

October 30, 2012

Mr. Brian Sadowski, Project Manager
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

RE: Iroquois Gas/Westwood Pharmaceuticals Site
100 Forest Avenue, Buffalo, New York 14213
Site No. 9-15-141A
Periodic Review Report
First Semi-Annual Report for 2012

Dear Mr. Sadowski:

On behalf of Bristol-Myers Squibb Company, Groundwater & Environmental Services, Inc. (GES) is pleased to submit the attached Periodic Review Report (PRR). The report was prepared in accordance with the PRR General Guidance document provided by the New York State Department of Environmental Conservation and documents the implementation of and compliance with site management requirements for the site. The reporting period encompasses January 1, 2012 through June 30, 2012.

If you have any questions or require additional information, please feel free to contact the undersigned at (800) 287-7857.

Thank you.

Regards,

Andrew Janik Digitally signed by Andrew Janik
DN: cn=Andrew Janik, o=ou
email=ajanic@gesonline.com, c=US
Date: 2012.10.30 14:31:46 -04'00'

Andrew Janik
Project Manager

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***Periodic Review Report
First Semi-Annual Report for 2012***

**IROQUOIS GAS/WESTWOOD PHARMACEUTICAL
100 Forest Avenue
Buffalo, New York
(NYSDEC Site No. 9-15-141)**

SUBMITTED TO:



**NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL
REMEDiation**

SUBMITTED BY:

BRISTOL-MYERS SQUIBB COMPANY

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October 2012

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EXECUTIVE SUMMARY

INTRODUCTION

This First Semi-Annual Periodic Review Report (PRR) for 2012 for the Iroquois Gas/Westwood Pharmaceutical site summarizes the monitoring, maintenance, and compliance activities conducted from January 1 through June 30, 2012. The work was conducted in accordance with the Groundwater Remediation and Cap Maintenance Operation and Maintenance (O&M) Manual in order to maintain compliance with the remediation goals established for the site in the Record of Decision, dated March 1994.

PROGRAM METHODOLOGY

During this reporting period, performance monitoring for the groundwater extraction system consisted of quarterly gauging of recovery wells EW-3 through EW-8, piezometers P-1 through P-6, and the Scajaquada Creek. It also included the semi-annual gauging and sampling of on-site monitoring wells B3, B6, B7, B8, MWF2, MWF3, MWF4, and PS-1 (**Figure 1-2**).

The water level data for the reporting period was used to construct hydrographs for the extraction wells, piezometers, and Scajaquada Creek. This data was reviewed to determine if the sheet pile barrier wall and the groundwater extraction wells are continuing to operate in accordance with design specifications.

The monitoring well samples were analyzed for pH and volatile organic compounds (VOCs) including BTEX (benzene, toluene, ethylbenzene, and xylenes) via USEPA Method 8021. This data provides an overview of the contaminants and concentration levels that remain on-site in the soil and/or groundwater. Reviewing historical contaminant concentration trends allows Groundwater and Environmental Services, Inc (GES) to determine if on-site groundwater quality is improving over time.

In accordance with the treatment system discharge permit for the site, monthly treatment system sample analyses include pH, total mercury, total zinc, total cyanide, VOCs via USEPA Method 624, and semi-volatile organic compounds (SVOCs) via USEPA Method 625. Analytical results assist in determining if the treatment system is operating in accordance with design specifications. The data is compared to the Discharge Limitations and Monitoring Requirements outlined in the site specific wastewater discharge permit.

The quarterly cap inspections were completed during the reporting period to ensure the cap is providing proper containment of on-site contaminants, eliminating the threat of surface water coming into contact with the underground contaminants, and eliminating the threat of exposure to surficial contaminants to on-site workers and contractors. The cap system includes areas that have existing structures (i.e. Building No. 6 and 9), sealed asphalt covering, and open areas where a clay barrier was constructed. The clay barrier was covered with either topsoil and shallow root vegetation or a stone barrier (i.e. access road).

MONITORING SUMMARY

Analytical data for the June 2012 sampling event indicates BTEX concentrations remained relatively stable for all monitoring wells sampled. As historically observed, the most notable BTEX concentrations are present in B-8, MW-F2, and MW-F4. Relatively minor BTEX concentrations are present in B-3, B-6, B-7, MW-F3, and PS-1. There were no significant changes regarding BTEX concentrations when comparing the June 2012 sample results to historical results.

The extraction wells and piezometers were gauged in February and June 2012. Water table elevations for piezometers P-2, P-5, and P-6 have consistently and historically been higher than the water elevation of Scajaquada Creek, with the exception of P-6 during the second quarter 2012. It should be noted that the surface area between the fence line and the sheet pile wall, encompassing piezometers P-2 through P-6, is not capped. This allows for the infiltration of surface water. Therefore, GES attributes the higher water table elevations in these piezometers to the mounding of groundwater and infiltrated surface water behind the vertical sheet piling wall. In reviewing current and historical hydrographs for the extraction wells, water table elevations have historically remained consistent and below the water elevation of Scajaquada Creek, indicating an inward hydraulic gradient towards the extraction wells exits.

GES conducted quarterly cap inspections on February 1 and May 21, 2012. The formal cap inspection with the NYSDEC was conducted on May 21, 2012. No problems were noted in regards to vegetative/asphalt cover, settlement, erosion, or drainage controls during the February or May 2012 inspections.

SYSTEM EFFECTIVENESS

Monthly analytical discharge data for the reporting period indicates that the treatment system has been operating and discharging in accordance with the permitted discharge limits. Approximately three gallons of non-aqueous phase liquid (NAPL) were collected during the first quarter 2012 (January - March) and approximately five gallons of NAPL were collected during the second quarter 2012 (April - June). Based on the treatment system analytical data and the NAPL recovery for the reporting period, the system is operating as designed.

Approximately 55,022 gallons of groundwater were treated and discharged to the sewer during the reporting period. Approximately 30,701 gallons were treated and discharged during the first quarter 2012 and approximately 24,321 gallons were treated and discharged during the second quarter 2012. The volume of water discharged during the first quarter 2012 was consistent with the volume discharged during the first quarter 2011 however both were the lowest first quarter discharge volumes observed since 2004. The second quarter 2012 discharge volume was the lowest second quarter volume recorded since 2004. GES does not have historical discharge data prior to 2004. GES attributes the lower volumes of discharge for both quarters to a combination of downtime associated with process line repairs, drier weather conditions, and the possibility of well fouling over time. The average precipitation for the first quarter 2012 was the fifth driest since 2004 (2.69 inches) and the average precipitation for the second quarter 2012 was the second driest since 2004 (2.22 inches). The six extraction wells

will be cleaned/developed during the week of October 29, 2012 in an effort to maximize well yield.

The treatment system operated at approximately 95% during the first quarter and at 98% during the second quarter. The first quarter down-time was due to process line (water) repairs in the vault of extraction wells EW-7 and EW-4. The second quarter down-time was due to process line (water) repairs in the vault of extraction wells EW-5 and EW-3 and air compressor maintenance.

NAPL MONITORING OF EXTRACTION WELLS AND PIEZOMETERS

On behalf of Bristol-Myers Squibb Company (BMS), GES prepared the “Work Plan for NAPL Monitoring of Extraction Wells and Piezometers” in response to the New York State Department of Environmental Conservation (NYSDEC) letter dated June 12, 2012 (2nd Semi-Annual Periodic Review Report for 2011) and the NYSDEC meeting held on July 24, 2012 attended by GES and de maximis, inc. The request for an investigation was initiated by the NYSDEC as a result of work completed by National Fuel Gas (NFG) in August and September 2011 to stabilize the bank of Scajaquada Creek. The NYSDEC provided written approval of the Work Plan in a letter dated July 31, 2012.

