.6	0.24	ug/L		06/20/16 15:01	06/22/16 00:07	1
4-Nitrophenol	ND		9.6	1.5	ug/L		06/20/16 15:01	06/22/16 00:07	1
Acenaphthene	ND		4.8	0.39	ug/L		06/20/16 15:01	06/22/16 00:07	1
Acenaphthylene	ND		4.8	0.37	ug/L		06/20/16 15:01	06/22/16 00:07	1
Anthracene	ND		4.8	0.27	ug/L		06/20/16 15:01	06/22/16 00:07	1
Benzo[a]anthracene	ND		4.8	0.35	ug/L		06/20/16 15:01	06/22/16 00:07	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		06/20/16 15:01	06/22/16 00:07	1
Benzo[b]fluoranthene	ND		4.8	0.33	ug/L		06/20/16 15:01	06/22/16 00:07	1
Benzo[g,h,i]perylene	ND		4.8	0.34	ug/L		06/20/16 15:01	06/22/16 00:07	1
Benzo[k]fluoranthene	ND		4.8	0.70	ug/L		06/20/16 15:01	06/22/16 00:07	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		06/20/16 15:01	06/22/16 00:07	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 00:07	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		06/20/16 15:01	06/22/16 00:07	1
Butyl benzyl phthalate	ND		4.8	0.96	ug/L		06/20/16 15:01	06/22/16 00:07	1
Carbazole	ND		4.8	0.29	ug/L		06/20/16 15:01	06/22/16 00:07	1
Chrysene	ND		4.8	0.32	ug/L		06/20/16 15:01	06/22/16 00:07	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/20/16 15:01	06/22/16 00:07	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/20/16 15:01	06/22/16 00:07	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/20/16 15:01	06/22/16 00:07	1
Dibenzofuran	ND		9.6	0.49	ug/L		06/20/16 15:01	06/22/16 00:07	1
Diethyl phthalate	ND		4.8	0.21	ug/L		06/20/16 15:01	06/22/16 00:07	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		06/20/16 15:01	06/22/16 00:07	1
Fluoranthene	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 00:07	1
Fluorene	ND		4.8	0.35	ug/L		06/20/16 15:01	06/22/16 00:07	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/20/16 15:01	06/22/16 00:07	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/20/16 15:01	06/22/16 00:07	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		06/20/16 15:01	06/22/16 00:07	1
Hexachloroethane	ND		4.8	0.57	ug/L		06/20/16 15:01	06/22/16 00:07	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		06/20/16 15:01	06/22/16 00:07	1
Isophorone	ND		4.8	0.41	ug/L		06/20/16 15:01	06/22/16 00:07	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		06/20/16 15:01	06/22/16 00:07	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		06/20/16 15:01	06/22/16 00:07	1
Naphthalene	1.3	J	4.8	0.73	ug/L		06/20/16 15:01	06/22/16 00:07	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/20/16 15:01	06/22/16 00:07	1
Pentachlorophenol	ND		9.6	2.1	ug/L		06/20/16 15:01	06/22/16 00:07	1
Phenanthrene	ND		4.8	0.42	ug/L		06/20/16 15:01	06/22/16 00:07	1
Phenol	ND		4.8	0.37	ug/L		06/20/16 15:01	06/22/16 00:07	1
Pyrene	ND		4.8	0.33	ug/L		06/20/16 15:01	06/22/16 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 132				06/20/16 15:01	06/22/16 00:07	1
2-Fluorobiphenyl	84		48 - 120				06/20/16 15:01	06/22/16 00:07	1
2-Fluorophenol	71		20 - 120				06/20/16 15:01	06/22/16 00:07	1
Nitrobenzene-d5	86		46 - 120				06/20/16 15:01	06/22/16 00:07	1
p-Terphenyl-d14	88		67 - 150				06/20/16 15:01	06/22/16 00:07	1
Phenol-d5	49		16 - 120				06/20/16 15:01	06/22/16 00:07	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

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		06/20/16 08:05	06/21/16 06:26	1
PCB-1221	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:26	1
PCB-1232	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:26	1
PCB-1242	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:26	1
PCB-1248	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:26	1
PCB-1254	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 06:26	1
PCB-1260	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 06:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		19 - 125				06/20/16 08:05	06/21/16 06:26	1
Tetrachloro-m-xylene	90		24 - 137				06/20/16 08:05	06/21/16 06:26	1

Client Sample ID: S-2

Lab Sample ID: 480-101880-3

Date Collected: 06/17/16 14:30

Matrix: Water

Date Received: 06/17/16 15:55

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			06/25/16 04:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/16 04:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/16 04:13	1
1,1-Dichloroethane	1.4		1.0	0.38	ug/L			06/25/16 04:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/16 04:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/16 04:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/16 04:13	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/16 04:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/16 04:13	1
1,2-Dichloroethene, Total	1.1 J		2.0	0.81	ug/L			06/25/16 04:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/16 04:13	1
Acetone	ND		10	3.0	ug/L			06/25/16 04:13	1
Benzene	0.43 J		1.0	0.41	ug/L			06/25/16 04:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/16 04:13	1
Bromoform	ND		1.0	0.26	ug/L			06/25/16 04:13	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/16 04:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/16 04:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/16 04:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/16 04:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/16 04:13	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/16 04:13	1
Chloroform	ND		1.0	0.34	ug/L			06/25/16 04:13	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/16 04:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/16 04:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/25/16 04:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/25/16 04:13	1
Styrene	ND		1.0	0.73	ug/L			06/25/16 04:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/25/16 04:13	1
Toluene	ND		1.0	0.51	ug/L			06/25/16 04:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/16 04:13	1
Trichloroethene	ND		1.0	0.46	ug/L			06/25/16 04:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/16 04:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/25/16 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		66 - 137					06/25/16 04:13	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-2

Lab Sample ID: 480-101880-3

Date Collected: 06/17/16 14:30

Matrix: Water

Date Received: 06/17/16 15:55

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		71 - 126		06/25/16 04:13	1
4-Bromofluorobenzene (Surr)	91		73 - 120		06/25/16 04:13	1
Dibromofluoromethane (Surr)	113		60 - 140		06/25/16 04:13	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	0.50	ug/L		06/20/16 15:01	06/22/16 00:35	1
1,2,4-Trichlorobenzene	ND		9.7	0.43	ug/L		06/20/16 15:01	06/22/16 00:35	1
2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L		06/20/16 15:01	06/22/16 00:35	1
1,2-Dichlorobenzene	ND		9.7	0.39	ug/L		06/20/16 15:01	06/22/16 00:35	1
2,4,6-Trichlorophenol	ND		4.9	0.59	ug/L		06/20/16 15:01	06/22/16 00:35	1
2,4-Dichlorophenol	ND		4.9	0.49	ug/L		06/20/16 15:01	06/22/16 00:35	1
2,4-Dimethylphenol	1.5	J	4.9	0.49	ug/L		06/20/16 15:01	06/22/16 00:35	1
1,3-Dichlorobenzene	ND		9.7	0.47	ug/L		06/20/16 15:01	06/22/16 00:35	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		06/20/16 15:01	06/22/16 00:35	1
2,4-Dinitrotoluene	ND		4.9	0.43	ug/L		06/20/16 15:01	06/22/16 00:35	1
1,4-Dichlorobenzene	ND		9.7	0.45	ug/L		06/20/16 15:01	06/22/16 00:35	1
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L		06/20/16 15:01	06/22/16 00:35	1
2-Chloronaphthalene	ND		4.9	0.45	ug/L		06/20/16 15:01	06/22/16 00:35	1
2-Chlorophenol	ND		4.9	0.51	ug/L		06/20/16 15:01	06/22/16 00:35	1
2-Methylnaphthalene	ND		4.9	0.58	ug/L		06/20/16 15:01	06/22/16 00:35	1
2-Methylphenol	ND		4.9	0.39	ug/L		06/20/16 15:01	06/22/16 00:35	1
2-Nitroaniline	ND		9.7	0.41	ug/L		06/20/16 15:01	06/22/16 00:35	1
2-Nitrophenol	ND		4.9	0.47	ug/L		06/20/16 15:01	06/22/16 00:35	1
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L		06/20/16 15:01	06/22/16 00:35	1
3-Nitroaniline	ND		9.7	0.47	ug/L		06/20/16 15:01	06/22/16 00:35	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		06/20/16 15:01	06/22/16 00:35	1
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L		06/20/16 15:01	06/22/16 00:35	1
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L		06/20/16 15:01	06/22/16 00:35	1
4-Chloroaniline	ND		4.9	0.57	ug/L		06/20/16 15:01	06/22/16 00:35	1
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L		06/20/16 15:01	06/22/16 00:35	1
4-Methylphenol	ND		9.7	0.35	ug/L		06/20/16 15:01	06/22/16 00:35	1
4-Nitroaniline	ND		9.7	0.24	ug/L		06/20/16 15:01	06/22/16 00:35	1
4-Nitrophenol	ND		9.7	1.5	ug/L		06/20/16 15:01	06/22/16 00:35	1
Acenaphthene	ND		4.9	0.40	ug/L		06/20/16 15:01	06/22/16 00:35	1
Acenaphthylene	ND		4.9	0.37	ug/L		06/20/16 15:01	06/22/16 00:35	1
Anthracene	ND		4.9	0.27	ug/L		06/20/16 15:01	06/22/16 00:35	1
Benzo[a]anthracene	ND		4.9	0.35	ug/L		06/20/16 15:01	06/22/16 00:35	1
Benzo[a]pyrene	ND		4.9	0.46	ug/L		06/20/16 15:01	06/22/16 00:35	1
Benzo[b]fluoranthene	ND		4.9	0.33	ug/L		06/20/16 15:01	06/22/16 00:35	1
Benzo[g,h,i]perylene	ND		4.9	0.34	ug/L		06/20/16 15:01	06/22/16 00:35	1
Benzo[k]fluoranthene	ND		4.9	0.71	ug/L		06/20/16 15:01	06/22/16 00:35	1
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L		06/20/16 15:01	06/22/16 00:35	1
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L		06/20/16 15:01	06/22/16 00:35	1
Bis(2-ethylhexyl) phthalate	ND		4.9	2.1	ug/L		06/20/16 15:01	06/22/16 00:35	1
Butyl benzyl phthalate	ND		4.9	0.97	ug/L		06/20/16 15:01	06/22/16 00:35	1
Carbazole	ND		4.9	0.29	ug/L		06/20/16 15:01	06/22/16 00:35	1
Chrysene	ND		4.9	0.32	ug/L		06/20/16 15:01	06/22/16 00:35	1
Di-n-butyl phthalate	ND		4.9	0.30	ug/L		06/20/16 15:01	06/22/16 00:35	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-2

Lab Sample ID: 480-101880-3

Date Collected: 06/17/16 14:30

Matrix: Water

Date Received: 06/17/16 15:55

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		06/20/16 15:01	06/22/16 00:35	1
Dibenz(a,h)anthracene	ND		4.9	0.41	ug/L		06/20/16 15:01	06/22/16 00:35	1
Dibenzofuran	ND		9.7	0.49	ug/L		06/20/16 15:01	06/22/16 00:35	1
Diethyl phthalate	ND		4.9	0.21	ug/L		06/20/16 15:01	06/22/16 00:35	1
Dimethyl phthalate	ND		4.9	0.35	ug/L		06/20/16 15:01	06/22/16 00:35	1
Fluoranthene	ND		4.9	0.39	ug/L		06/20/16 15:01	06/22/16 00:35	1
Fluorene	ND		4.9	0.35	ug/L		06/20/16 15:01	06/22/16 00:35	1
Hexachlorobenzene	ND		4.9	0.49	ug/L		06/20/16 15:01	06/22/16 00:35	1
Hexachlorobutadiene	ND		4.9	0.66	ug/L		06/20/16 15:01	06/22/16 00:35	1
Hexachlorocyclopentadiene	ND		4.9	0.57	ug/L		06/20/16 15:01	06/22/16 00:35	1
Hexachloroethane	ND		4.9	0.57	ug/L		06/20/16 15:01	06/22/16 00:35	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.46	ug/L		06/20/16 15:01	06/22/16 00:35	1
Isophorone	ND		4.9	0.42	ug/L		06/20/16 15:01	06/22/16 00:35	1
N-Nitrosodi-n-propylamine	ND		4.9	0.52	ug/L		06/20/16 15:01	06/22/16 00:35	1
N-Nitrosodiphenylamine	ND		4.9	0.49	ug/L		06/20/16 15:01	06/22/16 00:35	1
Naphthalene	ND		4.9	0.74	ug/L		06/20/16 15:01	06/22/16 00:35	1
Nitrobenzene	ND		4.9	0.28	ug/L		06/20/16 15:01	06/22/16 00:35	1
Pentachlorophenol	ND		9.7	2.1	ug/L		06/20/16 15:01	06/22/16 00:35	1
Phenanthrene	0.49	J	4.9	0.43	ug/L		06/20/16 15:01	06/22/16 00:35	1
Phenol	ND		4.9	0.38	ug/L		06/20/16 15:01	06/22/16 00:35	1
Pyrene	ND		4.9	0.33	ug/L		06/20/16 15:01	06/22/16 00:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		52 - 132				06/20/16 15:01	06/22/16 00:35	1
2-Fluorobiphenyl	89		48 - 120				06/20/16 15:01	06/22/16 00:35	1
2-Fluorophenol	76		20 - 120				06/20/16 15:01	06/22/16 00:35	1
Nitrobenzene-d5	92		46 - 120				06/20/16 15:01	06/22/16 00:35	1
p-Terphenyl-d14	108		67 - 150				06/20/16 15:01	06/22/16 00:35	1
Phenol-d5	50		16 - 120				06/20/16 15:01	06/22/16 00:35	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		06/20/16 15:08	06/21/16 21:29	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/20/16 15:08	06/21/16 21:29	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/20/16 15:08	06/21/16 21:29	1
Aldrin	ND		0.049	0.0079	ug/L		06/20/16 15:08	06/21/16 21:29	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/20/16 15:08	06/21/16 21:29	1
alpha-Chlordane	ND		0.049	0.015	ug/L		06/20/16 15:08	06/21/16 21:29	1
beta-BHC	ND		0.049	0.024	ug/L		06/20/16 15:08	06/21/16 21:29	1
delta-BHC	ND		0.049	0.0098	ug/L		06/20/16 15:08	06/21/16 21:29	1
Dieldrin	ND		0.049	0.0096	ug/L		06/20/16 15:08	06/21/16 21:29	1
Endosulfan I	0.017	J	0.049	0.011	ug/L		06/20/16 15:08	06/21/16 21:29	1
Endosulfan II	ND		0.049	0.012	ug/L		06/20/16 15:08	06/21/16 21:29	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/20/16 15:08	06/21/16 21:29	1
Endrin	ND		0.049	0.014	ug/L		06/20/16 15:08	06/21/16 21:29	1
Endrin aldehyde	ND		0.049	0.016	ug/L		06/20/16 15:08	06/21/16 21:29	1
Endrin ketone	ND		0.049	0.012	ug/L		06/20/16 15:08	06/21/16 21:29	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/20/16 15:08	06/21/16 21:29	1
gamma-Chlordane	ND		0.049	0.011	ug/L		06/20/16 15:08	06/21/16 21:29	1
Heptachlor	ND		0.049	0.0083	ug/L		06/20/16 15:08	06/21/16 21:29	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-2

Lab Sample ID: 480-101880-3

Date Collected: 06/17/16 14:30

Matrix: Water

Date Received: 06/17/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.049	0.0073	ug/L		06/20/16 15:08	06/21/16 21:29	1
Methoxychlor	ND		0.049	0.014	ug/L		06/20/16 15:08	06/21/16 21:29	1
Toxaphene	ND		0.49	0.12	ug/L		06/20/16 15:08	06/21/16 21:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		20 - 120				06/20/16 15:08	06/21/16 21:29	1
Tetrachloro-m-xylene	89		36 - 120				06/20/16 15:08	06/21/16 21:29	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		06/20/16 08:05	06/21/16 06:44	1
PCB-1221	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:44	1
PCB-1232	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:44	1
PCB-1242	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:44	1
PCB-1248	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 06:44	1
PCB-1254	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 06:44	1
PCB-1260	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		19 - 125				06/20/16 08:05	06/21/16 06:44	1
Tetrachloro-m-xylene	85		24 - 137				06/20/16 08:05	06/21/16 06:44	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		06/18/16 11:30	06/22/16 16:31	1
Antimony	ND		0.020	0.0068	mg/L		06/18/16 11:30	06/22/16 16:31	1
Arsenic	ND		0.010	0.0056	mg/L		06/18/16 11:30	06/22/16 16:31	1
Barium	0.048		0.0020	0.00070	mg/L		06/18/16 11:30	06/22/16 16:31	1
Beryllium	ND		0.0020	0.00030	mg/L		06/18/16 11:30	06/22/16 16:31	1
Cadmium	ND		0.0010	0.00050	mg/L		06/18/16 11:30	06/22/16 16:31	1
Calcium	82.4	B	0.50	0.10	mg/L		06/18/16 11:30	06/22/16 16:31	1
Chromium	ND		0.0040	0.0010	mg/L		06/18/16 11:30	06/22/16 16:31	1
Cobalt	ND		0.0040	0.00063	mg/L		06/18/16 11:30	06/22/16 16:31	1
Copper	ND		0.010	0.0016	mg/L		06/18/16 11:30	06/22/16 16:31	1
Iron	0.11		0.050	0.019	mg/L		06/18/16 11:30	06/22/16 16:31	1
Lead	ND		0.0050	0.0030	mg/L		06/18/16 11:30	06/22/16 16:31	1
Magnesium	0.26		0.20	0.043	mg/L		06/18/16 11:30	06/22/16 16:31	1
Manganese	0.0067		0.0030	0.00040	mg/L		06/18/16 11:30	06/22/16 16:31	1
Nickel	0.0023	J	0.010	0.0013	mg/L		06/18/16 11:30	06/22/16 16:31	1
Potassium	53.6		0.50	0.10	mg/L		06/18/16 11:30	06/22/16 16:31	1
Selenium	ND		0.015	0.0087	mg/L		06/18/16 11:30	06/22/16 16:31	1
Silver	ND		0.0030	0.0017	mg/L		06/18/16 11:30	06/22/16 16:31	1
Sodium	105		1.0	0.32	mg/L		06/18/16 11:30	06/22/16 16:31	1
Thallium	ND		0.020	0.010	mg/L		06/18/16 11:30	06/22/16 16:31	1
Vanadium	0.0095		0.0050	0.0015	mg/L		06/18/16 11:30	06/22/16 16:31	1
Zinc	0.069	B	0.010	0.0015	mg/L		06/18/16 11:30	06/22/16 16:31	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		06/22/16 10:06	06/22/16 10:47	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-2

Lab Sample ID: 480-101880-3

Date Collected: 06/17/16 14:30

Matrix: Water

Date Received: 06/17/16 15:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.030		0.010	0.0050	mg/L		06/26/16 09:00	06/27/16 10:26	1

Client Sample ID: S-3

Lab Sample ID: 480-101880-4

Date Collected: 06/17/16 14:55

Matrix: Water

Date Received: 06/17/16 15:55

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			06/25/16 04:38	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/16 04:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/16 04:38	1
1,1-Dichloroethane	1.7		1.0	0.38	ug/L			06/25/16 04:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/16 04:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/16 04:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/16 04:38	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/16 04:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/16 04:38	1
1,2-Dichloroethene, Total	1.4 J		2.0	0.81	ug/L			06/25/16 04:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/16 04:38	1
Acetone	ND		10	3.0	ug/L			06/25/16 04:38	1
Benzene	ND		1.0	0.41	ug/L			06/25/16 04:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/16 04:38	1
Bromoform	ND		1.0	0.26	ug/L			06/25/16 04:38	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/16 04:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/16 04:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/16 04:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/16 04:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/16 04:38	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/16 04:38	1
Chloroform	ND		1.0	0.34	ug/L			06/25/16 04:38	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/16 04:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/16 04:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/25/16 04:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/25/16 04:38	1
Styrene	ND		1.0	0.73	ug/L			06/25/16 04:38	1
Tetrachloroethene	0.48 J		1.0	0.36	ug/L			06/25/16 04:38	1
Toluene	ND		1.0	0.51	ug/L			06/25/16 04:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/16 04:38	1
Trichloroethene	ND		1.0	0.46	ug/L			06/25/16 04:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/16 04:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/25/16 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		06/25/16 04:38	1
Toluene-d8 (Surr)	95		71 - 126		06/25/16 04:38	1
4-Bromofluorobenzene (Surr)	92		73 - 120		06/25/16 04:38	1
Dibromofluoromethane (Surr)	111		60 - 140		06/25/16 04:38	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-3

Lab Sample ID: 480-101880-4

Date Collected: 06/17/16 14:55

Matrix: Water

Date Received: 06/17/16 15:55

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		06/20/16 15:01	06/22/16 01:04	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		06/20/16 15:01	06/22/16 01:04	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/20/16 15:01	06/22/16 01:04	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		06/20/16 15:01	06/22/16 01:04	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/20/16 15:01	06/22/16 01:04	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/20/16 15:01	06/22/16 01:04	1
2,4-Dimethylphenol	18		5.0	0.50	ug/L		06/20/16 15:01	06/22/16 01:04	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		06/20/16 15:01	06/22/16 01:04	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/20/16 15:01	06/22/16 01:04	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/20/16 15:01	06/22/16 01:04	1
1,4-Dichlorobenzene	0.68	J	10	0.46	ug/L		06/20/16 15:01	06/22/16 01:04	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/20/16 15:01	06/22/16 01:04	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/20/16 15:01	06/22/16 01:04	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/20/16 15:01	06/22/16 01:04	1
2-Methylnaphthalene	0.66	J	5.0	0.60	ug/L		06/20/16 15:01	06/22/16 01:04	1
2-Methylphenol	4.2	J	5.0	0.40	ug/L		06/20/16 15:01	06/22/16 01:04	1
2-Nitroaniline	ND		10	0.42	ug/L		06/20/16 15:01	06/22/16 01:04	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/20/16 15:01	06/22/16 01:04	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/20/16 15:01	06/22/16 01:04	1
3-Nitroaniline	ND		10	0.48	ug/L		06/20/16 15:01	06/22/16 01:04	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/20/16 15:01	06/22/16 01:04	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/20/16 15:01	06/22/16 01:04	1
4-Chloro-3-methylphenol	3.1	J	5.0	0.45	ug/L		06/20/16 15:01	06/22/16 01:04	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/20/16 15:01	06/22/16 01:04	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/20/16 15:01	06/22/16 01:04	1
4-Methylphenol	ND		10	0.36	ug/L		06/20/16 15:01	06/22/16 01:04	1
4-Nitroaniline	ND		10	0.25	ug/L		06/20/16 15:01	06/22/16 01:04	1
4-Nitrophenol	ND		10	1.5	ug/L		06/20/16 15:01	06/22/16 01:04	1
Acenaphthene	1.1	J	5.0	0.41	ug/L		06/20/16 15:01	06/22/16 01:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/20/16 15:01	06/22/16 01:04	1
Anthracene	ND		5.0	0.28	ug/L		06/20/16 15:01	06/22/16 01:04	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/20/16 15:01	06/22/16 01:04	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/20/16 15:01	06/22/16 01:04	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/20/16 15:01	06/22/16 01:04	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/20/16 15:01	06/22/16 01:04	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/20/16 15:01	06/22/16 01:04	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/20/16 15:01	06/22/16 01:04	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/20/16 15:01	06/22/16 01:04	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/20/16 15:01	06/22/16 01:04	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/20/16 15:01	06/22/16 01:04	1
Carbazole	1.4	J	5.0	0.30	ug/L		06/20/16 15:01	06/22/16 01:04	1
Chrysene	ND		5.0	0.33	ug/L		06/20/16 15:01	06/22/16 01:04	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/20/16 15:01	06/22/16 01:04	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/20/16 15:01	06/22/16 01:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/20/16 15:01	06/22/16 01:04	1
Dibenzofuran	ND		10	0.51	ug/L		06/20/16 15:01	06/22/16 01:04	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/20/16 15:01	06/22/16 01:04	1
Dimethyl phthalate	3.9	J	5.0	0.36	ug/L		06/20/16 15:01	06/22/16 01:04	1
Fluoranthene	ND		5.0	0.40	ug/L		06/20/16 15:01	06/22/16 01:04	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-3

Lab Sample ID: 480-101880-4

Date Collected: 06/17/16 14:55

Matrix: Water

Date Received: 06/17/16 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.71	J	5.0	0.36	ug/L		06/20/16 15:01	06/22/16 01:04	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/20/16 15:01	06/22/16 01:04	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/20/16 15:01	06/22/16 01:04	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/20/16 15:01	06/22/16 01:04	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/20/16 15:01	06/22/16 01:04	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/20/16 15:01	06/22/16 01:04	1
Isophorone	ND		5.0	0.43	ug/L		06/20/16 15:01	06/22/16 01:04	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/20/16 15:01	06/22/16 01:04	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/20/16 15:01	06/22/16 01:04	1
Naphthalene	ND		5.0	0.76	ug/L		06/20/16 15:01	06/22/16 01:04	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/20/16 15:01	06/22/16 01:04	1
Pentachlorophenol	ND		10	2.2	ug/L		06/20/16 15:01	06/22/16 01:04	1
Phenanthrene	0.59	J	5.0	0.44	ug/L		06/20/16 15:01	06/22/16 01:04	1
Phenol	ND		5.0	0.39	ug/L		06/20/16 15:01	06/22/16 01:04	1
Pyrene	ND		5.0	0.34	ug/L		06/20/16 15:01	06/22/16 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	104		52 - 132				06/20/16 15:01	06/22/16 01:04	1
<i>2-Fluorobiphenyl</i>	97		48 - 120				06/20/16 15:01	06/22/16 01:04	1
<i>2-Fluorophenol</i>	78		20 - 120				06/20/16 15:01	06/22/16 01:04	1
<i>Nitrobenzene-d5</i>	96		46 - 120				06/20/16 15:01	06/22/16 01:04	1
<i>p-Terphenyl-d14</i>	105		67 - 150				06/20/16 15:01	06/22/16 01:04	1
<i>Phenol-d5</i>	54		16 - 120				06/20/16 15:01	06/22/16 01:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.51	0.094	ug/L		06/20/16 15:08	06/21/16 21:49	10
4,4'-DDE	ND		0.51	0.12	ug/L		06/20/16 15:08	06/21/16 21:49	10
4,4'-DDT	ND		0.51	0.11	ug/L		06/20/16 15:08	06/21/16 21:49	10
Aldrin	ND		0.51	0.083	ug/L		06/20/16 15:08	06/21/16 21:49	10
alpha-BHC	ND		0.51	0.079	ug/L		06/20/16 15:08	06/21/16 21:49	10
alpha-Chlordane	ND		0.51	0.15	ug/L		06/20/16 15:08	06/21/16 21:49	10
beta-BHC	ND		0.51	0.25	ug/L		06/20/16 15:08	06/21/16 21:49	10
delta-BHC	ND		0.51	0.10	ug/L		06/20/16 15:08	06/21/16 21:49	10
Dieldrin	ND		0.51	0.10	ug/L		06/20/16 15:08	06/21/16 21:49	10
Endosulfan I	ND		0.51	0.11	ug/L		06/20/16 15:08	06/21/16 21:49	10
Endosulfan II	ND		0.51	0.12	ug/L		06/20/16 15:08	06/21/16 21:49	10
Endosulfan sulfate	ND		0.51	0.16	ug/L		06/20/16 15:08	06/21/16 21:49	10
Endrin	ND		0.51	0.14	ug/L		06/20/16 15:08	06/21/16 21:49	10
Endrin aldehyde	ND		0.51	0.17	ug/L		06/20/16 15:08	06/21/16 21:49	10
Endrin ketone	ND		0.51	0.12	ug/L		06/20/16 15:08	06/21/16 21:49	10
gamma-BHC (Lindane)	ND		0.51	0.082	ug/L		06/20/16 15:08	06/21/16 21:49	10
gamma-Chlordane	ND		0.51	0.11	ug/L		06/20/16 15:08	06/21/16 21:49	10
Heptachlor	ND		0.51	0.087	ug/L		06/20/16 15:08	06/21/16 21:49	10
Heptachlor epoxide	ND		0.51	0.076	ug/L		06/20/16 15:08	06/21/16 21:49	10
Methoxychlor	5.2		0.51	0.14	ug/L		06/20/16 15:08	06/21/16 21:49	10
Toxaphene	ND		5.1	1.2	ug/L		06/20/16 15:08	06/21/16 21:49	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl</i>	89		20 - 120				06/20/16 15:08	06/21/16 21:49	10

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-3

Lab Sample ID: 480-101880-4

Date Collected: 06/17/16 14:55

Matrix: Water

Date Received: 06/17/16 15:55

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	136	X	36 - 120	06/20/16 15:08	06/21/16 21:49	10

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		06/20/16 08:05	06/21/16 07:03	1
PCB-1221	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 07:03	1
PCB-1232	4.2		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 07:03	1
PCB-1242	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 07:03	1
PCB-1248	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 07:03	1
PCB-1254	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 07:03	1
PCB-1260	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 07:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		19 - 125	06/20/16 08:05	06/21/16 07:03	1
Tetrachloro-m-xylene	74		24 - 137	06/20/16 08:05	06/21/16 07:03	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/18/16 11:30	06/22/16 16:34	1
Antimony	ND		0.020	0.0068	mg/L		06/18/16 11:30	06/22/16 16:34	1
Arsenic	0.0070	J	0.010	0.0056	mg/L		06/18/16 11:30	06/22/16 16:34	1
Barium	0.093		0.0020	0.00070	mg/L		06/18/16 11:30	06/22/16 16:34	1
Beryllium	ND		0.0020	0.00030	mg/L		06/18/16 11:30	06/22/16 16:34	1
Cadmium	ND		0.0010	0.00050	mg/L		06/18/16 11:30	06/22/16 16:34	1
Calcium	212	B	0.50	0.10	mg/L		06/18/16 11:30	06/22/16 16:34	1
Chromium	ND		0.0040	0.0010	mg/L		06/18/16 11:30	06/22/16 16:34	1
Cobalt	ND		0.0040	0.00063	mg/L		06/18/16 11:30	06/22/16 16:34	1
Copper	0.0044	J	0.010	0.0016	mg/L		06/18/16 11:30	06/22/16 16:34	1
Iron	0.48		0.050	0.019	mg/L		06/18/16 11:30	06/22/16 16:34	1
Lead	ND		0.0050	0.0030	mg/L		06/18/16 11:30	06/22/16 16:34	1
Magnesium	3.7		0.20	0.043	mg/L		06/18/16 11:30	06/22/16 16:34	1
Manganese	0.18		0.0030	0.00040	mg/L		06/18/16 11:30	06/22/16 16:34	1
Nickel	0.0020	J	0.010	0.0013	mg/L		06/18/16 11:30	06/22/16 16:34	1
Potassium	89.3		0.50	0.10	mg/L		06/18/16 11:30	06/22/16 16:34	1
Selenium	ND		0.015	0.0087	mg/L		06/18/16 11:30	06/22/16 16:34	1
Silver	ND		0.0030	0.0017	mg/L		06/18/16 11:30	06/22/16 16:34	1
Sodium	91.9		1.0	0.32	mg/L		06/18/16 11:30	06/22/16 16:34	1
Thallium	ND		0.020	0.010	mg/L		06/18/16 11:30	06/22/16 16:34	1
Vanadium	0.0035	J	0.0050	0.0015	mg/L		06/18/16 11:30	06/22/16 16:34	1
Zinc	0.025	B	0.010	0.0015	mg/L		06/18/16 11:30	06/22/16 16:34	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		06/22/16 10:06	06/22/16 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		06/26/16 09:00	06/27/16 10:28	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-4

Lab Sample ID: 480-101880-5

Date Collected: 06/17/16 15:15

Matrix: Water

Date Received: 06/17/16 15:55

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			06/25/16 05:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/16 05:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/16 05:03	1
1,1-Dichloroethane	1.2		1.0	0.38	ug/L			06/25/16 05:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/16 05:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/16 05:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/16 05:03	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/16 05:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/16 05:03	1
1,2-Dichloroethene, Total	3.3		2.0	0.81	ug/L			06/25/16 05:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/16 05:03	1
Acetone	ND		10	3.0	ug/L			06/25/16 05:03	1
Benzene	1.4		1.0	0.41	ug/L			06/25/16 05:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/16 05:03	1
Bromoform	ND		1.0	0.26	ug/L			06/25/16 05:03	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/16 05:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/16 05:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/16 05:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/16 05:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/16 05:03	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/16 05:03	1
Chloroform	ND		1.0	0.34	ug/L			06/25/16 05:03	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/16 05:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/16 05:03	1
Ethylbenzene	1.6		1.0	0.74	ug/L			06/25/16 05:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/25/16 05:03	1
Styrene	ND		1.0	0.73	ug/L			06/25/16 05:03	1
Tetrachloroethene	0.36 J		1.0	0.36	ug/L			06/25/16 05:03	1
Toluene	1.1		1.0	0.51	ug/L			06/25/16 05:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/16 05:03	1
Trichloroethene	0.77 J		1.0	0.46	ug/L			06/25/16 05:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/16 05:03	1
Xylenes, Total	10		2.0	0.66	ug/L			06/25/16 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		06/25/16 05:03	1
Toluene-d8 (Surr)	96		71 - 126		06/25/16 05:03	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/25/16 05:03	1
Dibromofluoromethane (Surr)	107		60 - 140		06/25/16 05:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		06/20/16 15:01	06/22/16 13:39	1
1,2,4-Trichlorobenzene	ND		9.5	0.42	ug/L		06/20/16 15:01	06/22/16 13:39	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		06/20/16 15:01	06/22/16 13:39	1
1,2-Dichlorobenzene	ND		9.5	0.38	ug/L		06/20/16 15:01	06/22/16 13:39	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		06/20/16 15:01	06/22/16 13:39	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		06/20/16 15:01	06/22/16 13:39	1
2,4-Dimethylphenol	32		4.8	0.48	ug/L		06/20/16 15:01	06/22/16 13:39	1
1,3-Dichlorobenzene	ND		9.5	0.46	ug/L		06/20/16 15:01	06/22/16 13:39	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-4

Lab Sample ID: 480-101880-5

Date Collected: 06/17/16 15:15

Matrix: Water

Date Received: 06/17/16 15:55

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		06/20/16 15:01	06/22/16 13:39	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		06/20/16 15:01	06/22/16 13:39	1
1,4-Dichlorobenzene	ND		9.5	0.44	ug/L		06/20/16 15:01	06/22/16 13:39	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 13:39	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		06/20/16 15:01	06/22/16 13:39	1
2-Chlorophenol	ND		4.8	0.51	ug/L		06/20/16 15:01	06/22/16 13:39	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		06/20/16 15:01	06/22/16 13:39	1
2-Methylphenol	12		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 13:39	1
2-Nitroaniline	ND		9.5	0.40	ug/L		06/20/16 15:01	06/22/16 13:39	1
2-Nitrophenol	ND		4.8	0.46	ug/L		06/20/16 15:01	06/22/16 13:39	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 13:39	1
3-Nitroaniline	ND		9.5	0.46	ug/L		06/20/16 15:01	06/22/16 13:39	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		06/20/16 15:01	06/22/16 13:39	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		06/20/16 15:01	06/22/16 13:39	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		06/20/16 15:01	06/22/16 13:39	1
4-Chloroaniline	ND		4.8	0.56	ug/L		06/20/16 15:01	06/22/16 13:39	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		06/20/16 15:01	06/22/16 13:39	1
4-Methylphenol	27		9.5	0.34	ug/L		06/20/16 15:01	06/22/16 13:39	1
4-Nitroaniline	ND		9.5	0.24	ug/L		06/20/16 15:01	06/22/16 13:39	1
4-Nitrophenol	ND		9.5	1.4	ug/L		06/20/16 15:01	06/22/16 13:39	1
Acenaphthene	0.47 J		4.8	0.39	ug/L		06/20/16 15:01	06/22/16 13:39	1
Acenaphthylene	ND		4.8	0.36	ug/L		06/20/16 15:01	06/22/16 13:39	1
Anthracene	ND		4.8	0.27	ug/L		06/20/16 15:01	06/22/16 13:39	1
Benzo[a]anthracene	ND		4.8	0.34	ug/L		06/20/16 15:01	06/22/16 13:39	1
Benzo[a]pyrene	ND		4.8	0.45	ug/L		06/20/16 15:01	06/22/16 13:39	1
Benzo[b]fluoranthene	ND		4.8	0.32	ug/L		06/20/16 15:01	06/22/16 13:39	1
Benzo[g,h,i]perylene	ND		4.8	0.33	ug/L		06/20/16 15:01	06/22/16 13:39	1
Benzo[k]fluoranthene	ND		4.8	0.70	ug/L		06/20/16 15:01	06/22/16 13:39	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		06/20/16 15:01	06/22/16 13:39	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 13:39	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		06/20/16 15:01	06/22/16 13:39	1
Butyl benzyl phthalate	ND		4.8	0.95	ug/L		06/20/16 15:01	06/22/16 13:39	1
Carbazole	0.34 J		4.8	0.29	ug/L		06/20/16 15:01	06/22/16 13:39	1
Chrysene	ND		4.8	0.31	ug/L		06/20/16 15:01	06/22/16 13:39	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		06/20/16 15:01	06/22/16 13:39	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		06/20/16 15:01	06/22/16 13:39	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		06/20/16 15:01	06/22/16 13:39	1
Dibenzofuran	ND		9.5	0.49	ug/L		06/20/16 15:01	06/22/16 13:39	1
Diethyl phthalate	ND		4.8	0.21	ug/L		06/20/16 15:01	06/22/16 13:39	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		06/20/16 15:01	06/22/16 13:39	1
Fluoranthene	ND		4.8	0.38	ug/L		06/20/16 15:01	06/22/16 13:39	1
Fluorene	0.42 J		4.8	0.34	ug/L		06/20/16 15:01	06/22/16 13:39	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		06/20/16 15:01	06/22/16 13:39	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		06/20/16 15:01	06/22/16 13:39	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		06/20/16 15:01	06/22/16 13:39	1
Hexachloroethane	ND		4.8	0.56	ug/L		06/20/16 15:01	06/22/16 13:39	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.45	ug/L		06/20/16 15:01	06/22/16 13:39	1
Isophorone	ND		4.8	0.41	ug/L		06/20/16 15:01	06/22/16 13:39	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		06/20/16 15:01	06/22/16 13:39	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-4

Lab Sample ID: 480-101880-5

Date Collected: 06/17/16 15:15

Matrix: Water

Date Received: 06/17/16 15:55

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		06/20/16 15:01	06/22/16 13:39	1
Naphthalene	3.6	J	4.8	0.72	ug/L		06/20/16 15:01	06/22/16 13:39	1
Nitrobenzene	ND		4.8	0.28	ug/L		06/20/16 15:01	06/22/16 13:39	1
Pentachlorophenol	ND		9.5	2.1	ug/L		06/20/16 15:01	06/22/16 13:39	1
Phenanthrene	0.71	J	4.8	0.42	ug/L		06/20/16 15:01	06/22/16 13:39	1
Phenol	ND		4.8	0.37	ug/L		06/20/16 15:01	06/22/16 13:39	1
Pyrene	ND		4.8	0.32	ug/L		06/20/16 15:01	06/22/16 13:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 132				06/20/16 15:01	06/22/16 13:39	1
2-Fluorobiphenyl	90		48 - 120				06/20/16 15:01	06/22/16 13:39	1
2-Fluorophenol	71		20 - 120				06/20/16 15:01	06/22/16 13:39	1
Nitrobenzene-d5	85		46 - 120				06/20/16 15:01	06/22/16 13:39	1
p-Terphenyl-d14	105		67 - 150				06/20/16 15:01	06/22/16 13:39	1
Phenol-d5	49		16 - 120				06/20/16 15:01	06/22/16 13:39	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		06/20/16 15:08	06/21/16 22:08	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/20/16 15:08	06/21/16 22:08	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/20/16 15:08	06/21/16 22:08	1
Aldrin	ND		0.049	0.0079	ug/L		06/20/16 15:08	06/21/16 22:08	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/20/16 15:08	06/21/16 22:08	1
alpha-Chlordane	ND		0.049	0.015	ug/L		06/20/16 15:08	06/21/16 22:08	1
beta-BHC	ND		0.049	0.024	ug/L		06/20/16 15:08	06/21/16 22:08	1
delta-BHC	0.014	J	0.049	0.0098	ug/L		06/20/16 15:08	06/21/16 22:08	1
Dieldrin	ND		0.049	0.0096	ug/L		06/20/16 15:08	06/21/16 22:08	1
Endosulfan I	ND		0.049	0.011	ug/L		06/20/16 15:08	06/21/16 22:08	1
Endosulfan II	ND		0.049	0.012	ug/L		06/20/16 15:08	06/21/16 22:08	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/20/16 15:08	06/21/16 22:08	1
Endrin	ND		0.049	0.014	ug/L		06/20/16 15:08	06/21/16 22:08	1
Endrin aldehyde	ND		0.049	0.016	ug/L		06/20/16 15:08	06/21/16 22:08	1
Endrin ketone	ND		0.049	0.012	ug/L		06/20/16 15:08	06/21/16 22:08	1
gamma-BHC (Lindane)	0.019	J	0.049	0.0078	ug/L		06/20/16 15:08	06/21/16 22:08	1
gamma-Chlordane	ND		0.049	0.011	ug/L		06/20/16 15:08	06/21/16 22:08	1
Heptachlor	ND		0.049	0.0083	ug/L		06/20/16 15:08	06/21/16 22:08	1
Heptachlor epoxide	ND		0.049	0.0073	ug/L		06/20/16 15:08	06/21/16 22:08	1
Methoxychlor	ND		0.049	0.014	ug/L		06/20/16 15:08	06/21/16 22:08	1
Toxaphene	ND		0.49	0.12	ug/L		06/20/16 15:08	06/21/16 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		20 - 120				06/20/16 15:08	06/21/16 22:08	1
Tetrachloro-m-xylene	83		36 - 120				06/20/16 15:08	06/21/16 22:08	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		06/20/16 08:05	06/21/16 07:22	1
PCB-1221	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 07:22	1
PCB-1232	0.79		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 07:22	1
PCB-1242	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 07:22	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-4

Lab Sample ID: 480-101880-5

Date Collected: 06/17/16 15:15

Matrix: Water

Date Received: 06/17/16 15:55

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		06/20/16 08:05	06/21/16 07:22	1
PCB-1254	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 07:22	1
PCB-1260	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 07:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		19 - 125				06/20/16 08:05	06/21/16 07:22	1
Tetrachloro-m-xylene	96		24 - 137				06/20/16 08:05	06/21/16 07:22	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.35		0.20	0.060	mg/L		06/18/16 11:30	06/22/16 16:38	1
Antimony	ND		0.020	0.0068	mg/L		06/18/16 11:30	06/22/16 16:38	1
Arsenic	ND		0.010	0.0056	mg/L		06/18/16 11:30	06/22/16 16:38	1
Barium	0.045		0.0020	0.00070	mg/L		06/18/16 11:30	06/22/16 16:38	1
Beryllium	ND		0.0020	0.00030	mg/L		06/18/16 11:30	06/22/16 16:38	1
Cadmium	ND		0.0010	0.00050	mg/L		06/18/16 11:30	06/22/16 16:38	1
Calcium	70.0	B	0.50	0.10	mg/L		06/18/16 11:30	06/22/16 16:38	1
Chromium	ND		0.0040	0.0010	mg/L		06/18/16 11:30	06/22/16 16:38	1
Cobalt	ND		0.0040	0.00063	mg/L		06/18/16 11:30	06/22/16 16:38	1
Copper	ND		0.010	0.0016	mg/L		06/18/16 11:30	06/22/16 16:38	1
Iron	0.20		0.050	0.019	mg/L		06/18/16 11:30	06/22/16 16:38	1
Lead	ND		0.0050	0.0030	mg/L		06/18/16 11:30	06/22/16 16:38	1
Magnesium	0.31		0.20	0.043	mg/L		06/18/16 11:30	06/22/16 16:38	1
Manganese	0.0097		0.0030	0.00040	mg/L		06/18/16 11:30	06/22/16 16:38	1
Nickel	0.0016	J	0.010	0.0013	mg/L		06/18/16 11:30	06/22/16 16:38	1
Potassium	57.4		0.50	0.10	mg/L		06/18/16 11:30	06/22/16 16:38	1
Selenium	ND		0.015	0.0087	mg/L		06/18/16 11:30	06/22/16 16:38	1
Silver	ND		0.0030	0.0017	mg/L		06/18/16 11:30	06/22/16 16:38	1
Sodium	116		1.0	0.32	mg/L		06/18/16 11:30	06/22/16 16:38	1
Thallium	ND		0.020	0.010	mg/L		06/18/16 11:30	06/22/16 16:38	1
Vanadium	0.0077		0.0050	0.0015	mg/L		06/18/16 11:30	06/22/16 16:38	1
Zinc	0.0088	J B	0.010	0.0015	mg/L		06/18/16 11:30	06/22/16 16:38	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		06/22/16 10:06	06/22/16 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.053		0.010	0.0050	mg/L		06/26/16 09:00	06/27/16 10:29	1