In accordance with the NYSDEC-approved Work Plan, GES began monthly non-aqueous phase liquid (NAPL) gauging of the piezometers, extraction wells, and groundwater monitoring wells in September 2012. During the gauging event, GES recorded the depth to light non-aqueous phase liquid (LNAPL), depth to water, depth to DNAPL, and total measured depth. LNAPL was identified in piezometer P-6 at a thickness of approximately 0.01 feet. Dense non-aqueous phase liquid (DNAPL) was identified in extraction wells EW-6 (0.20 feet), EW-7 (0.40 feet), and EW-8 (0.10 feet); and piezometers P-5 (0.30 feet) and P-6 (0.30 feet).

GES attempted to recover the DNAPL in piezometers P-5 and P-6 using a stainless steel point source bailer. Approximately two gallons of DNAPL and water was recovered from P-5 and was disposed of in a 55-gallon drum. Due to the varying consistency of the DNAPL and the repeated disturbance caused by bailing, GES is unsure if all of the DNAPL from P-5 was recovered. Therefore, GES is anticipating DNAPL presence in P-5 during the October gauging event, however at a thickness less than 0.30 feet.

GES was unable to advance the stainless steel bailer down P-6 as the well casing appears to be obstructed within the top five to ten feet. During the extraction well development, tentatively scheduled for the week of October 29, 2012, GES will attempt to correct the obstruction using subcontractor tools and equipment. If the obstruction can not be corrected, GES recommends continuing with the monthly gauge of the well and noting any additional accumulation of DNAPL beyond the measured 0.30 feet observed during the September gauging event.

SCAJAQUADA CREEK AND SHEET PILE WALL MONTHLY INSPECTIONS

At the request of the NYSDEC, NFG was on-site during the months of August and September, 2011 to stabilize the bank of Scajaquada Creek. On September 8, 2011, the NYSDEC was notified by NFG that a NAPL was seeping through a lifting hole in the sheet pile wall. In response, NFG cleaned out the area behind the wall in the area of the lifting hole and filled the void with hydraulic cement.

As a result of the NFG bank work, the sheet pile wall is to some extent accessible for visual inspection. During the meeting with the NYSDEC on July 24, 2012, referenced above, GES discussed completion of routine monthly inspections of the sheet pile wall, depending on weather/safety conditions, to aid in identifying any possible future deficiencies. If a deficiency is identified (i.e. NAPL seepage from the wall), GES would notify the NYSDEC immediately.

GES was able to safely descend down the side of the bank to Creek level during the months of August and September 2012. During these inspections, water was observed leaking from lifting holes in the vicinity of piezometer P-4 and from buried lifting holes immediately south of the lifting holes that were patched by NFG. Several more lifting holes were observed to have been leaking in the past, however were not at the time of the inspections. There was no evidence of NAPL seepage from the wall or product sheen in the Creek.

CONCLUSIONS

- On-site operation, maintenance, and monitoring activities continue to be completed in accordance with the procedures outlined in the O&M Manual to ensure the effectiveness of the remedial systems in maintaining compliance with the remediation goals created for the site.
- Based on the data collected from January through June 2012 (hydrographs and NAPL collection), all aspects of the remedial system continue to operate within design specifications.
- Analytical data for the June 2012 sampling event indicates BTEX concentrations remained relatively stable for all monitoring wells sampled. Monthly analytical discharge data for the reporting period indicates that the treatment system has been operating and discharging in accordance with the permitted discharge limits.
- The treatment system discharge volumes for the first and second quarters were below average when compared to previous years. GES attributes the lower volumes of discharge for both quarters to a combination of downtime associated with process line repairs, drier weather conditions, and the possibility of well fouling over time. The six extraction wells will be cleaned/developed during the week of October 29, 2012 in an effort to maximize well yield. The treatment system operated at approximately 95% during the first quarter and at 98% during the second quarter.

- GES conducted visual inspections of the sheet pile wall in August and September 2012. Water was observed leaking from lifting holes in the vicinity of piezometer P-4 and from lifting holes immediately south of the lifting holes that were patched by NFG. Several more lifting holes were observed to have been leaking in the past however were not at the time of the inspections. There was no evidence of NAPL seepage from the wall or product sheen in the Creek.
- GES conducted the first round of monthly gauging events in September 2012 in accordance with the NYSDEC approved "Work Plan for NAPL Monitoring of Extraction Wells and Piezometers." LNAPL was identified in piezometer P-6 at a thickness of approximately 0.01 feet. DNAPL was identified in extraction wells EW-6 (0.20 feet), EW-7 (0.40 feet), and EW-8 (0.10 feet); and piezometers P-5 (0.30 feet) and P-6 (0.30 feet). Approximately two gallons of DNAPL and water was recovered from P-5 and was disposed of in a 55-gallon drum. Due to the varying consistency of the DNAPL and the repeated disturbance caused by bailing, GES is unsure if all of the DNAPL from P-5 was recovered. GES was unable to advance the stainless steel bailer down P-6 as the well casing appears to be obstructed within the top five to ten feet. During the extraction well development, tentatively scheduled for the week of October 29, 2012, GES will attempt to correct the obstruction using subcontractor tools and equipment.
- Periodic Review Reports will continue to be submitted on a semi-annual basis.

SECTION 1 SITE OVERVIEW

1.1 BACKGROUND

The site encompasses approximately 8.8 acres in a mixed industrial/residential area of Buffalo, New York (**Figure 1.1**). It is our understanding that the site was recently sold to Industrial Realty Group, LLC in March 2012. The site originally operated as a manufactured gas plant from approximately 1897 through 1955. Iroquois Gas (now NFG) owned and operated the plant from 1925 through 1955, and continued gas storage on site until 1972. Iroquois Gas removed and/or demolished some of the on site structures in 1968 and buried waste materials such as heavy tars, sludges, coal, coke, and demolition debris. In 1972, Westwood Pharmaceutical (now Bristol-Myers Squibb Company, Inc.) purchased the property and demolished the remaining on site structures. A 100,000 square foot warehouse (Building No. 6) was constructed on the southern portion of the site (**Figure 1.2**). In 1985, a second 100,000 square foot warehouse (Building No. 9) was constructed immediately north of Building No. 6 (**Figure 1.2**). During the 1985 construction phase, soil and groundwater contamination was encountered. Between 1986 and 1988, several monitoring wells were installed and groundwater samples were analyzed. As a result, in 1989, the NYSDEC listed the site in the Registry of Inactive Hazardous Waste Sites.

In 1992 and 1993, Westwood completed, under NYSDEC oversight, a Remedial Investigation/Feasibility Study (RI/FS) to define the nature and extent of any contamination resulting from previous activities on site and to provide potential remedial alternatives for the site. The final remedial objectives were divided into terrestrial and riparian components with Westwood assuming obligations related to the terrestrial remedy and National Fuel Gas assuming obligations related to the riparian remedy. Based on NYSDEC review of the RI/FS, the selected terrestrial remedy included the following:

- A clay cap to contain the source area contaminants;
- Impermeable sheet piling barrier wall (installed at the crest of Scajaquada Creek bank by National Fuel Gas) for gradient control;
- Extraction wells for gradient control;
- Groundwater and DNAPL treatment by oil/water separation, filtration, and activated carbon or equivalent;
- In-situ biotreatment system of soil and groundwater to enhance the remediation process, if found to be effective; and
- Long-term monitoring, land use restrictions and fencing.

As part of the agreement between NFG and Westwood, NFG has agreed to maintain the sheet piling barrier wall.

The selected riparian remedy included the following:

- Excavation of contaminated sediments originating from the site;
- Fencing and use restriction in the stretch of the Creek under excavation for the duration of the work;
- Construction on site and use of a temporary storage and dewatering facility for the excavated sediments;
- Pre-treatment and disposal of wastewater from the dewatering operation;
- Off site transport of the dewatered sediments for thermal destruction or disposal by other approved and suitable methods consistent with Federal/State regulations; and
- Post sediment removal confirmatory sampling.

Remediation goals for the remedial program were established under the overall goal of meeting all standard, criteria, guidance (SCGs) and protecting human health and the environment. The specific goals for the site include:

- Reduce, control, or eliminate the contamination present within the soils/waste on site;
- Eliminate the threat to surface waters by eliminating any future contaminated surface run-off from the contaminated soils on site;
- Eliminate the threat to the environment, fish, and wildlife and public health by remediating contaminated sediments originating from the site to background conditions;
- Eliminate the potential for direct human or animal contact with the contaminated soils on site;
- Reduce or eliminate migration of contaminated groundwater and NAPL to the environment;
- Prevent, to the extent practicable, migration of contaminants from the site to groundwater; and
- Provide for attainment of New York State SCGs for groundwater quality.

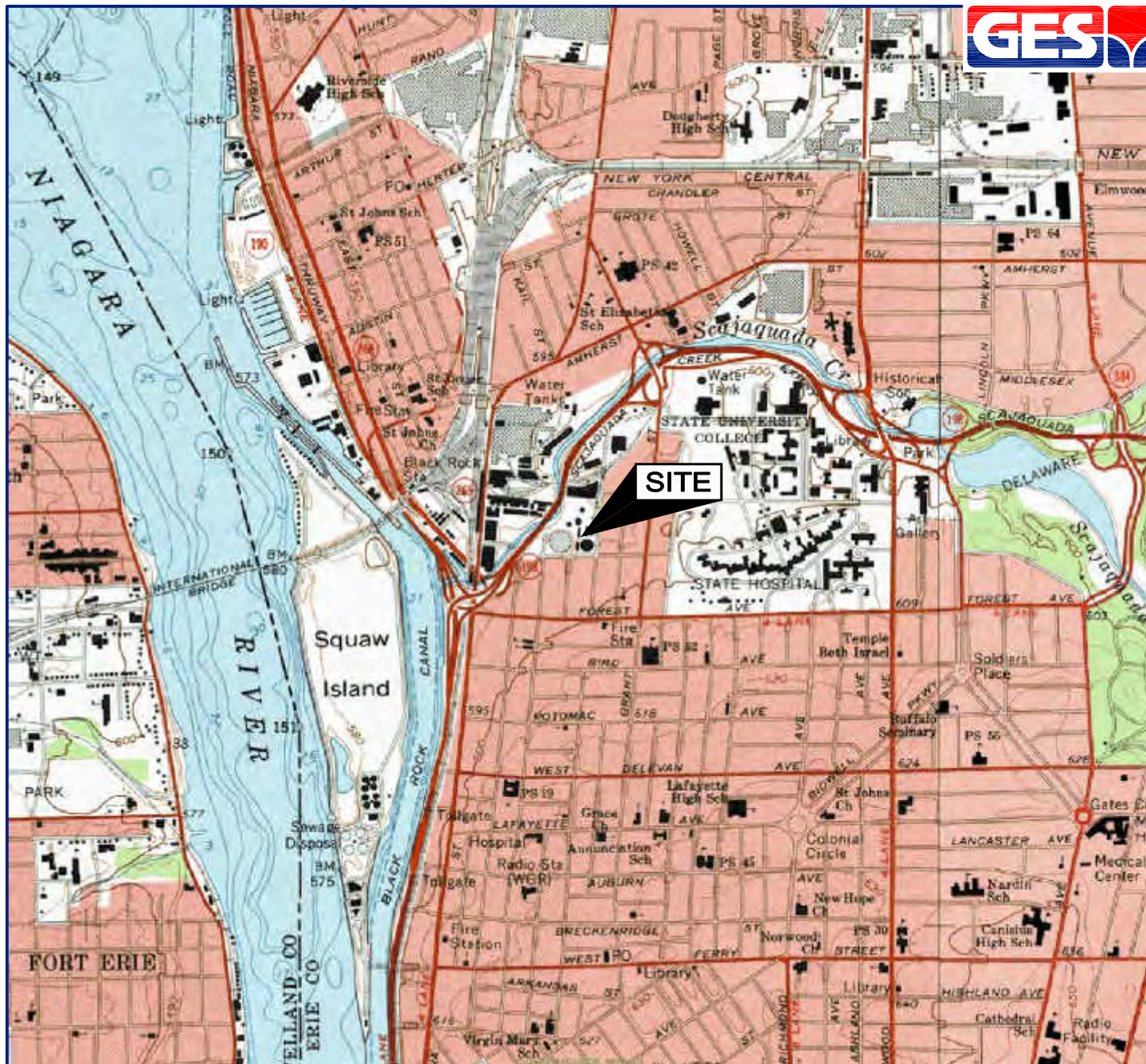
Throughout the investigative and remedial phases of the terrestrial remedy, a total of 14 monitoring wells, 12 piezometers, and 6 extraction wells were installed for monitoring, sampling, and groundwater recovery purposes (**Figure 1.2**). Current remedial operations for the site include operation and maintenance of the groundwater extraction system and maintenance of the surface control barrier (cap).

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

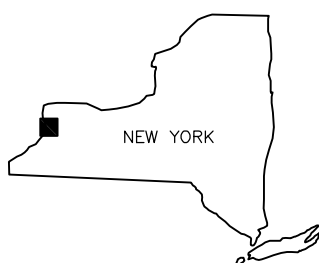
- Groundwater extraction wells EW-3 through EW-8. These wells were installed to hydraulically control and contain the movement of contaminated groundwater to prevent migration and potential discharge into Scajaquada Creek; and
- Piezometers P-1 through P-6. These were installed to measure the hydraulic gradient between the recovery wells and Scajaquada Creek and to monitor the performance of the extraction well system.

In accordance with the Operation and Maintenance (O&M) Manual, groundwater and surface water gauging was performed weekly for the first six months of system operation and was then reduced to a quarterly performance.

GeoTrans, Inc. (GeoTrans) of Sterling, Virginia began operation of the remedial groundwater treatment system in 1997 and continued O&M of the system through 2005. In 2005, GES was retained by BMS (GES has operated the system to-date).



SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1965
BUFFALO, NORTHWEST
CONTOUR INTERVAL = 10'