Surrogate Summary

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

TestAmerica Job ID: 480-101880-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	TOL (71-126)	BFB (73-120)	DBFM (60-140)
480-101880-1	RW-4	109	97	94	113
480-101880-2	RW-5	111	97	95	113
480-101880-3	S-2	112	94	91	113
480-101880-4	S-3	108	95	92	111
480-101880-5	S-4	108	96	99	107
LB 480-306720/1-A	Method Blank	105	95	96	109
LCS 480-308449/4	Lab Control Sample	100	102	101	98
MB 480-308449/6	Method Blank	105	97	94	107

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)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
480-101880-1	RW-4	95	82	68	86	94	47
480-101880-2	RW-5	84	84	71	86	88	49
480-101880-3	S-2	97	89	76	92	108	50
480-101880-4	S-3	104	97	78	96	105	54
480-101880-5	S-4	93	90	71	85	105	49
LCS 480-307578/2-A	Lab Control Sample	96	89	73	91	102	58
MB 480-307578/1-A	Method Blank	67	72	61	76	90	44

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)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
480-101880-3	S-2	116	89
480-101880-4	S-3	89	136 X
480-101880-5	S-4	98	83
LCS 480-307581/2-A	Lab Control Sample	55	70
MB 480-307581/1-A	Method Blank	74	74

Surrogate Legend

TestAmerica Buffalo

Surrogate Summary

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

TestAmerica Job ID: 480-101880-1

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)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(19-125)	(24-137)
480-101880-1	RW-4	46	92
480-101880-2	RW-5	57	90
480-101880-3	S-2	59	85
480-101880-4	S-3	46	74
480-101880-5	S-4	59	96
LCS 480-307461/2-A	Lab Control Sample	46	67
MB 480-307461/1-A	Method Blank	63	87

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: LB 480-306720/1-A

Matrix: Water

Analysis Batch: 308449

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/25/16 00:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/16 00:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/16 00:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/25/16 00:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/16 00:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/16 00:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/16 00:25	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/16 00:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/16 00:25	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/25/16 00:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/16 00:25	1
Acetone	ND		10	3.0	ug/L			06/25/16 00:25	1
Benzene	ND		1.0	0.41	ug/L			06/25/16 00:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/16 00:25	1
Bromoform	ND		1.0	0.26	ug/L			06/25/16 00:25	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/16 00:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/16 00:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/16 00:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/16 00:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/16 00:25	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/16 00:25	1
Chloroform	ND		1.0	0.34	ug/L			06/25/16 00:25	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/16 00:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/16 00:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/25/16 00:25	1
Methylene Chloride	8.74		1.0	0.44	ug/L			06/25/16 00:25	1
Styrene	ND		1.0	0.73	ug/L			06/25/16 00:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/25/16 00:25	1
Toluene	ND		1.0	0.51	ug/L			06/25/16 00:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/16 00:25	1
Trichloroethene	ND		1.0	0.46	ug/L			06/25/16 00:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/16 00:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/25/16 00:25	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		06/25/16 00:25	1
Toluene-d8 (Surr)	95		71 - 126		06/25/16 00:25	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/25/16 00:25	1
Dibromofluoromethane (Surr)	109		60 - 140		06/25/16 00:25	1

Lab Sample ID: MB 480-308449/6

Matrix: Water

Analysis Batch: 308449

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			06/24/16 22:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/16 22:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/16 22:36	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: MB 480-308449/6

Matrix: Water

Analysis Batch: 308449

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/16 22:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/16 22:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/16 22:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/16 22:36	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/16 22:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/16 22:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/24/16 22:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/16 22:36	1
Acetone	ND		10	3.0	ug/L			06/24/16 22:36	1
Benzene	ND		1.0	0.41	ug/L			06/24/16 22:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/16 22:36	1
Bromoform	ND		1.0	0.26	ug/L			06/24/16 22:36	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/16 22:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/16 22:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/16 22:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/16 22:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/16 22:36	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/16 22:36	1
Chloroform	ND		1.0	0.34	ug/L			06/24/16 22:36	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/16 22:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/16 22:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/16 22:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/16 22:36	1
Styrene	ND		1.0	0.73	ug/L			06/24/16 22:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/16 22:36	1
Toluene	ND		1.0	0.51	ug/L			06/24/16 22:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/16 22:36	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/16 22:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/16 22:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/16 22:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		06/24/16 22:36	1
Toluene-d8 (Surr)	97		71 - 126		06/24/16 22:36	1
4-Bromofluorobenzene (Surr)	94		73 - 120		06/24/16 22:36	1
Dibromofluoromethane (Surr)	107		60 - 140		06/24/16 22:36	1

Lab Sample ID: LCS 480-308449/4

Matrix: Water

Analysis Batch: 308449

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.2		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		101	70 - 126
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	23.6		ug/L		94	71 - 129
1,1-Dichloroethene	25.0	23.4		ug/L		94	58 - 121
1,2-Dichloroethane	25.0	22.9		ug/L		92	75 - 127

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: LCS 480-308449/4

Matrix: Water

Analysis Batch: 308449

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
2-Hexanone	125	136		ug/L		109	65 - 127
2-Butanone (MEK)	125	121		ug/L		97	57 - 140
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122
Bromoform	25.0	26.5		ug/L		106	52 - 132
Bromomethane	25.0	25.5		ug/L		102	55 - 144
Carbon disulfide	25.0	25.9		ug/L		104	59 - 134
Carbon tetrachloride	25.0	24.2		ug/L		97	72 - 134
Chlorobenzene	25.0	24.1		ug/L		97	72 - 120
Dibromochloromethane	25.0	25.5		ug/L		102	75 - 125
Chloroethane	25.0	25.9		ug/L		104	69 - 136
Chloroform	25.0	23.1		ug/L		92	73 - 127
Chloromethane	25.0	21.4		ug/L		86	68 - 124
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	74 - 124
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123
Methylene Chloride	25.0	25.2		ug/L		101	57 - 132
Styrene	25.0	28.1		ug/L		112	70 - 130
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
Toluene	25.0	25.1		ug/L		100	80 - 122
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	72 - 123
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Vinyl chloride	25.0	20.6		ug/L		83	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	98		60 - 140

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

Lab Sample ID: MB 480-307578/1-A

Matrix: Water

Analysis Batch: 307744

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/20/16 15:01	06/21/16 18:52	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		06/20/16 15:01	06/21/16 18:52	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/20/16 15:01	06/21/16 18:52	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		06/20/16 15:01	06/21/16 18:52	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/20/16 15:01	06/21/16 18:52	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/20/16 15:01	06/21/16 18:52	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/20/16 15:01	06/21/16 18:52	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		06/20/16 15:01	06/21/16 18:52	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/20/16 15:01	06/21/16 18:52	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: MB 480-307578/1-A

Matrix: Water

Analysis Batch: 307744

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307578

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/20/16 15:01	06/21/16 18:52	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		06/20/16 15:01	06/21/16 18:52	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/20/16 15:01	06/21/16 18:52	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/20/16 15:01	06/21/16 18:52	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/20/16 15:01	06/21/16 18:52	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/20/16 15:01	06/21/16 18:52	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/20/16 15:01	06/21/16 18:52	1
2-Nitroaniline	ND		10	0.42	ug/L		06/20/16 15:01	06/21/16 18:52	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/20/16 15:01	06/21/16 18:52	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/20/16 15:01	06/21/16 18:52	1
3-Nitroaniline	ND		10	0.48	ug/L		06/20/16 15:01	06/21/16 18:52	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/20/16 15:01	06/21/16 18:52	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/20/16 15:01	06/21/16 18:52	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/20/16 15:01	06/21/16 18:52	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/20/16 15:01	06/21/16 18:52	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/20/16 15:01	06/21/16 18:52	1
4-Methylphenol	ND		10	0.36	ug/L		06/20/16 15:01	06/21/16 18:52	1
4-Nitroaniline	ND		10	0.25	ug/L		06/20/16 15:01	06/21/16 18:52	1
4-Nitrophenol	ND		10	1.5	ug/L		06/20/16 15:01	06/21/16 18:52	1
Acenaphthene	ND		5.0	0.41	ug/L		06/20/16 15:01	06/21/16 18:52	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/20/16 15:01	06/21/16 18:52	1
Anthracene	ND		5.0	0.28	ug/L		06/20/16 15:01	06/21/16 18:52	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/20/16 15:01	06/21/16 18:52	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/20/16 15:01	06/21/16 18:52	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/20/16 15:01	06/21/16 18:52	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/20/16 15:01	06/21/16 18:52	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/20/16 15:01	06/21/16 18:52	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/20/16 15:01	06/21/16 18:52	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/20/16 15:01	06/21/16 18:52	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/20/16 15:01	06/21/16 18:52	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/20/16 15:01	06/21/16 18:52	1
Carbazole	ND		5.0	0.30	ug/L		06/20/16 15:01	06/21/16 18:52	1
Chrysene	ND		5.0	0.33	ug/L		06/20/16 15:01	06/21/16 18:52	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/20/16 15:01	06/21/16 18:52	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/20/16 15:01	06/21/16 18:52	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/20/16 15:01	06/21/16 18:52	1
Dibenzofuran	ND		10	0.51	ug/L		06/20/16 15:01	06/21/16 18:52	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/20/16 15:01	06/21/16 18:52	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/20/16 15:01	06/21/16 18:52	1
Fluoranthene	ND		5.0	0.40	ug/L		06/20/16 15:01	06/21/16 18:52	1
Fluorene	ND		5.0	0.36	ug/L		06/20/16 15:01	06/21/16 18:52	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/20/16 15:01	06/21/16 18:52	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/20/16 15:01	06/21/16 18:52	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/20/16 15:01	06/21/16 18:52	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/20/16 15:01	06/21/16 18:52	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/20/16 15:01	06/21/16 18:52	1
Isophorone	ND		5.0	0.43	ug/L		06/20/16 15:01	06/21/16 18:52	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/20/16 15:01	06/21/16 18:52	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: MB 480-307578/1-A

Matrix: Water

Analysis Batch: 307744

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/20/16 15:01	06/21/16 18:52	1
Naphthalene	ND		5.0	0.76	ug/L		06/20/16 15:01	06/21/16 18:52	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/20/16 15:01	06/21/16 18:52	1
Pentachlorophenol	ND		10	2.2	ug/L		06/20/16 15:01	06/21/16 18:52	1
Phenanthrene	ND		5.0	0.44	ug/L		06/20/16 15:01	06/21/16 18:52	1
Phenol	ND		5.0	0.39	ug/L		06/20/16 15:01	06/21/16 18:52	1
Pyrene	ND		5.0	0.34	ug/L		06/20/16 15:01	06/21/16 18:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		52 - 132	06/20/16 15:01	06/21/16 18:52	1
2-Fluorobiphenyl	72		48 - 120	06/20/16 15:01	06/21/16 18:52	1
2-Fluorophenol	61		20 - 120	06/20/16 15:01	06/21/16 18:52	1
Nitrobenzene-d5	76		46 - 120	06/20/16 15:01	06/21/16 18:52	1
p-Terphenyl-d14	90		67 - 150	06/20/16 15:01	06/21/16 18:52	1
Phenol-d5	44		16 - 120	06/20/16 15:01	06/21/16 18:52	1

Lab Sample ID: LCS 480-307578/2-A

Matrix: Water

Analysis Batch: 307744

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	16.0	13.7		ug/L		85	28 - 136
1,2,4-Trichlorobenzene	16.0	14.2		ug/L		89	40 - 120
2,4,5-Trichlorophenol	16.0	15.4		ug/L		96	65 - 126
1,2-Dichlorobenzene	16.0	12.6		ug/L		79	33 - 120
2,4,6-Trichlorophenol	16.0	15.1		ug/L		95	64 - 120
2,4-Dichlorophenol	16.0	13.5		ug/L		85	64 - 120
2,4-Dimethylphenol	16.0	14.3		ug/L		89	57 - 120
1,3-Dichlorobenzene	16.0	12.5		ug/L		78	28 - 120
2,4-Dinitrophenol	32.0	21.8		ug/L		68	42 - 153
2,4-Dinitrotoluene	16.0	15.9		ug/L		100	65 - 154
1,4-Dichlorobenzene	16.0	12.4		ug/L		78	32 - 120
2,6-Dinitrotoluene	16.0	14.7		ug/L		92	74 - 134
2-Chloronaphthalene	16.0	14.2		ug/L		89	41 - 124
2-Chlorophenol	16.0	13.3		ug/L		83	48 - 120
2-Methylnaphthalene	16.0	14.2		ug/L		89	34 - 122
2-Methylphenol	16.0	13.8		ug/L		86	39 - 120
2-Nitroaniline	16.0	14.2		ug/L		89	67 - 136
2-Nitrophenol	16.0	14.9		ug/L		93	59 - 120
3,3'-Dichlorobenzidine	32.0	34.7		ug/L		109	33 - 140
3-Nitroaniline	16.0	14.2		ug/L		89	28 - 130
4,6-Dinitro-2-methylphenol	32.0	28.3		ug/L		88	64 - 159
4-Bromophenyl phenyl ether	16.0	14.6		ug/L		91	71 - 126
4-Chloro-3-methylphenol	16.0	15.2		ug/L		95	64 - 120
4-Chloroaniline	16.0	10.4		ug/L		65	10 - 130
4-Chlorophenyl phenyl ether	16.0	14.9		ug/L		93	71 - 122
4-Methylphenol	16.0	12.9		ug/L		81	39 - 120
4-Nitroaniline	16.0	13.7		ug/L		86	47 - 130

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: LCS 480-307578/2-A

Matrix: Water

Analysis Batch: 307744

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitrophenol	32.0	24.4		ug/L		76	16 - 120
Acenaphthene	16.0	13.5		ug/L		84	60 - 120
Acenaphthylene	16.0	13.8		ug/L		86	63 - 120
Anthracene	16.0	14.4		ug/L		90	58 - 148
Benzo[a]anthracene	16.0	15.8		ug/L		98	55 - 151
Benzo[a]pyrene	16.0	16.0		ug/L		100	60 - 145
Benzo[b]fluoranthene	16.0	16.9		ug/L		106	54 - 140
Benzo[g,h,i]perylene	16.0	17.0		ug/L		106	66 - 152
Benzo[k]fluoranthene	16.0	16.9		ug/L		105	51 - 153
Bis(2-chloroethoxy)methane	16.0	14.2		ug/L		89	50 - 128
Bis(2-chloroethyl)ether	16.0	13.5		ug/L		84	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	15.8		ug/L		98	53 - 158
Butyl benzyl phthalate	16.0	16.2		ug/L		101	58 - 163
Carbazole	16.0	16.2		ug/L		101	59 - 148
Chrysene	16.0	15.3		ug/L		96	69 - 140
Di-n-butyl phthalate	16.0	16.0		ug/L		100	58 - 149
Di-n-octyl phthalate	16.0	14.7		ug/L		92	55 - 167
Dibenz(a,h)anthracene	16.0	17.5		ug/L		110	57 - 148
Dibenzofuran	16.0	14.5		ug/L		90	49 - 137
Diethyl phthalate	16.0	15.1		ug/L		94	59 - 146
Dimethyl phthalate	16.0	15.5		ug/L		97	59 - 141
Fluoranthene	16.0	16.2		ug/L		101	55 - 147
Fluorene	16.0	15.0		ug/L		94	55 - 143
Hexachlorobenzene	16.0	14.8		ug/L		92	14 - 130
Hexachlorobutadiene	16.0	13.5		ug/L		85	14 - 130
Hexachlorocyclopentadiene	16.0	9.86		ug/L		62	13 - 130
Hexachloroethane	16.0	12.7		ug/L		79	14 - 130
Indeno[1,2,3-cd]pyrene	16.0	17.5		ug/L		109	69 - 146
Isophorone	16.0	15.3		ug/L		96	48 - 133
N-Nitrosodi-n-propylamine	16.0	14.1		ug/L		88	56 - 120
N-Nitrosodiphenylamine	16.0	13.9		ug/L		87	25 - 125
Naphthalene	16.0	13.8		ug/L		86	35 - 130
Nitrobenzene	16.0	14.7		ug/L		92	45 - 123
Pentachlorophenol	32.0	36.9		ug/L		115	39 - 136
Phenanthrene	16.0	14.8		ug/L		93	57 - 147
Phenol	16.0	9.57		ug/L		60	17 - 120
Pyrene	16.0	15.1		ug/L		94	58 - 136

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol	73		20 - 120
Nitrobenzene-d5	91		46 - 120
p-Terphenyl-d14	102		67 - 150
Phenol-d5	58		16 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-307581/1-A

Matrix: Water

Analysis Batch: 307733

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		06/20/16 15:08	06/21/16 18:32	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/20/16 15:08	06/21/16 18:32	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/20/16 15:08	06/21/16 18:32	1
Aldrin	ND		0.050	0.0081	ug/L		06/20/16 15:08	06/21/16 18:32	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/20/16 15:08	06/21/16 18:32	1
alpha-Chlordane	ND		0.050	0.015	ug/L		06/20/16 15:08	06/21/16 18:32	1
beta-BHC	ND		0.050	0.025	ug/L		06/20/16 15:08	06/21/16 18:32	1
delta-BHC	ND		0.050	0.010	ug/L		06/20/16 15:08	06/21/16 18:32	1
Dieldrin	ND		0.050	0.0098	ug/L		06/20/16 15:08	06/21/16 18:32	1
Endosulfan I	ND		0.050	0.011	ug/L		06/20/16 15:08	06/21/16 18:32	1
Endosulfan II	ND		0.050	0.012	ug/L		06/20/16 15:08	06/21/16 18:32	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/20/16 15:08	06/21/16 18:32	1
Endrin	ND		0.050	0.014	ug/L		06/20/16 15:08	06/21/16 18:32	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/20/16 15:08	06/21/16 18:32	1
Endrin ketone	ND		0.050	0.012	ug/L		06/20/16 15:08	06/21/16 18:32	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/20/16 15:08	06/21/16 18:32	1
gamma-Chlordane	ND		0.050	0.011	ug/L		06/20/16 15:08	06/21/16 18:32	1
Heptachlor	ND		0.050	0.0085	ug/L		06/20/16 15:08	06/21/16 18:32	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/20/16 15:08	06/21/16 18:32	1
Methoxychlor	ND		0.050	0.014	ug/L		06/20/16 15:08	06/21/16 18:32	1
Toxaphene	ND		0.50	0.12	ug/L		06/20/16 15:08	06/21/16 18:32	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		20 - 120				06/20/16 15:08	06/21/16 18:32	1
Tetrachloro-m-xylene	74		36 - 120				06/20/16 15:08	06/21/16 18:32	1

Lab Sample ID: LCS 480-307581/2-A

Matrix: Water

Analysis Batch: 307733

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.386		ug/L		97	51 - 138
4,4'-DDE	0.400	0.323		ug/L		81	45 - 133
4,4'-DDT	0.400	0.406		ug/L		102	50 - 136
Aldrin	0.400	0.265		ug/L		66	40 - 125
alpha-BHC	0.400	0.292		ug/L		73	52 - 125
alpha-Chlordane	0.400	0.312		ug/L		78	52 - 133
beta-BHC	0.400	0.310		ug/L		77	51 - 135
delta-BHC	0.400	0.323		ug/L		81	51 - 132
Dieldrin	0.400	0.371		ug/L		93	49 - 136
Endosulfan I	0.400	0.336		ug/L		84	51 - 134
Endosulfan II	0.400	0.388		ug/L		97	52 - 138
Endosulfan sulfate	0.400	0.403		ug/L		101	47 - 136
Endrin	0.400	0.389		ug/L		97	52 - 143
Endrin aldehyde	0.400	0.398		ug/L		99	46 - 134
Endrin ketone	0.400	0.419		ug/L		105	51 - 138
gamma-BHC (Lindane)	0.400	0.330		ug/L		83	56 - 127
gamma-Chlordane	0.400	0.315		ug/L		79	52 - 128

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: LCS 480-307581/2-A

Matrix: Water

Analysis Batch: 307733

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor	0.400	0.354		ug/L		88	51 - 125
Heptachlor epoxide	0.400	0.334		ug/L		83	50 - 140
Methoxychlor	0.400	0.517		ug/L		129	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	55		20 - 120
Tetrachloro-m-xylene	70		36 - 120

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

Lab Sample ID: MB 480-307461/1-A

Matrix: Water

Analysis Batch: 307619

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 03:03	1
PCB-1221	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 03:03	1
PCB-1232	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 03:03	1
PCB-1242	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 03:03	1
PCB-1248	ND		0.50	0.18	ug/L		06/20/16 08:05	06/21/16 03:03	1
PCB-1254	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 03:03	1
PCB-1260	ND		0.50	0.25	ug/L		06/20/16 08:05	06/21/16 03:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		19 - 125	06/20/16 08:05	06/21/16 03:03	1
Tetrachloro-m-xylene	87		24 - 137	06/20/16 08:05	06/21/16 03:03	1

Lab Sample ID: LCS 480-307461/2-A

Matrix: Water

Analysis Batch: 307619

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	2.92		ug/L		73	62 - 130
PCB-1260	4.00	2.71		ug/L		68	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	46		19 - 125
Tetrachloro-m-xylene	67		24 - 137

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-307355/1-A

Matrix: Water

Analysis Batch: 308102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307355

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/18/16 11:30	06/22/16 15:13	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: MB 480-307355/1-A

Matrix: Water

Analysis Batch: 308102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307355

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.020	0.0068	mg/L		06/18/16 11:30	06/22/16 15:13	1
Arsenic	ND		0.010	0.0056	mg/L		06/18/16 11:30	06/22/16 15:13	1
Barium	ND		0.0020	0.00070	mg/L		06/18/16 11:30	06/22/16 15:13	1
Beryllium	ND		0.0020	0.00030	mg/L		06/18/16 11:30	06/22/16 15:13	1
Cadmium	ND		0.0010	0.00050	mg/L		06/18/16 11:30	06/22/16 15:13	1
Calcium	0.108	J	0.50	0.10	mg/L		06/18/16 11:30	06/22/16 15:13	1
Chromium	ND		0.0040	0.0010	mg/L		06/18/16 11:30	06/22/16 15:13	1
Cobalt	ND		0.0040	0.00063	mg/L		06/18/16 11:30	06/22/16 15:13	1
Copper	ND		0.010	0.0016	mg/L		06/18/16 11:30	06/22/16 15:13	1
Iron	ND		0.050	0.019	mg/L		06/18/16 11:30	06/22/16 15:13	1
Lead	ND		0.0050	0.0030	mg/L		06/18/16 11:30	06/22/16 15:13	1
Magnesium	ND		0.20	0.043	mg/L		06/18/16 11:30	06/22/16 15:13	1
Manganese	ND		0.0030	0.00040	mg/L		06/18/16 11:30	06/22/16 15:13	1
Nickel	ND		0.010	0.0013	mg/L		06/18/16 11:30	06/22/16 15:13	1
Potassium	ND		0.50	0.10	mg/L		06/18/16 11:30	06/22/16 15:13	1
Selenium	ND		0.015	0.0087	mg/L		06/18/16 11:30	06/22/16 15:13	1
Silver	ND		0.0030	0.0017	mg/L		06/18/16 11:30	06/22/16 15:13	1
Sodium	ND		1.0	0.32	mg/L		06/18/16 11:30	06/22/16 15:13	1
Thallium	ND		0.020	0.010	mg/L		06/18/16 11:30	06/22/16 15:13	1
Vanadium	ND		0.0050	0.0015	mg/L		06/18/16 11:30	06/22/16 15:13	1
Zinc	0.00204	J	0.010	0.0015	mg/L		06/18/16 11:30	06/22/16 15:13	1

Lab Sample ID: LCS 480-307355/2-A

Matrix: Water

Analysis Batch: 308102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Aluminum	10.0	8.51		mg/L		85	80 - 120
Antimony	0.200	0.200		mg/L		100	80 - 120
Arsenic	0.200	0.204		mg/L		102	80 - 120
Barium	0.200	0.180		mg/L		90	80 - 120
Beryllium	0.200	0.201		mg/L		101	80 - 120
Cadmium	0.200	0.209		mg/L		105	80 - 120
Calcium	10.0	9.92		mg/L		99	80 - 120
Chromium	0.200	0.207		mg/L		104	80 - 120
Cobalt	0.200	0.195		mg/L		97	80 - 120
Copper	0.200	0.192		mg/L		96	80 - 120
Iron	10.0	10.50		mg/L		105	80 - 120
Lead	0.200	0.199		mg/L		100	80 - 120
Magnesium	10.0	10.25		mg/L		102	80 - 120
Manganese	0.200	0.206		mg/L		103	80 - 120
Nickel	0.200	0.195		mg/L		98	80 - 120
Potassium	10.0	9.21		mg/L		92	80 - 120
Selenium	0.200	0.206		mg/L		103	80 - 120
Silver	0.0500	0.0492		mg/L		98	80 - 120
Sodium	10.0	9.05		mg/L		90	80 - 120
Thallium	0.200	0.204		mg/L		102	80 - 120
Vanadium	0.200	0.190		mg/L		95	80 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: LCS 480-307355/2-A

Matrix: Water

Analysis Batch: 308102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.196		mg/L		98	80 - 120

Lab Sample ID: 480-101880-5 MS

Matrix: Water

Analysis Batch: 308102

Client Sample ID: S-4

Prep Type: Total/NA

Prep Batch: 307355

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.35		10.0	9.91		mg/L		96	75 - 125
Antimony	ND		0.200	0.202		mg/L		101	75 - 125
Arsenic	ND		0.200	0.210		mg/L		105	75 - 125
Barium	0.045		0.200	0.241		mg/L		98	75 - 125
Beryllium	ND		0.200	0.203		mg/L		101	75 - 125
Cadmium	ND		0.200	0.208		mg/L		104	75 - 125
Calcium	70.0	B	10.0	82.61	4	mg/L		126	75 - 125
Chromium	ND		0.200	0.204		mg/L		102	75 - 125
Cobalt	ND		0.200	0.200		mg/L		100	75 - 125
Copper	ND		0.200	0.191		mg/L		96	75 - 125
Iron	0.20		10.0	10.45		mg/L		103	75 - 125
Lead	ND		0.200	0.201		mg/L		100	75 - 125
Magnesium	0.31		10.0	10.14		mg/L		98	75 - 125
Manganese	0.0097		0.200	0.210		mg/L		100	75 - 125
Nickel	0.0016	J	0.200	0.200		mg/L		99	75 - 125
Potassium	57.4		10.0	69.99	4	mg/L		125	75 - 125
Selenium	ND		0.200	0.205		mg/L		103	75 - 125
Silver	ND		0.0500	0.0492		mg/L		98	75 - 125
Sodium	116		10.0	130.8	4	mg/L		150	75 - 125
Thallium	ND		0.200	0.201		mg/L		100	75 - 125
Vanadium	0.0077		0.200	0.202		mg/L		97	75 - 125
Zinc	0.0088	J B	0.200	0.203		mg/L		97	75 - 125

Lab Sample ID: 480-101880-5 MSD

Matrix: Water

Analysis Batch: 308102

Client Sample ID: S-4

Prep Type: Total/NA

Prep Batch: 307355

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.35		10.0	9.74		mg/L		94	75 - 125	2	20
Antimony	ND		0.200	0.202		mg/L		101	75 - 125	0	20
Arsenic	ND		0.200	0.213		mg/L		106	75 - 125	1	20
Barium	0.045		0.200	0.249		mg/L		102	75 - 125	3	20
Beryllium	ND		0.200	0.203		mg/L		102	75 - 125	0	20
Cadmium	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Calcium	70.0	B	10.0	82.79	4	mg/L		128	75 - 125	0	20
Chromium	ND		0.200	0.211		mg/L		106	75 - 125	4	20
Cobalt	ND		0.200	0.201		mg/L		101	75 - 125	1	20
Copper	ND		0.200	0.199		mg/L		100	75 - 125	4	20
Iron	0.20		10.0	10.48		mg/L		103	75 - 125	0	20
Lead	ND		0.200	0.200		mg/L		100	75 - 125	0	20
Magnesium	0.31		10.0	10.54		mg/L		102	75 - 125	4	20
Manganese	0.0097		0.200	0.218		mg/L		104	75 - 125	4	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101880-1

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

Lab Sample ID: 480-101880-5 MSD

Matrix: Water

Analysis Batch: 308102

Client Sample ID: S-4

Prep Type: Total/NA

Prep Batch: 307355

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Nickel	0.0016	J	0.200	0.202		mg/L		100	75 - 125	1	20
Potassium	57.4		10.0	70.06	4	mg/L		126	75 - 125	0	20
Selenium	ND		0.200	0.205		mg/L		102	75 - 125	0	20
Silver	ND		0.0500	0.0506		mg/L		101	75 - 125	3	20
Sodium	116		10.0	130.8	4	mg/L		150	75 - 125	0	20
Thallium	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Vanadium	0.0077		0.200	0.210		mg/L		101	75 - 125	4	20
Zinc	0.0088	J B	0.200	0.211		mg/L		101	75 - 125	4	20

Method: 7470A_ASP - Mercury (CVAA)

Lab Sample ID: MB 480-307771/1-A

Matrix: Water

Analysis Batch: 307948

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307771

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.00012	mg/L		06/22/16 10:06	06/22/16 10:39	1

Lab Sample ID: LCS 480-307771/2-A

Matrix: Water

Analysis Batch: 307948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307771

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Mercury	0.00667	0.00728		mg/L		109	80 - 120

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-308542/1-A

Matrix: Water

Analysis Batch: 308710

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 308542

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cyanide, Total	ND		0.010	0.0050	mg/L		06/26/16 09:00	06/27/16 10:02	1

Lab Sample ID: LCS 480-308542/2-A

Matrix: Water

Analysis Batch: 308710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 308542

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Cyanide, Total	0.400	0.433		mg/L		108	90 - 110

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101880-1

GC/MS VOA

Leach Batch: 306720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-306720/1-A	Method Blank	Total/NA	Water	1311	

Analysis Batch: 308449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-1	RW-4	Total/NA	Water	8260C	
480-101880-2	RW-5	Total/NA	Water	8260C	
480-101880-3	S-2	Total/NA	Water	8260C	
480-101880-4	S-3	Total/NA	Water	8260C	
480-101880-5	S-4	Total/NA	Water	8260C	
LB 480-306720/1-A	Method Blank	Total/NA	Water	8260C	306720
LCS 480-308449/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-308449/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 307578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-1	RW-4	Total/NA	Water	3510C	
480-101880-2	RW-5	Total/NA	Water	3510C	
480-101880-3	S-2	Total/NA	Water	3510C	
480-101880-4	S-3	Total/NA	Water	3510C	
480-101880-5	S-4	Total/NA	Water	3510C	
LCS 480-307578/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-307578/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 307744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-1	RW-4	Total/NA	Water	8270D	307578
480-101880-2	RW-5	Total/NA	Water	8270D	307578
480-101880-3	S-2	Total/NA	Water	8270D	307578
480-101880-4	S-3	Total/NA	Water	8270D	307578
LCS 480-307578/2-A	Lab Control Sample	Total/NA	Water	8270D	307578
MB 480-307578/1-A	Method Blank	Total/NA	Water	8270D	307578

Analysis Batch: 307935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-5	S-4	Total/NA	Water	8270D	307578

GC Semi VOA

Prep Batch: 307461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-1	RW-4	Total/NA	Water	3510C	
480-101880-2	RW-5	Total/NA	Water	3510C	
480-101880-3	S-2	Total/NA	Water	3510C	
480-101880-4	S-3	Total/NA	Water	3510C	
480-101880-5	S-4	Total/NA	Water	3510C	
LCS 480-307461/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-307461/1-A	Method Blank	Total/NA	Water	3510C	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101880-1

GC Semi VOA (Continued)

Prep Batch: 307581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	3510C	
480-101880-4	S-3	Total/NA	Water	3510C	
480-101880-5	S-4	Total/NA	Water	3510C	
LCS 480-307581/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-307581/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 307619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-1	RW-4	Total/NA	Water	8082A	307461
480-101880-2	RW-5	Total/NA	Water	8082A	307461
480-101880-3	S-2	Total/NA	Water	8082A	307461
480-101880-4	S-3	Total/NA	Water	8082A	307461
480-101880-5	S-4	Total/NA	Water	8082A	307461
LCS 480-307461/2-A	Lab Control Sample	Total/NA	Water	8082A	307461
MB 480-307461/1-A	Method Blank	Total/NA	Water	8082A	307461

Analysis Batch: 307733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	8081B	307581
480-101880-4	S-3	Total/NA	Water	8081B	307581
480-101880-5	S-4	Total/NA	Water	8081B	307581
LCS 480-307581/2-A	Lab Control Sample	Total/NA	Water	8081B	307581
MB 480-307581/1-A	Method Blank	Total/NA	Water	8081B	307581

Metals

Prep Batch: 307355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	3005A	
480-101880-4	S-3	Total/NA	Water	3005A	
480-101880-5	S-4	Total/NA	Water	3005A	
480-101880-5 MS	S-4	Total/NA	Water	3005A	
480-101880-5 MSD	S-4	Total/NA	Water	3005A	
LCS 480-307355/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-307355/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 307771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	7470A	
480-101880-4	S-3	Total/NA	Water	7470A	
480-101880-5	S-4	Total/NA	Water	7470A	
LCS 480-307771/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-307771/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 307948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	7470A_ASP	307771
480-101880-4	S-3	Total/NA	Water	7470A_ASP	307771
480-101880-5	S-4	Total/NA	Water	7470A_ASP	307771
LCS 480-307771/2-A	Lab Control Sample	Total/NA	Water	7470A_ASP	307771

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101880-1

Metals (Continued)

Analysis Batch: 307948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-307771/1-A	Method Blank	Total/NA	Water	7470A_ASP	307771

Analysis Batch: 308102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	6010C	307355
480-101880-4	S-3	Total/NA	Water	6010C	307355
480-101880-5	S-4	Total/NA	Water	6010C	307355
480-101880-5 MS	S-4	Total/NA	Water	6010C	307355
480-101880-5 MSD	S-4	Total/NA	Water	6010C	307355
LCS 480-307355/2-A	Lab Control Sample	Total/NA	Water	6010C	307355
MB 480-307355/1-A	Method Blank	Total/NA	Water	6010C	307355

General Chemistry

Prep Batch: 308542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	9012B	
480-101880-4	S-3	Total/NA	Water	9012B	
480-101880-5	S-4	Total/NA	Water	9012B	
LCS 480-308542/2-A	Lab Control Sample	Total/NA	Water	9012B	
MB 480-308542/1-A	Method Blank	Total/NA	Water	9012B	

Analysis Batch: 308710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101880-3	S-2	Total/NA	Water	9012B	308542
480-101880-4	S-3	Total/NA	Water	9012B	308542
480-101880-5	S-4	Total/NA	Water	9012B	308542
LCS 480-308542/2-A	Lab Control Sample	Total/NA	Water	9012B	308542
MB 480-308542/1-A	Method Blank	Total/NA	Water	9012B	308542

Lab Chronicle

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: RW-4

Lab Sample ID: 480-101880-1

Date Collected: 06/17/16 11:45

Matrix: Water

Date Received: 06/17/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308449	06/25/16 03:23	GTG	TAL BUF
Total/NA	Prep	3510C			307578	06/20/16 15:01	ARS	TAL BUF
Total/NA	Analysis	8270D		1	307744	06/21/16 23:38	PJQ	TAL BUF
Total/NA	Prep	3510C			307461	06/20/16 08:05	JLS	TAL BUF
Total/NA	Analysis	8082A		1	307619	06/21/16 06:08	JMO	TAL BUF

Client Sample ID: RW-5

Lab Sample ID: 480-101880-2

Date Collected: 06/17/16 13:05

Matrix: Water

Date Received: 06/17/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308449	06/25/16 03:48	GTG	TAL BUF
Total/NA	Prep	3510C			307578	06/20/16 15:01	ARS	TAL BUF
Total/NA	Analysis	8270D		1	307744	06/22/16 00:07	PJQ	TAL BUF
Total/NA	Prep	3510C			307461	06/20/16 08:05	JLS	TAL BUF
Total/NA	Analysis	8082A		1	307619	06/21/16 06:26	JMO	TAL BUF

Client Sample ID: S-2

Lab Sample ID: 480-101880-3

Date Collected: 06/17/16 14:30

Matrix: Water

Date Received: 06/17/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308449	06/25/16 04:13	GTG	TAL BUF
Total/NA	Prep	3510C			307578	06/20/16 15:01	ARS	TAL BUF
Total/NA	Analysis	8270D		1	307744	06/22/16 00:35	PJQ	TAL BUF
Total/NA	Prep	3510C			307581	06/20/16 15:08	AVW	TAL BUF
Total/NA	Analysis	8081B		1	307733	06/21/16 21:29	JMO	TAL BUF
Total/NA	Prep	3510C			307461	06/20/16 08:05	JLS	TAL BUF
Total/NA	Analysis	8082A		1	307619	06/21/16 06:44	JMO	TAL BUF
Total/NA	Prep	3005A			307355	06/18/16 11:30	CMM	TAL BUF
Total/NA	Analysis	6010C		1	308102	06/22/16 16:31	AMH	TAL BUF
Total/NA	Prep	7470A			307771	06/22/16 10:06	KJ1	TAL BUF
Total/NA	Analysis	7470A ASP		1	307948	06/22/16 10:47	JRK	TAL BUF
Total/NA	Prep	9012B			308542	06/26/16 09:00	MDL	TAL BUF
Total/NA	Analysis	9012B		1	308710	06/27/16 10:26	KMF	TAL BUF

Client Sample ID: S-3

Lab Sample ID: 480-101880-4

Date Collected: 06/17/16 14:55

Matrix: Water

Date Received: 06/17/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308449	06/25/16 04:38	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-101880-1

Client Sample ID: S-3

Lab Sample ID: 480-101880-4

Date Collected: 06/17/16 14:55

Matrix: Water

Date Received: 06/17/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			307578	06/20/16 15:01	ARS	TAL BUF
Total/NA	Analysis	8270D		1	307744	06/22/16 01:04	PJQ	TAL BUF
Total/NA	Prep	3510C			307581	06/20/16 15:08	AVW	TAL BUF
Total/NA	Analysis	8081B		10	307733	06/21/16 21:49	JMO	TAL BUF
Total/NA	Prep	3510C			307461	06/20/16 08:05	JLS	TAL BUF
Total/NA	Analysis	8082A		1	307619	06/21/16 07:03	JMO	TAL BUF
Total/NA	Prep	3005A			307355	06/18/16 11:30	CMM	TAL BUF
Total/NA	Analysis	6010C		1	308102	06/22/16 16:34	AMH	TAL BUF
Total/NA	Prep	7470A			307771	06/22/16 10:06	KJ1	TAL BUF
Total/NA	Analysis	7470A_ASP		1	307948	06/22/16 10:49	JRK	TAL BUF
Total/NA	Prep	9012B			308542	06/26/16 09:00	MDL	TAL BUF
Total/NA	Analysis	9012B		1	308710	06/27/16 10:28	KMF	TAL BUF

Client Sample ID: S-4

Lab Sample ID: 480-101880-5

Date Collected: 06/17/16 15:15

Matrix: Water

Date Received: 06/17/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308449	06/25/16 05:03	GTG	TAL BUF
Total/NA	Prep	3510C			307578	06/20/16 15:01	ARS	TAL BUF
Total/NA	Analysis	8270D		1	307935	06/22/16 13:39	PJQ	TAL BUF
Total/NA	Prep	3510C			307581	06/20/16 15:08	AVW	TAL BUF
Total/NA	Analysis	8081B		1	307733	06/21/16 22:08	JMO	TAL BUF
Total/NA	Prep	3510C			307461	06/20/16 08:05	JLS	TAL BUF
Total/NA	Analysis	8082A		1	307619	06/21/16 07:22	JMO	TAL BUF
Total/NA	Prep	3005A			307355	06/18/16 11:30	CMM	TAL BUF
Total/NA	Analysis	6010C		1	308102	06/22/16 16:38	AMH	TAL BUF
Total/NA	Prep	7470A			307771	06/22/16 10:06	KJ1	TAL BUF
Total/NA	Analysis	7470A_ASP		1	307948	06/22/16 10:52	JRK	TAL BUF
Total/NA	Prep	9012B			308542	06/26/16 09:00	MDL	TAL BUF
Total/NA	Analysis	9012B		1	308710	06/27/16 10:29	KMF	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: 480-101880-1

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	03-31-17

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Method Summary

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

TestAmerica Job ID: 480-101880-1

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 and/or 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: 480-101880-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-101880-1	RW-4	Water	06/17/16 11:45	06/17/16 15:55
480-101880-2	RW-5	Water	06/17/16 13:05	06/17/16 15:55
480-101880-3	S-2	Water	06/17/16 14:30	06/17/16 15:55
480-101880-4	S-3	Water	06/17/16 14:55	06/17/16 15:55
480-101880-5	S-4	Water	06/17/16 15:15	06/17/16 15:55

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Detection Limit Exceptions Summary

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

TestAmerica Job ID: 480-101880-1

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

Client Information Client Contact: Steven Letterer Phone: 800-287-7857 (Tel) Email: slletterer@gestimates.com Project Name: Cherry Farms Annual GW Sample Site:		Lab P/M: Stone, Judy L E-Mail: judy.stone@testamericainc.com Camper Tracking No(s): COC No: 480-81493-15219.2 Page: 1 of 1 Job #:	
Company: Groundwater & Environmental Services Inc Address: 495 Aero Drive Suite 3 City: Cheektowaga State, Zip: NY, 14225 PO #: 0901469 WO #: T. Palmer Email: T.palmer@gestimates.com Project #: 48002788 SSOV#:		Analysis Requested 8082A - TCL PCBs - OLM04.2 8570D - (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:	
Due Date Requested: TAT Requested (days): 10 days		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2OAS D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Z - other (specify) Other:	
Sample Identification Sample Date: 6/17 Sample Time: 1145 Sample Type (C-comp, G-grab): Grab Matrix (W-water, S-solid, O-organic, A-air): Water Preservation Code:		Special Instructions/Note: 480-101880 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Relinquished by: [Signature] Date/Time: 6/17/16 15:55 Company: GES		Received by: [Signature] Date/Time: 6/16/16 15:55 Company: TABuf.	
Relinquished by: [Signature] Date/Time:		Received by: [Signature] Date/Time:	
Relinquished by: [Signature] Date/Time:		Received by: [Signature] Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 47°F	



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-101880-1

Login Number: 101880

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

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 (Excluding tests with immediate HTs)..	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.	N/A	



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: 480-101969-1

Client Project/Site: Cherry Farms Annual GW Sample

For:

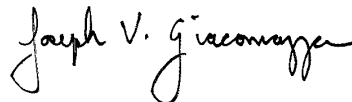
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Thomas Palmer



Authorized for release by:

6/28/2016 2:43:07 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

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

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

TestAmerica Job ID: 480-101969-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

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)

Case Narrative

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

TestAmerica Job ID: 480-101969-1

Job ID: 480-101969-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-101969-1

Receipt

The samples were received on 6/20/2016 4:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° 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 continuing calibration verification (CCV) associated with batch 480-307920 recovered above the upper control limit for Indeno[1,2,3-cd]pyrene, Hexachlorobenzene, Benzo[g,h,i]perylene, Hexachlorocyclopentadiene, 4-Bromophenyl phenyl ether, Hexachlorobutadiene, Dibenz(a,h)anthracene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: MW-1 (480-101969-1).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-307920 recovered outside acceptance criteria, low biased, for 2,2'-oxybis[1-chloropropane]. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, 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 Semi VOA

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: 480-101969-1

Client Sample ID: MW-1

Lab Sample ID: 480-101969-1

No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101969-1

Client Sample ID: MW-1

Lab Sample ID: 480-101969-1

Date Collected: 06/20/16 15:30

Matrix: Water

Date Received: 06/20/16 16:20

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			06/26/16 02:00	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/26/16 02:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/26/16 02:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/26/16 02:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/26/16 02:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/26/16 02:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/26/16 02:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/26/16 02:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/26/16 02:00	1
2-Hexanone	ND		5.0	1.2	ug/L			06/26/16 02:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/26/16 02:00	1
Acetone	ND		10	3.0	ug/L			06/26/16 02:00	1
Benzene	ND		1.0	0.41	ug/L			06/26/16 02:00	1
Bromoform	ND		1.0	0.26	ug/L			06/26/16 02:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/26/16 02:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/26/16 02:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/26/16 02:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/26/16 02:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/26/16 02:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/26/16 02:00	1
Chloroform	ND		1.0	0.34	ug/L			06/26/16 02:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/26/16 02:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/26/16 02:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/26/16 02:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/26/16 02:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/26/16 02:00	1
Toluene	ND		1.0	0.51	ug/L			06/26/16 02:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/26/16 02:00	1
Trichloroethene	ND		1.0	0.46	ug/L			06/26/16 02:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/26/16 02:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/26/16 02:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/26/16 02:00	1
Styrene	ND		1.0	0.73	ug/L			06/26/16 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		06/26/16 02:00	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/26/16 02:00	1
Toluene-d8 (Surr)	99		71 - 126		06/26/16 02:00	1
Dibromofluoromethane (Surr)	108		60 - 140		06/26/16 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		4.6	0.48	ug/L		06/21/16 14:27	06/22/16 16:14	1
1,2,4-Trichlorobenzene	ND		9.3	0.41	ug/L		06/21/16 14:27	06/22/16 16:14	1
2,4,5-Trichlorophenol	ND		4.6	0.45	ug/L		06/21/16 14:27	06/22/16 16:14	1
1,2-Dichlorobenzene	ND		9.3	0.37	ug/L		06/21/16 14:27	06/22/16 16:14	1
2,4,6-Trichlorophenol	ND		4.6	0.57	ug/L		06/21/16 14:27	06/22/16 16:14	1
2,4-Dichlorophenol	ND		4.6	0.47	ug/L		06/21/16 14:27	06/22/16 16:14	1
2,4-Dimethylphenol	ND		4.6	0.46	ug/L		06/21/16 14:27	06/22/16 16:14	1
1,3-Dichlorobenzene	ND		9.3	0.45	ug/L		06/21/16 14:27	06/22/16 16:14	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101969-1

Client Sample ID: MW-1

Lab Sample ID: 480-101969-1

Date Collected: 06/20/16 15:30

Matrix: Water

Date Received: 06/20/16 16:20

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		06/21/16 14:27	06/22/16 16:14	1
2,4-Dinitrotoluene	ND		4.6	0.41	ug/L		06/21/16 14:27	06/22/16 16:14	1
1,4-Dichlorobenzene	ND		9.3	0.43	ug/L		06/21/16 14:27	06/22/16 16:14	1
2,6-Dinitrotoluene	ND		4.6	0.37	ug/L		06/21/16 14:27	06/22/16 16:14	1
2-Chloronaphthalene	ND		4.6	0.43	ug/L		06/21/16 14:27	06/22/16 16:14	1
2-Chlorophenol	ND		4.6	0.49	ug/L		06/21/16 14:27	06/22/16 16:14	1
2-Methylnaphthalene	ND		4.6	0.56	ug/L		06/21/16 14:27	06/22/16 16:14	1
2-Methylphenol	ND		4.6	0.37	ug/L		06/21/16 14:27	06/22/16 16:14	1
2-Nitroaniline	ND		9.3	0.39	ug/L		06/21/16 14:27	06/22/16 16:14	1
2-Nitrophenol	ND		4.6	0.45	ug/L		06/21/16 14:27	06/22/16 16:14	1
3,3'-Dichlorobenzidine	ND		4.6	0.37	ug/L		06/21/16 14:27	06/22/16 16:14	1
3-Nitroaniline	ND		9.3	0.45	ug/L		06/21/16 14:27	06/22/16 16:14	1
4,6-Dinitro-2-methylphenol	ND		9.3	2.0	ug/L		06/21/16 14:27	06/22/16 16:14	1
4-Bromophenyl phenyl ether	ND		4.6	0.42	ug/L		06/21/16 14:27	06/22/16 16:14	1
4-Chloro-3-methylphenol	ND		4.6	0.42	ug/L		06/21/16 14:27	06/22/16 16:14	1
4-Chloroaniline	ND		4.6	0.55	ug/L		06/21/16 14:27	06/22/16 16:14	1
4-Chlorophenyl phenyl ether	ND		4.6	0.32	ug/L		06/21/16 14:27	06/22/16 16:14	1
4-Methylphenol	ND		9.3	0.33	ug/L		06/21/16 14:27	06/22/16 16:14	1
4-Nitroaniline	ND		9.3	0.23	ug/L		06/21/16 14:27	06/22/16 16:14	1
4-Nitrophenol	ND		9.3	1.4	ug/L		06/21/16 14:27	06/22/16 16:14	1
Acenaphthene	ND		4.6	0.38	ug/L		06/21/16 14:27	06/22/16 16:14	1
Acenaphthylene	ND		4.6	0.35	ug/L		06/21/16 14:27	06/22/16 16:14	1
Anthracene	ND		4.6	0.26	ug/L		06/21/16 14:27	06/22/16 16:14	1
Benzo[a]anthracene	ND		4.6	0.33	ug/L		06/21/16 14:27	06/22/16 16:14	1
Benzo[a]pyrene	ND		4.6	0.44	ug/L		06/21/16 14:27	06/22/16 16:14	1
Benzo[b]fluoranthene	ND		4.6	0.32	ug/L		06/21/16 14:27	06/22/16 16:14	1
Benzo[g,h,i]perylene	ND		4.6	0.32	ug/L		06/21/16 14:27	06/22/16 16:14	1
Benzo[k]fluoranthene	ND		4.6	0.68	ug/L		06/21/16 14:27	06/22/16 16:14	1
Bis(2-chloroethoxy)methane	ND		4.6	0.32	ug/L		06/21/16 14:27	06/22/16 16:14	1
Bis(2-chloroethyl)ether	ND		4.6	0.37	ug/L		06/21/16 14:27	06/22/16 16:14	1
Bis(2-ethylhexyl) phthalate	ND	F1	4.6	2.0	ug/L		06/21/16 14:27	06/22/16 16:14	1
Butyl benzyl phthalate	ND		4.6	0.93	ug/L		06/21/16 14:27	06/22/16 16:14	1
Carbazole	ND		4.6	0.28	ug/L		06/21/16 14:27	06/22/16 16:14	1
Chrysene	ND		4.6	0.31	ug/L		06/21/16 14:27	06/22/16 16:14	1
Di-n-butyl phthalate	ND		4.6	0.29	ug/L		06/21/16 14:27	06/22/16 16:14	1
Di-n-octyl phthalate	ND	F1	4.6	0.44	ug/L		06/21/16 14:27	06/22/16 16:14	1
Dibenz(a,h)anthracene	ND		4.6	0.39	ug/L		06/21/16 14:27	06/22/16 16:14	1
Dibenzofuran	ND		9.3	0.47	ug/L		06/21/16 14:27	06/22/16 16:14	1
Diethyl phthalate	ND		4.6	0.20	ug/L		06/21/16 14:27	06/22/16 16:14	1
Dimethyl phthalate	ND		4.6	0.33	ug/L		06/21/16 14:27	06/22/16 16:14	1
Fluoranthene	ND		4.6	0.37	ug/L		06/21/16 14:27	06/22/16 16:14	1
Fluorene	ND		4.6	0.33	ug/L		06/21/16 14:27	06/22/16 16:14	1
Hexachlorobenzene	ND		4.6	0.47	ug/L		06/21/16 14:27	06/22/16 16:14	1
Hexachlorobutadiene	ND		4.6	0.63	ug/L		06/21/16 14:27	06/22/16 16:14	1
Hexachlorocyclopentadiene	ND		4.6	0.55	ug/L		06/21/16 14:27	06/22/16 16:14	1
Hexachloroethane	ND		4.6	0.55	ug/L		06/21/16 14:27	06/22/16 16:14	1
Indeno[1,2,3-cd]pyrene	ND		4.6	0.44	ug/L		06/21/16 14:27	06/22/16 16:14	1
Isophorone	ND		4.6	0.40	ug/L		06/21/16 14:27	06/22/16 16:14	1
N-Nitrosodi-n-propylamine	ND		4.6	0.50	ug/L		06/21/16 14:27	06/22/16 16:14	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-101969-1

Client Sample ID: MW-1

Lab Sample ID: 480-101969-1

Date Collected: 06/20/16 15:30

Matrix: Water

Date Received: 06/20/16 16:20

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		06/21/16 14:27	06/22/16 16:14	1
Naphthalene	ND	F1	4.6	0.71	ug/L		06/21/16 14:27	06/22/16 16:14	1
Nitrobenzene	ND		4.6	0.27	ug/L		06/21/16 14:27	06/22/16 16:14	1
Pentachlorophenol	ND		9.3	2.0	ug/L		06/21/16 14:27	06/22/16 16:14	1
Phenanthrene	ND		4.6	0.41	ug/L		06/21/16 14:27	06/22/16 16:14	1
Phenol	ND		4.6	0.36	ug/L		06/21/16 14:27	06/22/16 16:14	1
Pyrene	ND		4.6	0.32	ug/L		06/21/16 14:27	06/22/16 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		52 - 132	06/21/16 14:27	06/22/16 16:14	1
2-Fluorobiphenyl	86		48 - 120	06/21/16 14:27	06/22/16 16:14	1
2-Fluorophenol	55		20 - 120	06/21/16 14:27	06/22/16 16:14	1
Nitrobenzene-d5	70		46 - 120	06/21/16 14:27	06/22/16 16:14	1
p-Terphenyl-d14	80		67 - 150	06/21/16 14:27	06/22/16 16:14	1
Phenol-d5	40		16 - 120	06/21/16 14:27	06/22/16 16:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		06/22/16 14:45	06/22/16 23:54	1
PCB-1221	ND		0.52	0.18	ug/L		06/22/16 14:45	06/22/16 23:54	1
PCB-1232	ND		0.52	0.18	ug/L		06/22/16 14:45	06/22/16 23:54	1
PCB-1242	ND		0.52	0.18	ug/L		06/22/16 14:45	06/22/16 23:54	1
PCB-1248	ND		0.52	0.18	ug/L		06/22/16 14:45	06/22/16 23:54	1
PCB-1254	ND		0.52	0.26	ug/L		06/22/16 14:45	06/22/16 23:54	1
PCB-1260	ND		0.52	0.26	ug/L		06/22/16 14:45	06/22/16 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		19 - 125	06/22/16 14:45	06/22/16 23:54	1
Tetrachloro-m-xylene	91		24 - 137	06/22/16 14:45	06/22/16 23:54	1

Surrogate Summary

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

TestAmerica Job ID: 480-101969-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (66-137)	BFB (73-120)	TOL (71-126)	DBFM (60-140)
480-101969-1	MW-1	102	105	99	108
480-101969-1 MS	MW-1	102	107	101	102
480-101969-1 MSD	MW-1	101	105	103	104
LCS 480-308511/5	Lab Control Sample	100	105	100	105
MB 480-308511/7	Method Blank	103	105	101	107

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
480-101969-1	MW-1	98	86	55	70	80	40
480-101969-1 MS	MW-1	116	85	60	73	86	46
480-101969-1 MSD	MW-1	117	86	60	76	84	45
LCS 480-307776/2-A	Lab Control Sample	111	87	64	76	96	49
MB 480-307776/1-A	Method Blank	95	90	58	74	101	41

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

TPH = p-Terphenyl-d14

PHL = Phenol-d5

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (19-125)	TCX1 (24-137)
480-101969-1	MW-1	91	91
480-101969-1 MS	MW-1	82	98
480-101969-1 MSD	MW-1	72	80
LCS 480-307970/2-A	Lab Control Sample	77	87
MB 480-307970/1-A	Method Blank	94	83

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: MB 480-308511/7

Matrix: Water

Analysis Batch: 308511

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			06/26/16 00:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/26/16 00:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/26/16 00:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/26/16 00:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/26/16 00:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/26/16 00:40	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			06/26/16 00:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/26/16 00:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/26/16 00:40	1
2-Hexanone	ND		5.0	1.2	ug/L			06/26/16 00:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/26/16 00:40	1
Acetone	ND		10	3.0	ug/L			06/26/16 00:40	1
Benzene	ND		1.0	0.41	ug/L			06/26/16 00:40	1
Bromoform	ND		1.0	0.26	ug/L			06/26/16 00:40	1
Bromomethane	ND		1.0	0.69	ug/L			06/26/16 00:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/26/16 00:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/26/16 00:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/26/16 00:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/26/16 00:40	1
Chloroethane	ND		1.0	0.32	ug/L			06/26/16 00:40	1
Chloroform	ND		1.0	0.34	ug/L			06/26/16 00:40	1
Chloromethane	ND		1.0	0.35	ug/L			06/26/16 00:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/26/16 00:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/26/16 00:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/26/16 00:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/26/16 00:40	1
Toluene	ND		1.0	0.51	ug/L			06/26/16 00:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/26/16 00:40	1
Trichloroethene	ND		1.0	0.46	ug/L			06/26/16 00:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/26/16 00:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/26/16 00:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/26/16 00:40	1
Styrene	ND		1.0	0.73	ug/L			06/26/16 00:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		06/26/16 00:40	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/26/16 00:40	1
Toluene-d8 (Surr)	101		71 - 126		06/26/16 00:40	1
Dibromofluoromethane (Surr)	107		60 - 140		06/26/16 00:40	1

Lab Sample ID: LCS 480-308511/5

Matrix: Water

Analysis Batch: 308511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.6		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.7		ug/L		87	70 - 126
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: LCS 480-308511/5

Matrix: Water

Analysis Batch: 308511

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	24.2		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	23.4		ug/L		94	58 - 121
1,2-Dichloroethane	25.0	24.0		ug/L		96	75 - 127
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
2-Hexanone	125	111		ug/L		89	65 - 127
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	127		ug/L		101	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromoform	25.0	19.9		ug/L		79	52 - 132
Bromomethane	25.0	21.6		ug/L		86	55 - 144
Carbon disulfide	25.0	22.9		ug/L		91	59 - 134
Carbon tetrachloride	25.0	24.9		ug/L		100	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	72 - 120
Dibromochloromethane	25.0	23.0		ug/L		92	75 - 125
Chloroethane	25.0	22.1		ug/L		88	69 - 136
Chloroform	25.0	23.9		ug/L		96	73 - 127
Chloromethane	25.0	23.1		ug/L		92	68 - 124
Bromodichloromethane	25.0	22.8		ug/L		91	80 - 122
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Methylene Chloride	25.0	23.3		ug/L		93	57 - 132
Tetrachloroethene	25.0	26.1		ug/L		105	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,3-Dichloropropene	25.0	23.0		ug/L		92	72 - 123
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Vinyl chloride	25.0	24.4		ug/L		98	65 - 133
cis-1,3-Dichloropropene	25.0	23.4		ug/L		94	74 - 124
Styrene	25.0	23.8		ug/L		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	100		71 - 126
Dibromofluoromethane (Surr)	105		60 - 140

Lab Sample ID: 480-101969-1 MS

Matrix: Water

Analysis Batch: 308511

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	26.0		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	21.5		ug/L		86	70 - 126
1,1,2-Trichloroethane	ND		25.0	23.9		ug/L		96	76 - 122
1,1-Dichloroethane	ND		25.0	25.5		ug/L		102	71 - 129
1,1-Dichloroethene	ND		25.0	25.8		ug/L		103	58 - 121
1,2-Dichloroethane	ND		25.0	24.8		ug/L		99	75 - 127
1,2-Dichloropropane	ND		25.0	25.7		ug/L		103	76 - 120
2-Butanone (MEK)	ND		125	111		ug/L		88	57 - 140

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: 480-101969-1 MS

Matrix: Water

Analysis Batch: 308511

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Hexanone	ND		125	109		ug/L		87	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	110		ug/L		88	71 - 125
Acetone	ND		125	112		ug/L		89	56 - 142
Benzene	ND		25.0	25.1		ug/L		100	71 - 124
Bromoform	ND		25.0	18.3		ug/L		73	52 - 132
Bromomethane	ND		25.0	21.3		ug/L		85	55 - 144
Carbon disulfide	ND		25.0	22.7		ug/L		91	59 - 134
Carbon tetrachloride	ND		25.0	26.2		ug/L		105	72 - 134
Chlorobenzene	ND		25.0	25.2		ug/L		101	72 - 120
Dibromochloromethane	ND		25.0	21.6		ug/L		87	75 - 125
Chloroethane	ND		25.0	22.6		ug/L		90	69 - 136
Chloroform	ND		25.0	25.0		ug/L		100	73 - 127
Chloromethane	ND		25.0	22.9		ug/L		92	68 - 124
Bromodichloromethane	ND		25.0	22.6		ug/L		91	80 - 122
Ethylbenzene	ND		25.0	24.3		ug/L		97	77 - 123
Methylene Chloride	ND		25.0	25.0		ug/L		100	57 - 132
Tetrachloroethene	ND		25.0	26.4		ug/L		106	74 - 122
Toluene	ND		25.0	25.0		ug/L		100	80 - 122
trans-1,3-Dichloropropene	ND		25.0	22.5		ug/L		90	72 - 123
Trichloroethene	ND		25.0	25.4		ug/L		102	74 - 123
Vinyl chloride	ND		25.0	24.7		ug/L		99	65 - 133
cis-1,3-Dichloropropene	ND		25.0	23.2		ug/L		93	74 - 124
Styrene	ND		25.0	23.9		ug/L		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	101		71 - 126
Dibromofluoromethane (Surr)	102		60 - 140

Lab Sample ID: 480-101969-1 MSD

Matrix: Water

Analysis Batch: 308511

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		25.0	26.2		ug/L		105	73 - 126	1	15
1,1,1,2-Tetrachloroethane	ND		25.0	22.6		ug/L		90	70 - 126	5	15
1,1,2-Trichloroethane	ND		25.0	24.3		ug/L		97	76 - 122	2	15
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	26.0		ug/L		104	58 - 121	1	16
1,2-Dichloroethane	ND		25.0	25.2		ug/L		101	75 - 127	2	20
1,2-Dichloropropane	ND		25.0	26.4		ug/L		106	76 - 120	3	20
2-Butanone (MEK)	ND		125	112		ug/L		90	57 - 140	2	20
2-Hexanone	ND		125	112		ug/L		89	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	112		ug/L		90	71 - 125	2	35
Acetone	ND		125	110		ug/L		88	56 - 142	1	15
Benzene	ND		25.0	25.3		ug/L		101	71 - 124	1	13
Bromoform	ND		25.0	18.6		ug/L		74	52 - 132	2	15

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: 480-101969-1 MSD

Matrix: Water

Analysis Batch: 308511

Client Sample ID: MW-1

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromomethane	ND		25.0	20.0		ug/L		80	55 - 144	6	15
Carbon disulfide	ND		25.0	23.4		ug/L		93	59 - 134	3	15
Carbon tetrachloride	ND		25.0	26.6		ug/L		107	72 - 134	2	15
Chlorobenzene	ND		25.0	25.7		ug/L		103	72 - 120	2	25
Dibromochloromethane	ND		25.0	22.4		ug/L		89	75 - 125	3	15
Chloroethane	ND		25.0	23.4		ug/L		94	69 - 136	4	15
Chloroform	ND		25.0	24.9		ug/L		100	73 - 127	0	20
Chloromethane	ND		25.0	23.4		ug/L		93	68 - 124	2	15
Bromodichloromethane	ND		25.0	23.5		ug/L		94	80 - 122	4	15
Ethylbenzene	ND		25.0	24.9		ug/L		100	77 - 123	2	15
Methylene Chloride	ND		25.0	25.4		ug/L		101	57 - 132	2	15
Tetrachloroethene	ND		25.0	27.9		ug/L		112	74 - 122	6	20
Toluene	ND		25.0	25.4		ug/L		101	80 - 122	1	15
trans-1,3-Dichloropropene	ND		25.0	23.4		ug/L		93	72 - 123	4	15
Trichloroethene	ND		25.0	25.9		ug/L		104	74 - 123	2	16
Vinyl chloride	ND		25.0	24.3		ug/L		97	65 - 133	2	15
cis-1,3-Dichloropropene	ND		25.0	23.6		ug/L		94	74 - 124	2	15
Styrene	ND		25.0	24.3		ug/L		97	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	103		71 - 126
Dibromofluoromethane (Surr)	104		60 - 140

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

Lab Sample ID: MB 480-307776/1-A

Matrix: Water

Analysis Batch: 307920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307776

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/21/16 14:27	06/22/16 14:19	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		06/21/16 14:27	06/22/16 14:19	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/21/16 14:27	06/22/16 14:19	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		06/21/16 14:27	06/22/16 14:19	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/21/16 14:27	06/22/16 14:19	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/21/16 14:27	06/22/16 14:19	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/21/16 14:27	06/22/16 14:19	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		06/21/16 14:27	06/22/16 14:19	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/21/16 14:27	06/22/16 14:19	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/21/16 14:27	06/22/16 14:19	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		06/21/16 14:27	06/22/16 14:19	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/21/16 14:27	06/22/16 14:19	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/21/16 14:27	06/22/16 14:19	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/21/16 14:27	06/22/16 14:19	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/21/16 14:27	06/22/16 14:19	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/21/16 14:27	06/22/16 14:19	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: MB 480-307776/1-A

Matrix: Water

Analysis Batch: 307920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307776

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Nitroaniline	ND		10	0.42	ug/L		06/21/16 14:27	06/22/16 14:19	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/21/16 14:27	06/22/16 14:19	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/21/16 14:27	06/22/16 14:19	1
3-Nitroaniline	ND		10	0.48	ug/L		06/21/16 14:27	06/22/16 14:19	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/21/16 14:27	06/22/16 14:19	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/21/16 14:27	06/22/16 14:19	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/21/16 14:27	06/22/16 14:19	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/21/16 14:27	06/22/16 14:19	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/21/16 14:27	06/22/16 14:19	1
4-Methylphenol	ND		10	0.36	ug/L		06/21/16 14:27	06/22/16 14:19	1
4-Nitroaniline	ND		10	0.25	ug/L		06/21/16 14:27	06/22/16 14:19	1
4-Nitrophenol	ND		10	1.5	ug/L		06/21/16 14:27	06/22/16 14:19	1
Acenaphthene	ND		5.0	0.41	ug/L		06/21/16 14:27	06/22/16 14:19	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/21/16 14:27	06/22/16 14:19	1
Anthracene	ND		5.0	0.28	ug/L		06/21/16 14:27	06/22/16 14:19	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/21/16 14:27	06/22/16 14:19	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/21/16 14:27	06/22/16 14:19	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/21/16 14:27	06/22/16 14:19	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/21/16 14:27	06/22/16 14:19	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/21/16 14:27	06/22/16 14:19	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/21/16 14:27	06/22/16 14:19	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/21/16 14:27	06/22/16 14:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/21/16 14:27	06/22/16 14:19	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/21/16 14:27	06/22/16 14:19	1
Carbazole	ND		5.0	0.30	ug/L		06/21/16 14:27	06/22/16 14:19	1
Chrysene	ND		5.0	0.33	ug/L		06/21/16 14:27	06/22/16 14:19	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/21/16 14:27	06/22/16 14:19	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/21/16 14:27	06/22/16 14:19	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/21/16 14:27	06/22/16 14:19	1
Dibenzofuran	ND		10	0.51	ug/L		06/21/16 14:27	06/22/16 14:19	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/21/16 14:27	06/22/16 14:19	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/21/16 14:27	06/22/16 14:19	1
Fluoranthene	ND		5.0	0.40	ug/L		06/21/16 14:27	06/22/16 14:19	1
Fluorene	ND		5.0	0.36	ug/L		06/21/16 14:27	06/22/16 14:19	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/21/16 14:27	06/22/16 14:19	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/21/16 14:27	06/22/16 14:19	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/21/16 14:27	06/22/16 14:19	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/21/16 14:27	06/22/16 14:19	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/21/16 14:27	06/22/16 14:19	1
Isophorone	ND		5.0	0.43	ug/L		06/21/16 14:27	06/22/16 14:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/21/16 14:27	06/22/16 14:19	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/21/16 14:27	06/22/16 14:19	1
Naphthalene	ND		5.0	0.76	ug/L		06/21/16 14:27	06/22/16 14:19	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/21/16 14:27	06/22/16 14:19	1
Pentachlorophenol	ND		10	2.2	ug/L		06/21/16 14:27	06/22/16 14:19	1
Phenanthrene	ND		5.0	0.44	ug/L		06/21/16 14:27	06/22/16 14:19	1
Phenol	ND		5.0	0.39	ug/L		06/21/16 14:27	06/22/16 14:19	1
Pyrene	ND		5.0	0.34	ug/L		06/21/16 14:27	06/22/16 14:19	1

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: MB 480-307776/1-A

Matrix: Water

Analysis Batch: 307920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 307776

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	95		52 - 132	06/21/16 14:27	06/22/16 14:19	1
2-Fluorobiphenyl	90		48 - 120	06/21/16 14:27	06/22/16 14:19	1
2-Fluorophenol	58		20 - 120	06/21/16 14:27	06/22/16 14:19	1
Nitrobenzene-d5	74		46 - 120	06/21/16 14:27	06/22/16 14:19	1
p-Terphenyl-d14	101		67 - 150	06/21/16 14:27	06/22/16 14:19	1
Phenol-d5	41		16 - 120	06/21/16 14:27	06/22/16 14:19	1

Lab Sample ID: LCS 480-307776/2-A

Matrix: Water

Analysis Batch: 307920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	16.0	13.8		ug/L		86	40 - 120
2,4,5-Trichlorophenol	16.0	15.3		ug/L		95	65 - 126
1,2-Dichlorobenzene	16.0	12.6		ug/L		79	33 - 120
2,4,6-Trichlorophenol	16.0	15.1		ug/L		94	64 - 120
2,4-Dichlorophenol	16.0	15.3		ug/L		96	64 - 120
2,4-Dimethylphenol	16.0	13.7		ug/L		86	57 - 120
1,3-Dichlorobenzene	16.0	11.9		ug/L		74	28 - 120
2,4-Dinitrophenol	32.0	26.6		ug/L		83	42 - 153
2,4-Dinitrotoluene	16.0	15.2		ug/L		95	65 - 154
1,4-Dichlorobenzene	16.0	12.4		ug/L		77	32 - 120
2,6-Dinitrotoluene	16.0	14.6		ug/L		91	74 - 134
2-Chloronaphthalene	16.0	13.6		ug/L		85	41 - 124
2-Chlorophenol	16.0	13.4		ug/L		84	48 - 120
2-Methylnaphthalene	16.0	13.8		ug/L		86	34 - 122
2-Methylphenol	16.0	12.4		ug/L		77	39 - 120
2-Nitroaniline	16.0	12.2		ug/L		76	67 - 136
2-Nitrophenol	16.0	14.4		ug/L		90	59 - 120
3,3'-Dichlorobenzidine	32.0	33.8		ug/L		106	33 - 140
3-Nitroaniline	16.0	12.6		ug/L		78	28 - 130
4,6-Dinitro-2-methylphenol	32.0	31.4		ug/L		98	64 - 159
4-Bromophenyl phenyl ether	16.0	16.9		ug/L		106	71 - 126
4-Chloro-3-methylphenol	16.0	14.4		ug/L		90	64 - 120
4-Chloroaniline	16.0	12.0		ug/L		75	10 - 130
4-Chlorophenyl phenyl ether	16.0	15.5		ug/L		97	71 - 122
4-Methylphenol	16.0	11.8		ug/L		74	39 - 120
4-Nitroaniline	16.0	14.3		ug/L		89	47 - 130
4-Nitrophenol	32.0	25.6		ug/L		80	16 - 120
Acenaphthene	16.0	14.1		ug/L		88	60 - 120
Acenaphthylene	16.0	14.1		ug/L		88	63 - 120
Anthracene	16.0	14.5		ug/L		91	58 - 148
Benzo[a]anthracene	16.0	15.3		ug/L		95	55 - 151
Benzo[a]pyrene	16.0	14.7		ug/L		92	60 - 145
Benzo[b]fluoranthene	16.0	15.8		ug/L		99	54 - 140
Benzo[g,h,i]perylene	16.0	17.1		ug/L		107	66 - 152
Benzo[k]fluoranthene	16.0	15.1		ug/L		94	51 - 153

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: LCS 480-307776/2-A

Matrix: Water

Analysis Batch: 307920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 307776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	16.0	12.0		ug/L		75	50 - 128
Bis(2-chloroethyl)ether	16.0	11.1		ug/L		70	51 - 120
Bis(2-ethylhexyl) phthalate	16.0	13.2		ug/L		83	53 - 158
Butyl benzyl phthalate	16.0	14.6		ug/L		91	58 - 163
Carbazole	16.0	15.9		ug/L		99	59 - 148
Chrysene	16.0	15.6		ug/L		98	69 - 140
Di-n-butyl phthalate	16.0	15.6		ug/L		97	58 - 149
Di-n-octyl phthalate	16.0	13.2		ug/L		82	55 - 167
Dibenz(a,h)anthracene	16.0	17.2		ug/L		108	57 - 148
Dibenzofuran	16.0	14.7		ug/L		92	49 - 137
Diethyl phthalate	16.0	16.0		ug/L		100	59 - 146
Dimethyl phthalate	16.0	15.7		ug/L		98	59 - 141
Fluoranthene	16.0	16.6		ug/L		104	55 - 147
Fluorene	16.0	15.2		ug/L		95	55 - 143
Hexachlorobenzene	16.0	17.2		ug/L		107	14 - 130
Hexachlorobutadiene	16.0	14.3		ug/L		89	14 - 130
Hexachlorocyclopentadiene	16.0	11.4		ug/L		71	13 - 130
Hexachloroethane	16.0	10.9		ug/L		68	14 - 130
Indeno[1,2,3-cd]pyrene	16.0	16.8		ug/L		105	69 - 146
Isophorone	16.0	12.1		ug/L		76	48 - 133
N-Nitrosodi-n-propylamine	16.0	11.3		ug/L		71	56 - 120
N-Nitrosodiphenylamine	16.0	14.3		ug/L		90	25 - 125
Naphthalene	16.0	13.3		ug/L		83	35 - 130
Nitrobenzene	16.0	12.6		ug/L		79	45 - 123
Pentachlorophenol	32.0	22.9		ug/L		71	39 - 136
Phenanthrene	16.0	15.3		ug/L		95	57 - 147
Phenol	16.0	7.54		ug/L		47	17 - 120
Pyrene	16.0	15.0		ug/L		94	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	111		52 - 132
2-Fluorobiphenyl	87		48 - 120
2-Fluorophenol	64		20 - 120
Nitrobenzene-d5	76		46 - 120
p-Terphenyl-d14	96		67 - 150
Phenol-d5	49		16 - 120

Lab Sample ID: 480-101969-1 MS

Matrix: Water

Analysis Batch: 307920

Client Sample ID: MW-1

Prep Type: Total/NA

Prep Batch: 307776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	ND		16.5	8.53		ug/L		52	28 - 136
1,2,4-Trichlorobenzene	ND		16.5	14.4		ug/L		87	40 - 120
2,4,5-Trichlorophenol	ND		16.5	15.4		ug/L		93	65 - 126
1,2-Dichlorobenzene	ND		16.5	12.6		ug/L		77	33 - 120
2,4,6-Trichlorophenol	ND		16.5	15.3		ug/L		93	64 - 120
2,4-Dichlorophenol	ND		16.5	15.0		ug/L		91	64 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: 480-101969-1 MS

Matrix: Water

Analysis Batch: 307920

Client Sample ID: MW-1

Prep Type: Total/NA

Prep Batch: 307776

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2,4-Dimethylphenol	ND		16.5	13.5		ug/L		82	57 - 120
1,3-Dichlorobenzene	ND		16.5	12.1		ug/L		73	28 - 120
2,4-Dinitrophenol	ND		33.0	30.2		ug/L		91	42 - 153
2,4-Dinitrotoluene	ND		16.5	15.6		ug/L		95	62 - 148
1,4-Dichlorobenzene	ND		16.5	12.1		ug/L		73	32 - 120
2,6-Dinitrotoluene	ND		16.5	14.8		ug/L		89	65 - 154
2-Chloronaphthalene	ND		16.5	13.7		ug/L		83	41 - 124
2-Chlorophenol	ND		16.5	12.8		ug/L		78	48 - 120
2-Methylnaphthalene	ND		16.5	14.2		ug/L		86	34 - 122
2-Methylphenol	ND		16.5	11.2		ug/L		68	39 - 120
2-Nitroaniline	ND		16.5	12.2		ug/L		74	67 - 136
2-Nitrophenol	ND		16.5	13.9		ug/L		84	59 - 120
3,3'-Dichlorobenzidine	ND		33.0	31.7		ug/L		96	33 - 140
3-Nitroaniline	ND		16.5	11.9		ug/L		72	69 - 129
4,6-Dinitro-2-methylphenol	ND		33.0	32.6		ug/L		99	64 - 159
4-Bromophenyl phenyl ether	ND		16.5	17.2		ug/L		104	71 - 126
4-Chloro-3-methylphenol	ND		16.5	14.0		ug/L		85	64 - 120
4-Chloroaniline	ND		16.5	11.0		ug/L		67	60 - 124
4-Chlorophenyl phenyl ether	ND		16.5	15.6		ug/L		94	48 - 145
4-Methylphenol	ND		16.5	11.6		ug/L		70	36 - 120
4-Nitroaniline	ND		16.5	14.7		ug/L		89	64 - 135
4-Nitrophenol	ND		33.0	26.6		ug/L		81	16 - 120
Acenaphthene	ND		16.5	14.4		ug/L		87	60 - 120
Acenaphthylene	ND		16.5	14.0		ug/L		85	63 - 120
Anthracene	ND		16.5	15.1		ug/L		91	58 - 148
Benzo[a]anthracene	ND		16.5	14.8		ug/L		90	55 - 151
Benzo[a]pyrene	ND		16.5	12.8		ug/L		78	60 - 145
Benzo[b]fluoranthene	ND		16.5	13.7		ug/L		83	54 - 140
Benzo[g,h,i]perylene	ND		16.5	11.8		ug/L		72	66 - 152
Benzo[k]fluoranthene	ND		16.5	12.5		ug/L		76	51 - 153
Bis(2-chloroethoxy)methane	ND		16.5	12.1		ug/L		73	50 - 128
Bis(2-chloroethyl)ether	ND		16.5	10.7		ug/L		65	51 - 120
Bis(2-ethylhexyl) phthalate	ND	F1	16.5	7.61	F1	ug/L		46	53 - 158
Butyl benzyl phthalate	ND		16.5	14.2		ug/L		86	58 - 163
Carbazole	ND		16.5	16.1		ug/L		98	59 - 148
Chrysene	ND		16.5	14.7		ug/L		89	69 - 140
Di-n-butyl phthalate	ND		16.5	15.9		ug/L		96	58 - 149
Di-n-octyl phthalate	ND	F1	16.5	7.12	F1	ug/L		43	55 - 167
Dibenz(a,h)anthracene	ND		16.5	11.3		ug/L		68	57 - 158
Dibenzofuran	ND		16.5	14.5		ug/L		87	49 - 137
Diethyl phthalate	ND		16.5	15.7		ug/L		95	59 - 146
Dimethyl phthalate	ND		16.5	15.6		ug/L		94	59 - 141
Fluoranthene	ND		16.5	16.8		ug/L		102	55 - 147
Fluorene	ND		16.5	15.0		ug/L		91	55 - 143
Hexachlorobenzene	ND		16.5	17.3		ug/L		105	38 - 131
Hexachlorobutadiene	ND		16.5	14.4		ug/L		87	14 - 130
Hexachlorocyclopentadiene	ND		16.5	12.5		ug/L		75	13 - 130
Hexachloroethane	ND		16.5	10.7		ug/L		65	14 - 130

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: 480-101969-1 MS

Matrix: Water

Analysis Batch: 307920

Client Sample ID: MW-1

Prep Type: Total/NA

Prep Batch: 307776

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Indeno[1,2,3-cd]pyrene	ND		16.5	11.7		ug/L		71	69 - 146
Isophorone	ND		16.5	12.2		ug/L		74	48 - 133
N-Nitrosodi-n-propylamine	ND		16.5	11.6		ug/L		70	56 - 120
N-Nitrosodiphenylamine	ND		16.5	14.8		ug/L		90	25 - 125
Naphthalene	ND	F1	16.5	13.4		ug/L		81	35 - 130
Nitrobenzene	ND		16.5	12.3		ug/L		74	45 - 123
Pentachlorophenol	ND		33.0	24.9		ug/L		75	39 - 136
Phenanthrene	ND		16.5	15.6		ug/L		95	57 - 147
Phenol	ND		16.5	7.48		ug/L		45	17 - 120
Pyrene	ND		16.5	15.4		ug/L		93	58 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	116		52 - 132
2-Fluorobiphenyl	85		48 - 120
2-Fluorophenol	60		20 - 120
Nitrobenzene-d5	73		46 - 120
p-Terphenyl-d14	86		67 - 150
Phenol-d5	46		16 - 120

Lab Sample ID: 480-101969-1 MSD

Matrix: Water

Analysis Batch: 307920

Client Sample ID: MW-1

Prep Type: Total/NA

Prep Batch: 307776

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
bis (2-chloroisopropyl) ether	ND		15.6	8.18		ug/L		53	28 - 136	4	24
1,2,4-Trichlorobenzene	ND		15.6	13.6		ug/L		87	40 - 120	6	30
2,4,5-Trichlorophenol	ND		15.6	15.1		ug/L		97	65 - 126	2	18
1,2-Dichlorobenzene	ND		15.6	12.1		ug/L		78	33 - 120	4	29
2,4,6-Trichlorophenol	ND		15.6	14.3		ug/L		92	64 - 120	7	19
2,4-Dichlorophenol	ND		15.6	14.9		ug/L		96	64 - 120	1	19
2,4-Dimethylphenol	ND		15.6	12.9		ug/L		83	57 - 120	5	42
1,3-Dichlorobenzene	ND		15.6	11.5		ug/L		74	28 - 120	5	37
2,4-Dinitrophenol	ND		31.1	29.1		ug/L		94	42 - 153	3	22
2,4-Dinitrotoluene	ND		15.6	14.8		ug/L		95	62 - 148	6	20
1,4-Dichlorobenzene	ND		15.6	11.8		ug/L		76	32 - 120	2	36
2,6-Dinitrotoluene	ND		15.6	13.8		ug/L		89	65 - 154	7	15
2-Chloronaphthalene	ND		15.6	13.2		ug/L		84	41 - 124	4	21
2-Chlorophenol	ND		15.6	12.1		ug/L		78	48 - 120	6	25
2-Methylnaphthalene	ND		15.6	13.5		ug/L		87	34 - 122	5	21
2-Methylphenol	ND		15.6	11.2		ug/L		72	39 - 120	0	27
2-Nitroaniline	ND		15.6	11.6		ug/L		75	67 - 136	5	15
2-Nitrophenol	ND		15.6	13.5		ug/L		87	59 - 120	3	18
3,3'-Dichlorobenzidine	ND		31.1	29.1		ug/L		93	33 - 140	9	25
3-Nitroaniline	ND		15.6	11.4		ug/L		73	69 - 129	4	19
4,6-Dinitro-2-methylphenol	ND		31.1	31.7		ug/L		102	64 - 159	3	15
4-Bromophenyl phenyl ether	ND		15.6	16.5		ug/L		106	71 - 126	4	15
4-Chloro-3-methylphenol	ND		15.6	13.6		ug/L		88	64 - 120	2	27
4-Chloroaniline	ND		15.6	10.1		ug/L		65	60 - 124	8	22

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: 480-101969-1 MSD

Matrix: Water

Analysis Batch: 307920

Client Sample ID: MW-1

Prep Type: Total/NA

Prep Batch: 307776

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
4-Chlorophenyl phenyl ether	ND		15.6	15.0		ug/L		96	48 - 145	4	16
4-Methylphenol	ND		15.6	10.9		ug/L		70	36 - 120	6	24
4-Nitroaniline	ND		15.6	13.5		ug/L		87	64 - 135	8	24
4-Nitrophenol	ND		31.1	24.3		ug/L		78	16 - 120	9	48
Acenaphthene	ND		15.6	13.7		ug/L		88	60 - 120	5	24
Acenaphthylene	ND		15.6	13.1		ug/L		84	63 - 120	6	18
Anthracene	ND		15.6	14.2		ug/L		91	58 - 148	6	15
Benzo[a]anthracene	ND		15.6	14.0		ug/L		90	55 - 151	6	15
Benzo[a]pyrene	ND		15.6	11.8		ug/L		76	60 - 145	8	15
Benzo[b]fluoranthene	ND		15.6	12.2		ug/L		78	54 - 140	12	15
Benzo[g,h,i]perylene	ND		15.6	10.5		ug/L		67	66 - 152	12	15
Benzo[k]fluoranthene	ND		15.6	11.9		ug/L		76	51 - 153	5	22
Bis(2-chloroethoxy)methane	ND		15.6	11.2		ug/L		72	50 - 128	8	17
Bis(2-chloroethyl)ether	ND		15.6	10.1		ug/L		65	51 - 120	6	21
Bis(2-ethylhexyl) phthalate	ND	F1	15.6	7.07	F1	ug/L		45	53 - 158	7	15
Butyl benzyl phthalate	ND		15.6	13.8		ug/L		88	58 - 163	3	16
Carbazole	ND		15.6	15.4		ug/L		99	59 - 148	5	20
Chrysene	ND		15.6	13.7		ug/L		88	69 - 140	7	15
Di-n-butyl phthalate	ND		15.6	15.1		ug/L		97	58 - 149	5	15
Di-n-octyl phthalate	ND	F1	15.6	6.63	F1	ug/L		43	55 - 167	7	16
Dibenz(a,h)anthracene	ND		15.6	10.5		ug/L		67	57 - 158	8	15
Dibenzofuran	ND		15.6	13.9		ug/L		89	49 - 137	4	15
Diethyl phthalate	ND		15.6	14.7		ug/L		95	59 - 146	6	15
Dimethyl phthalate	ND		15.6	14.9		ug/L		96	59 - 141	5	15
Fluoranthene	ND		15.6	15.9		ug/L		102	55 - 147	5	15
Fluorene	ND		15.6	14.1		ug/L		91	55 - 143	6	15
Hexachlorobenzene	ND		15.6	16.6		ug/L		107	38 - 131	4	15
Hexachlorobutadiene	ND		15.6	14.1		ug/L		91	14 - 130	2	44
Hexachlorocyclopentadiene	ND		15.6	12.1		ug/L		78	13 - 130	3	49
Hexachloroethane	ND		15.6	10.5		ug/L		67	14 - 130	2	46
Indeno[1,2,3-cd]pyrene	ND		15.6	10.7		ug/L		69	69 - 146	9	15
Isophorone	ND		15.6	11.5		ug/L		74	48 - 133	6	17
N-Nitrosodi-n-propylamine	ND		15.6	10.9		ug/L		70	56 - 120	6	31
N-Nitrosodiphenylamine	ND		15.6	14.2		ug/L		91	25 - 125	4	15
Naphthalene	ND	F1	15.6	ND	F1	ug/L		0	35 - 130	NC	29
Nitrobenzene	ND		15.6	11.8		ug/L		76	45 - 123	3	24
Pentachlorophenol	ND		31.1	24.2		ug/L		78	39 - 136	3	37
Phenanthrene	ND		15.6	15.0		ug/L		96	57 - 147	4	15
Phenol	ND		15.6	6.89		ug/L		44	17 - 120	8	34
Pyrene	ND		15.6	14.5		ug/L		93	58 - 136	6	19

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	117		52 - 132
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	60		20 - 120
Nitrobenzene-d5	76		46 - 120
p-Terphenyl-d14	84		67 - 150
Phenol-d5	45		16 - 120

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-101969-1

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

Lab Sample ID: MB 480-307970/1-A
Matrix: Water
Analysis Batch: 308023

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 307970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		06/22/16 14:45	06/22/16 22:50	1
PCB-1221	ND		0.50	0.18	ug/L		06/22/16 14:45	06/22/16 22:50	1
PCB-1232	ND		0.50	0.18	ug/L		06/22/16 14:45	06/22/16 22:50	1
PCB-1242	ND		0.50	0.18	ug/L		06/22/16 14:45	06/22/16 22:50	1
PCB-1248	ND		0.50	0.18	ug/L		06/22/16 14:45	06/22/16 22:50	1
PCB-1254	ND		0.50	0.25	ug/L		06/22/16 14:45	06/22/16 22:50	1
PCB-1260	ND		0.50	0.25	ug/L		06/22/16 14:45	06/22/16 22:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		19 - 125	06/22/16 14:45	06/22/16 22:50	1
Tetrachloro-m-xylene	83		24 - 137	06/22/16 14:45	06/22/16 22:50	1

Lab Sample ID: LCS 480-307970/2-A
Matrix: Water
Analysis Batch: 308023

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 307970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.87		ug/L		97	62 - 130
PCB-1260	4.00	3.74		ug/L		94	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	77		19 - 125
Tetrachloro-m-xylene	87		24 - 137

Lab Sample ID: 480-101969-1 MS
Matrix: Water
Analysis Batch: 308023

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 307970

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		4.25	4.53		ug/L		107	28 - 165
PCB-1260	ND		4.25	2.87		ug/L		68	20 - 141

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	82		19 - 125
Tetrachloro-m-xylene	98		24 - 137

Lab Sample ID: 480-101969-1 MSD
Matrix: Water
Analysis Batch: 308023

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 307970

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	ND		4.08	3.66		ug/L		90	28 - 165	21	50
PCB-1260	ND		4.08	2.54		ug/L		62	20 - 141	13	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	72		19 - 125
Tetrachloro-m-xylene	80		24 - 137

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-101969-1

GC/MS VOA

Analysis Batch: 308511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101969-1	MW-1	Total/NA	Water	8260C	
480-101969-1 MS	MW-1	Total/NA	Water	8260C	
480-101969-1 MSD	MW-1	Total/NA	Water	8260C	
LCS 480-308511/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-308511/7	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 307776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101969-1	MW-1	Total/NA	Water	3510C	
480-101969-1 MS	MW-1	Total/NA	Water	3510C	
480-101969-1 MSD	MW-1	Total/NA	Water	3510C	
LCS 480-307776/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-307776/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 307920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101969-1	MW-1	Total/NA	Water	8270D	307776
480-101969-1 MS	MW-1	Total/NA	Water	8270D	307776
480-101969-1 MSD	MW-1	Total/NA	Water	8270D	307776
LCS 480-307776/2-A	Lab Control Sample	Total/NA	Water	8270D	307776
MB 480-307776/1-A	Method Blank	Total/NA	Water	8270D	307776

GC Semi VOA

Prep Batch: 307970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101969-1	MW-1	Total/NA	Water	3510C	
480-101969-1 MS	MW-1	Total/NA	Water	3510C	
480-101969-1 MSD	MW-1	Total/NA	Water	3510C	
LCS 480-307970/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-307970/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 308023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-101969-1	MW-1	Total/NA	Water	8082A	307970
480-101969-1 MS	MW-1	Total/NA	Water	8082A	307970
480-101969-1 MSD	MW-1	Total/NA	Water	8082A	307970
LCS 480-307970/2-A	Lab Control Sample	Total/NA	Water	8082A	307970
MB 480-307970/1-A	Method Blank	Total/NA	Water	8082A	307970