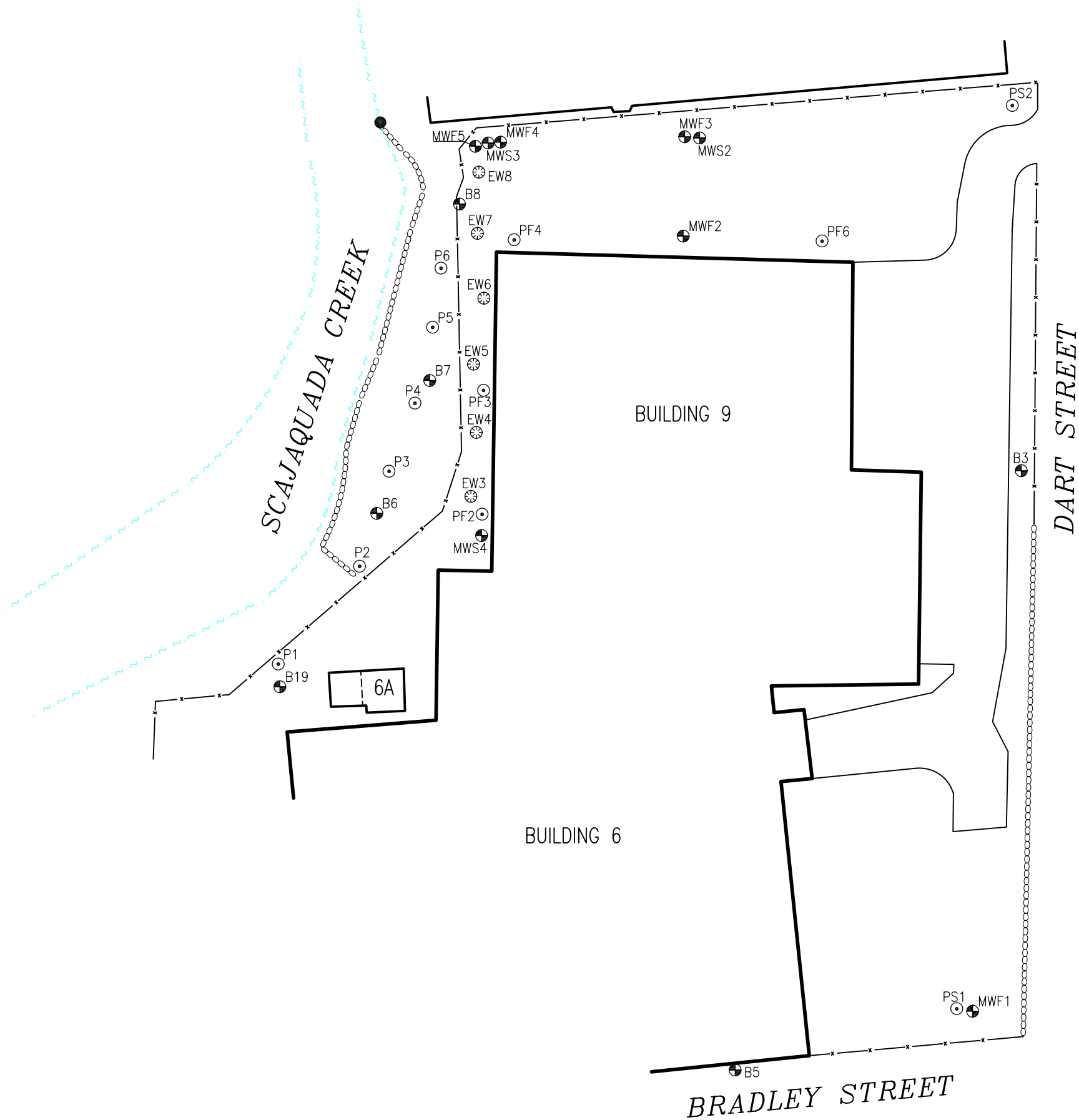


QUADRANGLE LOCATION

DRAFTED BY: E.M.E. (N.J.)	SITE LOCATION MAP		
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK		
REVIEWED BY:			
NORTH 	Groundwater & Environmental Services, Inc. 158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225		
	SCALE IN FEET  0 2000	DATE 9-17-2012	FIGURE 1-1

LEGEND

- FENCE
- CONCRETE/RETAINING WALL
- MONITORING WELL
- STREAM GAUGE
- PIEZOMETER
- SOIL VAPOR EXTRACTION WELL



DRAFTED BY: W.G.S. (N.J.)	SITE MAP		
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc.		
NORTH 	SCALE IN FEET 0 APPROXIMATE 100	DATE 9-17-12	FIGURE 1-2

SECTION 2 PROGRAM METHODOLOGY

2.1 INSTITUTIONAL AND ENGINEERING CONTROLS

The following is a list of institutional and engineering controls created as a result of the Record of Decision (ROD), Consent Decree, and Declaration of Covenants and Restrictions for the site. The institutional and engineering controls have remained unchanged since their creation.

- Land Use Restriction
- Monitoring Plan
- O&M Plan
- Cover System
- Fencing/Access Control
- Groundwater Containment
- Leachate Collection
- Groundwater Treatment System
- Subsurface Barriers

The controls are put in place to ensure that the remediation goals are achieved and maintained throughout time. Each control is routinely monitored in accordance with procedures set forth in the O&M Manual for the site. **Table 2.1** provides a brief description of each control based on GES' understanding of the control, the monitoring program and frequency, and provides notation of any deficiencies/corrective measures for the reporting period. There were no deficiencies observed during the reporting period.

2.2 GROUNDWATER QUALITY MONITORING

In accordance with the O&M Manual, groundwater quality is evaluated at eight monitoring well locations, including B-3, B-6, B-7, B-8, MW-F2, MW-F3, MW-F4, and PS-1 on a semi-annual basis. The monitoring wells were gauged and sampled on June 28, 2012. Sample results are discussed in **Section 3**. The analytical data package is provided in **Appendix A**. Analytical data tables for all monitoring performed since 1997 are provided in **Appendix B-1**. Historical contaminant concentration trends are provided in **Appendix B-2**.

The monitoring wells were sampled and analyzed for pH and volatile organic compounds (VOCs) including BTEX (benzene, toluene, ethylbenzene, and xylenes) via USEPA Method 8021. The purge water and decontamination water was contained and treated in the on-site water treatment plant. Following collection, the samples were packed in ice and shipped via same-day delivery to an approved laboratory in accordance with chain-of-custody procedures. Groundwater sample analyses were performed by TestAmerica, Inc. (TestAmerica) of Amherst, New York.

2.3 WATER LEVEL MONITORING

Quarterly water level monitoring of the six extraction wells (EW-3 through EW-8), the six piezometers (P-1 through P-6), and Scajaquada Creek was completed in February and June 2012. In addition to the water level measurements, the thickness of NAPL, if present, was measured and recorded for each extraction well and piezometer. An oil/water interface probe was used to measure levels, with an accuracy of approximately 0.01 feet. The first and second quarter 2012 water level measurements are provided in **Table 2.2**. A historical water table elevation database is provided in **Appendix C-1** and historical hydrographs for the extraction wells and piezometers are provided in **Appendix C-2**.

2.4 NAPL MONITORING OF EXTRACTION WELLS AND PIEZOMETERS

On behalf of BMS, GES prepared the “Work Plan for NAPL Monitoring of Extraction Wells and Piezometers” in response to the NYSDEC letter dated June 12, 2012 (2nd Semi-Annual Periodic Review Report for 2011) and the NYSDEC meeting held on July 24, 2012 attended by GES and de maximis, inc. The request for an investigation was initiated by the NYSDEC as a result of work completed by NFG in August and September 2011 to stabilize the bank of Scajaquada Creek. The NYSDEC provided written approval of the Work Plan in a letter dated July 31, 2012.

The scope of work included the gauging of six extraction wells (EW-3 through EW-8), six piezometers (P-1 through P-6), and eight semi-annual groundwater monitoring wells (B-3, B-6, B-7, B-8, MW-F2, MW-F3, MW-F4, and PS-1) to determine the presence of LNAPL and/or DNAPL. In addition, the extraction wells will be developed in an effort to maximize well yield. The depth of the pump intake for each extraction well will be verified and adjusted accordingly based on the gauging data collected. Following well development, GES will continue to gauge each extraction well for the presence of NAPL on a monthly basis. The pump intake depths will continue to be adjusted based on the data collected.

Following the initial gauge and bail, if necessary, the piezometers, extraction wells, and groundwater monitoring wells will be gauged for NAPL on a monthly basis for a period of 12 months, to ensure a full cycle of seasonal variations. If a measurable amount of NAPL accumulates in any of the piezometers or sentinel groundwater monitoring wells (B-3, B-6, B-7, B-8, MW-F4, and PS-1) during the 12 month period, GES will recover the NAPL as indicated above and provide a separate Work Plan for the investigation of NAPL accumulation.

If at the end of the 12 month period there is no accumulation of NAPL in any piezometer or sentinel groundwater monitoring well, GES and Bristol-Myers will conclude that the NYSDEC will not require additional investigative work. However, GES would reduce the frequency and incorporate quarterly NAPL gauging into the routine O&M site visits.

GES began monthly NAPL gauging of the piezometers, extraction wells, and groundwater monitoring wells in September 2012. The monthly NAPL Gauging Sheet is provided in **Appendix D** and results are discussed in **Section 3**.

2.5 SITE MAINTENANCE

In order to maintain optimal treatment system operation, scheduled maintenance activities were completed during the reporting period on various components of the groundwater treatment system (**Table 2.3**).