Lab Chronicle

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

TestAmerica Job ID: 480-101969-1

Client Sample ID: MW-1

Lab Sample ID: 480-101969-1

Date Collected: 06/20/16 15:30

Matrix: Water

Date Received: 06/20/16 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	308511	06/26/16 02:00	GVF	TAL BUF
Total/NA	Prep	3510C			307776	06/21/16 14:27	ARS	TAL BUF
Total/NA	Analysis	8270D		1	307920	06/22/16 16:14	DMR	TAL BUF
Total/NA	Prep	3510C			307970	06/22/16 14:45	ARS	TAL BUF
Total/NA	Analysis	8082A		1	308023	06/22/16 23:54	KS	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: 480-101969-1

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	03-31-17

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

1

2

3

4

5

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Method Summary

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

TestAmerica Job ID: 480-101969-1

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: 480-101969-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-101969-1	MW-1	Water	06/20/16 15:30	06/20/16 16:20

1

2

3

4

5

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7

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12

13

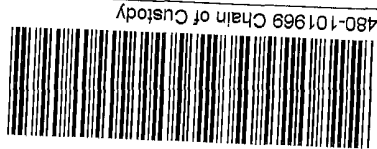
14

15

Chain of Custody Record

Client Information
 Client Contact: Steven Letten
 Company: Groundwater & Environmental Services Inc
 Address: 495 Aero Drive Suite 3
 City: Cheektowaga
 State/Zip: NY, 14225
 Phone: 800-287-7857 (Tel)
 Email: sleitten@gesonline.com
 Project Name: Cherry Farms Annual GW Sample
 Site:
 Lab PM: Stone, Judy L
 E-Mail: judy.stone@testamericainc.com

Analysis Request
 Due Date Requested:
 TAT Requested (days):
 PO #: 0901469
 WO #:
 Project #: 48002788
 SSOV#:
 Field Filtered Sample (Yes or No)
 Perform MS/MSD (Yes or No)



COC No: 480-81493-15219.2
 Page: Page 2 of 2
 Job #:
 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 - Na2S2O3
 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 X - other (specify)
 Other:
 Special Instructions/Note:
 MS/MSD Triple
 2/1um collected

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Groundwater, Other)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Request
MW-1	6/20/16	1530	Grab	Water				8082A - TCL PCBs - OLM04.2 8270D - (MOD) TCL SVOA - OLM04.2 8280C - (MOD) TCL Hst OLM04.2 8081B - TCL Pesticides - OLM04.2 8019C, 7470A 9012B - Cyanide, Total
				Water				
				Water				

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Unknown Radiological Poison B
 Deliverable Requested: I, II, III, IV, Other (specify)
 Empty Kit Relinquished by:
 Relinquished by:
 Relinquished by:
 Relinquished by:
 Custody Seals Intact:
 Custody Seal No.:
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months
 Special Instructions/QC Requirements:
 Method of Shipment:
 Date/Time: 6/20/16 1620
 Date/Time: 6/20/16 1620
 Date/Time:
 Date/Time:
 Cooler Temperature(s) °C and Other Remarks: 7.0 #1

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-101969-1

Login Number: 101969

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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 (Excluding tests with immediate HTs)..	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)

		8/8/1997	8/19/1997	8/20/1997	8/21/1997	8/22/1997	8/25/1997	9/4/1997	9/12/1997	10/3/1997	10/13/1997	11/21/1997	12/5/1997	12/24/1997	1/6/1998	2/2/1998	2/18/1998	4/1/1998	4/27/1998	5/27/1998	6/25/1998	7/31/1998	8/27/1998	9/28/1998	
WELL	Original																								
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	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	11.10	11.34	11.37	11.50	11.58	11.65	11.75	
MW-2	578.76	12.77	12.91	12.94	12.66	12.44	12.83	13.20	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	
MW-3	571.16	5.58	5.60	5.75	5.36	5.23	5.54	5.92	5.67	5.34	5.57	5.29	5.57	5.87	5.45	5.45	5.48	5.12	5.31	5.50	5.59	5.79	5.90	5.96	
MW-4	583.83	17.76	17.87	18.04	18.82	NM	18.13	18.25	18.25	17.85	17.94	18.20	17.96	18.10	20.17	NM	18.06	18.02	17.90	18.00	17.99	18.09	18.18	18.18	
MW-5	584.14	18.35	18.50	19.06	18.83	18.79	19.02	19.18	19.05	18.60	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	18.60	
MW-6	585.70	19.95	20.07	20.68	20.39	20.29	20.61	20.68	20.70	20.12	20.69	20.84	20.72	21.03	20.43	20.34	20.80	20.30	20.10	20.38	20.28	20.48	19.93	20.32	
MW-7	586.40	20.30	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	
OW-1	573.63	8.05	8.21	8.38	8.05	7.98	8.30	8.60	8.44	8.15	8.29	8.20	8.48	8.76	8.42	8.38	8.50	7.98	8.08	8.25	8.23	8.41	8.30	8.38	
OW-2	584.14	15.52	16.58	15.48	15.45	15.48	15.48	15.60	15.61	15.57	15.55	15.45	15.62	15.57	15.77	15.80	15.62	15.88	15.99	15.93	15.81	16.04	16.00	15.94	
OW-3	576.25	10.59	10.65	10.72	10.79	10.68	10.70	10.88	11.11	10.70	10.80	10.69	11.00	11.07	10.80	10.58	10.92	10.55	10.63	10.60	10.91	10.55	10.03	10.10	
OW-4	572.21	6.55	6.65	6.70	6.49	6.40	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	6.60	6.80	6.53	5.91	6.16	
OW-5	584.16	15.92	16.04	15.87	15.76	15.88	16.12	16.22	16.25	16.36	16.40	16.75	16.75	17.06	17.10	17.11	16.92	17.16	17.42	17.33	17.39	17.53	17.06	16.96	
OW-5	584.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
OW-6	572.12	6.05	6.10	6.19	6.18	6.22	6.30	6.48	6.49	6.15	6.27	6.09	6.30	6.36	5.97	5.70	6.03	5.82	6.01	6.22	6.56	6.25	4.28	4.45	
OW-6	572.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
OW-7	574.84	8.74	8.79	8.92	8.88	8.97	9.10	9.30	9.28	8.81	9.05	8.96	8.92	9.04	8.51	8.23	8.50	8.30	8.58	8.98	9.26	8.95	7.62	6.40	
OW-8	571.31	5.37	5.42	5.50	8.42	5.38	5.61	5.80	5.80	5.44	5.60	5.59	5.53	5.60	5.27	5.15	5.31	5.22	5.34	5.71	5.74	5.77	4.69	3.92	
OW-9	588.32	21.42	21.46	21.46	21.50	21.51	21.48	21.60	21.62	21.50	21.42	21.08	20.62	20.92	20.72	20.36	20.48	20.32	20.56	21.12	21.55	NM	NM	17.43	
S-1	571.84	8.80	6.06	7.04	7.67	7.89	8.10	8.50	7.75	6.17	6.05	6.97	7.80	8.07	6.40	6.45	7.68	5.84	5.99	6.00	7.56	7.32	6.86	5.75	
S-2	571.81	10.49	6.15	6.26	NM	6.16	6.23	NM	NM	6.15	6.31	6.20	6.51	6.61	6.28	6.07	6.38	6.01	6.10	6.14	6.40	6.08	5.37	5.59	
S-3	571.84	10.65	5.95	6.03	NM	6.05	6.16	6.36	6.40	6.00	6.18	5.96	6.28	6.33	5.88	5.63	6.03	5.75	5.94	6.10	6.47	6.01	4.51	4.80	
S-4	571.51	8.74	5.39	5.55	5.55	6.61	5.76	5.95	5.92	5.40	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	
RW-1	581.82	16.25	16.32	22.20	NM	NM	NM	NM	NM	NM	NM	16.13	22.17	22.17	21.18	16.28	19.42	21.51	21.31	21.20	21.53	21.28	21.08	21.85	
RW-2	581.82	15.91	15.99	22.18	NM	NM	NM	NM	NM	NM	NM	15.85	22.10	21.37	21.95	21.85	21.32	21.61	22.04	21.93	21.37	21.55	21.53	21.40	
RW-3	582.30	16.37	16.48	16.66	NM	NM	NM	NM	NM	NM	NM	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	
RW-4	581.83	15.95	16.09	22.25	NM	NM	NM	NM	NM	NM	NM	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	
RW-5	582.05	NM	16.37	22.40	NM	NM	NM	NM	NM	NM	NM	16.39	37.67	22.44	22.28	21.70	21.47	33.98	22.27	21.51	18.37	22.02	22.28	21.75	
RW-6	570.76	4.89	5.05	11.02	NM	NM	NM	NM	NM	NM	NM	5.21	10.05	10.93	10.14	10.90	10.46	10.40	10.19	10.55	8.05	10.42	10.12	5.36	
RW-7	570.67	4.78	4.93	11.05	NM	NM	NM	NM	NM	NM	NM	4.91	10.55	11.06	10.47	10.79	10.85	10.40	10.65	10.23	5.26	10.05	10.37	19.80	
RW-8	583.83	17.92	18.07	23.14	NM	NM	NM	NM	NM	NM	NM	22.39	22.51	23.09	18.47	18.40	22.26	22.68	22.63	22.60	18.40	18.45	22.23	22.69	
RW-9	583.86	17.88	18.00	24.10	NM	NM	NM	NM	NM	NM	NM	24.05	23.36	23.58	18.45	18.37	23.58	21.75	18.12	18.40	18.24	18.50	17.71	23.93	
RW-10	583.28	17.09	17.21	23.55	NM	NM	NM	NM	NM	NM	NM	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	
RW-11	581.22	15.10	15.18	20.28	NM	NM	NM	NM	NM	NM	NM	20.95	20.24	20.09	20.95	20.83	20.09	20.28	21.13	20.58	17.84	NM	20.32	21.07	
SG	568.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SG	567.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

** 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
NA = Not applicable
D = Destroyed/abandoned well
NM = DTW not measured

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)

		10/21/1998	11/23/1998	12/29/1998	1/28/1999	2/22/1999	3/29/1999	4/19/1999	5/28/1999	6/25/1999	7/25/1999	8/27/1999	9/27/1999	10/25/1999	11/8/1999	12/22/1999	1/27/2000	2/25/2000	3/24/2000	4/26/2000	5/26/2000	6/26/2000	7/21/2000	8/28/2000	9/29/2000	
	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	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)
MW-1	577.68	11.95	12.41	12.63	12.33	12.65	12.32	12.17	12.08	12.48	12.21	12.20	12.41	12.22	12.73	12.55	11.66	12.72	12.76	12.55	12.25	11.97	11.86	12.14	12.14	
MW-2	578.76	13.11	13.67	13.95	13.75	13.89	13.75	13.56	13.43	13.81	13.40	13.45	13.71	13.55	14.22	13.99	12.91	14.20	14.32	14.05	13.70	13.43	13.32	13.56	13.57	
MW-3	571.16	6.08	6.46	7.05	6.46	6.69	6.50	5.97	6.12	6.46	6.25	6.16	6.78	6.12	6.54	6.40	5.51	6.84	6.72	6.75	6.29	5.75	5.68	6.04	6.42	
MW-4	583.83	18.45	18.87	19.30	19.07	19.12	18.84	18.71	18.58	18.92	18.72	18.56	18.72	18.59	19.09	19.27	19.17	18.40	19.34	19.07	15.05	16.52	16.23	17.42	18.80	
MW-5	584.14	18.92	19.36	19.74	19.71	19.79	19.61	19.50	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	
MW-6	585.70	20.30	21.14	21.69	21.65	21.68	21.58	21.37	21.34	21.32	20.90	21.02	21.25	21.24	21.95	21.53	21.10	22.01	22.04	21.52	21.35	21.02	20.53	21.14	21.08	
MW-7	586.40	21.00	21.70	22.13	21.73	21.76	21.74	21.61	21.64	21.78	21.51	21.52	21.73	21.65	22.02	21.79	21.70	22.20	22.11	21.71	21.47	21.12	20.78	21.39	21.33	
OW-1	573.63	8.69	9.14	9.66	9.39	9.56	9.36	8.89	8.91	9.12	8.61	8.78	9.30	9.01	9.58	9.40	8.45	9.72	9.65	9.72	9.15	8.68	8.52	8.84	9.14	
OW-2	584.14	15.94	15.94	16.00	16.21	16.35	16.03	16.43	16.33	16.42	16.23	16.36	16.40	16.57	16.59	16.48	15.81	16.58	16.48	16.63	16.72	16.59	16.43	16.48	16.38	
OW-3	576.25	10.42	10.80	11.38	11.25	11.29	11.27	11.26	11.15	11.48	11.29	11.34	11.35	11.33	11.37	11.33	11.20	11.53	11.34	11.26	11.18	10.79	10.75	10.88	11.21	
OW-4	572.21	6.41	6.88	7.47	7.29	7.34	7.28	7.24	7.13	7.45	7.17	7.26	7.39	7.26	7.45	7.38	7.21	7.44	7.42	7.35	7.15	6.73	6.73	6.90	7.27	
OW-5	584.16	17.06	16.95	17.32	17.80	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	17.70	17.68	
OW-5	584.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
OW-6	572.12	5.03	5.64	6.77	6.51	6.63	6.67	6.77	6.78	7.06	6.91	6.96	7.04	6.94	6.89	6.88	6.57	7.12	6.89	6.85	6.70	6.17	6.19	6.49	6.93	
OW-6	572.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
OW-7	574.84	7.25	8.07	9.62	9.23	9.42	9.53	9.61	9.49	9.99	9.73	9.81	9.90	9.96	9.93	9.78	9.61	9.78	10.03	9.71	9.43	8.76	8.88	9.27	10.35	
OW-8	571.31	5.23	5.36	6.43	6.16	6.26	6.36	6.32	6.31	6.81	6.40	6.45	6.63	6.76	6.81	6.67	6.33	6.72	6.87	6.49	6.31	6.04	6.03	6.33	7.01	
OW-9	588.32	18.63	20.08	NM	NM	NM	NM	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	
S-1	571.84	7.70	7.23	7.95	7.68	7.61	7.76	7.71	7.62	7.59	7.67	7.65	7.60	7.52	7.80	7.51	7.02	7.85	7.65	7.71	7.79	7.85	7.47	7.78	7.61	
S-2	571.81	5.88	6.29	6.92	6.77	6.80	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	
S-3	571.84	5.23	5.78	6.70	6.41	8.34	6.53	6.61	6.60	6.91	6.73	6.82	6.79	6.71	6.74	6.73	6.59	6.81	6.68	6.68	6.55	5.99	6.03	6.27	6.85	
S-4	571.51	3.42	4.70	6.61	5.97	6.13	6.28	6.32	6.39	6.95	6.37	6.33	6.44	7.05	7.03	7.04	6.86	6.88	7.15	6.72	6.14	5.61	5.61	5.96	7.81	
RW-1	581.82	25.35	17.23	27.15	35.55	34.91	30.40	16.85	25.80	17.24	16.81	25.90	26.35	NM	17.48	17.35	17.66	34.67	17.60	25.64	25.68	16.61	16.57	NM	33.05	
RW-2	581.82	25.61	26.01	25.88	26.32	25.81	25.70	25.40	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	NM	26.05	
RW-3	582.30	26.55	26.77	38.32	26.43	26.71	26.51	26.67	26.51	26.52	36.58	17.19	17.35	27.25	27.25	37.21	37.10	28.23	27.87	23.09	19.83	19.68	16.82	NM	38.22	
RW-4	581.83	24.51	24.53	17.29	25.25	24.91	25.21	25.31	24.66	17.12	21.63	22.82	22.45	22.95	17.52	22.45	23.02	22.43	22.32	22.49	21.78	21.91	16.46	NM	16.88	
RW-5	582.05	25.42	37.62	25.61	25.68	37.84	37.57	37.68	26.03	37.85	37.71	26.54	25.96	17.31	35.95	25.75	25.31	26.00	30.41	25.65	26.20	26.47	16.74	NM	37.06	
RW-6	570.76	15.20	14.23	14.63	6.32	6.29	14.50	15.40	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	NM	15.43	
RW-7	570.67	14.97	5.72	22.12	14.95	14.90	14.07	14.96	NM	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	NM	5.84	
RW-8	583.83	27.12	26.70	26.12	26.57	26.11	26.62	26.90	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	
RW-9	583.86	18.31	27.23	19.63	27.65	27.78	27.17	27.55	NM	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	
RW-10	583.28	23.31	23.52	22.65	23.11	23.03	23.56	23.45	23.36	23.33	23.07	23.20	23.04	22.85	22.88	23.08	23.20	23.25	23.38	22.83	22.63	22.29	21.67	22.25	23.25	
RW-11	581.22	20.74	21.21	23.12	22.77	22.86	23.23	22.95	22.97	22.77	23.46	23.40	23.27	22.76	23.28	23.22	23.20	23.34	23.25	22.80	22.71	23.36	23.32	23.42	23.09	
SG	568.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.73	0.65	
SG	567.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

** 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
NA = Not applicable
D = Destroyed/abandoned well
NM = DTW not measured

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)

		11/1/2000	11/30/2000	12/11/2000	1/22/2001	2/27/2001	3/16/2001	4/20/2001	5/30/2001	6/18/2001	8/1/2001	8/24/2001	9/25/2001	10/22/2001	12/11/2001	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
	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	12.67	12.91	13.02	12.96	12.58	12.77	12.30	12.11	12.22	12.63	12.79	12.67	12.67	12.98	12.58	12.48	12.48	12.07	11.87	11.90	12.45	12.28	12.44	12.40
MW-2	578.76	14.14	14.46	14.63	14.32	14.11	14.45	13.75	13.61	13.69	13.93	14.13	13.90	14.08	14.50	14.11	13.91	13.96	13.48	13.25	13.26	13.80	13.57	13.62	13.65
MW-3	571.16	6.84	6.72	7.39	7.03	6.90	6.96	6.21	6.02	6.21	7.01	7.03	7.05	6.76	7.31	7.04	6.75	6.89	6.51	6.29	6.21	6.89	6.81	6.95	6.24
MW-4	583.83	19.35	13.50	18.87	19.69	19.32	19.39	19.00	18.83	18.87	19.22	19.52	19.51	12.27	14.45	8.50	16.02	16.51	18.55	18.64	18.81	19.25	19.02	19.12	18.76
MW-5	584.14	19.93	20.36	20.35	20.27	20.04	20.12	19.62	19.42	19.37	19.55	19.80	19.67	19.77	20.23	19.88	19.67	19.71	19.25	19.04	19.10	19.56	19.31	19.52	19.23
MW-6	585.70	21.65	21.95	22.18	21.84	21.76	22.34	21.41	21.25	21.21	21.32	21.47	21.43	21.65	21.92	21.81	21.64	21.56	20.96	20.87	20.81	21.22	21.02	21.22	21.02
MW-7	586.40	21.95	22.35	22.29	22.11	21.82	22.13	21.60	21.44	21.47	21.76	21.81	21.89	21.92	22.06	21.74	21.43	21.60	20.90	20.73	20.94	21.55	21.35	21.50	21.45
OW-1	573.63	9.42	9.60	10.13	9.97	9.78	9.75	9.10	8.90	8.99	9.60	9.67	9.53	9.59	10.10	9.77	9.55	9.67	9.28	8.82	8.93	7.42	9.28	9.31	8.86
OW-2	584.14	16.41	16.72	16.41	16.73	16.63	9.84	16.60	16.59	16.77	16.71	14.67	16.66	15.11	15.18	15.21	16.29	16.41	15.37	16.17	16.06	16.20	16.30	16.22	15.12
OW-3	576.25	11.65	11.85	11.77	11.83	11.63	11.47	11.42	11.21	11.16	11.67	11.71	11.79	11.45	11.45	11.15	10.84	10.86	10.47	10.37	10.58	10.83	10.87	11.08	11.26
OW-4	572.21	7.83	8.19	7.83	7.98	7.67	7.60	7.51	7.20	7.15	7.73	7.68	7.72	7.50	7.53	7.21	6.98	6.94	6.61	6.53	6.63	6.94	6.92	7.08	7.24
OW-5	584.16	17.98	18.27	18.31	18.58	18.48	18.53	18.24	18.25	18.14	18.16	18.24	18.32	18.52	18.65	18.01	17.69	17.70	17.40	17.15	17.30	17.41	17.39	17.57	17.79
OW-5	584.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OW-6	572.12	7.37	7.55	7.40	7.41	7.11	6.95	6.95	6.65	6.67	7.29	7.26	7.34	7.05	7.01	6.54	6.14	6.22	5.72	5.57	5.88	6.40	6.48	6.73	6.89
OW-6	572.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OW-7	574.84	10.72	10.24	10.43	10.28	9.90	9.65	9.73	9.38	9.38	10.12	10.17	10.30	9.87	9.91	9.23	8.71	8.87	8.31	8.07	8.47	9.02	9.21	9.48	9.53
OW-8	571.31	7.34	6.93	7.14	6.92	6.51	6.54	6.49	6.40	6.45	6.81	6.91	6.98	6.79	6.92	6.46	6.02	6.18	5.77	5.55	5.87	6.40	6.30	6.58	6.64
OW-9	588.32	22.11	22.22	22.20	22.03	21.70	21.73	21.65	21.67	21.78	22.12	22.17	22.37	22.06	21.90	21.38	20.92	21.27	20.77	20.48	21.07	21.68	21.87	22.07	22.17
S-1	571.84	7.63	7.55	7.62	7.59	7.95	7.57	7.68	7.65	7.56	7.53	7.27	7.26	6.56	8.21	7.95	7.90	7.72	5.82	5.85	6.15	6.19	6.15	5.92	5.95
S-2	571.81	7.35	7.69	7.31	7.49	7.09	6.96	6.94	6.56	6.55	7.17	7.15	7.23	6.91	6.91	6.57	6.31	6.30	5.89	5.83	6.01	6.33	NM	6.60	6.75
S-3	571.84	7.52	7.78	7.41	7.53	7.10	6.90	6.91	6.46	6.47	7.29	7.13	7.27	6.91	6.85	6.40	5.98	6.03	5.54	5.42	5.68	6.11	6.27	6.54	6.69
S-4	571.51	7.91	7.03	7.33	7.00	6.51	6.32	6.46	6.08	5.88	6.56	6.59	6.71	6.45	6.72	6.16	5.39	5.64	5.07	4.72	5.23	5.71	5.98	6.26	6.42
RW-1	581.82	17.38	16.57	26.50	35.65	34.39	17.82	17.05	16.71	16.95	33.22	27.04	32.51	33.12	35.85	34.45	26.78	34.11	32.39	31.25	26.25	33.71	34.30	34.22	17.11
RW-2	581.82	25.45	25.82	25.61	26.29	25.90	25.94	26.07	15.15	25.45	25.69	17.50	25.31	25.43	25.50	25.57	25.61	26.32	25.47	26.40	25.35	25.99	26.50	17.35	16.90
RW-3	582.30	36.06	38.47	37.34	34.30	28.45	21.10	29.14	30.56	30.58	28.61	35.13	32.19	22.65	34.11	31.95	30.25	29.02	26.10	29.27	30.10	31.28	32.20	33.89	17.35
RW-4	581.83	25.85	26.60	26.27	25.45	25.47	17.97	25.40	25.48	25.77	17.26	26.33	26.35	17.46	26.16	17.55	25.94	17.45	16.55	16.75	25.85	25.97	17.04	26.35	17.01
RW-5	582.05	37.83	36.50	37.41	37.70	28.55	22.27	21.82	21.01	20.51	20.58	22.95	24.00	24.90	25.49	17.75	17.48	23.81	23.55	22.15	22.53	27.20	27.61	35.15	17.29
RW-6	570.76	15.08	19.48	22.90	16.40	13.14	11.29	10.24	6.08	6.06	14.77	6.40	14.30	14.71	15.35	8.29	7.48	7.61	14.80	14.12	14.81	11.07	14.95	14.61	6.11
RW-7	570.67	14.30	14.10	19.55	6.70	6.51	6.90	18.35	14.55	14.88	14.43	6.29	14.99	14.92	6.75	14.75	14.90	14.50	14.43	14.31	14.95	14.95	14.79	14.78	5.98
RW-8	583.83	26.32	26.30	20.18	26.08	19.36	26.09	18.86	26.85	18.46	19.33	26.41	19.38	19.55	26.45	26.70	26.07	27.03	18.95	26.76	19.05	19.18	18.99	19.12	19.05
RW-9	583.86	19.50	19.91	20.13	19.78	27.15	27.52	27.42	28.01	27.04	19.32	19.45	27.23	27.26	19.77	27.15	27.07	26.91	18.81	27.92	27.71	28.10	28.41	27.64	19.01
RW-10	583.28	23.04	22.70	22.82	23.33	22.62	22.95	22.76	22.46	22.74	22.64	18.74	23.33	23.03	22.55	23.05	22.88	23.20	17.89	17.85	17.93	21.35	18.15	18.49	18.46
RW-11	581.22	22.78	23.44	22.85	23.70	23.61	23.68	23.65	22.90	22.76	23.07	23.53	23.36	23.49	23.55	23.22	23.59	23.12	15.38	22.81	15.61	22.51	23.11	23.55	16.37
SG	568.89	0.06	0.30	DRY	DRY	DRY	DRY	0.44	0.52	0.62	0.54	0.35	0.62	0.30	DRY	DRY	DRY	DRY	0.40	0.65	0.65	0.65	0.65	0.80	0.65
SG	567.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

** 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
NA = Not applicable
D = Destroyed/abandoned well
NM = DTW not measured

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)

		11/22/2002	12/16/2002	1/30/2003	2/28/2003	3/11/2003	4/15/2003	5/28/2003	6/23/2003	7/18/2003	8/29/2003	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
	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	12.80	12.66	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
MW-2	578.76	14.30	14.25	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
MW-3	571.16	6.61	6.55	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
MW-4	583.83	19.05	19.05	NM	NM	NM	18.50	18.38	18.12	18.51	18.60	18.58	18.81	16.37	17.68	NM	NM	NM	1.85	1.65	16.20	18.13	17.97	18.07	18.80
MW-5	584.14	20.01	20.04	NM	20.15	19.96	19.27	19.17	18.83	19.17	19.30	19.21	19.68	19.26	19.72	19.52	NM	19.75	19.26	18.89	18.80	18.83	18.72	18.78	19.55
MW-6	585.70	21.81	21.85	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
MW-7	586.40	22.01	21.89	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
OW-1	573.63	9.51	9.55	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
OW-2	584.14	16.09	16.42	NM	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
OW-3	576.25	11.25	11.69	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
OW-4	572.21	7.44	7.62	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
OW-5	584.16	17.84	18.00	NM	17.98	18.12	17.84	17.64	17.60	17.46	17.51	17.64	17.95	17.56	17.39	NM	NM	17.39	16.88	16.52	16.65	16.70	16.61	16.45	16.78
OW-5	584.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OW-6	572.12	6.75	6.73	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
OW-6	572.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OW-7	574.84	9.82	9.62	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
OW-8	571.31	6.70	6.58	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
OW-9	588.32	21.94	21.75	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
S-1	571.84	7.95	7.65	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
S-2	571.81	6.97	7.10	NM	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
S-3	571.84	6.56	6.52	NM	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
S-4	571.51	6.94	7.00	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
RW-1	581.82	11.85	8.92	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
RW-2	581.82	16.06	14.96	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
RW-3	582.30	13.05	17.39	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
RW-4	581.83	17.41	17.41	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
RW-5	582.05	16.15	17.67	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
RW-6	570.76	6.25	6.35	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
RW-7	570.67	4.21	6.41	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
RW-8	583.83	19.52	19.65	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
RW-9	583.86	19.22	18.74	NM	17.77	19.53	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-10	583.28	18.81	18.68	NM	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
RW-11	581.22	16.55	16.37	NM	NM	NM	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
SG	568.89	DRY	DRY	NM	NM	NM	0.20	0.50	0.95	0.45	0.85	0.80	0.20	0.15	0.10	NM	NM	NM	0.40	0.60	1.00	0.90	0.90	0.90	0.10
SG	567.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

** 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
NA = Not applicable
D = Destroyed/abandoned well
NM = DTW not measured

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)

		2/15/2005	4/20/2005	8/1/2005	12/8/2005	3/21/2006	6/23/2006	9/26/2006	12/19/2006	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
WELL	Original																							
NAME	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
	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	11.70	11.54	11.98	12.42	12.01	11.56	11.48	12.10	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
MW-2	578.76	13.38	13.25	16.42	14.20	13.77	13.10	13.33	13.78	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
MW-3	571.16	5.95	5.83	6.32	6.71	6.44	5.83	5.87	6.30	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
MW-4	583.83	NM	14.45	18.28	18.80	18.71	17.95	16.40	16.18	17.36	NM	18.31	18.62	19.01	18.44	18.10	18.32	18.96	15.36	18.41	18.31	19.45	16.42	17.61
MW-5	584.14	19.14	18.73	18.90	19.80	19.47	18.58	18.94	19.31	19.72	18.93	19.01	19.32	19.79	19.27	18.80	19.01	19.81	18.71	19.06	18.98	19.20	19.54	18.23
MW-6	585.70	20.85	20.45	20.72	21.58	21.29	20.49	20.73	20.95	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
MW-7	586.40	20.87	20.45	21.10	21.45	21.22	20.75	20.94	20.96	21.33	20.54	21.08	21.44	21.83	20.93	20.80	21.01	21.18	20.24	20.88	20.94	21.22	21.28	20.11
OW-1	573.63	5.80	8.51	8.76	9.33	9.17	8.37	8.58	8.93	NM	8.34	8.86	9.21	9.52	8.89	8.50	8.82	9.31	8.29	8.61	8.81	9.02	9.03	7.88
OW-2	584.14	3.31	15.26	15.26	15.15	15.30	15.13	15.11	15.15	NM	15.22	15.29	15.41	15.47	15.36	15.10	15.16	15.15	15.09	14.89	14.82	15.07	15.21	14.52
OW-3	576.25	10.23	9.48	10.61	10.12	9.58	10.20	10.13	9.16	NM	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
OW-4	572.21	6.23	6.04	6.81	6.72	6.47	6.51	6.65	6.24	NM	6.25	6.82	7.21	7.38	6.57	6.52	6.66	6.69	6.23	6.57	NM	6.98	6.90	5.96
OW-5	584.16	16.52	16.05	16.67	17.31	16.39	16.72	16.80	16.08	NM	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	NA
OW-5	584.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.19
OW-6	572.12	5.05	4.85	6.27	5.80	5.47	5.95	5.91	4.80	NM	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	NA
OW-6	572.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.33
OW-7	574.84	7.62	NM	9.00	8.51	8.17	8.65	5.63	7.38	NM	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
OW-8	571.31	5.65	5.37	6.22	5.85	5.80	5.98	5.97	5.40	NM	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
OW-9	588.32	20.58	19.96	21.62	20.77	20.58	21.49	21.29	20.06	NM	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
S-1	571.84	7.23	4.95	8.12	5.45	7.71	5.67	5.55	4.70	NM	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
S-2	571.81	5.23	4.90	6.08	5.65	5.34	5.70	5.66	4.65	NM	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
S-3	571.84	4.84	4.36	6.02	5.54	5.20	5.61	5.63	4.50	NM	4.15	5.29	5.94	5.99	4.70	4.82	5.21	4.72	4.42	4.59	5.07	5.21	5.16	3.93
S-4	571.51	5.38	4.03	5.67	5.92	5.66	5.37	5.68	4.95	NM	NM	5.46	6.06	6.25	4.95	5.40	5.71	5.06	3.92	5.15	5.65	5.91	6.14	4.80
RW-1	581.82	13.96	16.39	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-2	581.82	15.54	16.31	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-3	582.30	5.92	16.72	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-4	581.83	16.64	16.25	16.35	17.32	16.95	16.08	16.42	16.80	17.24	16.45	16.45	16.85	17.18	16.77	16.28	16.49	17.51	NM	16.57	16.45	16.66	17.05	15.76
RW-5	582.05	13.50	16.52	16.65	17.53	17.27	16.35	16.55	17.10	17.49	10.70	16.81	17.11	17.52	17.02	16.61	16.80	NM	NM	16.88	16.75	16.91	17.26	16.03
RW-6	570.76	3.62	5.25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-7	570.67	1.60	5.13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-8	583.83	18.60	18.20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-9	583.86	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-10	583.28	17.61	17.20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-11	581.22	15.37	14.90	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
SG	568.89	0.40	0.90	1.05	DRY	0.70	1.80	1.00	1.80	NM	2.80	3.10	2.60	2.01	3.43	4.25	4.10	3.10	4.20	3.90	4.30	NM	NM	NA
SG	567.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.45

** 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
NA = Not applicable
D = Destroyed/abandoned well
NM = DTW not measured

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)

		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	3/23/2015	6/19/2015	9/24/2015	12/28/2015	3/21/2016	6/20/2016	9/26/2016	12/19/2016
WELL	Original																						
NAME	ELEV.	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW	DTW
	TOC	(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	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	12.08	11.36	11.51	12.34	11.57	11.31	11.61	12.00
MW-2	578.76	12.68	13.38	12.98	13.69	13.83	14.36	14.05	13.65	13.60	13.70	13.91	13.15	13.56	13.51	13.97	13.02	13.28	14.21	12.27	12.90	12.91	13.72
MW-3	571.16	5.36	5.88	5.68	6.34	6.69	6.86	6.42	6.16	5.76	6.27	6.50	6.27	6.17	6.05	6.55	5.65	5.82	NM	3.98	5.32	5.79	NM
MW-4	583.83	NM	NM	NM	18.41	18.77	19.03	11.57	18.45	18.40	18.45	18.75	18.13	18.48	18.29	12.50	15.38	18.10	5.17	18.14	17.85	17.92	8.60
MW-5	584.14	18.17	18.91	18.70	19.11	19.26	19.86	19.54	19.15	19.50	19.30	19.51	18.75	19.03	18.97	19.69	18.75	18.78	19.85	18.80	18.35	18.41	18.74
MW-6	585.70	19.98	20.68	20.51	21.06	21.10	21.73	21.42	21.05	20.97	21.05	21.37	20.57	20.96	20.90	21.56	20.52	20.67	21.87	20.57	20.17	20.44	21.10
MW-7	586.40	20.42	20.55	20.31	21.12	21.46	21.87	21.34	21.09	21.15	20.90	21.22	20.75	21.23	21.15	21.40	20.54	20.91	21.70	20.63	20.44	20.96	21.31
OW-1	573.63	7.92	8.48	8.16	9.11	9.18	9.56	9.19	8.57	8.90	8.88	9.06	8.77	9.09	8.91	8.99	8.37	8.66	9.17	8.47	8.27	8.40	8.77
OW-2	584.14	14.65	14.83	14.51	14.64	14.92	15.25	15.85	15.19	9.21	15.32	14.85	14.70	14.79	15.01	15.39	15.25	15.05	15.37	15.07	14.80	15.74	15.21
OW-3	576.25	9.99	8.78	8.41	9.68	10.35	10.70	9.35	9.42	9.75	9.55	9.11	9.52	9.95	10.21	9.30	8.88	9.90	9.88	8.86	8.10	10.17	10.12
OW-4	572.21	6.39	6.39	6.24	6.84	7.36	8.08	6.99	6.76	6.90	6.55	6.69	6.60	6.97	7.11	6.86	6.27	6.74	6.95	6.37	6.30	6.82	7.11
OW-5	584.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OW-5	584.03	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	17.35	16.10	16.43	17.25	16.18	16.10	16.14	17.47
OW-6	572.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OW-6	572.17	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	5.29	4.80	5.56	5.83	4.62	4.44	6.10	5.92
OW-7	574.84	8.64	7.42	7.04	8.07	9.60	9.77	7.79	7.74	8.38	7.70	7.50	7.11	8.61	8.86	7.81	7.17	8.26	8.43	7.02	6.99	8.73	8.44
OW-8	571.31	5.81	5.41	5.32	5.94	6.77	7.00	5.60	5.56	6.04	5.40	5.50	5.44	6.31	6.15	5.50	5.30	5.96	6.18	5.09	5.00	5.89	6.03
OW-9	588.32	21.36	20.11	19.76	20.98	21.78	21.73	20.36	20.53	20.93	20.20	20.15	20.22	21.29	21.50	20.70	20.00	21.06	21.37	19.87	19.71	21.38	21.11
S-1	571.84	5.46	4.77	3.74	7.06	7.47	7.61	5.86	5.47	6.10	5.11	5.12	4.89	6.54	7.44	4.89	4.56	5.44	4.95	6.14	6.20	4.70	4.48
S-2	571.81	5.41	4.86	3.87	5.04	5.78	6.20	4.75	4.83	5.18	4.90	4.50	4.55	5.38	5.81	4.73	4.52	5.30	5.31	4.22	4.15	5.71	5.57
S-3	571.84	5.33	5.05	3.94	5.00	5.90	6.15	4.75	4.86	5.20	4.81	4.50	4.43	5.44	5.76	4.65	4.47	5.25	5.37	4.20	4.13	5.82	5.67
S-4	571.51	6.90	5.85	5.83	4.77	8.70	8.78	5.55	6.06	6.45	5.95	5.32	4.60	7.25	6.57	4.82	5.34	5.68	6.60	3.80	3.92	5.52	5.13
RW-1	581.82	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-2	581.82	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-3	582.30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-4	581.83	15.65	16.37	16.20	16.60	16.77	17.37	17.00	16.70	16.55	16.73	17.01	16.37	16.57	16.55	17.23	16.50	16.30	17.35	16.34	15.99	15.93	16.79
RW-5	582.05	NM	12.79	16.45	16.88	16.96	17.70	17.40	17.06	16.95	17.00	17.25	16.61	16.90	16.90	16.72	16.60	16.57	9.80	16.65	16.25	16.46	10.61
RW-6	570.76	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-7	570.67	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-8	583.83	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-9	583.86	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-10	583.28	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
RW-11	581.22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
SG	568.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SG	567.75	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	3.92	2.97	2.74	4.37	2.80	2.94	2.38	3.32

** 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
NA = Not applicable
D = Destroyed/abandoned well
NM = DTW not measured

APPENDIX B-2
Historically Detected Compounds
(Monitoring Wells, 1997-2016)

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	MW-1 162140	MW-1 G5092	MW-1 H0915	MW-1 H7392	MW-1 J8338	MW-1 M0188	MW-1 N4875	MW-1 Q3850	MW-1 R7149	MW-1 S7281
		Source: SDG:	Columbia MW1	OBG 5116	OBG 6847	OBG 7810	OBG 9571	OBG 1489	OBG 3856	OBG 5490	OBG 7645	OBG 9259	OBG Water
		Matrix: Sampled:	Water 8/12/1997	Water 11/20/1997	Water 2/19/1998	Water 5/27/1998	Water 10/21/1998	Water 4/19/1999	Water 11/9/1999	Water 4/27/2000	Water 12/13/2000	Water 6/19/2001	
CAS NO.	COMPOUND	UNITS:											
VOLATILES													
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	4 J	5 J, B	ND	ND	ND	2 J
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	19	19	ND	7 J	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	2 J	1 J, B	ND	ND	1 J	ND
108-88-3	Toluene	5	µg/L	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				4	ND	ND	ND	6	25	ND	7	1	2
SEMIVOLATILES													
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	ND	ND	ND	ND	ND	ND	ND	ND	2 J
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	2 J, B	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				4	ND	ND	ND	ND	ND	ND	ND	ND	2
PESTICIDES													
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	0.00055 J, P	ND	0.0012 J	ND	0.01 B, J, P	ND	ND	ND	ND
319-85-7	beta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	0.0033 J, P	0.0009 J, P	ND
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	0.00072 J, P	ND	0.003 J, P	0.0034 B, J, P	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	0.0022 B, J, P	0.0013 J, P	ND	ND	ND	ND
72-20-8	Endrin	ND	µg/L	ND	ND	ND	ND	ND	0.0032 J, P	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	0.032 J	0.00053 J, P	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.01 J, P	0.0024 J, P	0.008 B, J, P	ND	0.003 J	0.0015 J, P	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	0.0038 J	0.0019 J	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0042 B, J, P	ND
Total Pesticides				ND	0.00055	ND	0.01192	0.0046	0.0261	0.0405	0.00683	0.0066	ND
PCBs													
None detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	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	4760
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	1.7 B	3.2 B	ND	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	35.3	23.9	25	23.8	23.9	24.5	29.9	29.4	29.7	29.6
7440-39-3	Barium	1000	µg/L	733	353	447	340	353	353	472	516	624	537
7440-41-7	Beryllium	3 (G)	µg/L	0.46 B	0.1 B	0.17 B	ND	0.14 B	0.38 B	0.24 B	0.35 B	0.53 B	0.2 B
7440-43-9	Cadmium	5	µg/L	1.8 B	0.48 B	ND	ND	ND	0.62 B	ND	ND	ND	ND
7440-70-2	Calcium	NS	µg/L	188,000	203,000	213,000	206,000	214,000	222,000	247,000	243,000	270,000	232,000
7440-47-8	Chromium	50	µg/L	1.7 B	6.5 B	7.2 B	5 B	11.5	9 B	12.6 E	16.9	13.7	60.7
7440-48-4	Cobalt	NS	µg/L	ND	ND	ND	ND	ND	ND	2.8 B	3.5 B	3.4 B	2.8 B
7440-50-8	Copper	200	µg/L	ND	5.3 B	4.6 B	5.2 B	7.2 B	3.8 B	11.3 B	13.9 B	11.7 B	10.3 B
7439-89-6	Iron	300	µg/L	7,410	10,300	11,800	11,600	13,100	9,120	16,600	19,900	14,500	16,500
7439-92-1	Lead	25	µg/L	ND	1.1 B	1.3 B	ND	4.5	3.4	5	5.6	8.2	4.8
7439-95-4	Magnesium	35000 (G)	µg/L	54,600	47,400	52,600	49,200	53,500	52,700	64,300	62,900	56,100	55,900
7439-96-5	Manganese	300	µg/L	58.2	136	188	157	201	155	297	309	344	208
7440-02-0	Nickel	100	µg/L	ND	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	30.7 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	3280 B
7782-49-2	Selenium	10	µg/L	ND	ND	ND	ND	2.3 B	ND	3.2 B	ND	ND	ND
7440-22-4	Silver	50	µg/L	1.3 B	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	20000	µg/L	35,500	33,100	38,800	34,400	33,400	39,100	43,600 E	43,600	40,900	40,500
7440-28-0	Thallium	0.5 (G)	µg/L	16	4.4 B	ND	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	ND	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	9.1 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	26.6
57-12-5	Cyanide	200	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Inorganics				288,968	297,269	321,773	305,495	318,793	326,102	379,841	381,421	390,789	353,860

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.
MS = Matrix Spike
MSD = Matrix Spike Duplicate
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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.
E = Concentration exceeds method limit.
F1 = MS or MSD Recovery is outside acceptance limits

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	MW-1 T6808	MW-1 V4308	MW-1 Z7440	MW-1 A7549	MW-1 B4250	MW-1 E1139	MW-1 0508015-004A	MW-1 0603100-003A	MW-1 A7E98502	MW-1 A8E15002	MW-1 RSI0359-01
			Source: SDG: Matrix: Sampled:	OBG 724 Water 12/11/2001	OB 2494 Water 6/17/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/25/2003	OB 6968 Water 12/15/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/2/2005	LSL-BL 6030950 Water 3/22/2006	TA A07-E985 Water 12/26/2007	TA A8-E150 Water 11/6/2008	TA RSI0296 Water 9/10/2009
CAS NO.	COMPOUND		UNITS:											
VOLATILES														
67-64-1	Acetone	50 (G)	µg/L	ND	ND	2 J, B	ND	ND	2 J, B	4 B, J	2 B, J	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	8 J	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	1 J, B	1 J	0.8 J, B	ND	ND	0.7 J, B	0.6 B, J	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				1	1	2.8	8	ND	2.7	4.6	2	ND	ND	ND
SEMIVOLATILES														
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.4 B, J	ND	0.49 J
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	0.49
PESTICIDES														
309-00-2	Aldrin	ND	µg/L	ND	0.0081 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-85-7	beta-BHC	0.04	µg/L	ND	ND	ND	ND	0.015 J, P	ND	ND	ND	ND	ND	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	0.0011 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	0.0038 J, P	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	0.0069 B, J, P	ND	ND	0.005 B, J	ND	ND	ND	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	0.0037 J, P	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.015 J, P	ND	0.0045 B, J, P	ND	ND	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Pesticides				0.008	0.0081	ND	0.0275	0.015	0.0045	NA	NA	NA	NA	NA
PCBs														
None detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
INORGANICS														
7429-90-5	Aluminum	NS	µg/L	7810	3660	11500	4090	3680	3230					
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	ND	ND					
7440-38-2	Arsenic	25	µg/L	40.6	28.7	36.8	35.6	28.7	31.3					
7440-39-3	Barium	1000	µg/L	821	419	1170	731	650	603					
7440-41-7	Beryllium	3 (G)	µg/L	0.41 B	0.16 B	0.63 B	0.1 B	0.1 B	ND					
7440-43-9	Cadmium	5	µg/L	ND	ND	ND	ND	0.1	ND					
7440-70-2	Calcium	NS	µg/L	256,000	273,000	279,000	217,000	230,000	207,000					
7440-47-8	Chromium	50	µg/L	19	9.2 B, E	21	9.3 B	8.5 B	7.8 B					
7440-48-4	Cobalt	NS	µg/L	5.9 B	ND	5.4 B	ND	ND	ND					
7440-50-8	Copper	200	µg/L	17 B	6.9 B	23 B	7.4 B	6.8 B	4.4 B					
7439-89-6	Iron	300	µg/L	22,700	14,000	30,600	14,700	14,700	12,000					
7439-92-1	Lead	25	µg/L	8.5	5.8 N	10.6	2.7 B		2.6 B					
7439-95-4	Magnesium	35000 (G)	µg/L	66,000	65,900	71,700	57,000	56,300	52,400					
7439-96-5	Manganese	300	µg/L	387	406	563	210	191	165					
7440-02-0	Nickel	100	µg/L	19 B	2.2 B	19 B	5.5 B	6.5 B	6 B					
7440-09-7	Potassium	NS	µg/L	3820 B	3920 B	5210	3080 B	2990 B	2510 B					
7782-49-2	Selenium	10	µg/L	ND	ND	ND	ND	2.7 B	ND					
7440-22-4	Silver	50	µg/L	ND	ND	ND	ND	ND	ND					
7440-23-5	Sodium	20000	µg/L	42,100	40,800 E	42,100	40,500	44,000	41,100					
7440-28-0	Thallium	0.5 (G)	µg/L	ND	ND	ND	ND	ND	ND					
7440-62-2	Vanadium	NS	µg/L	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	46.2	38.8	66.4	47.5	18 B	21.2					
57-12-5	Cyanide	200	µg/L	ND	ND	ND	4.4 B	ND	ND					
Total Inorganics				399,811	402,205	442,049	337,432	352,589	319,087	NA	NA	NA	NA	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value
MS = Matrix Spike
MSD = Matrix Spike Duplicate
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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
B = Compound was found in the blank and sample.
E = Concentration exceeds method limit.
F1 = MS or MSD Recovery is outside acceptance limits