In addition to maintenance of the groundwater treatment system, GES is responsible for maintenance of the cap. During this reporting period, inspections were conducted on February 1 and May 21, 2012. The formal cap inspection with the NYSDEC was conducted on May 21, 2012. No problems were noted in regards to vegetative/asphalt cover, settlement, erosion, or drainage controls during the February and May 2012 inspections. The 2012 Quarterly Cap Inspection Report is provided in **Table 2.4**.

2.6 GROUNDWATER TREATMENT SYSTEM OPERATION & MAINTENANCE

In accordance with the wastewater treatment system discharge permit for the site, monthly treatment system samples are collected for laboratory analyses. Monthly analyses include pH, total mercury, total zinc, total cyanide, VOCs via USEPA Method 624, and semi-volatile organic compounds (SVOCs) via USEPA Method 625. Treatment system analytical results from January through June 2012 are discussed in **Section 3**. The monthly analytical data packages are provided in **Appendix E**. Historical analytical data, since 2005, is provided in **Appendix F-1** and a copy of the discharge permit for the site is provided in **Appendix F-2**. The discharge permit was set to expire on June 30, 2012. GES submitted the renewal permit application to the Buffalo Sewer Authority in early June 2012 however the renewed permit has not been received. GES spoke with Leslie Sedita of the Buffalo Sewer Authority who indicated that there was a backlog of work due to the recent retirement of our site regulator (James Overholt) and we are approved to continue discharging in accordance with the expired permit.

2.7 SCAJAQUADA CREEK AND SHEET PILE WALL MONTHLY INSPECTIONS

At the request of the NYSDEC, NFG was on-site during the months of August and September, 2011 to stabilize the bank of Scajaquada Creek. On September 8, 2011, the NYSDEC was notified by NFG that NAPL was seeping through a lifting hole in the sheet pile wall. In response, NFG cleaned out the area behind the wall in the area of the lifting hole and filled the void with hydraulic cement.

As a result of the NFG bank work, the sheet pile wall is to some extent accessible for visual inspection. During the meeting with the NYSDEC on July 24, 2012, referenced in **Section 2.4**, GES discussed completion of routine monthly inspections of the sheet pile wall, depending on weather/safety conditions, to aid in identifying any possible future deficiencies. If a deficiency is identified (i.e. NAPL seepage from the wall), GES would notify the NYSDEC immediately.

GES was able to safely descend down the side of the bank to Creek level during the months of August and September 2012. The Monthly Scajaquada Creek and Sheet Pile Wall Inspection Reports are provided in **Appendix G** and observations during those inspections are discussed in **Section 3**.

2.8 WASTE DISPOSAL

On April 11, 2012, one 55-gallon drum containing PPE/miscellaneous debris, two 55-gallon drums containing NAPL that is drained from the oil/water separator on a weekly basis and liquid/sludge from the annual system cleaning, and two spent 55-gallon carbon drums were picked up by Clean Harbors Environmental Services, Inc. of East Syracuse, New York and transported to the Clean Harbors El Dorado LLC facility in El Dorado, Arkansas. A copy of the hazardous waste manifest is provided in **Appendix H**.

Table 2.1
Institutional and Engineering Controls Summary

Controls	Description	Monitoring Program	Monitoring Frequency	Deficiencies	Corrective Measures
Land Use Restriction	The property cannot be used for purposes other than industrial operations.	Monitored during routine site visits and cap inspections.	Weekly and Quarterly	None Noted	NA
Monitoring Plan	A long-term monitoring program was instituted since hazardous waste remains untreated on site. The program monitors the effectiveness of the remedy and allows for evaluation of the need for continued groundwater containment and treatment.	Water level measurements of monitoring wells, extraction wells, and the piezometers.	Quarterly water level measurements and Semi-Annual groundwater sampling.	None Noted	NA
O&M Plan	The O&M program includes post-remedial construction activities that will be conducted to ensure the effectiveness of the groundwater treatment system. The program describes groundwater monitoring, cover and drainage system inspections, and reporting requirements.	Monitored during routine site visits.	O&M Plan and SOPs are reviewed/updated annually.	None Noted	NA
Cover System	A physical cap was installed on the entire site. This barrier consists of either an impervious clay cap covered by either vegetation or gravel, as asphalt parking areas, or by the presence of existing buildings.	Monitored during routine site visits and cap inspections.	Weekly and Quarterly	None Noted	NA
Fencing/Access Control	Adequate fencing/access control is necessary to prohibit entrance to the site by the general public.	Site contains perimeter fencing and 24-hr security monitoring. Monitored during routine site visits and cap inspections.	Weekly and Quarterly	None Noted	NA
Groundwater Containment	The groundwater extraction system is operating to maintain an inward flow of groundwater in order to prevent off-site migration of contaminated groundwater.	Monitored by routine gauging of piezometers, extraction wells, and Scajaquada Creek.	Quarterly	None Noted	NA
Leachate Collection	Leachate collection is accomplished by a series of extraction wells to control the migration of groundwater and to prevent the discharge of contaminated water to Scajaquada Creek.	Monitored by routine gauging of piezometers and extraction wells and routine gauging and sampling of monitoring wells.	Quarterly gauging and Semi-Annual sampling	None Noted	NA

Table 2.1
Institutional and Engineering Controls Summary

Controls	Description	Monitoring Program	Monitoring Frequency	Deficiencies	Corrective Measures
Groundwater Treatment System	The contaminated groundwater produced from the extraction system is treated through the use of an oil/water separator, cartridge filters, and granular activated carbon vessels prior to discharge to the sewer system.	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
Subsurface Barriers	A vertical sheet piling wall was installed at the crest of the Scajaquada Creek bank in order to control the hydraulic gradient and eliminate the potential for migration of contaminated groundwater from the site to the environment. The sheet piling wall was installed and is maintained by National Fuel Gas.	The Scajaquada Creek bank is monitored during routine site visits for signs of groundwater seepage or rodent activity. GES and Bristol-Myers recommended routine monthly inspections of the sheet pile wall, depending on weather/safety conditions, to aid in identifying any possible future deficiencies.	Monthly	None Noted	NA

Table 2.2
2012 Quarterly Water Level Measurements

WELL NAME	WELL SIZE	1Q2012	2Q2012
		2/1/12	6/8/12
		DTW (BTOC)	DTW (BTOC)
EW-3	8"	20.51	19.96
EW-4	8"	24.03	23.86
EW-5	8"	23.85	23.87
EW-6	8"	22.69	23.58
EW-7	8"	22.35	21.65
EW-8	8"	24.10	24.50
P-1	2"	14.14	14.26
P-2	2"	16.68	16.98
P-3	2"	20.21	20.94
P-4	2"	20.81	21.57
P-5	2"	17.55	17.94
P-6	2"	18.61	20.00
Creek	NA	12.50	11.65

Notes:

BTOC = below top of casing

Table 2.3
Routine Remedial System Maintenance Activities

Weekly

1. Review and complete the health and safety plan and daily site safety checklist.
2. Complete the weekly log sheet.
3. Inspect the treatment building, carbon vessels, pipes, valves, fittings and all equipment for proper working operations.
4. Perform a site walk and visual inspection of the cap, grounds and paved areas.
5. Check the compressor air dryer filter and replace as needed.
6. Drain air compressor condensate.
7. Test air dryer float drain and hose connection.
8. Drain collected NAPL from the oil/water separator and transfer to product drum for disposal.
9. Visually inspect the equalization tank level switches and clean as necessary.
10. Check the thermostats during the winter months.
11. Mow the cap during the growing seasons.

Monthly

1. Test alarm telemetry system for proper operation.
2. Visual inspection of extraction well vaults for proper operation, leaks, etc.
3. Inspect fire extinguishers.
4. Inspect eye wash station.
5. Inspection of the sheet pile wall, depending on weather/safety conditions, to aid in identifying possible deficiencies.

Quarterly

1. Perform/document cap inspection and complete the Quarterly Cap Inspection Report.
2. Test alarm telemetry system and activate all alarms and shut downs.
3. Visually inspect the air compressor v-belts and intake filters.
4. Test all pressure relief valves.
5. Switch over the transfer pump.
6. Perform a fixed fire system inspection and service, as needed.

Semi-Annually

1. Perform cap inspection with a NYSDEC representative.
2. Check all foundation bolts for tightness.

Annually

1. Clean the air dryer condenser coils.
2. Clean the internal components of the oil/water separator.
3. Clean the internal components of the equalization tank.
4. Change the air compressor lubricating oil.
5. Lubricate the air compressor motor bearings.
6. Install new flow meter.

Table 2.4
2012 Quarterly Cap Inspection Report

DUTY	1Q10 DATE/INITIAL	2Q10 DATE/INITIAL	3Q10 DATE/INITIAL	4Q10 DATE/INITIAL
Inspect clay barrier for cracks and surface channeling	02/1/12 BM	05/21/12 BM/JLS		
Repair, regrade and/or reseal any surface cracks or imperfections	02/1/12 BM	05/21/12 BM/JLS		
Inspect asphalt for physical/chemical weathering, cracks, imperfections	02/1/12 BM	05/21/12 BM/JLS		
Identify and penetration into the surface by animals and roots.	02/1/12 BM	05/21/12 BM/JLS		
Note any differential settling of cap layers.	02/1/12 BM	05/21/12 BM/JLS		

Notes:

First Quarter: No deficiencies were noted during the inspection.

Second Quarter: NYSDEC was present for inspection. No deficiencies were noted .

Third Quarter:

Fourth Quarter:

BM = Brent Miller (GES)

JLS - Jennifer Siniscalchi (GES)

SECTION 3 MONITORING SUMMARY

3.1 GROUNDWATER QUALITY

Semi-annual groundwater sampling was conducted on June 28, 2012 to assess on-site groundwater quality. Samples were collected from eight groundwater monitoring wells including B-3, B-6, B-7, B-8, MW-F2, MW-F3, MW-F4, and PS-1. The semi-annual groundwater analytical data is summarized in **Table 3.1**. The complete laboratory report is provided in **Appendix A**. Analytical data tables for all monitoring performed since 1997 are provided in **Appendix B-1**. Historical contaminant concentration trends are provided in **Appendix B-2**.

Analytical data for the June 2012 sampling event indicates BTEX concentrations remained relatively stable for all monitoring wells sampled. As historically observed, the most notable BTEX concentrations are present in B-8, MW-F2, and MW-F4. Relatively minor BTEX concentrations are present in B-3, B-6, B-7, MW-F3, and PS-1. There were no significant changes regarding BTEX concentrations when comparing the June 2012 sample results to historical results.

3.2 GROUNDWATER FLOW

As has been consistently observed, the groundwater flow direction for the site is primarily westerly, towards Scajaquada Creek. The purpose of collecting water level data is to verify that the groundwater extraction system is operating within design specifications. Specifically, the extraction system, in combination with the vertical sheet piling wall, was designed to eliminate the potential for migration of impacted groundwater from the site to the environment. To verify that an inward hydraulic gradient is maintained, quarterly water level data is collected from the extraction wells, piezometers, and Scajaquada Creek.

Hydrographs for the extraction wells and piezometers, representing the past year, are provided in **Figure 3.1** and **Figure 3.2** and the first and second quarter 2012 water level data is provided in **Table 2.2**. A historical water table elevation database is provided in **Appendix C-1** and historical hydrographs for the extraction wells and piezometers are provided in **Appendix C-2**.

According to the O&M Manual, to determine if the pumping network and rates are sufficient, water table elevations for the piezometers (except P-1) should be lower than the water elevation in Scajaquada Creek. Based on review of **Figure 3.1** and the historical hydrograph provided in **Appendix C-2**, water table elevations for piezometers P-2, P-5, and P-6 have consistently and historically been higher than the water elevation of Scajaquada Creek, with the exception of P-6 during the second quarter 2012. It should be noted that the surface area between the fence line and the sheet pile wall, encompassing piezometers P-2 through P-6, is not capped. This allows for the infiltration of surface water. Therefore, GES attributes the higher water table elevations in these piezometers to the mounding of groundwater and infiltrated surface water behind the vertical sheet piling wall. In reviewing **Figure 3.2** and the historical hydrograph for the extraction wells, water table elevations have historically remained consistent

and below the water elevation of Scajaquada Creek, indicating an inward hydraulic gradient towards the extraction wells exits.

3.3 MONTHLY NAPL GAUGING OF EXTRACTION WELLS AND PIEZOMETERS

In accordance with the NYSDEC approved “Work Plan for NAPL Monitoring of Extraction Wells and Piezometers”, GES began monthly NAPL gauging of the piezometers, extraction wells, and groundwater monitoring wells in September 2012. During the gauging event, GES recorded the depth to LNAPL, depth to water, depth to DNAPL, and total measured depth. LNAPL was identified in piezometer P-6 at a thickness of approximately 0.01 feet. DNAPL was identified in extraction wells EW-6 (0.20 feet), EW-7 (0.40 feet), and EW-8 (0.10 feet); and piezometers P-5 (0.30 feet) and P-6 (0.30 feet). The Monthly NAPL Gauging Sheet is provided in **Appendix D**.

GES attempted to recover the DNAPL in piezometers P-5 and P-6 using a stainless steel point source bailer. Approximately two gallons of DNAPL and water was recovered from P-5 and was disposed of in a 55-gallon drum. Due to the varying consistency of the DNAPL and the repeated disturbance caused by bailing, GES is unsure if all of the DNAPL from P-5 was recovered. Therefore, GES is anticipating DNAPL presence in P-5 during the October gauging event, however at a thickness less than 0.30 feet.

GES was unable to advance the stainless steel bailer down P-6 as the well casing appears to be obstructed within the top five to ten feet. During the extraction well development, tentatively scheduled for the week of October 29, 2012, GES will attempt to correct the obstruction using subcontractor tools and equipment. If the obstruction can not be corrected, GES recommends continuing with the monthly gauge of the well and noting any additional accumulation of DNAPL beyond the measured 0.30 feet observed during the September gauging event.

3.4 EFFECTIVENESS OF THE GROUNDWATER TREATMENT SYSTEM

The groundwater treatment system is routinely monitored for treatment effectiveness and to ensure that concentrations of the system discharge are within permitted discharge limits. Groundwater that is pumped from the extraction wells enters the treatment building and empties into an oil/water separator. NAPL and sludge are collected in the chambers of the separator and are manually pumped to a collection drum. The groundwater continues to flow, via gravity, from the separator into an equalization tank. From there, the groundwater is pumped through the remainder of the system, which includes two cartridge filters in parallel, two granular activated carbon vessels, and a flowmeter.

Approximately 55,022 gallons of groundwater were treated and discharged to the sewer during the reporting period. Approximately 30,701 gallons were treated and discharged during the first quarter 2012 and approximately 24,321 gallons were treated and discharged during the second quarter 2012. The volume of water discharged during the first quarter 2012 was consistent with the volume discharged during the first quarter 2011 however both were the lowest first quarter discharge volumes observed since 2004. The second quarter 2012 discharge volume was the lowest second quarter volume recorded since 2004. GES does not have historical discharge data prior to 2004. GES attributes the lower volumes of discharge for both

quarters to a combination of downtime associated with process line repairs, drier weather conditions, and the possibility of well fouling over time. The average precipitation for the first quarter 2012 was the fifth driest since 2004 (2.69 inches) and the average precipitation for the second quarter 2012 was the second driest since 2004 (2.22 inches). The six extraction wells will be cleaned/developed during the week of October 29, 2012 in an effort to maximize well yield.