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	MW-1 RTF0798-01	MW-1 480-2185-1	MW-1 480-14453-1	MW-1 480-23574-7	MW-1 480-38363-1	MW-1 480-56775-1	MW-1 480-70616-6	MW-1 480-83528-6	MW-1 480-101674-2	MW-1 (MS/MSD) 480-101969-1
			Source: SDG: Matrix: Sampled:	TA RTF0798 Water 6/10/2010	TA 480-2185 Water 3/3/2011	TA 480-14453 Water 12/23/2011	TA 480-23574 Water 8/7/2012	TA 480-38363 Water 5/15/2013	TA 480-56775 Water 3/27/2014	TA 480-70616 Water 11/3/2014	TA 480-83528 Water 7/8/2015	TA 480-101674 Water 6/15/2016	TA 480-101969 Water 6/20/2016
CAS NO.	COMPOUND		UNITS:										
VOLATILES													
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SEMIVOLATILES													
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F1
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	0.80 J B	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	0.45 J	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	0.79 J B	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	0.62 J	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	0.84 J	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	1.1 J B	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	0.32 J	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	0.32 J	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	0.39 J	1.7 J, B	ND	0.77 J B	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	0.85 J B	ND	ND	ND	ND	ND F1
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	0.50 J	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	0.44 J	ND	ND	ND	ND	ND
Total SVOCs				ND	0.39	1.7	ND	7.48	ND	ND	ND	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	NA
PCBs													
None detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	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	NA

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
MS = Matrix Spike
MSD = Matrix Spike Duplicate
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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
B = Compound was found in the blank and sample.
E = Concentration exceeds method limit.
F1 = MS or MSD Recovery is outside acceptance limits

Appendix B-2b - Monitoring Well MW-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 Groundwater Analytical Data		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Historically Detected Compounds				162139	G5114	H0916	H7394	J8340	M0190	N4874	Q3851	R7150	S7278
		Source: Columbia	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	
		SDG: MW1	5116	6847	7810	9571	1489	3856	5490	7645	9259		
		Matrix: Water	Water	Water	Water	Water	Water	Water	Water	Water	Water		
		Sampled: 8/12/1997	11/20/1997	2/19/1998	5/28/1998	10/21/1998	4/20/1999	11/8/1999	4/27/2000	12/13/2000	6/19/2001		
CAS NO.	COMPOUND		UNITS:										
VOLATILES													
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	4 J	ND	ND	3 J	ND	4 J
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	2 J	ND	4 J	ND	ND
67-66-3	Chloroform	7	µg/L	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND
	Xylene (total)	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				ND	1	ND	ND	6	2	ND	7	ND	4
SEMIVOLATILES													
95-95-4	2,4,5-Trichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-Trichlorophenol	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
606-20-2	2,6-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
89-63-4	2-Nitroaniline	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-94-1	3,3'-Dichlorobenzidine	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59-50-7	4-Chloro-3-methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7005-72-3	4-Chlorophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	1 J	1 J	ND	ND	ND	2 J, P	ND	1 J	
85-68-7	Butyl benzyl phthalate	50	µg/L	2 J, B	ND	ND	ND	ND	ND	ND	ND	ND	
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
84-66-2	Diethyl phthalate	50 (G)	µg/L	1 J	ND	ND	ND	ND	ND	ND	ND	ND	
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
84-74-2	Di-n-butyl phthalate	50	µg/L	3 J, B	ND	ND	ND	ND	ND	ND	ND	ND	
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
118-74-1	Hexachlorobenzene	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
86-30-6	N-Nitrosodiphenylamine	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-95-2	Phenol	1	µg/L	4 J, B	ND	ND	ND	ND	ND	ND	ND	ND	
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total SVOCs				12	1	1	ND	ND	ND	ND	2	ND	1
PESTICIDES													
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	0.0024 J	ND	0.0089 B, J	ND	ND	ND	ND
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.00059 J, P	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	ND	0.0007 J, P	ND	ND	0.0029 J, P	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	0.0012 J, P	ND	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	0.003 J, P	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	25 J, P	ND	ND	0.00092 J, P	0.002 J, P	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	0.0042 J, P	0.0048	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	0.0051 J, P	0.037 J, P	0.0052 J, P	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.0025 J, P	0.0016	0.013 B, J, P	ND	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	0.00047 J, P	ND	0.0024 J, P	ND	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0028 B, J, P	ND
Total Pesticides				ND	ND	25	0.01257	0.0064	0.03222	0.039	0.0052	0.00629	ND
PCBs													
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	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	16300
7440-36-0	Antimony	3	µg/L	2.6 B, E	ND	ND	ND	ND	2.9 B	ND	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	38.7	51.1	45.2	35.7	34.6	27.5	35.9	43.4	24.4	40.9
7440-39-3	Barium	1000	µg/L	76.9 B	457	432	275	260	180 B	291	440	130 B	247
7440-41-7	Beryllium	3 (G)	µg/L	0.38 B	2 B	1.7 B	0.94 B	0.88 B	0.71 B	1.1 B	1.7 B	0.66 B	0.75 B
7440-43-9	Cadmium	5	µg/L	0.89 B	1.5 B	0.5 B	ND	1.1 B	0.86 B	0.56 B	0.93 B	ND	ND
7440-70-2	Calcium	NS	µg/L	202000	459000	452000	378000	344000	347000	345000	521000	352000	341000
7440-47-8	Chromium	50	µg/L	ND	94.1	89.4	77.8	103	56.3	80.2 E	111	19.6	79
7440-48-4	Cobalt	NS	µg/L	ND	29.4 B	23.6 B	10.8 B	13.3 B	9.2 B	13.8 B	22.6 B	3.6 B	11.6 B
7440-50-8	Copper	200	µg/L	ND	112	103	51.1	55.9	33.2	50.1	80.8	12.1 B	40.8
7439-89-6	Iron	300	µg/L	6020	79000	67700	42000	38800	27200	42100	66400	12900	40500
7439-92-1	Lead	25	µg/L	ND	108	85.1	45.4	39.2	26.7	40.8	66.6	13.2	30.3
7439-95-4	Magnesium	35000 (G)	µg/L	66300	118000	118000	95400	109000	103000	115000	171000	74300	97000
7439-96-5	Manganese	300	µg/L	59.6	1920	1810	1160	1000	949	941	1910	703	777
7439-97-6	Mercury	0.7	µg/L	ND	0.17 B	ND	0.1 B	ND	ND	ND	ND	0.17 B	ND
7440-02-0	Nickel	100	µg/L	ND	77.5	73.1	51.2	61.2	35 B	53.2 E	76.4	13.3 B	53.7
7440-09-7	Potassium	NS	µg/L	2200 B	7800	7460	5660	4200 B	4330 B	7560	11200	35.3 B, E	5870
7782-49-2	Selenium	10	µg/L	ND	6.2	ND	ND	2 B	ND	ND	ND	ND	ND
7440-23-5	Sodium	20000	µg/L	16500	19700	20100	15900	18700	19100	21400 E	23400	15700	15300
7440-28-0	Thallium	.5 (G)	µg/L	27	7.6 B	6.6 B	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	ND	71.6	60.6	39.8 B	33.7 B	23.1 B	40.3 B, E	67.8	10.5 B	31.8 B
7440-66-6	Zinc	2000 (G)	µg/L	55.7	376	321	187	184	110	195	293	40.5	113
57-12-5	Cyanide	200	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	517,395.85

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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.
E = Concentration exceeds method limit.

Appendix B-2b - Monitoring Well MW-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 Groundwater Analytical Data		NYSDEC Class GA Groundwater Standards/Guidance Values	Sample ID: Lab Sample	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Historically Detected Compounds				T6914	V4313	Z7444	A7550	B4506	E1069	0508023-001A	0603108-003A	A7E98503
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	ND	ND	2 J, B	ND	ND	3 J, B	4 B, J	3 B, J	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	5 J	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	1 J	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	1 J, B	ND	0.9 J, B	ND	ND	0.8 J, B	0.9 B, J	1 B, J	ND
	Xylene (total)	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				1	ND	2.9	5	ND	3.8	5.9	4	ND
SEMIVOLATILES												
95-95-4	2,4,5-Trichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-Trichlorophenol	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
606-20-2	2,6-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
89-63-4	2-Nitroaniline	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-94-1	3,3'-Dichlorobenzidine	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
59-50-7	4-Chloro-3-methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7005-72-3	4-Chlorophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	3 J, B	ND	ND	ND	ND	21	2 J	ND	14
85-68-7	Butyl benzyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.3 B, J
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
118-74-1	Hexachlorobenzene	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
86-30-6	N-Nitrosodiphenylamine	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				3	ND	ND	ND	ND	21	2	ND	14.3
PESTICIDES												
309-00-2	Aldrin	ND	µg/L	ND	0.0018 J, P	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	0.0069 B, J	ND	ND	0.0046 B, J, P	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.0073 J	ND	0.0049 B, J, P	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Pesticides				0.0069	0.0018	ND	0.0119	ND	0.0049	NA	NA	NA
PCBs												
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	ND	ND	ND	ND	ND	ND	ND	ND
INORGANICS												
7429-90-5	Aluminum	NS	µg/L	40100	27800	26800	29800	36400	51300			
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	ND	ND			
7440-38-2	Arsenic	25	µg/L	57.4	48.9	50.9	50.8	57.1	63.9			
7440-39-3	Barium	1000	µg/L	492	375	411	501	567	827			
7440-41-7	Beryllium	3 (G)	µg/L	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	1.1 B	ND	ND	ND	ND	ND			
7440-70-2	Calcium	NS	µg/L	514000	473000	454000	479000	524000	676000			
7440-47-8	Chromium	50	µg/L	102	68.6 E	62.2	83.3	79.8	114			
7440-48-4	Cobalt	NS	µg/L	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	96.1	62.6	60.7	72.2	85.5	122			
7439-89-6	Iron	300	µg/L	83100	55600	54000	59400	69500	97500			
7439-92-1	Lead	25	µg/L	71.2	47.3 N	46.1	52.8	60.6	88.9			
7439-95-4	Magnesium	35000 (G)	µg/L	153000	113000	125000	143000	143000	207000			
7439-96-5	Manganese	300	µg/L	2060	1520	1510	1570	1940	2770			
7439-97-6	Mercury	0.7	µg/L	ND	ND	0.06 B	ND	ND	0.12 B			
7440-02-0	Nickel	100	µg/L	90	53.4	47.9	61.6	70.5	98.1			
7440-09-7	Potassium	NS	µg/L	11300	9800	9290	10200	10700	13600			
7782-49-2	Selenium	10	µg/L	2.8 B	ND	ND	ND	4 B	4 B			
7440-23-5	Sodium	20000	µg/L	17700	16000 E	17300	17100	17400	19100			
7440-28-0	Thallium	.5 (G)	µg/L	5.3 B	ND	ND	ND	ND	ND			
7440-62-2	Vanadium	NS	µg/L	81.5	52.2	52.4	59.8	67.6	99.3			
7440-66-6	Zinc	2000 (G)	µg/L	277	235	181	235	248	385			
57-12-5	Cyanide	200	µg/L	ND	ND	ND	6.1 B	ND	ND			
Total Inorganics				822,570.90	697,681.40	688,829.16	741,212.50	804,204.70	1,069,104.82	NA	NA	NA

Notes:

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

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

NS = No Standard

(G) = Guidance Value

ND = Concentration was 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 L.

B = Compound was found in the blank and sample.

E = Concentration exceeds method limit.

Appendix B-2b - Monitoring Well MW-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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-2 A8E15003	MW-2 RSI0312-07	MW-2 RTF0798-02	MW-2 480-2185-2	MW-2 480-14453-2	MW-2 480-23574-8
		Source: SDG:	TA A8-E150 Water	TA RSI0296 Water	TA RTF0798 Water	TA 480-2185 Water	TA 480-14453 Water	TA 480-23574 Water	
		Matrix: Sampled:	11/6/2008	9/9/2009	6/10/2010	3/3/2011	12/23/2011	8/7/2012	
CAS NO.	COMPOUND		UNITS:						
VOLATILES									
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND
	Xylene (total)	5	ug/l	ND	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	ND	ND
SEMIVOLATILES									
95-95-4	2,4,5-Trichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-Trichlorophenol	NS	µg/L	ND	ND	ND	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND
606-20-2	2,6-Dinitrotoluene	5	µg/L	ND	ND	ND	ND	ND	ND
89-63-4	2-Nitroaniline	5	µg/L	ND	ND	ND	ND	ND	ND
91-94-1	3,3'-Dichlorobenzidine	5	µg/L	ND	ND	ND	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND
59-50-7	4-Chloro-3-methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND
7005-72-3	4-Chlorophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	1.0 J
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	0.68 J	0.83 J
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	0.84 J	1.1 J
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	0.39 J	0.50 J
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	0.74 J	0.86 J
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	0.38 J	1.4 J, B	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	1.7 J
118-74-1	Hexachlorobenzene	0.04	µg/L	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	0.59 J
86-30-6	N-Nitrosodiphenylamine	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	1.1 J
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	1.2 J	1.4 J
Total SVOCs				ND	ND	ND	0.38	5.25	9.08
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
PCBs									
None Detected			µg/L	ND	ND	ND	ND	ND	ND
Total PCBs				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

Notes:

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

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

NS = No Standard

(G) = Guidance Value

ND = Concentration was 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 Li.

B = Compound was found in the blank and sample.

E = Concentration exceeds method limit.

Appendix B-2b - Monitoring Well MW-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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	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	MW-2 480-83528-5 TA 480-83528 Water 7/8/2015	MW-2 480-101674-1 TA 480-101674 Water 6/15/2016
CAS NO.	COMPOUND		UNITS:					
VOLATILES								
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND
	Xylene (total)	5	ug/l	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	ND
SEMIVOLATILES								
95-95-4	2,4,5-Trichlorophenol	1	µg/L	0.90 J	ND	ND	ND	ND
88-06-2	2,4,6-Trichlorophenol	NS	µg/L	0.68 J	ND	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	5	µg/L	1.1 J	ND	ND	ND	ND
606-20-2	2,6-Dinitrotoluene	5	µg/L	0.74 J	ND	ND	ND	ND
89-63-4	2-Nitroaniline	5	µg/L	0.70 J	ND	ND	ND	ND
91-94-1	3,3'-Dichlorobenzidine	5	µg/L	1.0 J	ND	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	0.97 J	ND	ND	ND	ND
59-50-7	4-Chloro-3-methylphenol	1	µg/L	0.82 J	ND	ND	ND	ND
7005-72-3	4-Chlorophenyl phenyl ether	NS	µg/L	0.71 J	ND	ND	ND	ND
120-12-7	Anthracene	50 (G)	µg/L	0.65 J	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	3.1 J B	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	1.9 J	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	3.2 J B	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	2.1 J	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	3.1 J	ND	ND	ND	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	3.5 J	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50	µg/L	3.9 J B	ND	ND	ND	ND
86-74-8	Carbazole	NS	µg/L	1.5 J	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	1.4 J	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	1.3 J	ND	ND	ND	ND
131-11-3	Dimethyl phthalate	50 (G)	µg/L	0.76 J	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	2.2 J B	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	3.1 J B	ND	ND	ND	ND
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	1.1 J	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	1.5 J	ND	ND	ND	ND
118-74-1	Hexachlorobenzene	0.04	µg/L	0.95 J	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	1.8 J	ND	ND	ND	ND
86-30-6	N-Nitrosodiphenylamine	50 (G)	µg/L	1.2 J	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	1.0 J	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	1.7 J	ND	ND	ND	ND
Total SVOCs				48.58	ND	ND	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
PCBs								
None Detected			µg/L	ND	ND	ND	ND	ND
Total PCBs				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

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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 L.
B = Compound was found in the blank and sample.
E = Concentration exceeds method limit.

Appendix 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	MW-3 162134	MW-3 G5115	MW-3 H0917	MW-3 H7395	MW-3 J8484	MW-3 M0191	MW-3 N5015	MW-3 Q3846	MW-3 R7156
			Source: SDG: Matrix: Sampled:	Columbia MW1 Water 8/12/1997	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/19/1998	OBG 7810 Water 5/28/1998	OBG 9595 Water 10/22/1998	OBG 1489 Water 4/20/1999	OBG 3880 Water 11/10/1999	OBG 5490 Water 4/26/2000	OBG 7645 Water 12/14/2000
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	4 J	6 J, J	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	5 J	6	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	2 J	2 J, B	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	6	13	6	ND	ND
SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50	µg/L	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND
91-58-7	2-Chloronaphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	2 J, B	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				4	ND	ND	ND	ND	ND	ND	ND	ND
PESTICIDES												
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	0.0024 J	ND	0.00093 B, J, P	ND	ND	ND
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	ND	0.002 J, P	ND	ND	0.0024 J, P	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	0.0013 J, P	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.00082 J, P
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	0.0029 J, P	0.0048 J, P	0.011 B, J, P	0.0015 J, P	0.0018 J, P	ND	0.0035 J, P
72-20-8	Endrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0024 J, P
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	0.012 J, P	0.002 J, P	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.00073 J, P	0.001 J, P	0.014 B, J, P	ND	0.0027 J, P	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	0.00067 J, P	ND	0.0052 J, P	ND	ND	ND
Total Pesticides				ND	ND	0.0049	0.0086	0.012	0.02533	0.0138	0.0047	0.00672
PCBs												
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	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	816 E
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	ND	2.1 B	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	24.2	7.9 B	ND	9 B	6.2 B	2.6 B	2.6 B	3.9 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	150 B
7440-41-7	Beryllium	3 (G)	µg/L	1.8 B	0.29 B	0.24 B	ND	0.15 B	0.15 B	0.24 B	0.37 B	0.39 B
7440-43-9	Cadmium	5	µg/L	5.9	0.32 B	ND	ND	ND	ND	ND	ND	ND
7440-70-2	Calcium	NS	µg/L	257000	235000	216000	188000	172000	149000	151000	141000	139000
7440-47-8	Chromium	50	µg/L	2.6 B	30.5	19.5	10.8	12.7	9.4 B	14.2 E	15	10.5
7440-48-4	Cobalt	NS	µg/L	2.4 B	3.1 B	ND	ND	ND	ND	ND	ND	ND
7440-50-8	Copper	200	µg/L	ND	12.5 B	8.3 B	5.9 B	5 B	2.1 B	2 B	2.3 B	2.2 B
7439-89-6	Iron	300	µg/L	30300	32900	25400	21300	20800	15900	16100	16100	14600
7439-92-1	Lead	25	µg/L	ND	6.7	2.5 B	ND	2.1 B	ND	ND	1.3 B	2.9 B
7439-95-4	Magnesium	35000 (G)	µg/L	70600	57600	54400	45500	43500	34700	38400	35600	34500
7439-96-5	Manganese	300	µg/L	831	1000	934	835	734	654	631	562	581
7440-02-0	Nickel	100	µg/L	ND	18.4 B	11.2 B	8.7 B	5.8 B	6.4 B	9.3 B, E	9.6 B	5.8 B
7440-09-7	Potassium	NS	µg/L	13600	17400	17500	15800	13100	9730	10200	9780	9790 E
7782-49-2	Selenium	10	µg/L	ND	4.1 B	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver	50	µg/L	1.7 B	0.67 B	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	20000	µg/L	129000	118000	117000	104000	104000	83100	89200 E	81700	69500
7440-28-0	Thallium	.5 (G)	µg/L	ND	4.5 B	7.3 B	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	ND	9.6 B	6 B	6 B	4.2 B	4.2 B	3.7 B, E	4.4 B	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	18.7 B
57-12-5	Cyanide	200	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Inorganics				501,814	465,822	433,632	377,200	355,151	293,938	306,265	285,656	268,986

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
ND = Concentration was 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.
E = Concentration exceeds method limit.

Appendix 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	MW-3 S7325	MW-3 T6809	MW-3 V4310	MW-3 Z7443	MW-3 A7551	MW-3 B4288	MW-3 E1141	MW-3 050823-002A	MW-3 0603100-002A	MW-3 A7E98504
			Source: SDG: Matrix: Sampled:	OBG 9270 Water 6/20/2001	OBG 724 Water 12/11/2001	OB 2494 Water 6/18/2002	OB 4203 Water 12/17/2002	OB 5716 Water 6/25/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/3/2005	LSL-BL 6030950 Water 3/22/2006	TA A07-E985 Water 12/26/2007
CAS NO.	COMPOUND		UNITS:										
VOLATILES													
67-64-1	Acetone	50 (G)	µg/L	5 J	ND	ND	4 J, B	ND	ND	2 J, B	4 B, J	3 B, J	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	3 J	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	2 J, B	1 J	1 J, B	ND	2 J, B	0.8 J, B	1 B, J	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND
Total VOCs				5	2	1	5	3	2	3.8	7	3	ND
SEMIVOLATILES													
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-58-7	2-Chloronaphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3 B, J
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
PESTICIDES													
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND			
72-55-9	4,4'-DDE	0.2	µg/L	0.0055 B, J, P	ND	ND	ND	ND	ND	ND			
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	ND	ND	ND			
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	0.0045 J, P	ND	ND			
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	ND	ND	ND	ND			
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	0.0062 J, P	ND	0.0021 J, P			
72-20-8	Endrin	ND	µg/L	0.017 B, J, P	ND	ND	ND	0.026 J, P	ND	ND			
7421-93-4	Endrin aldehyde	5	µg/L	ND	0.012 B, J, P	ND	ND	ND	ND	ND			
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	ND	ND	ND			
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND			
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	ND	0.0054 J, P	ND	0.0027 B, J, P			
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	0.014 J, P	ND	ND			
Total Pesticides				0.0225	0.012	ND	ND	0.0561	ND	0.0048	NA	NA	NA
PCBs													
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
INORGANICS													
7429-90-5	Aluminum	NS	µg/L	458	1390	604	763	558	265	800			
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	ND	ND	ND			
7440-38-2	Arsenic	25	µg/L	2.1 B	4.5 B	2.7 B	4.2 B	3.1 B	ND	ND			
7440-39-3	Barium	1000	µg/L	151 B	142 B	155 B	237	229	234	213			
7440-41-7	Beryllium	3 (G)	µg/L	ND	0.21 B	0.13 B	0.15 B	0.1 B	ND	ND			
7440-43-9	Cadmium	5	µg/L	ND	ND	ND	ND	ND	ND	ND			
7440-70-2	Calcium	NS	µg/L	127000	116000	101000	105000	111000	111000	112000			
7440-47-8	Chromium	50	µg/L	11.2	26.8	6.4 B, E	14.2	14	6 B	10.5			
7440-48-4	Cobalt	NS	µg/L	ND	2.2 B	ND	ND	ND	ND	ND			
7440-50-8	Copper	200	µg/L	0.92 B	3.9 B	ND	2.7 B	6 B	ND	ND			
7439-89-6	Iron	300	µg/L	15000	16700	13600	15700	15300	13300	13400			
7439-92-1	Lead	25	µg/L	ND	3.2	ND	ND	ND	ND	1.5 B			
7439-95-4	Magnesium	35000 (G)	µg/L	32900	31200	27800	30400	30200	30100	29900			
7439-96-5	Manganese	300	µg/L	512	520	444	485	495	479	454			
7440-02-0	Nickel	100	µg/L	6 B	14.2 B	ND	5.9 B	5.6 B	3.4 B	5.4 B			
7440-09-7	Potassium	NS	µg/L	10500	7790	7350	7980	9720	10300	11600			
7782-49-2	Selenium	10	µg/L	ND	ND	2 B	ND	ND	2.9 B	ND			
7440-22-4	Silver	50	µg/L	ND	ND	ND	ND	ND	ND	ND			
7440-23-5	Sodium	20000	µg/L	66500	62800	58900 E	57000	54600	57000	58200			
7440-28-0	Thallium	.5 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND			
7440-62-2	Vanadium	NS	µg/L	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	7 B	28.1	46	16.8 B	28.5	3.9 B	14.5 B			
57-12-5	Cyanide	200	µg/L	ND	12.5	ND	ND	4.9 B	ND	ND			
Total Inorganics				253,053	236,644	209,914	217,615	222,164	222,697	226,603	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
ND = Concentration was 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.
E = Concentration exceeds method limit.

Appendix 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	MW-3 A8E30601	MW-3 RSI0359-04	MW-3 RTF0860-01	MW-3 480-2227-5	MW-3 480-14453-3	MW-3 480-23574-9
			Source: SDG: Matrix: Sampled:	TA A08-E150 Water 11/10/2008	TA RSI0296 Water 9/10/2009	TA RTF0798 Water 6/11/2010	TA 480-2185 Water 3/4/2011	TA 480-14453 Water 12/23/2011	TA 480-23574 Water 8/7/2012
CAS NO.	COMPOUND		UNITS:						
VOLATILES									
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	ND	ND
SEMIVOLATILES									
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	3.4 J, B	ND	ND
50-32-8	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50	µg/L	ND	ND	ND	2.4 J	ND	ND
91-58-7	2-Chloronaphthalene	10 (G)	µg/L	0.3 J	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	1 J B	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	µg/L	0.3 J	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	0.7 B, J	0.39 J	0.44 J	0.78 J, B	1.1 J, B	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	0.2 J B	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	0.3 B, J	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	0.2 J B	ND	ND	ND	ND	ND
Total SVOCs				3.0	0.39	0.44	6.58	1.1	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
PCBs									
None Detected			µg/L	ND	ND	ND	ND	ND	ND
Total PCBs				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

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

ND = Concentration was 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.

E = Concentration exceeds method limit.

Appendix 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	MW-3 480-38363-3	MW-3 480-56775-3	MW-3 480-70616-7	MW-3 480-83528-7	MW-3 480-101785-2
			Source: SDG: Matrix: Sampled:	TA 480-38363 Water 5/15/2013	TA 480-56775 Water 3/27/2014	TA 480-70616 Water 11/3/2014	TA 480-83528 Water 7/8/2015	TA 480-101785 Water 6/16/2016
CAS NO.	COMPOUND		UNITS:					
VOLATILES								
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	ND
SEMIVOLATILES								
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND
50-32-8	Benzo[a]anthracene	0.002 (G)	µg/L	0.48 J B	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	0.45 J B	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	0.35 J	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50	µg/L	0.61 J B	ND	ND	ND	ND
91-58-7	2-Chloronaphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	0.23 J	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	µg/L	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	0.49 J B	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	0.56 J B	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND
Total SVOCs				3.17	ND	ND	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
PCBs								
None Detected			µg/L	ND	ND	ND	ND	ND
Total PCBs				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

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater
 Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value
 ND = Not Detected
 NS = No Standard
 (G) = Guidance Value
 ND = Concentration was 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.
 E = Concentration exceeds method limit.

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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-4 162135	MW-4 G5191	MW-4 H1021	MW-4 H7396	MW-4 J8485	MW-4 M0194	MW-4 N5016	MW-4 Q3852	MW-4 R7320
		Source:	Columbia	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG	OBG
		SDG:	MW1	5116	6857	7810	9595	1489	3880	5490	7645	
		Matrix:	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
		Sampled:	8/12/1997	11/20/1997	2/20/1998	5/28/1998	10/22/1998	4/20/1999	11/10/1999	4/27/2000	12/15/2000	
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	ND	2 J	3 J	2 J	4 J	9 J	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	11	45	1 J	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	2 J	ND	ND	ND	ND
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	ND	ND	ND	ND	2 J	ND	1
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[k]fluoranthene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	Phenathrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				3	1	ND	ND	ND	ND	2	ND	1
PESTICIDES												
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0018 J, P
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	0.0089 B, J, P	ND	ND	0.0013 J, P
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	0.00093 J, P	ND	ND	ND
72-55-9	4,4'-DDE	0.3	µg/L	ND	ND	ND	ND	ND	0.0007 J, P	0.0012 J, P	ND	0.0026 J, P
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.00074 B, J, P
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	ND	ND	ND	0.002 J, P	0.0015 J, P
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	0.0043 J, P	0.0014 B, J, P	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	ND	0.0008 J, P	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	0.0017 B, J, P	0.0042 J, P	0.0032 J, P	ND	0.0011 J, P
72-20-8	Endrin	ND	µg/L	ND	ND	ND	0.00073 J, P	ND	0.0028	ND	ND	0.00085 J, P
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	ND	0.0028 J, P	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	0.0014 J, P	ND	ND	ND	0.003 J, P
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	0.004 J, P	ND	0.0039 J, P	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.002 J, P	0.0017 J, P	0.0056 B, J, P	ND	ND	ND
76-44-8	Heptachlor	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	0.00034 J, P	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	0.0033 J, P	ND	ND	ND
Total Pesticides				ND	ND	ND	0.00273	0.0084	0.03507	0.0058	0.0059	0.01289
PCBs												
	Aroclor 1248		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	17.9	ND	ND	9.6 B	6.6 B	8.3 B	2.5 B	4.5 B	ND
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	ND	ND	ND	0.05 B	ND	0.31 B
7440-43-9	Cadmium	5	µg/L	5.1	3.3 B	0.39 B	ND	ND	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	ND	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	ND	1.6 B	ND	ND	ND	ND	ND	1.7 B	ND
7440-50-8	Copper	200	µg/L	ND	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	ND	5.9	ND	ND	2.5 B	ND	1.4 B	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-02-0	Nickel	100	µg/L	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	4.1 B	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
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.
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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.
E = Concentration exceeds method limit.

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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-4 S7324	MW-4 T7107	MW-4 V4311	MW-4 Z7814	MW-4 A7432	MW-4 B4292	MW-4 E1136	MW-4 0508042-001A	MW-4 0603100-003A	MW-4 A7E98505
		Source: SDG:	OBG 9270 Water 6/20/2001	OBG 764 Water 12/13/2001	OB 2494 Water 6/18/2002	OB 4203 Water 12/18/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/16/2003	OB 6968 Water 6/8/2004	OB 200508 Water 8/5/2005	OB 6030950 Water 3/22/2006	TA A07-E985 Water 12/26/2007	
CAS NO.	COMPOUND		UNITS:										
VOLATILES													
67-64-1	Acetone	50 (G)	µg/L	5 J	ND	ND	4 J, B	ND	ND	5 J, B	6 J, B	3 J, B	6
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	6 J	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	0.6 J, B	1 J	1 J, B	ND	1 J, B	1 J, B	1 J, B	1 J, B	ND
Total VOCs				5	0.6	1	5	6	1	6	8	4	6
SEMIVOLATILES													
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	1	ND	1	ND	ND	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	2	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	Phenathrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				2	1	ND	1	ND	ND	2	ND	ND	ND
PESTICIDES													
309-00-2	Aldrin	ND	µg/L	ND	ND	0.024 J, P	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	0.0057 J, P	ND	ND	ND	ND	ND
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-55-9	4,4'-DDE	0.3	µg/L	0.005 B, J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	0.0074	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	0.0011 J, P	ND	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	ND	µg/L	0.038 B, J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	0.015 B, J, P	ND	ND	ND	ND	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	0.0033 J, P	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	0.0076 J, P	ND	ND	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	0.0043 J, P	ND	ND	0.01 J	ND	0.0034 B, J	ND	ND	ND
76-44-8	Heptachlor	0.04	µg/L	ND	0.0049 J	ND	ND	ND	ND	ND	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	0.0032 J, P	0.0023 J, P	ND	ND	ND	ND	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Pesticides				0.043	0.0359	0.0263	ND	0.019	0.0076	0.0034	NA	NA	NA
PCBs													
	Aroclor 1248		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND	ND	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	ND	0.26 B	ND	ND	ND	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	ND	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	ND	ND	ND	ND	9.1 B			
7440-50-8	Copper	200	µg/L	2.9 B	5.6 B	1.6 B	ND	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	ND	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	ND	ND	ND	ND	ND	ND	0.05 B			
7440-02-0	Nickel	100	µg/L	8.1 B	10.1 B	ND	ND	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	ND	ND	ND	ND	3.3 B	2.9 B	ND			
7440-23-5	Sodium	20000	µg/L	42400	115000	145000 E	50700	65200	3450 B	103000			
7440-28-0	Thallium	.5 (G)	µg/L	ND	ND	ND	ND	ND	ND	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	ND	ND	16.3	ND	ND	ND	ND			
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
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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.
E = Concentration exceeds method limit.

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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-4 A8E30602	MW-4 RSI0359-02	MW-4 RTF0798-03	MW-4 480-2185-3	MW-4 Not Sampled	MW-4 480-23574-1	MW-4 480-38363-4	MW-4 480-56775-4
			Source: TA A08-E150 Water SDG: 11/10/2008 Matrix: Sampled:	TA A08-E150 Water 9/10/2009	TA RSI0296 Water 6/10/2010	TA RTF0798 Water 3/3/2011	TA 480-2185 Water 12/23/2011	TA 480-23574 Water 8/7/2012	TA 480-38363 Water 5/15/2013	TA 480-56775 Water 3/27/2014	
CAS NO.	COMPOUND		UNITS:								
VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND		ND	ND	4.4 J
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND		ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND		ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND		ND	ND	ND
Total VOCs				ND	ND	ND	ND	NA	ND	ND	4.4
SEMIVOLATILES											
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND		ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND		ND	0.90 J B	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND		ND	0.55 J	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND		ND	0.89 J B	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND		ND	0.70 J	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND		ND	0.93 J	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND		ND	1.2 J B	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND		ND	0.40 J	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	1 J B	ND	ND	ND		ND	0.32 J B	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND		ND	0.84 J B	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	0.6 J, B	0.79 J	ND	0.31 J		ND	1.1 J B	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	0.6 B J	ND	ND	ND		ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND	ND		ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND		ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND		ND	0.61 J	ND
91-20-3	Naphthalene	10 (G)	µg/L	4 J B	ND	ND	ND		ND	ND	ND
85-01-8	Phenathrene	50 (G)	µg/L	0.4 J B	ND	ND	ND		ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND		ND	0.48 J	ND
Total SVOCs				6.6	0.79	ND	0.31	NA	ND	8.92	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
PCBs											
	Aroclor 1248		µg/L	ND	0.51	ND	ND		ND	ND	ND
Total PCBs				ND	0.51	ND	ND	NA	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

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
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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.
E = Concentration exceeds method limit.

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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-4 480-70616-8	MW-4 480-83621-1	MW-4 480-101785-5
			Source: SDG: Matrix: Sampled:	TA 480-70616 Water 11/3/2014	TA 480-83621 Water 7/9/2015	TA 480-101785 Water 6/16/2016
CAS NO.	COMPOUND		UNITS:			
VOLATILES						
67-64-1	Acetone	50 (G)	µg/L	3.1 J	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND
Total VOCs				3.1	ND	ND
SEMIVOLATILES						
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND
85-01-8	Phenathrene	50 (G)	µg/L	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND
Total SVOCs				ND	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
PCBs						
	Aroclor 1248		µg/L	ND	ND	ND
Total PCBs				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

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
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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.
E = Concentration exceeds method limit.

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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/Guidance Values	Sample ID: Lab Sample	MW-5 162136	MW-5 G5119	MW-5 H1022	MW-5 H7532	MW-5 J8487	MW-5 M0195	MW-5 N5017	MW-5 Q4026	MW-5 R7321
			Source: Columbia MW1 Water	OBG 5116 Water	OBG 6857 Water	OBG 7830 Water	OBG 9595 Water	OBG 1489 Water	OBG 3880 Water	OBG 5512 Water	OBG 7645 Water	OBG 8/12/1997
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	ND	ND	5 J	10	19	7 J	ND	ND	7 J
71-43-2	Benzene	1	µg/L	3 J	25	92	97	110	110	ND	47	84
78-93-3	2-Butanone	50	µg/L	ND	ND	2 J	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	6 J	ND	3 J	ND
75-00-3	Chloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
74-87-3	Chloromethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	ND	ND	5 J	8 J	10 J	10 J	7	3 J	8 J
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	1 J	ND	ND	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND	2 J	1 J	1 J	2 J	ND	ND	1 J
108-88-3	Toluene	5	µg/L	ND	4 J	28	35	28	15	ND	3 J	8 J
1330-20-7	Xylene (total)	5	µg/L	ND	2 J	29	42	40	40	25	9 J	27
Total VOCs				3	31	163	193	209	190	32	65	135
SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	ND	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	ND	7 J	25	30	23	18	3 J	8 J	20
95-48-7	2-Methylphenol	1	µg/L	ND	2 J	6 J	6 J	4 J	3 J	ND	2 J	2 J
106-44-5	4-Methylphenol	1	µg/L	ND	4 J	9 J	ND	1 J	6 J	ND	2 J	4 J
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	4 J, B	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	1 J	4 J	8 J	4 J	9 J	10 J	3 J	10 J	8 J
108-95-2	Phenol	1	µg/L	3 J, B	3 J	6 J	2 J	1 J	4 J	ND	3 J	2 J
Total SVOCs				11	20	54	42	38	41	6	25	36
PESTICIDES												
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	0.0016 J, P	ND	0.0016 J, P	0.0031 J, P
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	0.0069 B, J, P	ND	ND	0.0012 J, P
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-85-7	beta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	ND	0.0033 J, P	ND
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	0.0011 J, P	0.0014 J, P	ND	ND	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	ND	ND	0.0015 J, P	ND	ND
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	ND	0.0015 J, P	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	ND	0.0095 J, P	0.003 J, P	ND	0.0036 J, P	0.0071 J, P	0.0021 J, P	0.0011 J, P
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	0.0025 J, P	0.013 B, J, P	ND	0.0024 J, P
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	0.0026 J	0.0011 B, J, P	ND	ND	ND	ND	0.0021 J, P
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	0.0067 J, P	0.0037 B, J, P	0.004 J, P	0.0044 J, P	ND	0.0021 J, P
72-20-8	Endrin	ND	µg/L	ND	ND	ND	0.0078 J, P	ND	0.0055 J, P	0.0029 J, P	ND	0.0056 J, P
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0017 J, P
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	0.0037 J, P	0.0041 J, P	ND	0.0085 J	0.016 J, P	0.036 J, P	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	ND	0.0047 J, P	0.0018 B, J, P	ND	0.0031 J, P	ND
76-44-8	Heptachlor	0.04	µg/L	ND	ND	ND	0.0047 J, P	0.0031 J, P	0.00072 J, P	0.0024 J, P	0.00069 J, P	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	0.003 J, P	ND	0.0015 J, P	0.0017 J, P	0.0058 J	0.0023 B, J, P	0.0017 J, P
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	0.0061 J	ND	ND	ND
Total Pesticides				ND	ND	0.0188	0.0274	0.0156	0.04432	0.0531	0.04909	0.021
PCBs												
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	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	697 E
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	2.9 B	2.5 B	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	15.6	11.4	11.4	10.5	10.1	8.6 B	7.9 B	9	9.8 B
7440-39-3	Barium	1000	µg/L	171 B	324	156 B	114 B	109 B	139 B	167 B	204	148
7440-41-7	Beryllium	3 (G)	µg/L	1.8 B	0.17 B	0.2 B	ND	0.17 B	0.19 B	0.19 B	0.18 B	0.46
7440-43-9	Cadmium	5	µg/L	6.6	ND	ND	ND	ND	ND	ND	ND	ND
7440-70-2	Calcium	NS	µg/L	196000	153000	51600	38500	36100	44900	59300	133000	53000
7440-47-8	Chromium	50	µg/L	ND	23	8.9 B	8 B	9.8 B	25.4	20.7 E	13.9	14.1
7440-48-4	Cobalt	NS	µg/L	3 B	ND	ND	ND	ND	ND	ND	ND	ND
7440-50-8	Copper	200	µg/L	ND	13.1 B	13.4 B	17.5 B	14.1 B	12.9 B	15.8 B	9.1 B	15.4
7439-89-6	Iron	300	µg/L	32800	24200	12800	10200	12200	13400	16800	24100	10200
7439-92-1	Lead	25	µg/L	ND	7.7	6.7	6.3	6.6	4.6	7.8	2.3 B	8.3
7439-95-4	Magnesium	35000 (G)	µg/L	51800	41700	14600	10100	9220	11200	15700	34700	14300
7439-96-5	Manganese	300	µg/L	226	259	189	160	197	213	249	203	162
7439-97-6	Mercury	0.7	µg/L	ND	ND	ND	ND	ND	ND	ND	0.12 B	ND
7440-02-0	Nickel	100	µg/L	ND	12.8 B	4.9 B	4.6 B	4.3 B	12.4 B	9.7 B, E	4.5 B	5.5
7440-09-7	Potassium	NS	µg/L	4220 B	8010	25100	28600	29300	41700	34700	17400	27800 E
7782-49-2	Selenium	10	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver	50	µg/L	ND	0.92 B	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	20000	µg/L	49800	47700	98000	108000	97600	102000	101000 E	76800	93400
7440-28-0	Thallium	.5 (G)	µg/L	13.5	3.9 B	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	ND	8.5 B	9.9 B	9.6 B	8.6 B	8.9 B	9.9 B, E	4.8 B	8.5 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	13.3 B
57-12-5	Cyanide	200	µg/L	4.7 B	19.5	41.6	12.5	30	36	33.5	ND	36.8
Total Inorganics				335,236	277,962	203,666	196,281	185,502	214,181	229,190	286,759	199,819

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-5 S7323	MW-5 T7108	MW-5 V4312	MW-5 Z7815	MW-5 A7431	MW-5 B4468	MW-5 E1138	MW-5 0508042-002A	MW-5 0603100-004A
			Source: OBG	OBG	OB	OB	OB	OB	OB	OB	OB	LSL-BL
			SDG: 9270	764	2494	4203	5716	6968	6968	200508	6030950	6030950
			Matrix: Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
			Sampled: 6/20/2001	12/13/2001	6/18/2002	12/18/2002	6/24/2003	12/18/2003	6/8/2004	8/5/2005	3/22/2006	3/22/2006
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	6	ND	ND	4	3	ND	3	4	3
71-43-2	Benzene	1	µg/L	57	63	86	52	38	10	22	47	33
78-93-3	2-Butanone	50	µg/L	ND	ND	ND	1	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	2	ND	ND	ND	ND
75-00-3	Chloroethane	5	µg/L	2	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	3	ND
74-87-3	Chloromethane	5	µg/L	2	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	6	4	7	4	2	ND	0.6	3	1
75-09-2	Methylene chloride	5	µg/L	ND	0.7	ND	0.5	ND	ND	0.7	2	1
100-42-5	Styrene	5	µg/L	ND	0.8	ND	1	0.5	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	6	4	7	5	4	ND	0.9	7	2
1330-20-7	Xylene (total)	5	µg/L	18	19	31	17	7	ND	2	9	4
Total VOCs				97	91.5	131	84.5	56.5	10	29.2	75	44
SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	2 J, B	ND	ND	ND	ND	ND	1 J	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	9 J	9 J	16	13	7 J	ND	2 J	5 J	2 J
95-48-7	2-Methylphenol	1	µg/L	ND	ND	2 J	2 J	1 J	ND	ND	1 J	ND
106-44-5	4-Methylphenol	1	µg/L	3 J	ND	4 J	4 J	2 J	ND	ND	1 J	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	1 J	1 J	ND	13	5 J	ND	ND	ND	1 J
108-95-2	Phenol	1	µg/L	2 J	3 J	ND	4 J	ND	ND	1 J	ND	2 J
Total SVOCs				15	15	22	36	15	ND	3	8	5
PESTICIDES												
309-00-2	Aldrin	ND	µg/L	ND	ND	0.044 J, P	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	0.0011 J, P	ND	ND	ND	ND	ND	ND	ND
319-85-7	beta-BHC	0.04	µg/L	ND	ND	0.0079 J, P	ND	ND	ND	ND	ND	ND
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	0.0037 J, P	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	0.012 B, J	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	0.0066 J, P	ND	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	0.00076 J, P	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	0.0088 B, J, P	ND	ND	0.015 B, J, P	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	0.018 J, P	0.0075 J, P	ND	0.0092 J	ND	0.0048 B, J	ND	ND
76-44-8	Heptachlor	0.04	µg/L	ND	0.0054 J, P	ND	ND	ND	ND	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	0.002 J, P	0.0074 J	ND	ND	ND	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Pesticides				ND	0.0518	0.0668	ND	0.0308	ND	0.0048	NA	NA
PCBs												
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	ND	ND	ND	ND	ND	ND	ND	ND
INORGANICS												
7429-90-5	Aluminum	NS	µg/L	346	801	573	272	181 B	116 B	139 B	ND	ND
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	7.5 B	11.5	11.5	10.7	9.4 B	7 B	7.4 B	ND	ND
7440-39-3	Barium	1000	µg/L	172 B	193 B	158 B	187 B	169 B	166 B	165 B	ND	ND
7440-41-7	Beryllium	3 (G)	µg/L	ND	0.24 B	0.21 B	0.14 B	ND	ND	ND	ND	ND
7440-43-9	Cadmium	5	µg/L	ND	0.4 B	ND	ND	ND	ND	ND	ND	ND
7440-70-2	Calcium	NS	µg/L	68700	62400	50300	94500	143000	170000	156000	ND	ND
7440-47-8	Chromium	50	µg/L	15.6	19	15.4 E	5.8 B	3.7 B	2.6 B	7.1 B	ND	ND
7440-48-4	Cobalt	NS	µg/L	ND	1.8 B	ND	ND	ND	ND	ND	ND	ND
7440-50-8	Copper	200	µg/L	10 B	16.8 B	17.2 B	11.3 B	6.7 B	ND	2.7 B	ND	ND
7439-89-6	Iron	300	µg/L	12200	14900	14100	19100	25700	29600	27400	ND	ND
7439-92-1	Lead	25	µg/L	4.2	8.2	7.7 N	3.8	2.8 B	ND	2.1 B	ND	ND
7439-95-4	Magnesium	35000 (G)	µg/L	19700	19500	13800	25300	35100	41000	37200	ND	ND
7439-96-5	Manganese	300	µg/L	178	231	212	188	198	202	213	ND	ND
7439-97-6	Mercury	0.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-02-0	Nickel	100	µg/L	6.7 B	8.6 B	4 B	ND	ND	ND	1.7 B	ND	ND
7440-09-7	Potassium	NS	µg/L	22600	32700	34000	23100	12700	6010	10300	ND	ND
7782-49-2	Selenium	10	µg/L	ND	2.2 B	1.6 B	ND	ND	3.2 B	3.1 B	ND	ND
7440-22-4	Silver	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	20000	µg/L	85800	94700	95500 E	80500	70200	60500	66200	ND	ND
7440-28-0	Thallium	.5 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	6.3 B	9.3 B	8.6 B	7.9 B	3.7 B	1.5 B	2.7 B	ND	ND
7440-66-6	Zinc	2000 (G)	µg/L	10.3 B	12.4 B	48.9	8.5 B	18.3 B	ND	21.2	ND	ND
57-12-5	Cyanide	200	µg/L	23	38.7	ND	19.6	11	ND	ND	ND	ND
Total Inorganics				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 Gr
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidan
NS = No Standard
(G) = Guidance Value
ND = Concentration was not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method De
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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-5 A7E98506	MW-5 A8E30603	MW-5 RSI0359-02	MW-5 RTF0798-04	MW-5 480-2185-4	MW-5 480-14453-4	MW-5 480-23574-2	MW-5 480-38363-5	MW-5 480-56775-5
			Source: BM A07-E985 Water Matrix: Water Sampled: 12/26/2007	TA A08-E150 Water 11/10/2008	TA RSI0296 Water 9/10/2009	TA RTF0798 Water 6/10/2010	TA 480-2185 Water 3/3/2011	TA 480-14453 Water 12/23/2011	TA 480-23574 Water 8/7/2012	TA 480-38363 Water 5/15/2013	TA 480-56775 Water 3/27/2014	
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	49	ND	ND	ND	ND	4.1 J	ND	ND	9.0 J
71-43-2	Benzene	1	µg/L	ND	60	76	80 DO3	48	56	97	130	1.4
78-93-3	2-Butanone	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-00-3	Chloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
74-87-3	Chloromethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	ND	3 J	4.4 J	ND	2.3	1.2	7.6	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	ND	5	5.6	3.7 DO3, J	1.4	2.3	11	7.4 J	ND
1330-20-7	Xylene (total)	5	µg/L	8	10 J	16	12 DO3	7.9	6.2	29	27	ND
Total VOCs				57	78	102	95.7	59.6	69.8	144.6	164.4	10.4
SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	ND	4 J	6.0	2.9 J	0.84 J	2.5 J	8.0	5.8 *	ND
95-48-7	2-Methylphenol	1	µg/L	0.7 J	0.7 J	1.4 J	ND	ND	0.49 J	2.3 J	1.2 J	ND
106-44-5	4-Methylphenol	1	µg/L	0.9 J	1 J	1.6 J	ND	ND	0.54 J	2.1 J	1.3 J	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.57 J B	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.60 J B	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	0.35 J	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.86 J B	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	1 J B	ND	ND	ND	ND	ND	0.36 J	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	0.3 J B	1 J B	0.72 J	0.58 J	ND	1.3 J, B	ND	0.67 J B	0.31 J B
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.64 J B	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	11 B	23	17	7.9	ND	39	26 B	ND
108-95-2	Phenol	1	µg/L	ND	0.8 J	ND	ND	ND	ND	ND	1.3 J	ND
Total SVOCs				1.9	19.5	32.72	20.48	8.74	4.83	51.4	39.65	0.31
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
PCBs												
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
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									
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

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Gr
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance
NS = No Standard
(G) = Guidance Value
ND = Concentration was not detected at or above the reporting limit.
J = Result is less than the Reporting Limit but greater than or equal to the Method D
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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-5 480-70616-9	MW-5 480-83528-8	MW-5 480-101785-4
			Source: SDG: Matrix: Sampled:	TA 480-70616 Water 11/3/2014	TA 480-83528 Water 7/8/2015	TA 480-101785 Water 6/16/2016
CAS NO.	COMPOUND		UNITS:			
VOLATILES						
67-64-1	Acetone	50 (G)	µg/L	ND	10	8.3 J
71-43-2	Benzene	1	µg/L	4.8 J	1.1	11
78-93-3	2-Butanone	50	µg/L	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND
75-00-3	Chloroethane	5	µg/L	ND	ND	ND
67-66-3	Chloroform	7	µg/L	ND	ND	ND
74-87-3	Chloromethane	5	µg/L	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND	ND
108-88-3	Toluene	5	µg/L	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND
Total VOCs				4.8	11.1	19.3
SEMIVOLATILES						
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	ND	ND	ND
95-48-7	2-Methylphenol	1	µg/L	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1.9 J B	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND
Total SVOCs				1.9	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			
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
PCBs						
None Detected			µg/L	ND	ND	ND
Total PCBs				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

Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater
Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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
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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-6 162137	MW-6 G5189	MW-6 H1023	MW-6 H7533	MW-6 J8491	MW-6 M0298	MW-6 N4878	MW-6 Q4027	MW-6 R7179
		Source: SDG:	Columbia MW1 Water 8/12/1997	OBG 5116 Water 11/20/1997	OBG 6857 Water 2/20/1998	OBG 7830 Water 5/29/1998	OBG 9596 Water 10/23/1998	OBG 1516 Water 4/21/1999	OBG 3856 Water 11/9/1999	OBG 5512 Water 4/28/2000	OBG 7645 Water 12/14/2000	
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	7 J, B	ND	ND	ND	3 J
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	4 J	6 J	7 J	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	1 J, B	ND	ND	ND
Total VOCs				ND	ND	ND	ND	7	5	6	7	3
SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND	ND	1 J	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	ug/L	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				1	ND	ND	ND	ND	ND	ND	1	ND
PESTICIDES												
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	0.012 J	0.0017 J, P
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	0.00061 B, J, P	ND	ND	ND	ND	ND
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	0.00066 J, P	ND	ND	ND	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	0.0021 J	ND	ND	0.0032 J, P	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	0.0014 J, P	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	0.0023 J, P	ND	ND	ND	ND
72-20-8	Endrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.00069 J, P
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	0.0032 J, P	ND	ND	ND	ND	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.0027 B, J, P	0.0021 J, P	0.0083 J, P	ND	0.0035 J, P	ND
76-44-8	Heptachlor	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	0.0017 J, P	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	0.00052 B, J, P	ND	0.0027 J, P	ND	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			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	ND	ND	ND	ND	ND	ND	ND	ND
INORGANICS												
7429-90-5	Aluminum	NS	µg/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	µg/L	ND	2.7 B	ND	ND	1.9 B	ND	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	8 B	ND	ND	ND	ND	ND	ND	ND	ND
7440-39-3	Barium	1000	µg/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)	µg/L	0.95 B	ND	0.07 B	ND	ND	ND	0.07 B	ND	0.29 B
7440-43-9	Cadmium	5	µg/L	3 B	ND	ND	ND	0.53 B	ND	ND	ND	ND
7440-70-2	Calcium	NS	µg/L	123000	168000	165000	166000	161000	159000	167000	252000	247000
7440-47-8	Chromium	50	µg/L	ND	2.9 B	2.8 B	ND	4.9 B	3 B	3.9 B, E	7.6 B	6.8 B
7440-50-8	Copper	200	µg/L	ND	0.97 B	1.1 B	ND	1.3 B	ND	0.83 B	ND	ND
7439-89-6	Iron	300	µg/L	14600	20700	22400	21600	18100	17500	19600	33100	46900
7439-92-1	Lead	25	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	2.9 B
7439-95-4	Magnesium	35000 (G)	µg/L	24900	25600	25700	24400	19500	16400	17800	36000	49200
7439-96-5	Manganese	300	µg/L	1010	1420	1590	1610	1150	1220	1470	2100	3310
7440-02-0	Nickel	100	µg/L	ND	0.71 B	ND	ND	ND	ND	1.3 B, E	ND	ND
7440-09-7	Potassium	NS	µg/L	12300	22900	23100	25600	36900	54100	57900	56600	32800 E
7782-49-2	Selenium	10	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver	50	µg/L	1.5 B	0.64 B	0.75 B	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	20000	µg/L	28700	35900	36300	33600	32800	36500	43500 E	58300	62400
7440-28-0	Thallium	.5 (G)	µg/L	ND	6 B	6.2 B	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	ND	1.1 B	1.3 B	1.4 B	ND	1.4 B	1.4 B, E	0.66 B, J, P	1 B
7440-66-6	Zinc	2000 (G)	µg/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	µg/L	5.5	20.7	ND	ND	ND	ND	ND	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.
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-6 S7280	MW-6 T6911	MW-6 V4636	MW-6 Z7812	MW-6 A7433	MW-6 B4508	MW-6 E1190	MW-6 0508015-003A	MW-6 0603108-002A
			Source: OBG SDG: 9259 Matrix: Water Sampled: 6/19/2001	OBG 739 Water 12/12/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/18/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/18/2003	OB 6968 Water 6/9/2004	OB 200508 Water 8/1/2005	LSL-BL 6030950 Water 3/23/2006	
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	5 J	ND	ND	4 J, B	ND	ND	2 J, B	3 J, B	2 J, B
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	1 J	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	1 J, B	ND	1 J, B	ND	ND	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	µg/L	3 J	1 J, B	ND	ND	ND	ND	4 J	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				3	1	ND	ND	ND	ND	4	ND	ND
PESTICIDES												
309-00-2	Aldrin	ND	µg/L	ND	ND	0.012 J, P	ND	ND	ND	ND		
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND		
72-55-9	4,4'-DDE	0.2	µg/L	0.0027 B, J	ND	ND	ND	ND	ND	ND		
50-29-3	4,4'-DDT	0.2	µg/L	0.0033 J, P	ND	ND	ND	ND	ND	ND		
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	ND	ND	ND		
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	ND	ND		
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	ND	ND	0.0071 J, P		
72-20-8	Endrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND		
7421-93-4	Endrin aldehyde	5	µg/L	ND	0.01 B, J, P	ND	ND	0.0056 B, J	ND	ND		
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND		
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	ND	0.0036 B, J, P		
76-44-8	Heptachlor	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND		
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	ND	ND		
Total Pesticides				0.006	0.01	0.012	ND	0.0056	ND	0.0107	NA	NA
PCBs												
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	ND	ND	ND	ND	ND	ND	ND	ND
INORGANICS												
7429-90-5	Aluminum	NS	µg/L	263	160 B	357	74.6 B	30.6 B	74 B	111 B		
7440-36-0	Antimony	3	µg/L	ND	ND	ND	ND	ND	ND	ND		
7440-38-2	Arsenic	25	µg/L	ND	ND	ND	1.9 B	ND	ND	ND		
7440-39-3	Barium	1000	µg/L	154 B	149 B	111 B	84 B	107 B	110 B	105 B		
7440-41-7	Beryllium	3 (G)	µg/L	ND	0.11 B	0.17 B	ND	ND	ND	ND		
7440-43-9	Cadmium	5	µg/L	ND	ND	ND	ND	ND	ND	ND		
7440-70-2	Calcium	NS	µg/L	254000	235000	235000	171000	148000	158000	154000		
7440-47-8	Chromium	50	µg/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	µg/L	1.8 B	ND	2.3 B	ND	ND	ND	ND		
7439-89-6	Iron	300	µg/L	66600	54000	46700	36100	27000	26600	24500		
7439-92-1	Lead	25	µg/L	ND	1.6 B	ND	ND	ND	ND	0.69 B		
7439-95-4	Magnesium	35000 (G)	µg/L	61500	49500	53600	44400	35600	36900	34500		
7439-96-5	Manganese	300	µg/L	4620	4190	2900	2000	1530	1420	1300		
7440-02-0	Nickel	100	µg/L	ND	1.4 B	ND	ND	ND	ND	ND		
7440-09-7	Potassium	NS	µg/L	31300	51800	22500	17200	14600	13200	12300		
7782-49-2	Selenium	10	µg/L	2.7 B	ND	ND	ND	ND	2.7 B	ND		
7440-22-4	Silver	50	µg/L	ND	ND	ND	ND	ND	ND	ND		
7440-23-5	Sodium	20000	µg/L	70000	66400	55400 E	44900	35300	35000	33700		
7440-28-0	Thallium	.5 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND		
7440-62-2	Vanadium	NS	µg/L	1.6 B	1.8 B	ND	2.1 B	1.2 B	ND	ND		
7440-66-6	Zinc	2000 (G)	µg/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	µg/L	12	ND	ND	15.7	8.3 B	10.6	ND		
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
 NS = No Standard
 (G) = Guidance Value
 ND = Concentration was 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-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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-6 A7E98507	MW-6 A8E30604	MW-6 RSI0312-06	MW-6 RTF0798-05	MW-6 480-2185-5	MW-6 480-14453-5	MW-6 480-23574-3	MW-6 480-38363-6	MW-6 480-56775-6
			Source: TA SDG: A07-E985 Matrix: Water Sampled: 12/26/2007	TA A08-E150 Water 11/10/2008	TA RSI0296 Water 9/9/2009	TA RTF0798 Water 6/10/2010	TA 480-2185 Water 3/3/2011	TA 480-14453 Water 12/23/2011	TA 480-23574 Water 8/7/2012	TA 480-38363 Water 5/15/2013	TA 480-56775 Water 3/27/2014	
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	ND	ND	ND	ND	ND
SEMIVOLATILES												
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	17	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.75 J B	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.70 J B	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	0.51 J	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.82 J	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.94 J B	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.31 J	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	1 J B	ND	ND	ND	ND	ND	0.34 J	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	0.4 J, B	0.7 J	ND	0.45 J	0.43 J	0.98 J, B	ND	0.75 J B	0.39 J B
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.85 J B	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.38 J	ND
Total SVOCs				17.4	0.3	ND	0.45	0.43	0.98	ND	6.35	0.39
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									
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									
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									
Total Pesticides				NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs												
None Detected			µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
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									
7440-50-8	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

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater
 Bold and shaded values exceed the NYSDEC Class GA groundwater standard/guidance value
 NS = No Standard
 (G) = Guidance Value
 ND = Concentration was 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
 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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-6 480-70616-3	MW-6 480-83521-2	MW-6 480-101785-1
			Source: SDG: Matrix: Sampled:	TA 480-70616 Water 11/3/2014	TA 480-83528 Water 7/8/2015	TA 480-101785 Water 6/16/2016
CAS NO.	COMPOUND		UNITS:			
VOLATILES						
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND
Total VOCs				ND	ND	ND
SEMIVOLATILES						
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND
56-55-3	Benzo[a]anthracene	0.002 (G)	µg/L	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	ug/L	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND
Total SVOCs				ND	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			
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			
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			
Total Pesticides				NA	NA	NA
PCBs						
None Detected			µg/L	ND	ND	ND
Total PCBs				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			
7440-50-8	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

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
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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-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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-7 162138	MW-7 G5190	MW-7 H1024	MW-7 H7534	MW-7 J8492	MW-7 M0299	MW-7 N4879	MW-7 Q4029	MW-7 R7151
		Source: Columbia										
		SDG: MW1										
		Matrix: Water										
		Sampled: 8/12/1997										
CAS NO.	COMPOUND		UNITS:									
VOLATILES												
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	8 J, B	ND	ND	ND	8 J
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	11	8 J	4 J	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	1 J	ND	ND	ND	1 J
127-18-4	Tetrachloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	1 J
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	1 J	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	10	11	8	4	10
SEMIVOLATILES												
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	2 J, B	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	3 J, B	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	10 J	8 J	3 J	1 J	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	2J, B	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				18	8	3	1	ND	ND	ND	ND	ND
PESTICIDES												
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	0.00044 B, J, P	ND	0.0061 B, J	ND	ND	ND
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.00061 B, J, P
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.003 J, P
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	0.0012 J, P	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	0.00072 B, J, P	ND	ND	ND	ND	0.00089 J, P
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	0.0033 J, P	ND	ND	ND	ND	ND	0.1 J, P
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	0.0013	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	0.0055 J	0.00091 J, P	ND	ND	0.012 J, P	0.0029 J, P	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	0.0042 B, J, P	0.0037	0.008 J, P	ND	0.0042 J, P	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	0.0048 J	ND	0.0018 B, J, P	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	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		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	8.6 B	ND	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic	25	µg/L	24.2	52.2	ND	ND	ND	ND	ND	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	ND	ND	0.26 B	0.19 B	0.33 B	0.33 B
7440-43-9	Cadmium	5	µg/L	4 B	1.1 B	ND	ND	ND	ND	ND	ND	ND
7440-70-2	Calcium	NS	µg/L	60800	214000	104000	106000	103000	110000	111000	120000	125000
7440-47-8	Chromium	50	µg/L	ND	77.2	7.4 B	ND	6.3 B	8.5 B	7.4 B, E	16.8	12.2
7440-48-4	Cobalt	NS	µg/L	ND	17.6 B	ND	ND	ND	ND	ND	1.7 B	ND
7440-50-8	Copper	200	µg/L	ND	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	ND	53.2	ND	ND	ND	ND	ND	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	ND	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	ND	5	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver	50	µg/L	1.4 B	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	6.9 B	3.6 B	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	µg/L	ND	42.5 B	3.4 B	1.8 B	ND	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	ND	ND	ND	ND	ND	ND
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.
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-7 S7277	MW-7 T6913	MW-7 V4634	MW-7 Z9833	MW-7 A7552	MW-7 B4509	MW-7 E1192	MW-7 0508015-001A	MW-7 0603108-002A	MW-7 A7E98508
			Source: SDG: Matrix: Sampled:	OBG 9259 Water 6/18/2001	OBG 739 Water 12/12/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/19/2002	OB 5716 Water 6/25/2003	OB 6968 Water 12/18/2003	OB 6968 Water 6/9/2004	OB 200508 Water 8/1/2005	LSL-BL 6030950 Water 3/23/2006	TA A07-E985 Water 12/26/2007
CAS NO.	COMPOUND		UNITS:										
VOLATILES													
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	3 J, B	ND	ND	3 J, B	4 J, B	2 J, B	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	30	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	0.9 J, B	1 J	1 J, B	0.5 J, B	ND	0.7 J, B	2 J, B	1 J, B	ND
127-18-4	Tetrachloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				ND	0.9	1	4	30.5	ND	3.7	6	3	ND
SEMIVOLATILES													
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	ND	ND	ND	9 J	ND	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	7 J	ND	ND	ND	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	14	ND	ND	ND	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	4 J	ND	ND	11	ND	ND	18	ND	ND	37
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	7 J	ND	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4 J, B
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	ND	ND	ND	6 J	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	1	µg/L	ND	ND	ND	1	ND	ND	ND	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND	3 J	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	26	ND	ND	ND	ND	ND	ND
Total SVOCs				4	ND	ND	109	ND	ND	18	ND	ND	37.4
PESTICIDES													
309-00-2	Aldrin	ND	µg/L	ND	ND	0.011 J, P	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-55-9	4,4'-DDE	0.2	µg/L	0.003 B, J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	0.0027 J	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	0.021 B, J	ND	ND	0.004 B, J	ND	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	0.0039 J	ND	ND	ND	ND	ND	ND	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	ND	0.0024 B, J, P	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Pesticides				0.003	0.0276	0.011	ND	0.004	ND	0.0024	NA	NA	NA
PCBs													
	PCB-1242		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs				ND	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	ND	ND	ND	ND	ND	ND	ND			
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	ND	0.11 B	0.22 B	ND	ND	ND	ND			
7440-43-9	Cadmium	5	µg/L	ND	0.62 B	ND	ND	ND	ND	ND			
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	ND	4.9 B			
7440-48-4	Cobalt	NS	µg/L	ND	1.5 B	ND	ND	ND	ND	ND			
7440-50-8	Copper	200	µg/L	ND	ND	ND	ND	0.9 B	ND	ND			
7439-89-6	Iron	300	µg/L	25100	30700	26500	26300	22800	23900	23200			
7439-92-1	Lead	25	µg/L	ND	ND	ND	ND	ND	ND	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	ND	4.3 B	1.7 B	ND	2.5 B			
7440-09-7	Potassium	NS	µg/L	13100	16700	13000	12600	10700	12000	11200			
7782-49-2	Selenium	10	µg/L	ND	ND	ND	ND	ND	3 B	ND			
7440-22-4	Silver	50	µg/L	ND	ND	ND	ND	ND	ND	ND			
7440-23-5	Sodium	20000	µg/L	23500	24800	27800 E	27200	26700	27700	28900			
7440-28-0	Thallium	.5 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND			
7440-62-2	Vanadium	NS	µg/L	1.2 B	1.7 B	1.4 B	1.8 B	1.4 B	ND	ND			
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	ND	10.2	ND	11.8	14.4	13.4	ND			
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	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
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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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-7 A8E15004	MW-7 RSI0312-05	MW-7 RTF0798-06	MW-7 480-2185-6	MW-7 480-14453-6	MW-7 480-23574-4	MW-7 480-38363-7	MW-7 480-56775-7
			Source: SDG: Matrix: Sampled:	TA A08-E150 Water 11/6/2008	TA RSI0296 Water 9/9/2009	TA RTF0798 Water 6/10/2010	TA 480-2185 Water 3/3/2011	TA 480-14453 Water 12/23/2011	TA 480-23574 Water 8/7/2012	TA 480-38363 Water 5/15/2013	TA 480-56775 Water 3/27/2014
CAS NO.	COMPOUND		UNITS:								
VOLATILES											
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	3.4 J
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				ND	ND	ND	ND	ND	ND	ND	3.4
SEMIVOLATILES											
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	ND	ND	ND	ND	ND	ND	1.0 J B	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND	0.61 J	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	1.0 J B	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	0.73 J	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	1.1 J	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	1.4 J B	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	0.45 J	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	0.3 J	ND	ND	0.41 J	1.0 J, B	ND	0.91 J B	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	1.3 J B	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	0.44 J	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	0.55 J	ND
95-48-7	2-Methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	0.56 J	ND
Total SVOCs				0.3	ND	ND	0.41	1.0	ND	9.61	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
PCBs											
	PCB-1242		µg/L	ND	ND	ND	ND	ND	1.5	ND	ND
Total PCBs				ND	ND	ND	ND	ND	1.5	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

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
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample	MW-7 480-70616-4	MW-7 480-83528-4	MW-7 480-101785-3
			Source: SDG: Matrix: Sampled:	TA 480-70616 Water 11/3/2014	TA 480-83528 Water 7/8/2015	TA 480-101785 Water 6/16/2016
CAS NO.	COMPOUND		UNITS:			
VOLATILES						
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND
127-18-4	Tetrachloroethene	5	µg/L	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND
Total VOCs				ND	ND	ND
SEMIVOLATILES						
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	ND	ND	ND
50-32-8	Benzo[a]pyrene	NS	µg/L	ND	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND
117-81-7	bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND
95-48-7	2-Methylphenol	1	µg/L	ND	ND	ND
106-44-5	4-Methylphenol	1	µg/L	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND
Total SVOCs				ND	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
PCBs						
	PCB-1242		µg/L	ND	ND	ND
Total PCBs				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

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
NS = No Standard
(G) = Guidance Value
ND = Concentration was 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-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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample ID: Source: SDG: Matrix: Sampled:	RW-4	RW-4	RW-4	RW-4	RW-4	RW-4
CAS NO.	COMPOUND			UNITS:	0508082-002A	0603110-002A	A7E98509	A8E15005	RSI0296-01
VOLATILES									
67-64-1	Acetone	50 (G)	µg/L	5 J, B	1 J B	ND	ND	ND	ND
71-43-2	Benzene	1	µg/L	4 J	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	5	µg/L	0.7 J	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	0.7 J	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	0.9 J B	0.9 J B	ND	ND	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	1 J	ND	ND	ND	ND	ND
1330-20-7	Xylenes, Total	5	µg/L	ND	ND	ND	ND	ND	ND
Total VOCs				12.3	1.9	ND	ND	ND	ND
SEMIVOLATILES									
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	NS	µg/L	ND	ND	ND	ND	ND	ND
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
50-32-8	Benzo(a)pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	ND	ND	ND	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND
81-74-2	Di-n-butyl phthalate	50	µg/L	ND	2 J	ND	ND	ND	ND
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	3	µg/L	ND	ND	ND	0.5 J B	ND	ND
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND	ND	0.6 J B	ND	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	ND	ND	0.5 J B	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	7 J	ND	ND	0.2 J B	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	0.3 J B	ND	ND
Total SVOCs				7	2	ND	0.7	ND	ND
PCBs									
None detected			µg/L	ND	ND	ND	ND	ND	ND
Total PCBs				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.
 NS = No Standard
 (G) = Guidance Value
 ND = Concentration was 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-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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id:	RW-4 480-2185-8	RW-4 480-14402-1	RW-4 480-23574-5	RW-4 480-38452-6	RW-4 480-56862-6	RW-4 480-70664-1
			Source: SDG:	TA 480-2185	TA 480-14402	TA 480-23574	TA 480-38452	TA 480-56862	TA 480-70664
			Matrix: Sampled:	Water 3/3/2011	Water 12/22/2011	Water 8/7/2012	Water 5/16/2013	Water 3/28/2014	Water 11/4/2014
CAS NO.	COMPOUND		UNITS:						
VOLATILES									
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	1	µg/L	ND	9.9	6.5	13	1.3	14
75-15-0	Carbon Disulfide	60 (G)	µg/L	ND	0.52 J B	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	ND	1.5	1.6	5.7	3.9	10
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	ND	0.82 J	0.55 J	ND	ND	ND
1330-20-7	Xylenes, Total	5	µg/L	ND	1.2 J	3.3	4.4	5.7	2.0
Total VOCs				ND	13.94	11.95	23.1	10.9	26
SEMI-VOLATILES									
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	ND	ND	0.66 J	0.78 J
208-96-8	Acenaphthylene	NS	µg/L	ND	ND	ND	0.49 J	0.61 J	0.70 J
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
50-32-8	Benzo(a)pyrene	NS	µg/L	ND	ND	ND	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	ND	ND	ND	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50	µg/L	ND	ND	ND	ND	ND	0.41 J
81-74-2	Di-n-butyl phthalate	50	µg/L	0.37 J	ND	ND	0.29 J	0.48 J B	ND
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	0.34 J	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	3.2 J	5.8	ND	0.88 J	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND	0.57 J	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND
Total SVOCs				0.37	3.54	5.8	1.35	2.63	1.89
PCBs									
None detected			µg/L	ND	ND	ND	ND	ND	ND
Total PCBs				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
 NS = No Standard
 (G) = Guidance Value
 ND = Concentration was 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-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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	RW-4 480-83621-2 TA 480-83621 Water 7/9/2015	RW-4 480-101880-1 TA 480-101880 Water 6/17/2016
CAS NO.	COMPOUND		UNITS:		
VOLATILES					
67-64-1	Acetone	50 (G)	µg/L	ND	ND
71-43-2	Benzene	1	µg/L	0.60 J	ND
75-15-0	Carbon Disulfide	60 (G)	µg/L	ND	ND
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND
100-41-4	Ethylbenzene	5	µg/L	1.6	1.6
75-09-2	Methylene chloride	5	µg/L	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND
108-88-3	Toluene	5	µg/L	ND	ND
1330-20-7	Xylenes, Total	5	µg/L	ND	ND
Total VOCs				2.2	1.6
SEMIVOLATILES					
120-12-7	Anthracene	50 (G)	µg/L	ND	ND
208-96-8	Acenaphthylene	NS	µg/L	0.46 J	ND
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	ND	ND
50-32-8	Benzo(a)pyrene	NS	µg/L	ND	ND
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	ND	ND
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND
86-74-8	Carbazole	NS	µg/L	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	ND	ND
84-66-2	Diethyl phthalate	50	µg/L	0.27 J	0.29 J
81-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND
95-50-1	1,2-Dichlorobenzene	3	µg/L	ND	ND
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND
Total SVOCs				0.73	0.29
PCBs					
None detected			µg/L	ND	ND
Total PCBs				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

NS = No Standard

(G) = Guidance Value

ND = Concentration was 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 Groundwater Analytical Data 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
CAS NO.	COMPOUND		UNITS:					
VOLATILES								
67-64-1	Acetone	50 (G)	µg/L	5 J B	2 J, B	ND	ND	2.8 J
71-43-2	Benzene	1	µg/L	25	ND	ND	ND	1.8
75-15-0	Carbon Disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	12	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	1 J, B	ND	ND	ND	ND
100-42-5	Styrene	5	µg/L	10	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	15	ND	ND	ND	ND
1330-20-7	Xylenes, Total	5	µg/L	ND	ND	ND	ND	ND
Total VOCs				68	2	ND	ND	4.6
SEMIVOLATILES								
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	NS	µg/L	5 J	ND	ND	ND	ND
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	ND	ND	ND	ND	ND
50-32-8	Benzo(a)pyrene	NS	µg/L	ND	ND	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	ND	ND	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	µg/L	2 J	ND	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50	µg/L	ND	ND	ND	ND	ND
81-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	0.3 J	ND
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	8 J	ND	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	3 J	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	430 E	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	3 J	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	ND	ND
Total SVOCs				451	ND	ND	0.3	ND
PCBs								
None detected			µg/L	ND	ND	ND	ND	ND
Total PCBs				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.

NS = No Standard

(G) = Guidance Value

ND = Concentration was 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.

E = Concentration exceeds method limit.

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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	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
CAS NO.	COMPOUND		UNITS:						
VOLATILES									
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	1	µg/L	0.89 J	ND	ND	41	ND	ND
75-15-0	Carbon Disulfide	60 (G)	µg/L	ND	ND	0.56 J, B	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	ND	ND	ND	15	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	ND	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	ND	ND	ND	1.5	ND	ND
1330-20-7	Xylenes, Total	5	µg/L	ND	ND	ND	24	ND	ND
Total VOCs				0.89	ND	0.56	81.5	ND	ND
SEMIVOLATILES									
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	0.64 J	ND	ND	ND
208-96-8	Acenaphthylene	NS	µg/L	ND	ND	ND	0.77 J	ND	ND
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	ND	ND	0.72 J	ND	ND	ND
50-32-8	Benzo(a)pyrene	NS	µg/L	ND	ND	0.48 J	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	ND	ND	0.54 J	ND	ND	ND
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	ND	ND	0.57 J	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	0.63 J	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	ND	ND	3.2 J	ND	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	3.4 J	ND	ND	0.52 J B
86-74-8	Carbazole	NS	µg/L	ND	ND	0.34 J	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	0.62 J	ND	ND	ND
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	ND	ND	0.53 J	ND	ND	ND
84-66-2	Diethyl phthalate	50	µg/L	ND	ND	ND	ND	ND	0.26 J
81-74-2	Di-n-butyl phthalate	50	µg/L	ND	0.34 J	0.83 J	ND	0.41 J	ND
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND	3.0 J	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	0.69 J	ND	ND	ND
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	ND	ND	0.55 J	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	1.7 J	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	ND	8.8	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	0.89 J	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	0.76 J	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND
Total SVOCs				ND	0.34	18.39	11.27	0.41	0.78
PCBs									
None detected			µg/L	ND	ND	ND	ND	ND	ND
Total PCBs				ND	ND	ND	ND	ND	ND

Notes:

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

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

NS = No Standard

(G) = Guidance Value

ND = Concentration was 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

B = Compound was found in the blank and sample.

E = Concentration exceeds method limit.

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 Groundwater Analytical Data Historically Detected Compounds		NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled:	RW-5 480-70664-2 TA 480-70664 Water 11/4/2014	RW-5 480-83621-3 TA 480-83621 Water 7/9/2015	RW-5 480-101880-2 TA 480-101880 Water 6/17/2016
CAS NO.	COMPOUND		UNITS:			
VOLATILES						
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND
71-43-2	Benzene	1	µg/L	4.4	ND	ND
75-15-0	Carbon Disulfide	60 (G)	µg/L	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND
100-42-5	Styrene	5	µg/L	ND	ND	ND
108-88-3	Toluene	5	µg/L	ND	ND	ND
1330-20-7	Xylenes, Total	5	µg/L	ND	ND	ND
Total VOCs				4.4	ND	ND
SEMIVOLATILES						
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	ND
208-96-8	Acenaphthylene	NS	µg/L	ND	ND	ND
56-55-3	Benzo(a)anthracene	0.002 (G)	µg/L	ND	ND	ND
50-32-8	Benzo(a)pyrene	NS	µg/L	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	0.002 (G)	µg/L	ND	ND	ND
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	ND	ND	ND
101-55-3	4-Bromophenyl phenyl ether	NS	µg/L	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	5	µg/L	3.8 J	ND	ND
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	1.2 J B	ND	ND
86-74-8	Carbazole	NS	µg/L	ND	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	ND	ND	ND
84-66-2	Diethyl phthalate	50	µg/L	ND	ND	ND
81-74-2	Di-n-butyl phthalate	50	µg/L	0.37 J	ND	ND
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	3	µg/L	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND
193-39-5	Ideno(1,2,3-cd)pyrene	0.002 (G)	µg/L	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	15	ND	1.3 J
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND
108-95-2	Phenol	1	µg/L	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND
Total SVOCs				20.37	ND	1.3
PCBs						
None detected			µg/L	ND	ND	ND
Total PCBs				ND	ND	ND

Notes:

NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater (

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

NS = No Standard

(G) = Guidance Value

ND = Concentration was 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 Lin

B = Compound was found in the blank and sample.

E = Concentration exceeds method limit.

APPENDIX B-3
Historically Detected Compounds
(Sumps, 1997-2016)

Appendix B-3a - Sump S-1 Historically Detected Compounds

**CHEERY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)**

Cherry Farm Sump Samples		NYSDEC Class GA	Sample ID: Lab Sample	S-1 G5093	S-1 H0918	S-1 H7400	S-1 J8341	S-1 M0193	S-1 N4877	S-1 NAPL A9751104	S-1 Q3849	S-1 R7180	S-1 S7322	S-1 T7106	S-1 V4632	S-1 Z7813	S-1 A7429	S-1 B4467	S-1 E1135	
Historically Detected Compounds		Groundwater Standards/ Guidance Values	Source: SDG: Matrix: Sampled:	OBG 5116 Water 11/20/1997	OBG 6847 Water 2/18/1998	OBG 7810 Water 5/28/1998	OBG 9571 Water 10/21/1998	OBG 1489 Water 4/20/1999	OBG 3856 Water 11/9/1999	OBG 11090 Water 11/9/1999	OBG 5490 Water 4/26/2000	OBG 7645 Water 12/14/2000	OBG 9270 Water 6/20/2001	OBG 764 Water 12/13/2001	OB 2494 Water 6/19/2002	OB 4203 Water 12/18/2002	OB 5716 Water 6/24/2003	OB 6968 Water 12/18/2003	OB 6968 Water 6/8/2004	
CAS NO.	COMPOUND		UNITS:																	
VOLATILES																				
67-64-1	Acetone	50 (G)	µg/L	7 J	4 J	9 J	10 J	13	7 J	NA	7 J	5 J	12	4 J	ND	6 J, B	6 J	ND	10 J, B	
71-43-2	Benzene	1	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
78-93-3	2-Butanone	50	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	3 J	ND	ND	2 J	ND	ND	2 J	
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	7 J	ND	NA	ND	ND	ND	ND	15	ND	ND	ND	ND	
108-90-7	Chlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.8 J	ND	ND	0.6 J	
75-00-3	Chloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	1 J	ND	ND	ND	ND	ND	ND	
74-87-3	Chloromethane	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	2 J	ND	ND	ND	ND	ND	ND	
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
540-59-0	1,2-Dichloroethene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-10-1	4-Methyl-2-pentanone	NS	µg/L	3 J	2 J	ND	2 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.6 J	
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	2 J	ND	ND	NA	ND	ND	1 J	0.6 J, B	2 J	0.7 J, B	0.5 J	ND	1 J, B	
127-18-4	Tetrachloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-88-3	Toluene	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
79-01-6	Trichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-01-4	Vinyl chloride	3	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1330-20-7	Xylene (total)	5	µg/L	2 J	2 J	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total VOCs				14	10	9	14	20	7	NA	7	5	19	4.6	17	9.5	6.5	ND	14.2	
SEMI-VOLATILES																				
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	ND	ND	ND	ND	ND	10 J, D	ND	
120-12-7	Anthracene	50(G)	µg/L	14	39	2 J	300 D	110 D	23 J, D	83,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	ND	90 J, D	56 D	13	
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	ND	72 J, D	53 D	10 J	
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	15 J	
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	6 J	34	ND	130 D	220 D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4 J	
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	6 J	29	ND	160 D	77 D	29 J, D	ND	ND	ND	25 J, D	ND	14 J, D	ND	58 J, D	31 J, D	10 J	
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	ND	100 J, D	77 D	13 J	
86-74-8	Carbazole	NS	µg/L	ND	ND	2 J	ND	ND	ND	ND	ND	30 J, D	ND	ND	ND	ND	ND	ND	ND	
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	ND	83 J, D	46 J, D	12 J	
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	ND	10	ND	40 J, D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2 J	
132-64-9	Dibenzofuran	NS	µg/L	5 J	31	2 J	250 D	73 D	24 J, D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	3 J	1 J	16 J, D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2 J	
106-46-7	1,4-Dichlorobenzene	3	µg/L	2 J	14	6 J	77 J, D	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	7 J, D	3 J	
120-83-2	2,4-Dichlorophenol	1	µg/L	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
105-67-9	2,4-Dimethylphenol	1	µg/L	260 E	290 E	78	84 J, D	33	12 J, D	ND	ND	12 J, D	ND	ND	26 J, D	ND	ND	14 J, D	7 J	
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	570 J, D	ND	ND	ND	ND	ND	ND	ND	ND	
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	ND	ND	89 J, D	51 J, D	43 J, D	98 J	230 J, D	120 D	27	
86-73-7	Fluorene	50 (G)	µg/L	8 J	30	2 J	390 D	99 D	39 J, D	1,200,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	6 J	30	ND	120 D	190 D	21 J, D	ND	ND	ND	ND	ND	10 J, D	ND	ND	ND	4 J	
91-57-6	2-Methylnaphthalene	NS	µg/L	2 J	5 J	1 J	130 D	17 J, D	79 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
95-48-7	2-Methylphenol	1	µg/L	51	33	6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
106-44-5	4-Methylphenol	1	µg/L	86 E	37	37	ND	ND	ND	ND	ND	ND	ND	ND	13 J, D	ND	ND	ND	ND	
91-20-3	Naphthalene	10 (G)	µg/L	3 J	5 J	2 J	65 J, D	6 J, D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
87-86-5	Pentachlorophenol	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-95-2	Phenol	1	µg/L	68	40	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2 J	
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	75	
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	12	52	4 J	31 J, D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	199.0	
PESTICIDES																				
309-00-2	Aldrin	ND	µg/L	ND	ND	0.008 J, P	ND	ND	0.038 J, P	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	0.011 J, P	ND	ND	ND	NA	0.12 J, P	0.018 J, P	ND	0.11 J, P	ND	0.26	0.072 J, P	ND	ND	
319-85-7	beta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
319-86-8	delta-BHC	0.04	µg/L	ND	0.021 J, P	ND	ND	0.0048 J, P	0.0046 J, P	NA	0.0026 J, P	ND	0.0045 J, P	ND	ND	ND	ND	ND	ND	
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	0.28 P	1.3 P	ND	ND	0.092 J, P	0.2 J, P	
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.096 J, P	ND	ND	ND	
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	0.02 J, P	ND	ND	0.0082 J, P	NA	ND	ND	ND	1.2 P	ND	0.53 P	ND	ND	ND	
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	ND	NA	0.029 J, P	ND	0.068 J, P	ND	ND	2.3 P	0.053 J, P	ND	ND	
72-55-9	4,4'-DDE	0.2	µg/L	ND	1.4 P	0.016 J, P	0.51 P	1.3 P	0.24 J, P	NA	0.79	0.58 P	2.1 B, P	2.3	9.3 E	0.69 P	1 P	0.61 P	1.1	
50-29-3																				