The treatment system operated at approximately 95% during the first quarter and at 98% during the second quarter. The first quarter down-time was due to process line (water) repairs in the vault of extraction wells EW-7 and EW-4. The second quarter down-time was due to process line (water) repairs in the vault of extraction wells EW-5 and EW-3 and air compressor maintenance.

The NAPL and sludge that is collected in the oil/water separator is manually drained on a weekly basis and is stored in a 55-gallon drum on-site. A historical quarterly collection of NAPL graph is provided in **Figure 3.3**. Approximately three gallons of non-aqueous phase liquid (NAPL) were collected during the first quarter 2012 (January - March) and approximately five gallons of NAPL were collected during the second quarter 2012 (April - June). Based on the treatment system analytical data and the NAPL recovery for the reporting period, the system is operating as designed.

In accordance with the treatment system discharge permit for the site, monthly treatment system samples are collected for laboratory analyses, which include analyses of pH, total mercury, total zinc, total cyanide, VOCs via USEPA Method 624, and SVOCs via USEPA Method 625. Monthly analytical results for the reporting period are provided in **Table 3.2**. The monthly analytical data packages are provided in **Appendix E**. Historical analytical data, since 2005, is provided in **Appendix F-1** and a copy of the discharge permit for the site is provided in **Appendix F-2**. Monthly analytical discharge data indicates that the treatment system has been operating and discharging in accordance with the permitted discharge limits.

3.5 SCAJAQUADA CREEK AND SHEET PILE WALL INSPECTION OBSERVATIONS

In accordance with the meeting held on July 24, 2012 between the NYSDEC, GES, and de maximis, inc., GES was able to safely descend down the side of the bank to Creek level during the months of August and September 2012. The Monthly Scajaquada Creek and Sheet Pile Wall Inspection Reports are provided in **Appendix G**.

During the August 2012 inspection, water was observed leaking from two of the lifting holes in the vicinity of piezometer P-4 and from two buried lifting holes immediately south of the lifting holes that were patched by NFG. Several more lifting holes were observed to have been leaking in the past, however were not at the time of the inspection. There was no evidence of NAPL seepage from the wall or product sheen in the Creek.

During the September 2012 inspection, water was observed leaking from three of the lifting holes in the vicinity of P-4 and from the two buried lifting holes and a sheet pile seam adjacent to the patched lifting holes, in the vicinity of P-6.

Figure 3.1
Piezometer and Scajaquada Creek Hydrograph (2011-2012)

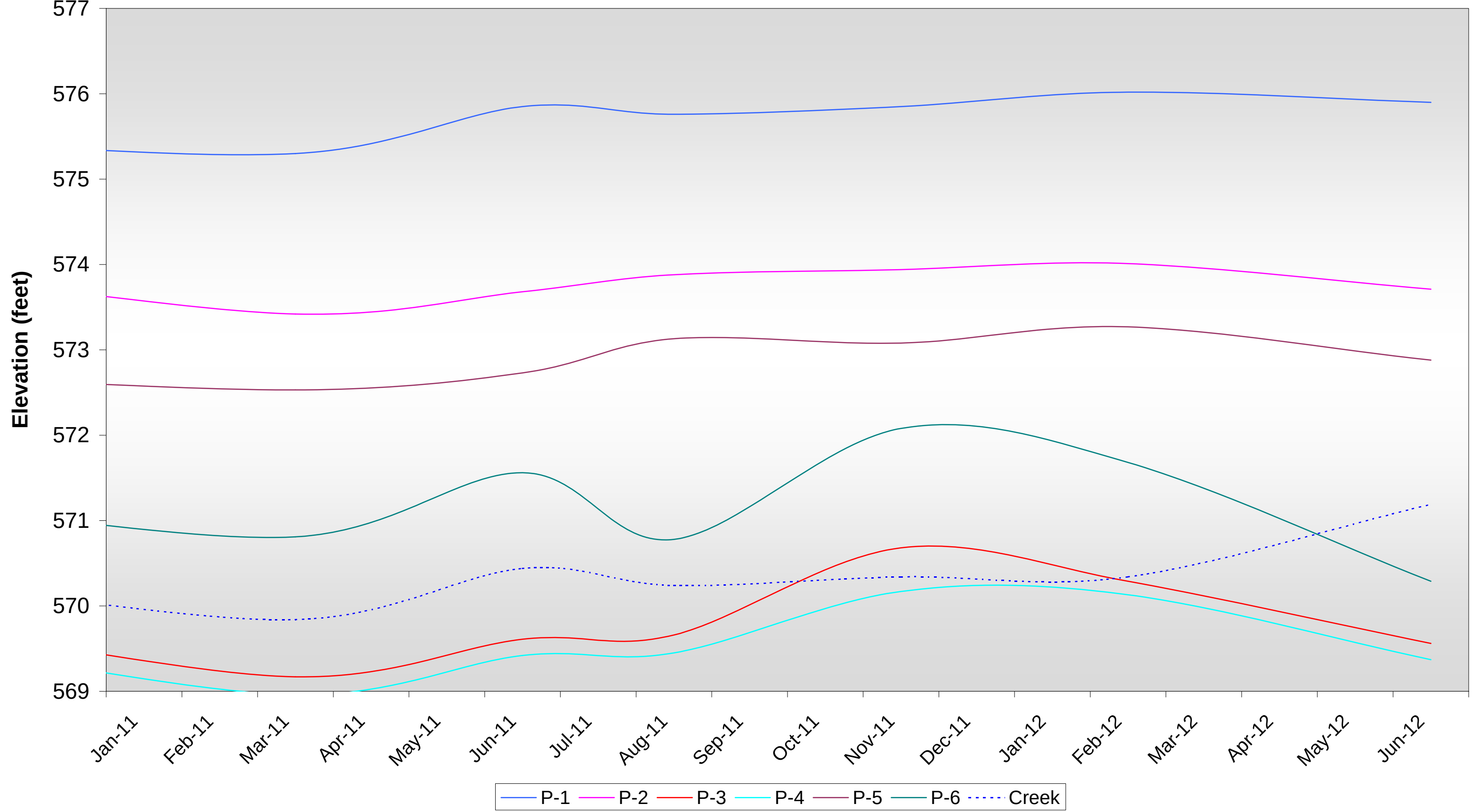


Figure 3.2
Extraction Well and Scajaquada Creek Hydrograph (2011-2012)