Appendix B-3a - Sump S-1 Historically Detected Compounds
CHEERY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples	NYSDEC Class GA Groundwater Standards/ Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	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 RS10312-01 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	S-1 480-83621-4 TA 480-83621 WATER 7/9/2015	S-1 480-101674-4 TA 480-101674 WATER 6/15/2016	
CAS NO.	COMPOUND	UNITS:															
VOLATILES																	
67-64-1	Acetone	50 (G)	µg/L	5 J, B	5 J, B	ND	ND	5.5	ND	ND	ND	4.1 J	ND	ND	3.0 J	ND	ND
71-43-2	Benzene	1	µg/L	ND	ND	ND	ND	ND	ND	0.44 J	0.41 J	ND	ND	ND	ND	ND	ND
78-93-3	2-Butanone	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-90-7	Chlorobenzene	5	µg/L	0.7 J	0.8 J	3 J	ND	ND	ND	6.0	10	ND	ND	ND	ND	ND	ND
75-00-3	Chloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	1.1	ND	0.69 J	ND	ND	0.66 J	ND	ND
74-87-3	Chloromethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	5	µg/L	ND	ND	ND	ND	0.50 J	ND	0.44 J	ND	ND	ND	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
540-59-0	1,2-Dichloroethene (total)	5	µg/L	ND	ND	ND	ND	4.8	4.0 DO3, J	ND	ND	ND	ND	ND	ND	ND	3.4
108-10-1	4-Methyl-2-pentanone	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	0.9 J, B	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.49 J	ND	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	0.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
79-01-6	Trichloroethene	5	µg/L	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND	ND	ND	ND	ND	0.46 J
75-01-4	Vinyl chloride	3	µg/L	ND	ND	ND	ND	0.59 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				7.3	8.8	3	ND	12.05	4.0	7.54	10.44	5.69	ND	ND	3.66	ND	3.86
SEMI-VOLATILES																	
83-32-9	Acenaphthene	20 (G)	µg/L	2 J	ND	1 J	0.8 J	ND	ND	2.5 J	2.0 J	ND	ND	ND	1.0 J	ND	ND
120-12-7	Anthracene	50 (G)	µg/L	ND	ND	0.8 J	0.9 J	ND	ND	ND	ND	0.64 J	ND	ND	0.69 J	ND	ND
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	12	61 J	0.4 J	ND	32 J D12	ND	ND	ND	0.74 J	ND	ND	ND	ND	ND
50-32-8	Benzo[a]pyrene	ND	µg/L	10	62 J	ND	0.3 J	37 J D12	ND	ND	ND	0.77 J	ND	ND	0.48 J	ND	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	20	100 J	ND	0.3 J	47 J D12	ND	ND	ND	1.1 J	ND	ND	0.79 J	4.2 J	ND
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	4 J	33 J	ND	0.2 J B	ND	ND	ND	ND	0.65 J	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	5 J	38 J	ND	ND	26 J D12	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	8 J	76 J	ND	ND	110 D12	ND	2.9 J	ND	6.3	ND	ND	3.7 J	ND	ND
86-74-8	Carbazole	NS	µg/L	ND	ND	2 J	0.5 J	ND	1.1 J	2.3 J	3.6 J	0.96 J	ND	ND	0.45 J	ND	ND
218-01-9	Chrysene	0.002 (G)	µg/L	10	54 J	ND	ND	27 J D12	ND	ND	ND	0.73 J	ND	ND	ND	ND	ND
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	0.7 J B	ND	ND	1.3 J	ND	0.80 J	0.98 J	0.41 J	0.48 J	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND
53-70-3	Dibenz[a,h]anthracene	NS	µg/L	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	µg/L	ND	ND	0.7 J	ND	ND	ND	0.92 J	1.0 J	ND	ND	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND	1 J B	ND	ND	ND	0.82 J	0.89 J	ND	ND	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	1 J	ND	2 J	0.3 J B	ND	0.53 J	1.5 J	1.9 J	ND	ND	ND	ND	ND	ND
120-83-2	2,4-Dichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	1 J B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	22	ND	8	ND	ND	8.2	9.4	4.7 J	65	1.3 J	ND	18	ND	7.0
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	8.3	ND	0.45 J	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	21	140 J	0.4 J	0.8 J B	45 J D12	ND	ND	ND	1.4 J	ND	ND	0.55 J	ND	0.42 J
86-73-7	Fluorene	50 (G)	µg/L	ND	ND	1 J	0.4 J	ND	ND	1.6 J	1.2 J	0.77 J	ND	ND	0.43 J	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	4 J	32 J	ND	0.2 J B	ND	ND	ND	ND	0.54 J	ND	ND	0.47 J	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	0.6 J	ND	ND	ND	ND	ND	0.72 J	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	1	µg/L	ND	ND	0.2 J	ND	ND	0.79 J	0.54 J	ND	ND	ND	ND	0.70 J	ND	0.44 J
106-44-5	4-Methylphenol	1	µg/L	2 J	ND	ND	ND	ND	ND	ND	ND	ND	0.47 J	ND	1.0 J	ND	ND
91-20-3	Naphthalene	10 (G)	µg/L	ND	ND	2 J	0.3 J, B	ND	ND	1.1 J	1.8 J	ND	ND	ND	ND	ND	ND
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	5	µg/L	NA	NA	9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	1 J	ND	ND	ND	ND	ND	0.75 J	ND	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.81 J	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	30	190 J	0.8 J	0.6 J	90 J D12	ND	ND	0.48 J	1.9 J	ND	ND	0.54 J	4.7 J	0.39 J
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs				154.0	786.0	30.9	7.3	414	10.62	24.88	25.87	83.77	3.20	0.41	32.59	8.9	8.25
PESTICIDES																	
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	0.11 J, P	ND	ND	0.042 J	ND	ND	ND	ND	ND	0.019 J	0.018 J	ND	ND	ND
319-85-7	beta-BHC	0.04	µg/L	ND	ND	ND	0.031 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	0.072 B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.46 P	0.19 J	0.030 J	0.046 J	3.2 J QFL D04	0.012 QSU, J	ND	ND	ND	ND	0.026 J	ND	ND	ND
5103-71-9	alpha-Chlordane	0.05	µg/L	0.22 J, P	ND	ND	0.027 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	2 P	ND	0.012 J	ND	ND	0.012 QSU, J	ND	ND	ND	0.030 J	0.015 J	ND	ND	ND
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17 B	ND	ND	ND	ND
72-55-9	4,4'-DDE	0.2	µg/L	4.3	1.4 P	ND	ND	4.8 J QFL D04	0.017 QSU, J	ND	ND	ND	0.023 J	0.027 J	ND	ND	ND
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017 J	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	ND	0.023 J	0.13 J	6.7 QFL D04	ND	ND	ND	ND	0.010 J	ND	ND	ND	ND
959-98-8	Endosulfan I	NS	µg/L	0.58 P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	0.021 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	0.32 J, P	0.48 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	ND	µg/L	1.7 P	0.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	ND	5.9 J QFL D04	ND	ND	ND	ND	ND	ND	ND	ND	ND
53494-70-5	Endrin ketone	5	µg/L	0.23 J, P	0.16 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
76-44-8	Heptachlor	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.018 J	0.028 J	ND	ND	ND	ND
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.011 J	ND	ND	ND	ND	ND

Appendix B-3b - Sump S-2 Historically Detected Compounds
CERRY 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 G5094 OBG 5116 Water 11/20/1997	S-2 H0919 OBG 6847 Water 2/19/1998	S-2 H7397 OBG 7810 Water 5/28/1998	S-2 J8486 OBG 9595 Water 10/22/1998	S-2 M0296 OBG 1516 Water 4/21/1999	S-2 N5019 OBG 3880 Water 11/10/1999	S-2 Q3854 OBG 5490 Water 4/27/2000	S-2 R7177 OBG 7645 Water 12/14/2000	S-2 S7283 OBG 9259 Water 6/19/2001	S-2 T6915 OBG 739 Water 12/12/2001	S-2 V4633 OB 2494 Water 6/19/2002	S-2 Z7442 OB 4203 Water 12/17/2002	S-2 A7430 OB 5716 Water 6/24/2003	S-2 B4251 OB 6968 Water 12/15/2003	S-2 E1137 OB 6968 Water 6/8/2004	
CAS NO.	COMPOUND		UNITS:																
VOLATILES																			
67-64-1	Acetone	50 (G)	µg/L	ND	ND	ND	9 J, B	ND	ND	ND	3 J	7 J	ND	ND	3 J, B	ND	ND	2 J, B	
71-43-2	Benzene	1	µg/L	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	38	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-90-7	Chlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-00-3	Chloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	ND	2 J	2 J	ND	ND	ND	ND	2 J	2 J	1 J	1 J	2 J	2 J	
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND	ND	1 J	6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
540-59-0	1,2-Dichloroethene (total)	5	µg/L	6 J	2 J	ND	2 J	6 J	9 J	ND	3 J	ND	ND	ND	ND	ND	ND	ND	
100-41-4	Ethylbenzene	5	µg/L	ND	2 J	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-10-1	4-Methyl-2-pentanone	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	
75-09-2	Methylene chloride	5	µg/L	ND	ND	1	ND	ND	ND	ND	ND	ND	1 J, B	ND	0.8 J, B	ND	ND	0.8 J, B	
127-18-4	Tetrachloroethene	5	µg/L	ND	1 J	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-88-3	Toluene	5	µg/L	1 J	11	ND	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6 J	
79-01-6	Trichloroethene	5	µg/L	ND	ND	ND	ND	1 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-01-4	Vinyl Chloride	3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1330-20-7	Xylene (total)	5	µg/L	2 J	15	ND	9 J	3 J	ND	ND	ND	ND	ND	3 J	ND	1 J	ND	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	ND	ND	ND	2 J	1 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
208-96-8	Acenaphthylene	NS	µg/L	ND	ND	ND	3 J	1 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
120-12-7	Anthracene	50(G)	µg/L	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
50-32-8	Benzo[a]pyrene	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	ND	ND	ND	ND	ND	ND	ND	2 J	1 J, B	ND	4 J	ND	1 J	ND	ND	
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
132-64-9	Dibenzofuran	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
105-67-9	2,4-Dimethylphenol	1	µg/L	45	38	18	39	6 J	8 J	ND	ND	1 J	16	ND	6 J	2 J	7 J	7 J	
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
86-73-7	Fluorene	50 (G)	µg/L	ND	ND	ND	1 J	1 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	2	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
95-48-7	2-Methylphenol	1	µg/L	15	13	5 J	9 J	ND	2 J	ND	ND	ND	3 J	ND	1 J	ND	ND	ND	
106-44-5	4-Methylphenol	1	µg/L	29	37	15	15	ND	4 J	ND	ND	ND	5 J	ND	4 J	ND	3 J	3 J	
91-20-3	Naphthalene	10 (G)	µg/L	1 J	5 J	3 J	46	ND	ND	ND	ND	ND	3 J	ND	ND	ND	ND	ND	
99-09-2	3-Nitroaniline	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
100-02-7	4-Nitrophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	ND	1 J	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-95-2	Phenol	1	µg/L	3	10	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
95-95-4	2,4,5-Trichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	ND	0.0012 J, P	ND	ND	ND	ND	0.036 J, P	0.0013 J, P	ND	ND	0.046 J	ND	ND	ND	ND	
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	0.0015 J, P	ND	0.00081 J, P, B	ND	0.0062 J, P	ND	ND	ND	ND	0.0032 J, P	ND	ND	ND	
319-85-7	beta-BHC	0.04	µg/L	ND	ND	0.019 J	ND	ND	ND	ND	ND	0.0074 J, P	0.0047 J, P	ND	ND	ND	ND	ND	
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	0.0027 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	0.0074 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.066 P	
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND	0.0016 J, P	0.0017 J, P	0.0022 J, P	ND	ND	ND	ND	ND	ND	ND	ND	
5103-74-2	gamma-Chlordane	0.05	µg/L	0.0037 J, P	ND	0.0092 J, P	0.0014 J, P	0.0018 J, P	ND	0.0096 J, P	ND	ND	ND	ND	ND	ND	ND	ND	
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	0.007 J, P	ND	ND	ND	ND	ND	ND	ND	ND	
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	ND	ND	0.0024 J, P	ND	ND	0.00079 J, P	ND	0.0027 J	ND	ND	ND	ND	ND	
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	0.00079 J, P, B	ND	ND	0.0082 J, P	ND	ND	0.0018 J, P	ND	ND	ND	ND	
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	ND	ND	0.088 J, P	ND	0.018 J, P	0.014 J, P	ND	0.0045 J, P	ND	ND	ND	
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	ND	ND	0.0033 J, P, B	ND	ND	ND	0.018 J	0.0038 J, P	0.026 J	0.015 J	ND	0.012 J	
33213-65-9	Endosulfan II	NS	µg/L	ND	0.0065 J	0.0029 J, P	0.0021 J, P	0.0018 J, P	0.0011 J, P	ND	0.004 J, P	ND	ND	ND	ND	ND	ND	ND	
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	0.0018 J, P	ND	0.0046 J, P, B	0.0025 J, P, B	0.002 J, P	ND	0.0036 J, P	ND	ND	ND	ND	ND	ND	ND	
72-20-8	Endrin	ND	µg/L	ND	ND	0.011 J, P	ND	0.0029 J, P	ND	0.041 J, P	0.0041 J, P	0.022 J, P	ND	ND	ND	ND	ND	ND	
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	0.0065 J	0.0017 J, P	ND	ND	0.0065 J, P	ND	0.0087 J, P, B	ND	ND	0.0088 J, P, B	ND	ND	
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	0.00068 J	0.00041 J, P	ND	0.0037 J, P	ND	ND	0.0097 J, P	ND	ND	ND	ND	ND	
76-44-8	Heptachlor	0.04	µg/L	ND	ND	ND													

Appendix B-3b - Sump S-2 Historically Detected Compounds
CHEERY 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	S-2 480-83621-5 TA 480-83621 WATER 7/9/2015	S-2 480-101880-3 TA 480-101880 WATER 6/17/2016	
CAS NO.	COMPOUND		UNITS:															
VOLATILES																		
67-64-1	Acetone	50 (G)	µg/L	13 B	5 J, B	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	ND	ND	ND	
71-43-2	Benzene	1	µg/L	ND	ND	ND	ND	0.49 J	ND	ND	ND	0.44 J	ND	ND	0.80 J	ND	0.43 J	
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42 J	ND	ND	
108-90-7	Chlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND	
75-00-3	Chloroethane	5	µg/L	ND	ND	ND	ND	ND	ND	0.52 J	ND	ND	ND	ND	ND	ND	ND	
75-34-3	1,1-Dichloroethane	5	µg/L	1 J	2 J	ND	ND	2.2	2.6 DO3, J	0.69 J	0.40 J	1.0	1.1	1.1	1.1	1.2	1.4	
156-59-2	cis-1,2-Dichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
540-59-0	1,2-Dichloroethene (total)	5	µg/L	ND	ND	ND	ND	ND	ND	7.1	2.1	ND	ND	ND	ND	ND	1.1 J	
100-41-4	Ethylbenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-10-1	4-Methyl-2-pentanone	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-09-2	Methylene chloride	5	µg/L	0.9 J, B	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
127-18-4	Tetrachloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.44 J	ND	ND	ND	ND	ND	
108-88-3	Toluene	5	µg/L	ND	ND	ND	ND	0.68 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
79-01-6	Trichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	0.80 J	ND	ND	
75-01-4	Vinyl Chloride	3	µg/L	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	3.8	ND	ND	
1330-20-7	Xylene (total)	5	µg/L	ND	ND	ND	ND	1.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total VOCs				14.9	8	ND	ND	5.17	2.6	10.09	4.82	6.18	1.1	1.1	6.92	1.2	2.93	
SEMIVOLATILES																		
83-32-9	Acenaphthene	20 (G)	µg/L	ND	ND	0.3 J	ND	ND	0.59 J	0.71 J	1.1 J	0.73 J	ND	ND	0.49 J	ND	ND	
208-96-8	Acenaphthylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
120-12-7	Anthracene	50(G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.29 J	ND	ND	ND	ND	ND	ND	
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
50-32-8	Benzo[a]pyrene	ND	µg/L	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65 J	ND	ND	
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	10 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5 J	ND	ND	
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	2.2 J	0.91 J	ND	ND	ND	ND	ND	
218-01-9	Chrysene	0.002 (G)	µg/L	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	1 J	0.4 J, B	ND	ND	ND	0.82 J, B	2.3 J	1.3 J	3.3 J	2.3 J, B	0.29 J	ND	ND	
117-84-0	Di-n-octyl-phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	
132-64-9	Dibenzofuran	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND	
84-66-2	Diethyl phthalate	50 (G)	µg/L	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
105-67-9	2,4-Dimethylphenol	1	µg/L	4 J	7 J	ND	6	15	ND	ND	3.7 J	21	5.8	ND	5.5	3.0 J	1.5 J	
131-11-3	Dimethyl phthalate	50 (G)	µg/L	3.8 J	ND	ND	ND	ND	ND	ND	48	7.2	36	2.1 J	ND	ND	ND	
206-44-0	Fluoranthene	50 (G)	µg/L	4 J	ND	0.3 J	ND	ND	ND	ND	ND	0.39 J	ND	ND	ND	ND	ND	
86-73-7	Fluorene	50 (G)	µg/L	ND	ND	0.2 J	ND	ND	ND	ND	0.42 J	0.58 J	ND	ND	0.40 J	ND	ND	
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	1.6 J	ND	ND	ND	ND	ND	ND	
95-48-7	2-Methylphenol	1	µg/L	ND	1 J	ND	0.8 J	4.6 J	ND	ND	ND	0.86 J	ND	ND	1.3 J	0.64 J	ND	
106-44-5	4-Methylphenol	1	µg/L	ND	3 J	ND	1 J	10 ID7	ND	ND	ND	5.5 J	ND	ND	2.2 J	1.0 J	ND	
91-20-3	Naphthalene	10 (G)	µg/L	ND	1 J	ND	ND	2.2 J	ND	ND	1.7 J	ND	ND	ND	1.1 J	ND	ND	
99-09-2	3-Nitroaniline	5	µg/L	ND	3-ND	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	ND	ND	
100-02-7	4-Nitrophenol	1	µg/L	ND	4-ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	0.3 J	ND	ND	0.69 J	ND	0.65 J	0.49 J	0.45 J	0.61 J	0.43 J	0.49 J	0.49 J	
108-95-2	Phenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51 J	ND	ND	
129-00-0	Pyrene	50 (G)	µg/L	6 J	ND	0.2 J	ND	ND	ND	ND	0.48 J	ND	ND	ND	ND	ND	ND	
95-95-4	2,4,5-Trichlorophenol	1	µg/L	ND	ND	ND	ND	ND	0.89 J	ND	ND	ND	ND	ND	0.45 J	ND	ND	
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	5.70	1.99	
PESTICIDES																		
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	0.013 QSU, J	ND	ND	ND	ND	ND	0.011 J, B	ND	ND	
319-85-7	beta-BHC	0.04	µg/L	ND	0.0026 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
319-86-8	delta-BHC	0.04	µg/L	ND	0.018 J, P, B	ND	0.032 J, B	ND	ND	ND	ND	0.014 J	ND	ND	ND	ND	ND	
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.003 J, P	0.00066 J, P	ND	0.033 J	ND	0.011 QSU, J	ND	ND	0.015 J	ND	ND	ND	ND	ND	
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
5103-74-2	gamma-Chlordane	0.05	µg/L	0.038 J, P	ND	ND	ND	ND	ND	ND	ND	0.013 J	0.016 J	ND	ND	ND	ND	
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.12 B	ND	ND	ND	ND	ND	
72-55-9	4,4'-DDE	0.2	µg/L	0.074 J	ND	ND	ND	0.024 J	ND	ND	ND	0.021 J	ND	ND	ND	ND	ND	
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	0.036 J	ND	ND	ND	ND	0.023 J	ND	ND	ND	ND	ND	
60-57-1	Dieldrin	0.004	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
959-98-8	Endosulfan I	NS	µg/L	0.039 J, P	0.015 J	0.0050 J	0.063	ND	ND	ND	ND	0.11	ND	ND	ND	ND	0.017 J	
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1031-07-8	Endosulfan sulfate	NS	µg/L	0.022 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
72-20-8	Endrin	ND	µg/L	0.027 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
7421-93-4	Endrin aldehyde	5	µg/L	ND	0.0015 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
76-44-8	Heptachlor	0.04	µg/L	ND	ND	0.023 J	0.032 J	ND	0.011 QSU, J	ND	ND	0.022 J	0.039 J	ND	ND	ND	ND	
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0089 J	ND	ND	ND	ND	ND	
72-43-5	Methoxychlor	35	µg/L	1.3 P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Pesticides				1.5030	0.0378	0.0280	0.196	0.024	0.035	ND	ND	ND	0.3469	0.0550	0.0110	ND	0.017	
PCBs																		
53469-21-9	Aroclor-1242	Sum of all PCBs	µg/L	ND	ND	0.33 J	0.41 J	ND	ND	ND	0.46 J	0.46 J	ND	ND	ND	ND	ND	
12672-																		

Appendix B-3c - Sump S-3 Historically Detected Compounds
CHEERY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Sump Samples		NYSDEC Class GA Groundwater Standards/Guidance Values	Sample ID: Lab Sample Source: SDG: Matrix: Sampled:	S-3 G5120 OBG 5116 Water 11/20/1997	S-3 H0920 OBG 6847 Water 2/18/1998	S-3 H7393 OBG 7810 Water 5/27/1998	S-3 J8339 OBG 9571 Water 10/21/1998	S-3 M0189 OBG 1489 Water 4/19/1999	S-3 N4873 OBG 3856 Water 11/8/1999	S-3 Q3848 OBG 5490 Water 4/26/2000	S-3 R7148 OBG 7645 Water 12/13/2000	S-3 S7282 OBG 9259 Water 6/19/2001	S-3 T6807 OBG 724 Water 12/11/2001	S-3 V4307 OB 2494 Water 6/17/2002	S-3 Z9835 OB 4203 Water 12/19/2002	S-3 A7428 OB 5716 Water 6/24/2003	S-3 B4290 OB 6968 Water 12/16/2003
CAS NO.	COMPOUND		UNITS:														
VOLATILES																	
67-64-1	Acetone	50 (G)	µg/L	ND	7 J	ND	6 J	5 J	ND	ND	7 J	4 J	ND	ND	4 J, B	ND	ND
71-43-2	Benzene	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	8 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND
108-90-7	Chlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	5	µg/L	2 J	2 J	2 J	ND	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	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
540-59-0	1,2-Dichloroethene (total)	5	µg/L	2 J	2 J	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	µg/L	ND	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-10-1	4-Methyl-2-pentanone	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND
75-09-2	Methylene chloride	5	µg/L	ND	ND	ND	2 J	1 J, B	ND	ND	ND	ND	2 J, B	1 J	1 J, B	0.5 J	ND
127-18-4	Tetrachloroethene	5	µg/L	1 J	2 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	5	µg/L	1 J	17	4 J	ND	1 J	ND	ND	ND	1 J	0.7 J	ND	ND	0.7 J	ND
79-01-6	Trichloroethene	5	µg/L	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	3 J	25	9 J	ND	4 J	3 J	4 J	2 J	4 J	2 J	3 J	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
83-32-9	Acenaphthene	20 (G)	µg/L	ND	ND	ND	ND	3 J	2 J	ND	ND	1 J	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	NS	µg/L	ND	ND	ND	ND	4 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	Benzo[a]anthracene	20 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	94 J, D	1 J
50-32-8	Benzo[a]pyrene	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	79 J, D	ND
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110 J, D	2 J
191-24-2	Benzo[g,h,i]perylene	NS	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	Benzo[k]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93 J, D	ND
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	ND	ND	7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	140 J, D	2 J
86-74-8	Carbazole	NS	µg/L	ND	ND	ND	ND	2 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND
59-50-7	4-Chloro-3-methylphenol	1	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
218-01-9	Chrysene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	92 J, D	ND
106-46-7	1,4-Dichlorobenzene	3	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	µg/L	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	1	µg/L	43	54	43	ND	28	13	12	4 J	14	10	19	ND	ND	6 J
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	210 J, D	2 J
86-73-7	Fluorene	50 (G)	µg/L	ND	ND	ND	ND	2 J	2 J	ND	1 J	ND	ND	ND	ND	ND	ND
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	µg/L	1 J	2 J	2 J	ND	4 J	2 J	ND	ND	ND	1 J	ND	ND	ND	ND
95-48-7	2-Methylphenol	1	µg/L	16	19	15	ND	10 J	8 J	6 J	2 J	10	ND	14	ND	ND	1 J
106-44-5	4-Methylphenol	1	µg/L	49	58	44	ND	25	20	15	ND	22	3 J	33	ND	ND	4 J
91-20-3	Naphthalene	10 (G)	µg/L	3 J	6 J	5 J	ND	40	13	6 J	ND	5 J	4 J	7 J	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	µg/L	ND	ND	1 J	ND	2 J	2 J	ND	ND	1 J	1 J	ND	ND	ND	ND
108-95-2	Phenol	1	µg/L	6 J	18	5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	0.0029 J, P	0.002 J, P	ND	ND	0.036 J, P	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-85-7	beta-BHC	0.04	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0053 J, P	ND	ND	0.024 J, P
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017 J, P
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39 P	ND
5103-74-2	gamma-Chlordane	0.05	µg/L	ND	ND	0.019 J, P	0.003 J, P	0.00072 B, J, P	0.0032 J, P	ND	ND	0.012 J, P	ND	0.13 P	ND	ND	ND
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	0.00049 J, P	ND	0.0013 J, P	0.0032 J, P	ND	ND	ND	ND	8 P	ND
72-55-9	4,4'-DDE	0.2	µg/L	ND	ND	0.0047 J, P	0.0024 J, P	ND	ND	ND	ND	ND	ND	0.18 P	ND	2.8 P	0.092 J, P
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	ND	ND	0.00077 J, P	ND	ND	0.0052 J, P	ND	0.0058 J	0.0097 J, P	ND	ND	ND
60-57-1	Dieldrin	0.004	µg/L	ND	ND	0.0044 J, P	ND	0.00047 J, P	ND	ND	ND	ND	0.018 J	ND	0.21	2.4 P	ND
959-98-8	Endosulfan I	NS	µg/L	ND	ND	0.0032 J, P	ND	ND	ND	ND	0.0078 J, P	ND	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	ND	0.0059 J	ND	0.005 J, P	0.00084 J, P	0.0023 J	ND	ND	0.008 J, P	ND	ND	ND	1.6 P	ND
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	0.0017 J, P	0.0068 J, P	0.0069 B, J, P	0.0014 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	ND	µg/L	ND	ND	0.36 P	ND	ND	ND	ND	0.0087 J	ND	0.012 J, P	ND	ND	ND	ND
7421-93-4	Endrin aldehyde	5	µg/L	ND	ND	ND	0.0075 J	0.0016 J	ND	ND	0.0061 J	ND	0.011 B, J, P	ND	0.07 J, P	0.72 P, B	ND
53494-70-5	Endrin ketone	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003 J, P	ND	ND	ND	0.1 P
76-44-8	Heptachlor	0.04	µg/L	ND	0.0082 J, P	ND	ND	ND	ND	ND	ND	ND	0.0017 J, P	0.0046 J	ND	0.85 P	0.041 P, J
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	0.00073 J	0.0026 J, P	ND	ND	ND	ND	0.002 J, P	ND	ND	0.2 P, J	ND
72-43-5	Methoxychlor	35	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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																	
12674-11-2	Aroclor-1016		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11141-16-5	Aroclor-1232		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53469-21-9	Aroclor-1242	Sum of all PCBs < 0.09	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12672-29-6	Aroclor-1248		µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	130 P	5.2 P
11096-82-5	Aroclor-1260		µg/L	ND	ND	0.82 J, P	ND	0.52 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

Appendix B-3c - Sump S-3 Historically Detected Compounds
CHEERY 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	S-3 480-83621-6 TA 480-83621 WATER 7/9/2015	S-3 480-101880-4 TA 480-101880 WATER 6/17/2016	
CAS NO.	COMPOUND	UNITS:																
VOLATILES																		
67-64-1	Acetone	50 (G) µg/L	3 J, B	5 J, B	2 J, B	ND	ND	2.1 J	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	
71-43-2	Benzene	1 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.50 J	ND	ND	ND	ND	ND	
75-15-0	Carbon disulfide	60 (G) µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-90-7	Chlorobenzene	5 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-34-3	1,1-Dichloroethane	5 µg/L	2 J	2 J	2 J	ND	ND	1.5	ND	2.0	1.8	2.2	1.8	0.50 J	1.9	0.86 J	1.7	
156-59-2	cis-1,2-Dichloroethene	5 µg/L	ND	0.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
540-59-0	1,2-Dichloroethene (total)	5 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4 J	
100-41-4	Ethylbenzene	5 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
108-10-1	4-Methyl-2-pentanone	NS µg/L	2 J	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
75-09-2	Methylene chloride	5 µg/L	0.7 J, B	0.8 J, B	1 J, B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
127-18-4	Tetrachloroethene	5 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49 J	ND	ND	0.39 J	ND	0.48 J	
108-88-3	Toluene	5 µg/L	0.8 J	1 J	ND	ND	ND	ND	ND	0.67 J	0.68 J	0.94 J	ND	ND	0.69 J	ND	ND	
79-01-6	Trichloroethene	5 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1330-20-7	Xylene (total)	5 µg/L	1 J	2 J	ND	ND	ND	1.0 J	ND	0.95 J	1.7 J	2.5	ND	ND	1.7 J	ND	ND	
Total VOCs			9.5	11.3	6	ND	ND	4.6	ND	3.62	4.18	6.63	1.8	3.80	4.68	0.86	3.58	
SEMI-VOLATILES																		
95-95-4	2,4,5-Trichlorophenol	NS µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.52 J	ND	ND	ND	ND	
83-32-9	Acenaphthene	20 (G) µg/L	1 J	ND	ND	0.5 J	0.6 J	ND	0.69 J	0.51 J	0.65 J	0.74 J	ND	0.44 J	0.66 J	ND	1.1 J	
208-96-8	Acenaphthylene	NS µg/L	ND	ND	ND	0.2 J	0.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
56-55-3	Benzo[a]anthracene	20 (G) µg/L	5 J	1.3 J	ND	0.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
50-32-8	Benzo[a]pyrene	ND µg/L	4 J	1.9 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
205-99-2	Benzo[b]fluoranthene	0.002 (G) µg/L	6 J	3.7 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65 J	ND	ND	
191-24-2	Benzo[g,h,i]perylene	NS µg/L	3 J	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
207-08-9	Benzo[k]fluoranthene	0.002 (G) µg/L	4 J	1.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
117-81-7	bis(2-Ethylhexyl)phthalate	5 µg/L	15 J	18	6 J	ND	ND	ND	ND	bis(2,6 J,B	ND	ND	ND	ND	3.4 J	ND	ND	
86-74-8	Carbazole	NS µg/L	ND	ND	ND	0.5 J	ND	0.54 J	0.42 J	0.48 J	0.49 J	0.49 J	ND	ND	0.39 J	ND	1.4 J	
59-50-7	4-Chloro-3-methylphenol	1 µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1 J	
218-01-9	Chrysene	0.002 (G) µg/L	4 J	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
106-46-7	1,4-Dichlorobenzene	3 µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68 J	
84-74-2	Di-n-butyl phthalate	50 (G) µg/L	ND	ND	1 J	0.3 J B	0.7 J B	ND	ND	0.92 J,B	ND	0.39 J	0.49 J	0.56 J B	0.31 J	0.49 J	ND	
117-84-0	Di-n-octyl phthalate	50 (G) µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	
132-64-9	Dibenzofuran	NS µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
84-66-2	Diethyl phthalate	50 (G) µg/L	ND	ND	ND	ND	0.8 J B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	11	18	
131-11-3	Dimethyl phthalate	50 (G) µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	3.9 J	
206-44-0	Fluoranthene	50 (G) µg/L	7 J	1.5 J	ND	0.3 J	0.4 J B	ND	ND	0.44 J	ND	ND	ND	ND	ND	ND	ND	
86-73-7	Fluorene	50 (G) µg/L	ND	ND	ND	0.4 J	0.6 J	ND	ND	0.59 J *	0.37 J	0.65 J	ND	ND	0.56 J	ND	0.71 J	
193-39-5	Indeno[1,2,3-cd]pyrene	0.002 (G) µg/L	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
91-57-6	2-Methylnaphthalene	NS µg/L	ND	1 J	ND	0.3 J	0.6 J B	ND	ND	ND	0.70 J	0.67 J	ND	ND	ND	ND	0.66 J	
95-48-7	2-Methylphenol	1 µg/L	ND	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	2.7	4.2 J	
106-44-5	4-Methylphenol	1 µg/L	ND	19	21	1 J	6	7.4 J ID7	22	15	19	6.7 J	16	16	25	3.3 J	ND	
91-20-3	Naphthalene	10 (G) µg/L	ND	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	1.7 J	ND	
85-01-8	Phenanthrene	50 (G) µg/L	ND	ND	ND	0.8 J	0.9 J B	ND	0.93 J	0.86 J	0.92 J	0.60 J	0.55 J	0.82 J	0.51 J	0.59 J	0.59 J	
108-95-2	Phenol	1 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
129-00-0	Pyrene	50 (G) µg/L	17	8.6 J	ND	ND	0.2 J	ND	ND	0.40 J	ND	ND	ND	ND	ND	ND	ND	
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	21.20	34.34	
PESTICIDES																		
309-00-2	Aldrin	ND µg/L	ND	ND	0.0039 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
319-84-6	alpha-BHC	0.01 µg/L	ND	0.0015 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.022 J B	ND	ND	
319-85-7	beta-BHC	0.04 µg/L	ND	0.026 J, P	0.0093 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
58-89-9	gamma-BHC (Lindane)	0.05 µg/L	0.041 J, P	0.021 J, P	0.018 J, P	ND	0.038 J	0.026 J	0.013 QSU, J	ND	ND	ND	0.014 J	0.012 J	ND	ND	ND	
5103-71-9	alpha-Chlordane	0.05 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
5103-74-2	gamma-Chlordane	0.05 µg/L	ND	0.0022 J, P	ND	ND	ND	ND	0.013 QSU, J	ND	ND	ND	0.012 J	ND	ND	ND	ND	
72-54-8	4,4'-DDD	0.3 µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
72-55-9	4,4'-DDE	0.2 µg/L	0.1	0.26	0.12 P	ND	ND	ND	ND	ND	ND	ND	0.020 J	ND	ND	ND	ND	
50-29-3	4,4'-DDT	0.2 µg/L	ND	ND	ND	0.041 J	0.028 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
60-57-1	Dieldrin	0.004 µg/L	0.092 B, J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
959-98-8	Endosulfan I	NS µg/L	0.033 J, P	0.062 P	0.035 J, P	ND	0.051	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
33213-65-9	Endosulfan II	NS µg/L	0.0067 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1031-07-8	Endosulfan sulfate	NS µg/L	ND	0.021 J, P	0.0057 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
72-20-8	Endrin	ND µg/L	0.066 J, P	0.095 J, P	0.066 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
7421-93-4	Endrin aldehyde	5 µg/L	0.11 P	0.087 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
53494-70-5	Endrin ketone	5 µg/L	ND	0.009 J, P	0.0072 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
76-44-8	Heptachlor	0.04 µg/L	0.07 P	0.092 P	ND	0.023 J	0.080	0.016 J	ND	ND	ND	ND	0.0091 J	0.018 J	ND	ND	ND	
1024-57-3	Heptachlor epoxide	0.03 µg/L	ND	0.29 P	ND	ND	0.027 J B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
72-43-5	Methoxychlor	35 µg/L	ND	0.038	0.068	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.2	
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	ND	5.2	
PCBs																		
12674-11-2	Aroclor-1016	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND	ND	
11141-16-5	Aroclor-1232	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.74	ND	4.2	
53469-21-9	Aroclor-1242	µg/L	ND	ND	ND	0.39 J	0.44 J	ND	0.20 QSU, J	ND	0.30 J	0.93						

Appendix B-3d - Sump S-4 Historically Detected Compounds
CHEERY 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 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	S-4 480-83621-7 TA 480-83621 WATER 7/9/2015	S-4 480-101880-5 TA 480-101880 WATER 6/17/2016	
CAS NO.	COMPOUND		UNITS:															
VOLATILES																		
67-64-1	Acetone	50 (G)	µg/L	3	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1 J	ND
71-43-2	Benzene	1	µg/L	0.8 J	0.9 J	ND	ND	0.87 J	0.68 J	0.49 J	0.71 J	0.96 J	0.76 J	0.86 J	0.97 J	ND	ND	1.4
75-15-0	Carbon disulfide	60 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	5	µg/L	1 J	1 J	ND	ND	1.3	1.2	1.7	1.4	1.8	1.5	1.4	1.2	ND	ND	1.2
156-59-2	cis-1,2-Dichloroethene	5	µg/L	2 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
540-59-0	1,2-Dichloroethene (total)	5	µg/L	ND	ND	ND	ND	1.9 J	1.4 J	0.96 J	1.4 J	1.7 J	1.5 J	1.7 J	1.8 J	ND	ND	3.3
100-41-4	Ethylbenzene	5	µg/L	0.9	ND	ND	ND	1.5	1.2	0.93 J	1.1	1.2	1.2	1.4	0.96 J	ND	ND	1.6
108-10-1	4-Methyl-2-pentanone	NS	µg/L	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene chloride	5	µg/L	0.9	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	5	µg/L	0.6 J	0.5 J	ND	ND	0.72 J	0.71 J	0.63 J	0.81 J	0.98 J	0.90 J	1.0	0.91 J	ND	0.36 J	1.1
108-88-3	Toluene	5	µg/L	1 J	2 J	ND	ND	1.4	1.2	1.0	1.3	1.1	1.2	1.5	0.97 J	ND	ND	1.1
79-01-6	Trichloroethene	5	µg/L	ND	0.8 J	ND	ND	0.70 J	0.55 J	0.49 J	0.63 J	0.73 J	0.87 J	0.81 J	0.63 J	0.47 J	0.77 J	1.1
75-01-4	Vinyl chloride	3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Xylene (total)	5	µg/L	5 J	12	ND	ND	9.7	6.9	5.5	6.5	6.7	7.0	8.9	5.9	1.2 J	10	1.1
Total VOCs				15.2	24.2	ND	ND	18.09	13.84	11.7	13.85	15.17	14.93	17.57	13.34	4.77	19.73	
SEMI-VOLATILES																		
83-32-9	Acenaphthene	20 (G)	µg/L	ND	ND	ND	0.2 J	ND	0.93 J	1.1 J	1.2 J	1.5 J	0.94 J	1.3 J	2.1 J	0.42 J	0.47 J	1.1
208-96-8	Acenaphthylene	NS	µg/L	1 J	ND	ND	0.2 J	ND	0.46 J	0.62 J	0.68 J	0.70 J	0.43 J	0.81 J	1.6 J	ND	ND	1.1
120-12-7	Anthracene	50(G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.93 J	ND	ND	ND	ND	ND	1.1
50-32-8	Benzo[a]pyrene	ND	µg/L	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
205-99-2	Benzo[b]fluoranthene	0.002 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65 J	ND	ND	1.1
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	1 J	2 J	ND	ND	ND	2.5 J,B	ND	ND	ND	ND	ND	3.4 J	ND	ND	1.1
85-68-7	Butyl benzyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.70 J B	ND	ND	ND	1.1
86-74-8	Carbazole	NS	µg/L	1 J	1 J	ND	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	0.30 J	0.34 J	1.1
59-50-7	4-Chloro-3-methylphenol	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0 J	ND	1.1
84-74-2	Di-n-butyl phthalate	50	µg/L	ND	ND	0.3 B, J	0.5 J B	ND	0.35 J	0.80 J,B	ND	ND	0.51 J	ND	0.44 J	0.71 J	ND	1.1
117-84-0	Di-n-octyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	1.1
132-64-9	Dibenzofuran	NS	µg/L	1 J	ND	ND	ND	ND	0.57 J	0.58 J	0.75 J	0.53 J	ND	1.5 J	ND	ND	ND	1.1
95-50-1	1,2-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	0.48 J, B	ND	ND	ND	ND	0.85 J	ND	ND	ND	ND	1.1
541-73-1	1,3-Dichlorobenzene	3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51 J	0.79 J	ND	ND	ND	1.1
106-46-7	1,4-Dichlorobenzene	3	µg/L	ND	1 J	ND	ND	ND	ND	0.47 J	ND	ND	1.9 J	0.93 J	ND	ND	ND	1.1
84-66-2	Diethyl phthalate	50 (G)	µg/L	ND	ND	ND	0.6 J B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
131-11-3	Dimethyl phthalate	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	0.77 J	ND	ND	1.9 J	ND	1.9 J	3.1 J	ND	1.1
105-67-9	2,4-Dimethylphenol	1	µg/L	39	46	ND	6	21	5.5	4.8 J	21	18	28	41	20	4.9	32	1.1
206-44-0	Fluoranthene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.73 J	ND	ND	ND	ND	ND	1.1
86-73-7	Fluorene	50 (G)	µg/L	2 J	ND	ND	0.3 J	ND	ND	1.0 J *	0.77 J	1.3 J	0.78 J	1.1 J	2.0 J	0.43 J	0.42 J	1.1
91-57-6	2-Methylnaphthalene	NS	µg/L	ND	3 J	ND	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	ND	ND	1.1
95-48-7	2-Methylphenol	1	µg/L	13	14	ND	1 J	7.4	4.3 J	5.9	12	13	9.4	11	6.5	0.63 J	12	1.1
106-44-5	4-Methylphenol	1	µg/L	22	22	ND	1 J	11 ID7	7.8 J	11	22	24	19	18	9.5	ND	27	1.1
91-20-3	Naphthalene	10 (G)	µg/L	ND	15	ND	1 J B	4.3 J	1.8 J	8.0	11	9.9	12	18	8.7	ND	3.6 J	1.1
85-01-8	Phenanthrene	50 (G)	µg/L	1 J	ND	ND	0.3 J B	ND	0.57 J	0.74 J	ND	0.95 J	0.74 J	0.94 J	1.7 J	ND	0.71 J	1.1
108-95-2	Phenol	1	µg/L	2 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
129-00-0	Pyrene	50 (G)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	1.1
120-82-1	1,2,4-Trichlorobenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	0.52 J	ND	0.54 J	0.90 J	ND	ND	ND	1.1
95-95-4	2,4,5-Trichlorophenol	1	µg/L	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	0.52 J	ND	ND	ND	ND	1.1
Total SVOCs				83	107	0.3	3.6	51.4	24.59	40.63	76.05	76.29	82.21	101.17	67.49	11.49	76.54	
PESTICIDES																		
309-00-2	Aldrin	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019 J	ND	ND	ND	ND
319-84-6	alpha-BHC	0.01	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012 J B	0.014 J	ND	ND
319-85-7	beta-BHC	0.04	µg/L	0.0047 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	0.04	µg/L	ND	ND	ND	0.039 B, J	ND	ND	ND	ND	ND	0.076	0.070	0.064	ND	0.014 J	1.1
58-89-9	gamma-BHC (Lindane)	0.05	µg/L	0.0086 J, P	0.018 J, P	0.030 J	0.042 J	0.041 J	0.028 QSU, J	ND	ND	ND	0.025 J	0.019 J	0.053	0.016 J	0.019 J	1.1
5103-71-9	alpha-Chlordane	0.05	µg/L	ND	ND	0.011 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
5103-74-2	gamma-Chlordane	0.05	µg/L	0.02 J, P	ND	ND	0.034 J	0.012 J	0.012 QSU, J	ND	ND	ND	0.013 J	ND	ND	ND	ND	1.1
72-54-8	4,4'-DDD	0.3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
72-55-9	4,4'-DDE	0.2	µg/L	0.019 J	ND	0.039 J	0.048 J	0.021 J	0.018 QSU, J	ND	ND	ND	0.023 J	ND	ND	ND	ND	1.1
50-29-3	4,4'-DDT	0.2	µg/L	ND	ND	0.046 J	0.040 J	ND	ND	ND	ND	ND	0.022 J	ND	ND	ND	ND	1.1
60-57-1	Dieldrin	0.004	µg/L	ND	0.0027 J	ND	ND	ND	ND	ND	ND	ND	0.011 J	ND	ND	ND	ND	1.1
959-98-8	Endosulfan I	NS	µg/L	ND	ND	ND	0.064	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
33213-65-9	Endosulfan II	NS	µg/L	ND	ND	0.019 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
1031-07-8	Endosulfan sulfate	NS	µg/L	ND	0.0063 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
72-20-8	Endrin	ND	µg/L	ND	ND	ND	0.029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
7421-93-4	Endrin aldehyde	5	µg/L	ND	0.0068 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
53494-70-5	Endrin ketone	5	µg/L	ND	0.0023 J, P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
76-44-8	Heptachlor	0.04	µg/L	ND	ND	0.019 J	0.031 J	ND	0.011 QSU, J	0.024 J	ND	0.022 J	0.018 J	0.010 J	0.010 J	ND	ND	1.1
1024-57-3	Heptachlor epoxide	0.03	µg/L	ND	ND	ND	ND											

APPENDIX B-4
Historically Detected Compounds
(Surface Water, 1997-2007)

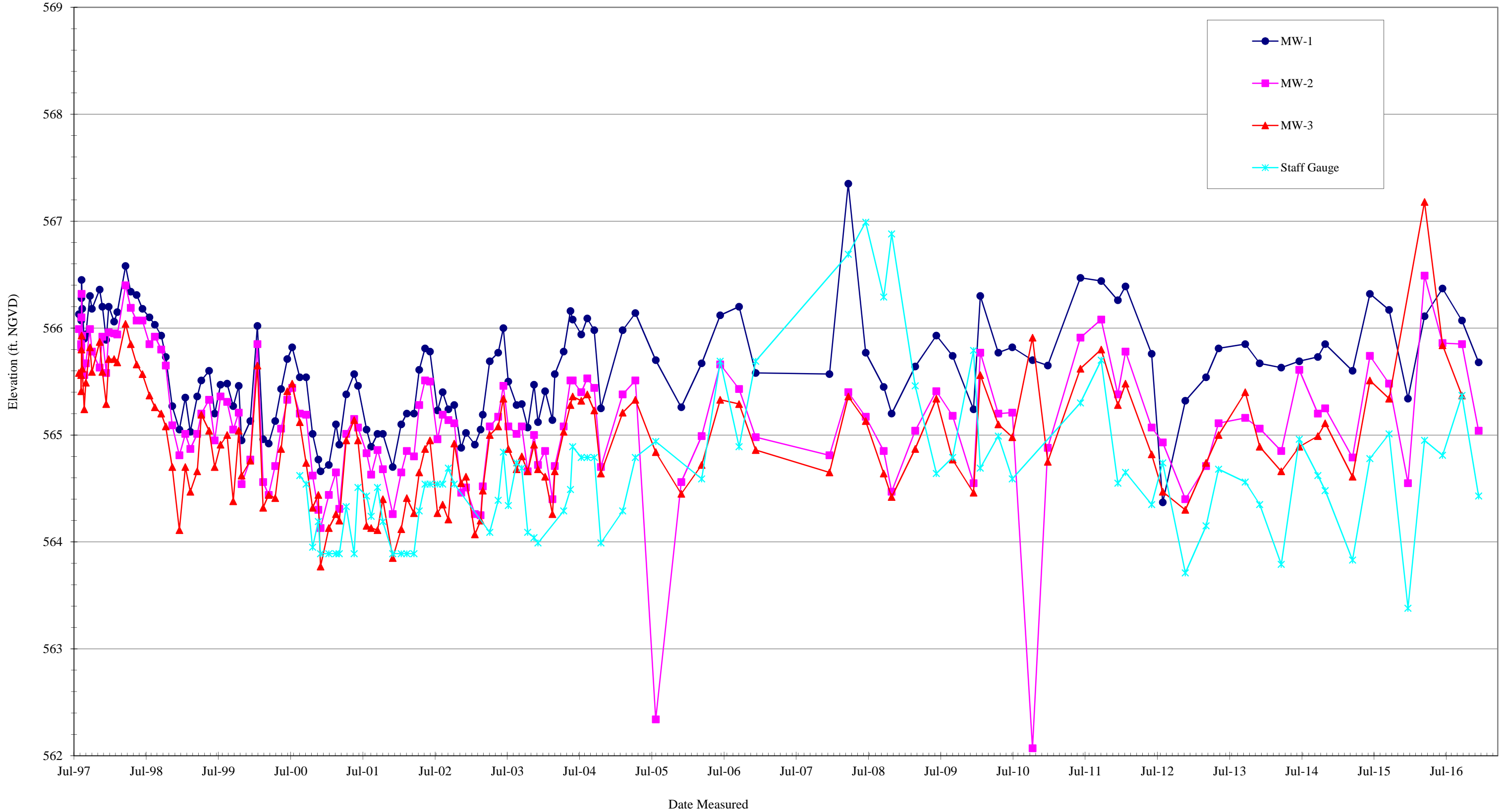
Appendix B-4 - Surface Water Collection SW-1 Historically Detected Compounds
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

Cherry Farm Surface Water Historically Detected Compounds		NYSDEC Class A Surface Water Standards/ Guideline Values	Sample ID: Lab Sample	SW-1 G5192	SW-1 H0921	SW-1 H7401	SW-1 M0192	SW-1 A9751102	SW-1 R7147	SW-1 T7110	SW-1 Z7446	SW-1 B4289	SW-1 E1194	SW-1 0603095-001A	SW-1 A7E985015	
			Source: OBG SDG: Matrix: Sampled:	OBG 5116 Water 11/21/1997	OBG 6847 Water 2/18/1998	OBG 7810 Water 5/28/1998	OBG 1489 Water 4/20/1999	OBG 11090 Water 11/9/1999	OBG 7645 Water 12/13/2000	OBG 764 Water 12/13/2001	OB 4203 Water 12/17/2002	OB 6968 Water 12/16/2003	OB 6968 Water 6/9/2004	L.SL-BL 6030950 Water 3/21/2006	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	U	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	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	1.5 B	U	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	

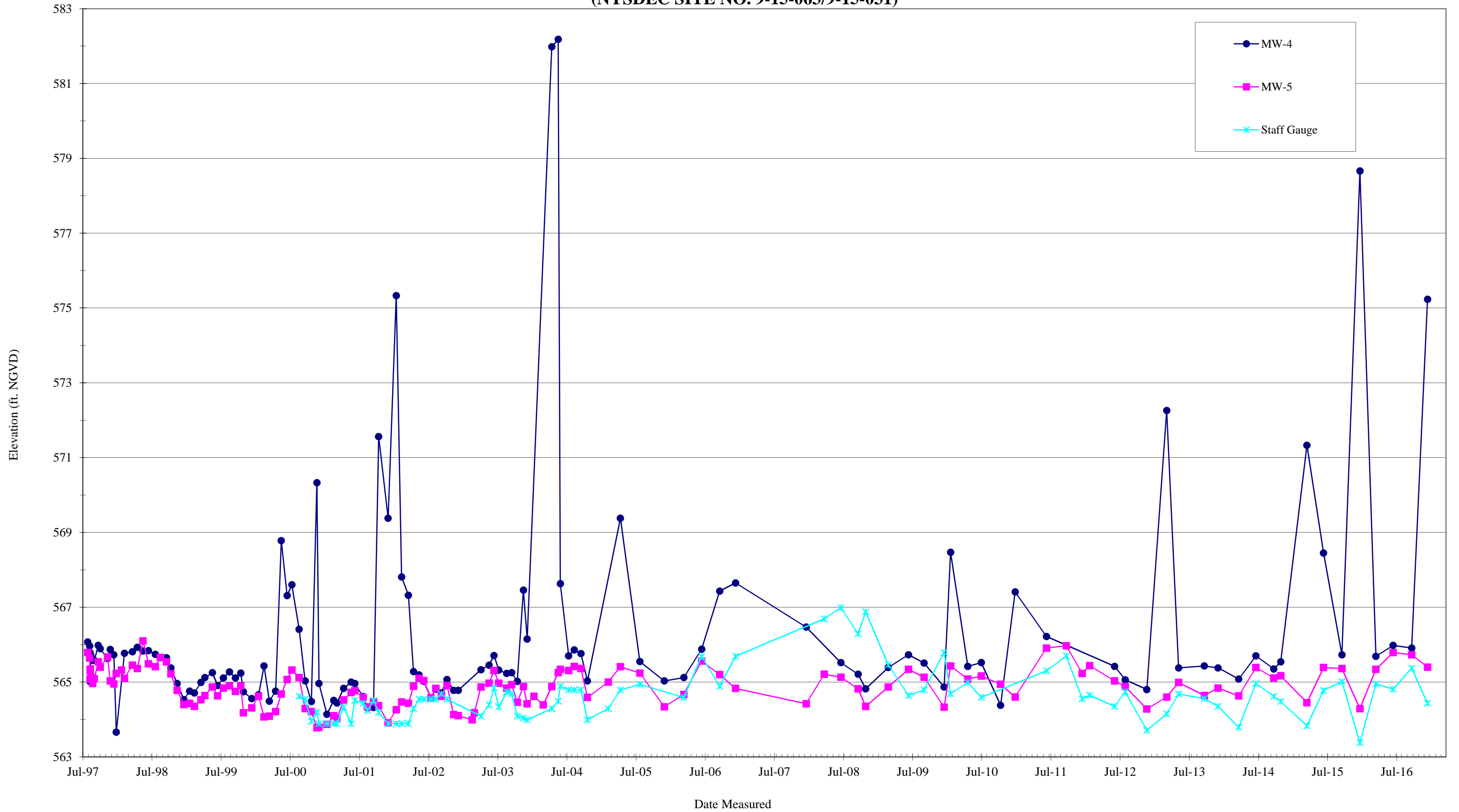
Notes:
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class G/
Bold and shaded values exceeded the NYSDEC Class GA groundwater standard/guidance value.
NS = No Standard
(G) = Guidance Value
U = Indicates compound was analyzed for, but not detected at or above the 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 Wells, 1997-2016)

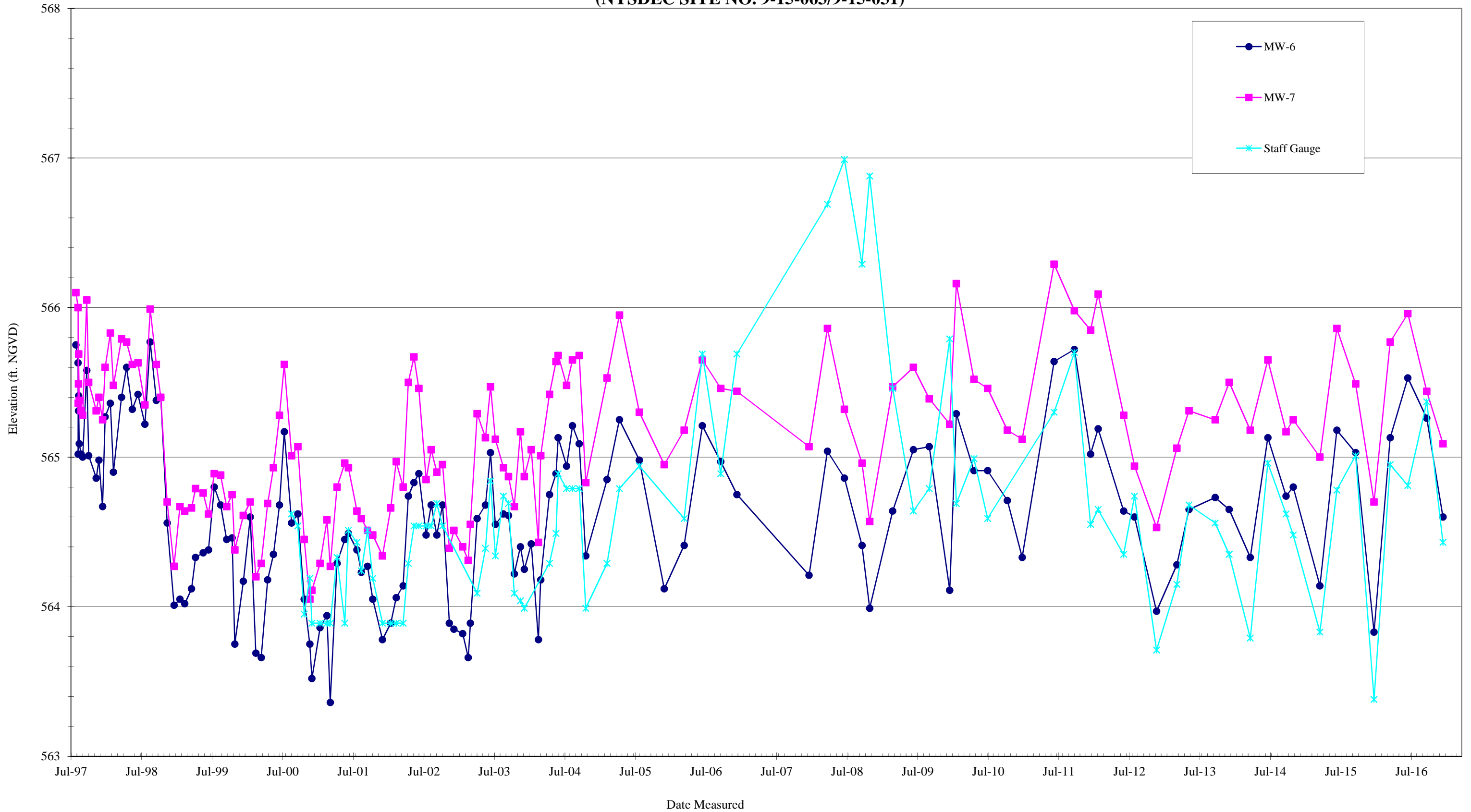
Appendix B-5 - Historical Hydrograph MW-1, MW-2, MW-3, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



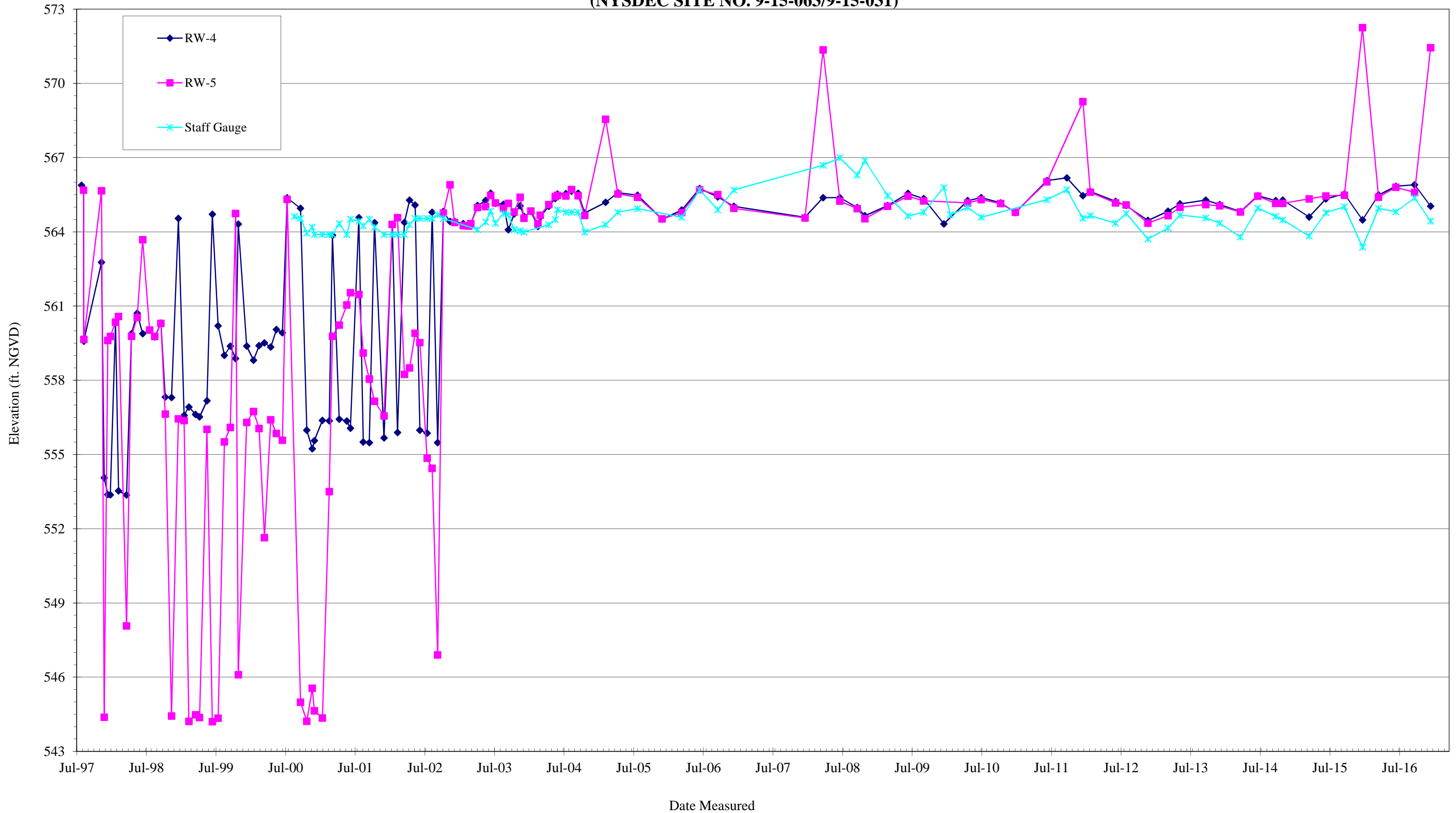
Appendix B-5 - Historical Hydrograph MW-4, MW-5, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



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)

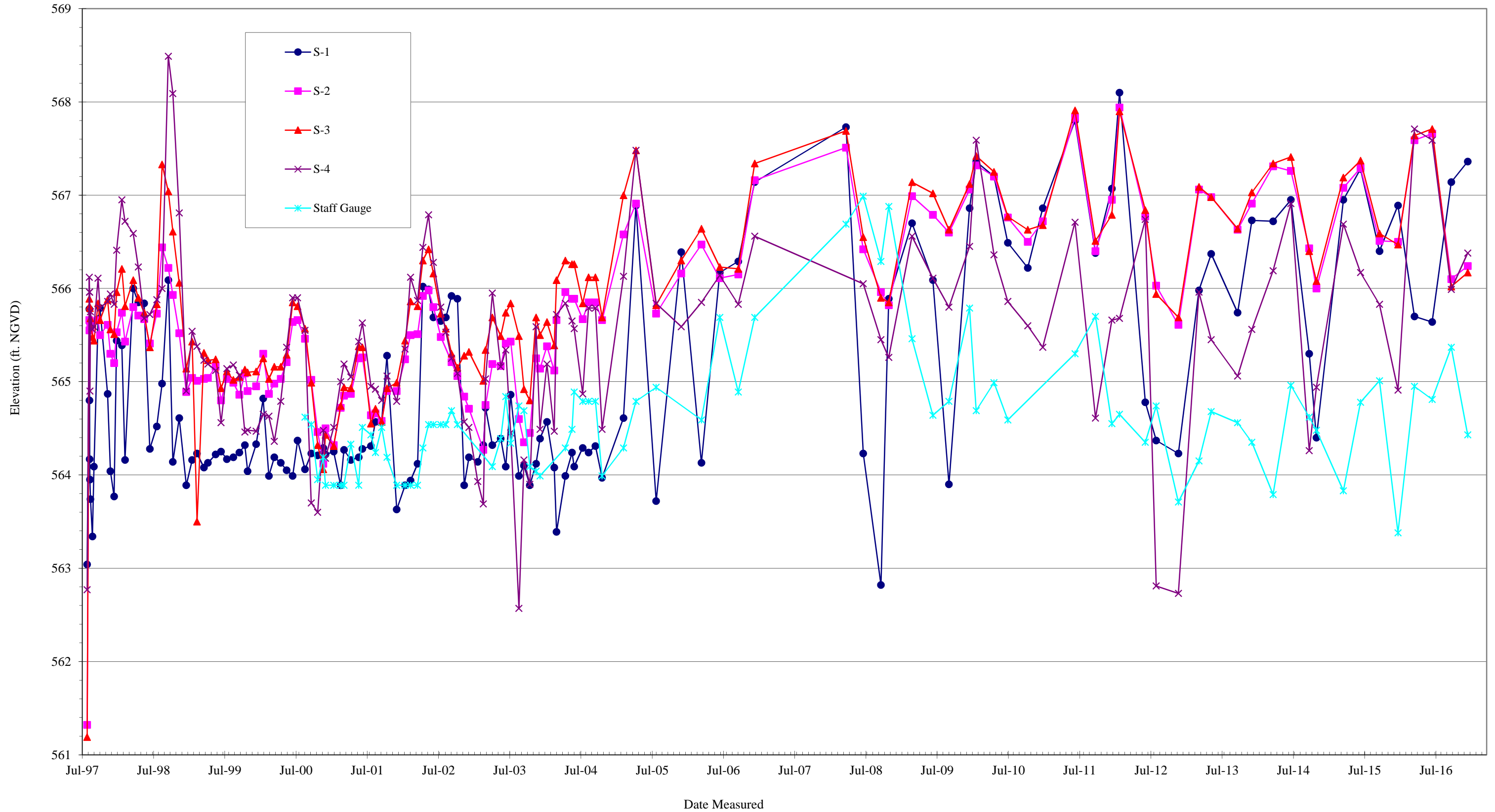


Appendix B-5 - Historical Hydrograph RW-4, RW-5, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)

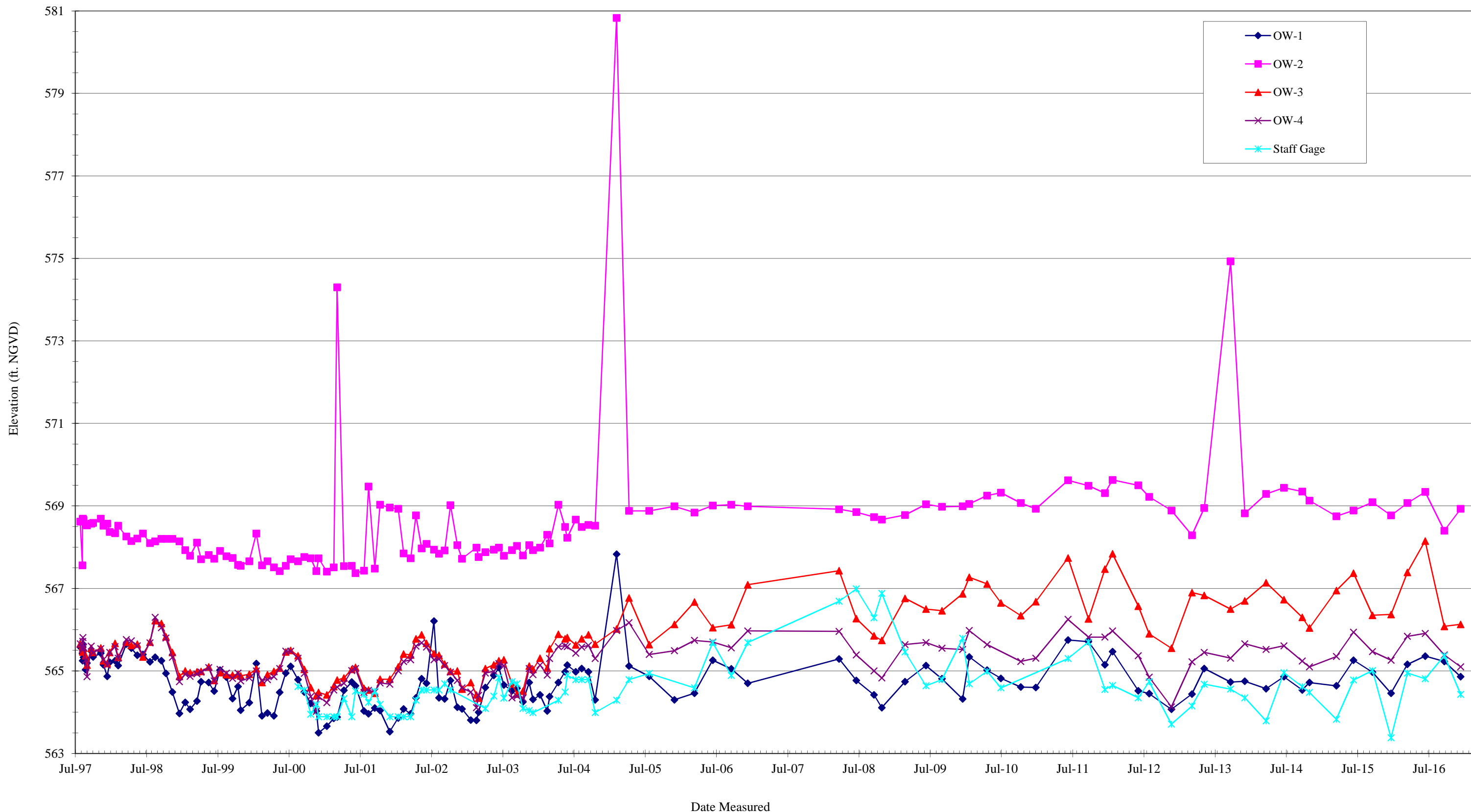


APPENDIX B-6
Historical Hydrographs
(Sumps and Observation Wells, 1997-2016)

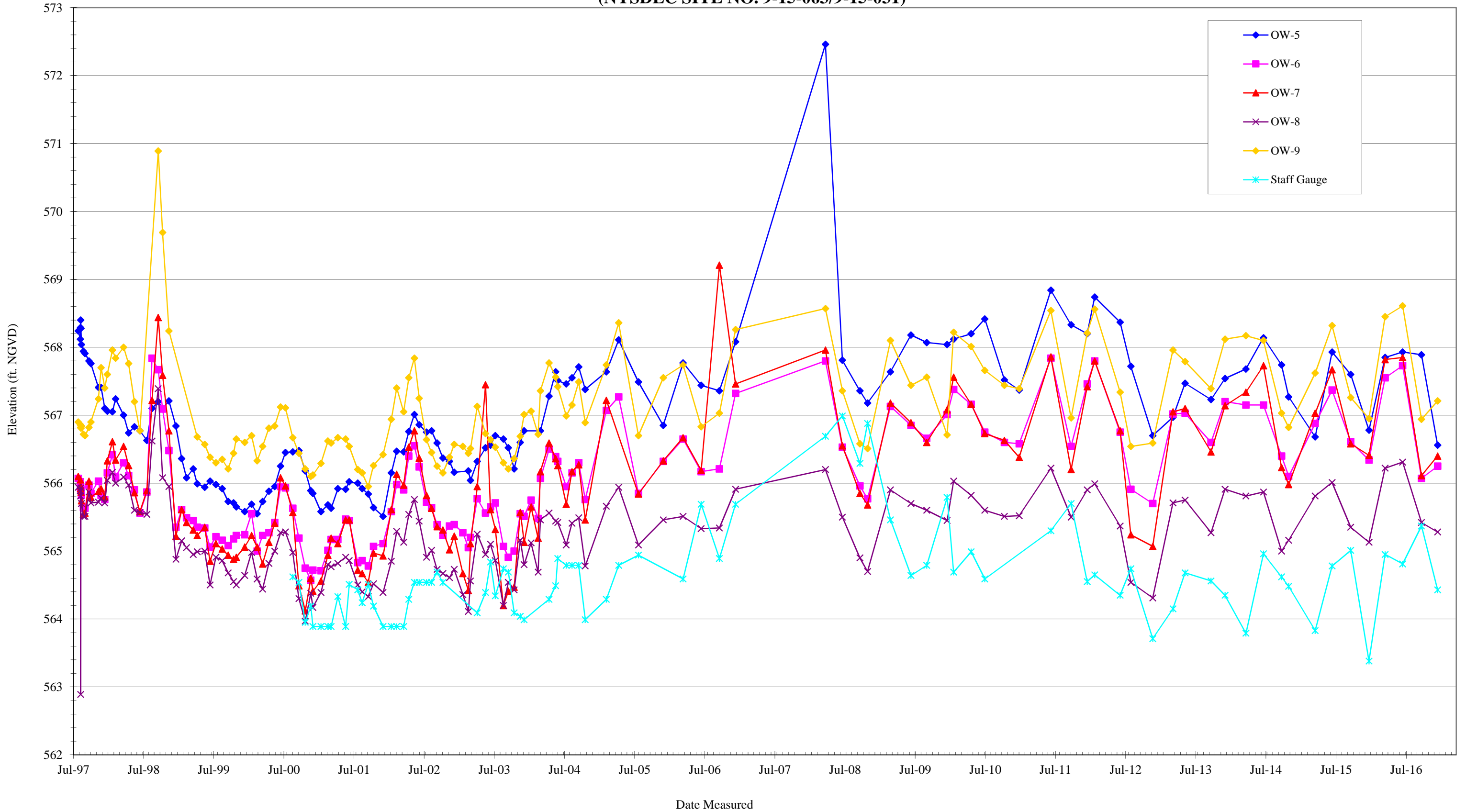
Appendix B-6 - Historical Hydrograph S-1, S-2, S-3, S-4, and Staff Gauge
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



Appendix B-6 - Historical Hydrograph OW-1, OW-2, OW-3, OW-4, and Staff Gage
CHERRY FARM / RIVER ROAD SITE
4100 RIVER ROAD, TONAWANDA, NEW YORK
(NYSDEC SITE NO. 9-15-063/9-15-031)



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)



APPENDIX C
Groundwater Sampling Logs

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	40.50	feet
Initial Static Water Level (TOC)	11.31	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	11.31	0.16	4.67

gallons

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

Volume of Purge Water Removed gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

	0 Volume	1 Volume	2 Volume	3Vol/Sample
pH	4.68	5.57	6.97	6.73
Temp. (°C)	13.61	12.61	12.67	12.55
Spec. Cond. (mS/cm)	2.02	1.92	1.81	1.79
Turbidity (NTU)	42.0	109.0	76.0	134.0

Comments:

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	40.50	feet
Initial Static Water Level (TOC)	11.31	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	11.31	0.16	4.67

gallons

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

Volume of Purge Water Removed gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

	0 Volume	1 Volume	2 Volume	3Vol/Sample
pH	8.70	7.80	7.38	5.43
Temp. (°C)	13.39	12.59	12.86	12.88
Spec. Cond. (mS/cm)	1.34	1.37	1.36	1.35
Turbidity (NTU)	16.3	47.0	129	1,044

Comments:

Triple volume collected for MS/MSD. Second MW-1 sample collected (first sampled collected on 6/15/16).

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	42.35	feet
Initial Static Water Level (TOC)	12.90	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	12.90	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 gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

pH
Temp. (°C)
Spec. Cond. (mS/cm)
Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3Vol/Sample
7.19	5.55	6.56	6.02
14.03	13.23	13.44	13.29
1.71	1.48	1.65	1.67
18.5	12.6	20.6	36.4

Comments:

Duplicate sample collected

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	31.30	feet
Initial Static Water Level (TOC)	5.32	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	5.32	0.16	4.16	gallons

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

Volume of Purge Water Removed gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

pH
Temp. (°C)
Spec. Cond. (mS/cm)
Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3Vol/Sample
6.44	6.66	6.81	6.80
12.64	10.88	10.52	10.56
1.67	1.72	1.56	1.54
17.9	108.8	18.7	10.6

Comments:

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	49.83	feet
Initial Static Water Level (TOC)	17.85	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	17.85	0.16	5.12	gallons

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

Volume of Purge Water Removed gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

pH
Temp. (°C)
Spec. Cond. (mS/cm)
Turbidity (NTU)

	0 Volume	1 Volume	2 Volume	3Vol/Sample
pH	6.20	6.06	7.02	7.62
Temp. (°C)	13.25	13.27	12.45	11.08
Spec. Cond. (mS/cm)	1.42	1.51	1.61	1.65
Turbidity (NTU)	2.58	2.07	22.2	55.7

Comments:

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	49.40	feet
Initial Static Water Level (TOC)	18.35	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	18.35	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 gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

pH
Temp. (°C)
Spec. Cond. (mS/cm)
Turbidity (NTU)

0 Volume	1 Volume	2 Volume	3Vol/Sample
5.92	5.46	5.27	4.78
11.44	10.85	11.03	11.17
1.730	1.71	1.74	1.67
36.0	8.70	6.84	3.95

Comments:

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	50.80	feet
Initial Static Water Level (TOC)	20.17	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	20.17	0.16	4.90

gallons

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

Volume of Purge Water Removed gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

	0 Volume	1 Volume	2 Volume	3Vol/Sample
pH	7.89	7.42	7.15	7.03
Temp. (°C)	12.15	11.89	11.87	11.85
Spec. Cond. (mS/cm)	1.40	1.44	1.50	1.51
Turbidity (NTU)	22.7	9.87	5.24	15.6

Comments:

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	45.45	feet
Initial Static Water Level (TOC)	20.44	feet
Well Diameter	2.0	inches

Purging Data

Method Date/Time

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	20.44	0.16	4.00	gallons

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

Volume of Purge Water Removed gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

Field Parameters

	0 Volume	1 Volume	2 Volume	3Vol/Sample
pH	6.47	5.80	5.17	4.67
Temp. (°C)	12.47	12.26	11.93	12.01
Spec. Cond. (mS/cm)	1.80	1.84	1.86	1.72
Turbidity (NTU)	57.7	10.48	7.33	4.84

Comments:

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	52.15	feet
Initial Static Water Level (TOC)	15.99	feet
Well Diameter	10.0	inches

Purging Data

Method Date/Time

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 gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

	Field Parameters	Depth to Water	pH	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity	Flow Rate (ml/min)
Elapsed Time (min)	0	16.05	8.94	16.81	1.165	14.9	0
	5	16.15	7.91	13.76	1.530	8.99	380
	10	16.25	7.21	13.71	1.547	8.15	380
	15	16.35	6.97	13.53	1.554	7.62	380
	20	16.40	6.80	14.20	1.251	7.60	380
	25	16.42	6.71	14.50	1.215	7.86	380
	30	16.42	6.65	14.42	1.235	7.08	380
	35	16.43	6.61	14.23	1.226	6.59	380
	40	16.43	6.57	14.48	1.265	6.58	380
	45						
	50						
	55						
	60						

Comments:

WELL SAMPLING RECORD

Site Name Well ID

Samplers

Total Well Depth (TOC)	52.30	feet
Initial Static Water Level (TOC)	16.25	feet
Well Diameter	8.0	inches

Purging Data

Method Date/Time

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 gallons

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 ml	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab

	Field Parameters	Depth to Water	pH	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity	Flow Rate (ml/min)
Elapsed Time (min)	0	16.35	7.46	12.43	1.272	2.30	0
	5	16.38	7.68	14.63	1.305	2.50	380
	10	16.44	7.75	12.60	1.291	1.87	380
	15	16.57	7.84	12.04	1.254	1.88	380
	20	16.68	7.89	11.72	1.251	1.77	380
	25	16.74	7.92	12.40	1.230	1.72	380
	30						
	35						
	40						
	45						
	50						
	55						
60							

Comments:

SUMP WATER SAMPLING RECORD

Site Name Well ID

Samplers

Sample Description

Type of water body:
 Physical Appearance/Odor:
 Color/Stain:

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 mL	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab
Pesticides	2x 250 mL	None	Grab
Metals	1x 250 mL	HNO ₃	Grab
Cyanide	1x 250 mL	NaOH	Grab

Field Parameters

pH	7.49
Temp. (°C)	15.46
Spec. Cond. (mS/cm)	1.480
Turbidity (NTU)	41.0

Comments:

SUMP WATER SAMPLING RECORD

Site Name Well ID

Samplers

Sample Description

Type of water body:
 Physical Appearance/Odor:
 Color/Stain:

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 mL	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab
Pesticides	2x 250 mL	None	Grab
Metals	1x 250 mL	HNO ₃	Grab
Cyanide	1x 250 mL	NaOH	Grab

Field Parameters

pH	10.28
Temp. (°C)	15.60
Spec. Cond. (mS/cm)	1.56
Turbidity (NTU)	1.31

Comments:

SUMP WATER SAMPLING RECORD

Site Name Cherry Farms Well ID S-3

Samplers Mike Reisch
Jennifer Clay

Sample Description

Type of water body: Sump

Physical Appearance/Odor: No odor

Color/Stain: Clear

Sampling Data

Method Grab Date/Time 6/17/2016 14:55

Parameters	Bottle	Preservation	Method
VOC	3x 40 mL	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab
Pesticides	2x 250 mL	None	Grab
Metals	1x 250 mL	HNO3	Grab
Cyanide	1x 250 mL	NaOH	Grab

Field Parameters

pH	10.99
Temp. (°C)	14.63
Spec. Cond. (mS/cm)	2.447
Turbidity (NTU)	2.67

Comments:

4.13 ft btoc

SUMP WATER SAMPLING RECORD

Site Name Well ID
 Samplers

Sample Description

Type of water body:
 Physical Appearance/Odor:
 Color/Stain:

Sampling Data

Method Date/Time

Parameters	Bottle	Preservation	Method
VOC	3x 40 mL	1:1 HCl	Grab
Semi Volatile	2x 250 mL	None	Grab
PCB	2x 250 mL	None	Grab
Pesticides	2x 250 mL	None	Grab
Metals	1x 250 mL	HNO3	Grab
Cyanide	1x 250 mL	NaOH	Grab

Field Parameters

pH	10.44
Temp. (°C)	13.90
Spec. Cond. (mS/cm)	1.657
Turbidity (NTU)	2.79

Comments:

APPENDIX D
2016 Remedial System Monitoring Data and
Town of Tonawanda Industrial Sewer Connection Permit

Appendix D - 2016 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	1/18/16	2/8/16	3/7/16	4/8/16	5/13/16	6/10/2016	6/24/2016*	7/11/16	7/18/16 ***	8/15/16	9/12/16	10/7/16	11/12/16	12/1/16 ****
OWS/Influent																
PCBs																
Aroclor 1016	NA	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Aroclor 1221	NA	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Aroclor 1232	NA	ug/L	ND	ND	0.42	0.39	0.4	0.48	0.51	0.48	-	0.62	0.78	0.8	ND	0.59
Aroclor 1242	NA	ug/L	0.19	0.56	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	0.29	ND
Aroclor 1248	NA	ug/L	ND	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	ND
Aroclor 1260	NA	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Oil & Grease	100	mg/L	ND	ND	ND	2.2 J	ND	ND	-	ND	-	ND	ND	ND	ND	1.3 J
Between Carbon																
PCBs																
Aroclor 1016	NA	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Aroclor 1221	NA	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Aroclor 1232	NA	ug/L	ND	ND	0.42	0.2	0.17	0.19	0.17	ND	-	ND	ND	ND	ND	0.54
Aroclor 1242	NA	ug/L	0.15	0.063	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Aroclor 1248	NA	ug/L	ND	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	ND
Aroclor 1260	NA	ug/L	ND	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
Aroclor 1221	0.065 **	ug/L	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	0.054	ND	0.19	ND	ND	ND	ND	ND	ND
Aroclor 1242	0.065 **	ug/L	ND	ND	ND	ND	ND	ND	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
Aroclor 1254	0.065 **	ug/L	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
TSS	250	mg/L	-	-	-	-	-	-	ND	-	-	-	-	-	-	4.8
pH	5.0-9.5	SU	7.75	6.8	7.13	7.35	7.35	8.75	-	7.35	-	6.9	8.4	6.0	6.8	6.5
BOD	250	mg/L	-	-	-	-	-	-	6.0	-	-	-	-	-	-	ND
SGT TPH	100	mg/L	ND	3.3 J	2.3 J	ND	ND	ND	ND	ND	-	ND	ND	2.4 J	ND	ND
Total Cyanide	1.1	mg/L	-	-	-	-	-	-	0.031	-	-	-	-	-	-	.0088 J
Total Phosphorous	6	mg/L	-	-	-	-	-	-	0.36	-	-	-	-	-	-	ND
Total Zinc	4.4	mg/L	-	-	-	-	-	-	.0052 J	-	-	-	-	-	-	ND
Effluent Volume	NA	GPM	70,124	100,711	183,879	219,893	276,919	149,711		97,827		233,784	284,992	318,835	270,801	282,464

Notes:

- = not analyzed

* = semi-annual sampling event for ML-2 / PCB resample due to ML-2 detection.

** = discharge limit for all aroclors.

*** = PCB resample due to ML-2 Detection

**** = semi annual sampling event for ML-2

ug/L = micrograms per liter

mg/L = milligrams per liter

SU = standard unit (logarithmic 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 = Compound was found in the blank and sample

BOLD = concentration exceeds permitted Wastewater Discharge Limit

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.

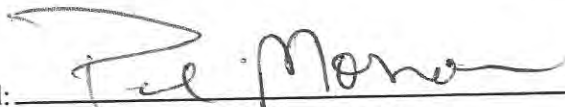
This permit is granted in accordance with the application filed on December 16, 2013 in the office of the Pretreatment Administrator, and in conformity with plans, specifications, and other data submitted to the Town in support of the above application.

Effective Date: January 1, 2014

Expiration Date: December 31, 2016

Permit No. 613

Date: 12-30-13

Signed: 

Paul Morrow
Town of Tonawanda
Office of the Compliance Coordinator

PART 1 - WASTEWATER DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

A. LOCALLY DERIVED LIMITATIONS

*The industrial user shall comply with the following locally derived effluent limitations effective as of **January 1, 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. REVOCAION OF PERMIT

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

11. LIMITATIONS ON PERMIT TRANSFER

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

12. FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

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

13. MODIFICATION OR REVISION OF THE PERMIT

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

14. DUTY TO REAPPLY

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

15. SEVERABILITY

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

16. LIMITATIONS

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

17. A. VIOLATIONS

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

B. MISDEMEANORS

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

18. ENFORCEMENT OF THE SEWER USE LAW AND PERMITS

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

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.

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 15, 2016 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, 2017

Expiration Date: December 31, 2019

Permit No. 613

Date: 12/20/16 Signed: Paul Morrow

Paul Morrow
Town of Tonawanda
Office of the Compliance Coordinator

PART 1 - WASTEWATER DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

A. LOCALLY DERIVED LIMITATIONS

The industrial user shall comply with the following locally derived effluent limitations effective as of January 1, 2017

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	"
Total Arsenic	"	0.5 mg/l	Compliance ¹
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 2017.*

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. REVOCAION OF PERMIT

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

11. LIMITATIONS ON PERMIT TRANSFER

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

12. FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

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

13. MODIFICATION OR REVISION OF THE PERMIT

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

14. DUTY TO REAPPLY

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

15. SEVERABILITY

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

16. LIMITATIONS

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

17. A. VIOLATIONS

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

B. MISDEMEANORS

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

18. ENFORCEMENT OF THE SEWER USE LAW AND PERMITS

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

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 01, 2016 to December 31, 2016

- | | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 1. Is the information above correct? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <i>Town of Tonawanda system discharge permit was renewed in December 2016 for the period of 2017-2019 - Appendix D of the PRR.</i> | | |
| 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? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Box 2

- | | YES | NO |
|--|-------------------------------------|--------------------------|
| 6. Is the current site use consistent with the use(s) listed below?
Closed Landfill | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are all ICs/ECs in place and functioning as designed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
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.

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
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.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

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

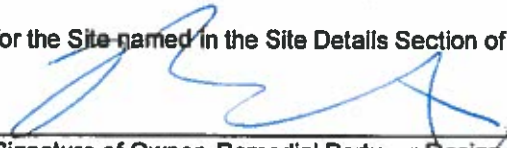
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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 Brand Stevens at 300 Erie Blvd West
print name print business address
Syracuse NY 13202

am certifying as National Oil (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

2/27/2017
Date

IC/EC CERTIFICATIONS

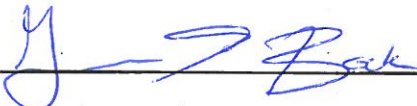
Box 7

Professional Engineer Signature

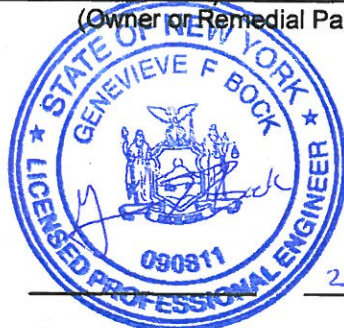
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Genevieve F. Bock at GES, Inc. 89A Cabot Court, Hauppauge, NY
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)

2/27/2017
Date



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 01, 2016 to December 31, 2016		
		YES NO
1. Is the information above correct?		<input checked="" type="checkbox"/> <input type="checkbox"/>
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?		<input type="checkbox"/> <input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		<input type="checkbox"/> <input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		<input checked="" type="checkbox"/> <input type="checkbox"/>
<i>Town of Tonawanda system discharge permit was renewed in December 2016 for the period of 2017-2019 - Appendix D of PRR.</i>		
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?		<input type="checkbox"/> <input checked="" type="checkbox"/>
		Box 2
		YES NO
6. Is the current site use consistent with the use(s) listed below? Closed Landfill		<input checked="" type="checkbox"/> <input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?		<input checked="" type="checkbox"/> <input type="checkbox"/>
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

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
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. Lan

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.

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
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 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 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 complete.

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

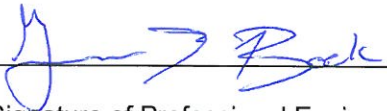
Box 7

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 Genevieve F. Bock at GES, Inc. 89A Cabot Court, Hauppauge, NY,
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)

2/27/2017

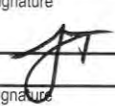
Date

APPENDIX F
Copy of Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD038641601	2. Page 1 of 2	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 009611128 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) 3 SAME			
6. Transporter 1 Company Name Clean Harbors Environmental Service, Inc.				U.S. EPA ID Number MAD039322250			
7. Transporter 2 Company Name FRANKS VACUUM TRUCK SERVICE, INC.				U.S. EPA ID Number NYD982792814			
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		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS), 9, PG III (PCB'S)	001	DM	40	K	B007	B DUTS4091
X	2. RQ, UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS AND CARBON), 9, PG III (PCB'S)	002	DM	360	K	B007	B DUTS4091
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. CH362036 ERG#171 OSD 2-15-16 021516-01 2. CH362050 2 x 95 ERG#171 OSD 11-16-15 021516-02,03							
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 Thomas Palmer on behalf of Cherry Farm PRP Group				Signature <i>Thomas Palmer</i>		Month Day Year 02 15 16	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> 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 Steve Ricci				Signature <i>Steve Ricci</i>		Month Day Year 02 15 16	
Transporter 2 Printed/Typed Name RONNIE COOPER				Signature <i>Ronnie Cooper</i>		Month Day Year 2 18 14	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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 Terrysha Woods				Signature <i>Terrysha Woods</i>		Month Day Year 3 9 16	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NYD 038641601	22. Page 2/2	23. Manifest Tracking Number 00961112874			
24. Generator's Name Chem Farm PRP							
25. Transporter <u>3</u> Company Name Clean Harbors Environmental Services Inc		U.S. EPA ID Number MA0035322200					
26. Transporter <u>4</u> Company Name Robble D. Wood, Inc.		U.S. EPA ID Number ALD067138891					
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
			No.	Type			
	/						
	/						
	/						
	/						
	/						
	/						
	/						
	/						
32. Special Handling Instructions and Additional Information							
TRANSPORTER	33. Transporter <u>3</u> Acknowledgment of Receipt of Materials	Printed/Typed Name As an agent Nicole Daly		Signature 	Month 02	Day 18	Year 14
	34. Transporter <u>4</u> Acknowledgment of Receipt of Materials	Printed/Typed Name Pamela L Burke		Signature 	Month 3	Day 3	Year 16
DESIGNATED FACILITY	35. Discrepancy						
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NYDD38641601	22. Page 313	23. Manifest Tracking Number 009611128 FILE	
24. Generator's Name 5 Cherry Farm					
25. Transporter Company Name CLEAN HARBORS ENV. SERVICES INC.				U.S. EPA ID Number MAD039322250	
26. Transporter Company Name				U.S. EPA ID Number	
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity
			No.	Type	30. Unit Wt./Vol.
TRANSPORTATION					
PURPOSES					
ONLY					
32. Special Handling Instructions and Additional Information					
TRANSPORTER	33. Transporter 5 Acknowledgment of Receipt of Materials				
	Printed/Typed Name Josie Trujillo, Agent for CHES	Signature 	Month 3	Day 4	Year 16
DESIGNATED FACILITY	34. Transporter Acknowledgment of Receipt of Materials				
	Printed/Typed Name	Signature	Month	Day	Year
35. Discrepancy					
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

1

3. Emergency Response Phone

800-535-5053

4. Waste Tracking Number

22485

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

**Cherry Farm PRP Group
4100 River Road
Tonawanda, NY 14150**

Generator's Phone:

6. Transporter 1 Company Name

716.695.6720

U.S. EPA ID Number

NYD986903904

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

**American Recyclers Inc.
177 Niles Ave**

Tonawanda, NY 14150

Facility's Phone:

716.695.6720

U.S. EPA ID Number

NYR000030809

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. **Non RCRA Non DOT Regulated, (Carbon
Filter Media)**

0027 DM 5400 P

2.

3.

4.

13. Special Handling Instructions and Additional Information

ERG:

Approval #:

1- 1-X-11620L
2-
3-
4-

Handling Codes:

1- None
2-
3-
4-

24 Hour Emergency Contact:
INFOTRAC (Caller Must ID
ESG)

14. 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.

Generator's/Offoror's Printed/Typed Name

on behalf of Cherry Farms PRP group
Lawrence T. Reisch

Signature

[Signature]

Month Day Year
10 17 16

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Michael W Peterson

Signature

[Signature]

Month Day Year
10 17 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Sullivan Mastropoli

Signature

[Signature]

Month Day Year
10 17 16