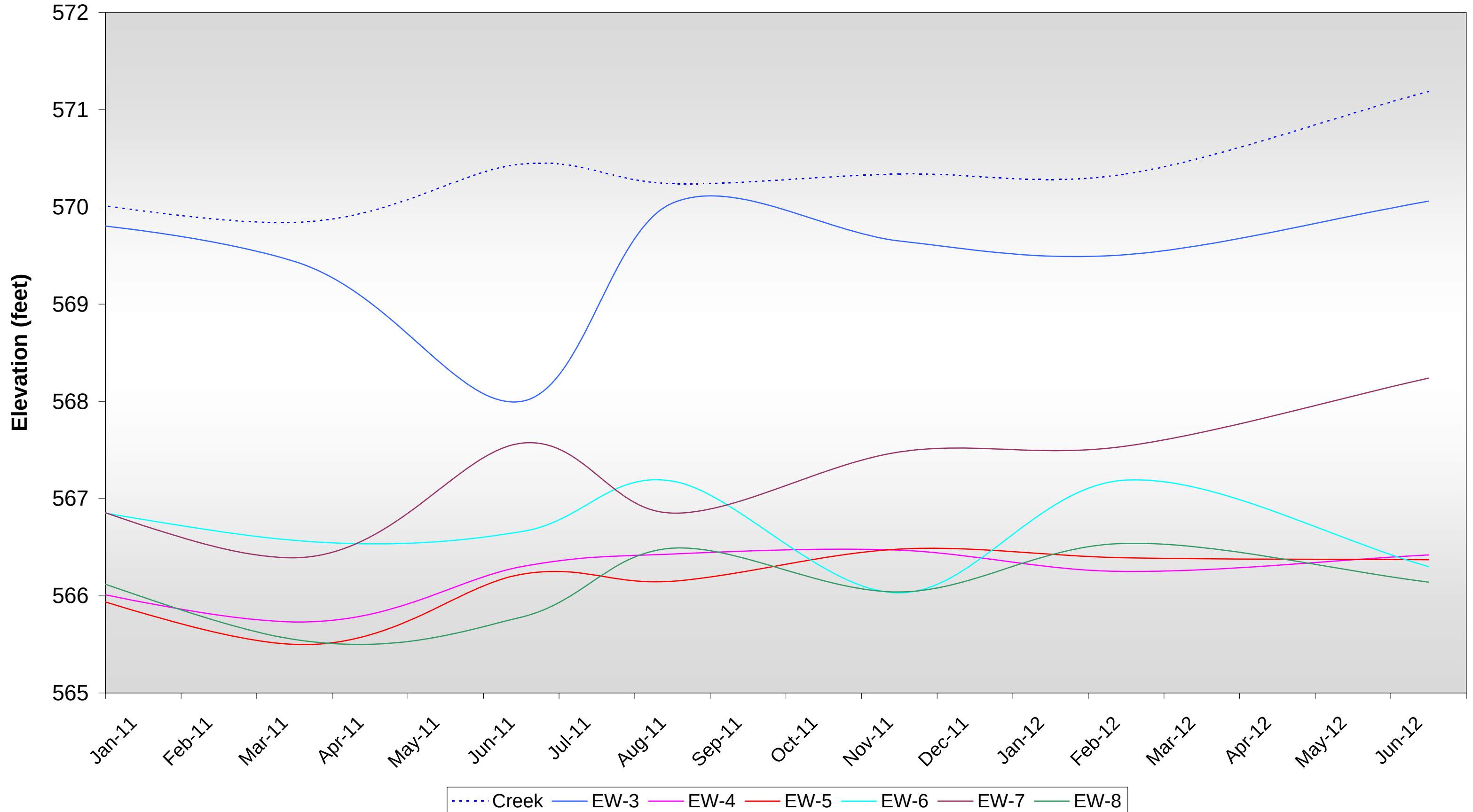
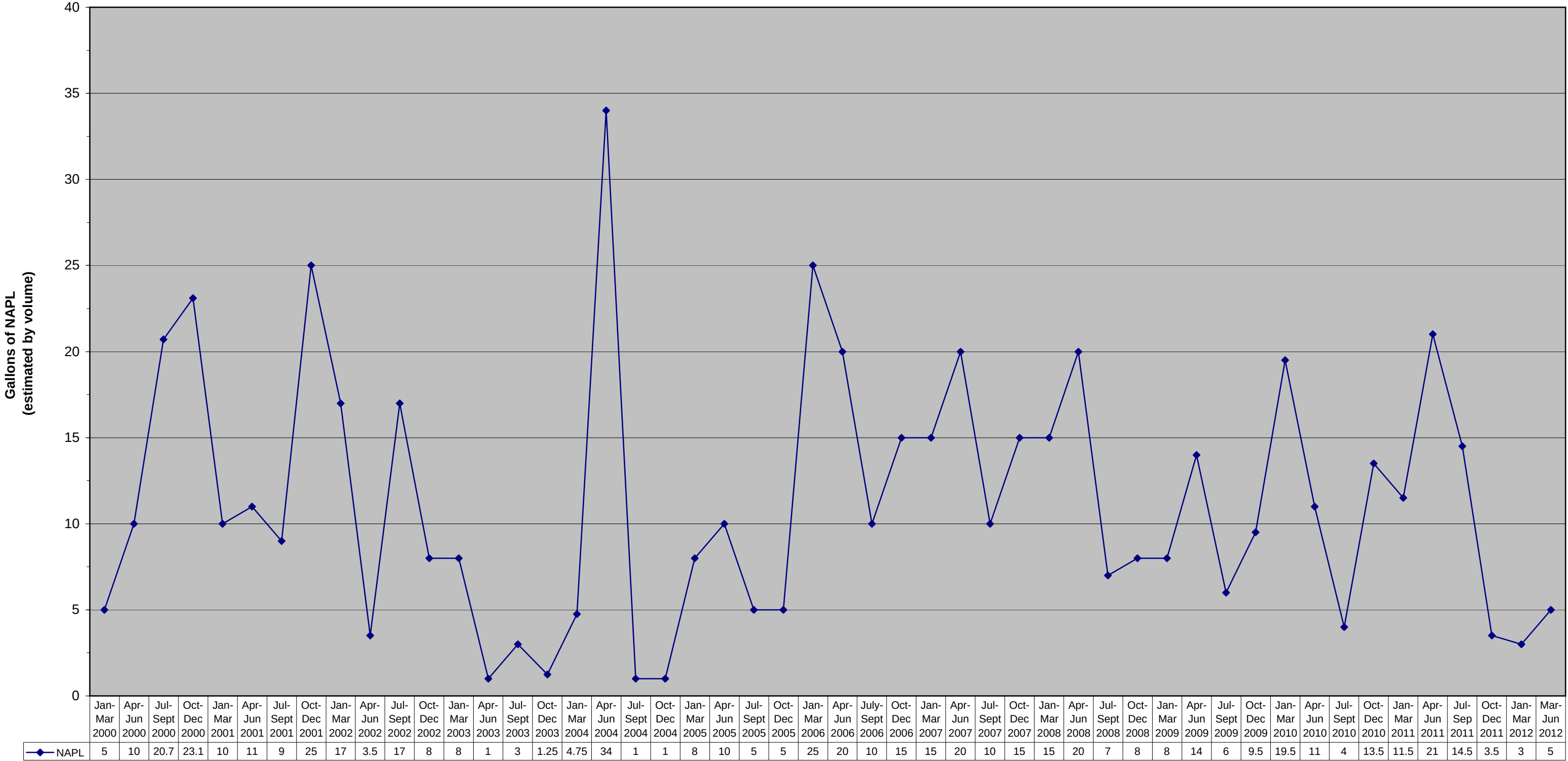


Figure 3.3
Quarterly NAPL Collection



Quarterly Timeframe

Table 3.1
Semi-Annual Groundwater Analytical Data Table

	Date	Depth to Water (ft)	pH	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m-, p- Xylene (µg/L)	o-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards				1	5	5	5	5
B-3	6/29/2011	9.51	7.31	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	9.75	7.52	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/28/2012	8.46	7.50	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
B-6	6/29/2011	18.74	8.00	0.09	0.044	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	18.21	7.83	0.11	0.067	ND<0.20	ND<0.40	ND<0.20
	6/28/2012	18.59	7.98	0.22	ND<0.20	ND<0.20	ND<0.40	ND<0.20
B-7	6/29/2011	20.12	7.44	0.22	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	19.52	7.89	0.12	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/28/2012	20.42	7.85	4.7	0.068	0.079	ND<0.40	0.11
B-8	6/29/2011	18.41	7.75	86	1.3	60	7.6	25
	12/13/2011	18.11	7.45	100	1	50	9.3	17
	6/28/2012	18.72	7.82	150	1.4	77	6.2	27
MW-F2	6/29/2011	10.11	6.84	49	10	620	600	390
	12/13/2011	9.74	6.82	81	7.3	420	420	290
	6/28/2012	9.45	6.97	36	4.5	730	570	380
MW-F3	6/29/2011	4.80	7.21	ND<2.0	ND<2.0	ND<2.0	0.18	0.29
	12/13/2011	4.92	7.22	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/28/2012	6	6.86	0.37	ND<0.20	ND<0.20	0.13	1.1
MW-F4	6/29/2011	16.26	7.82	140	4.2	180	23	83
	12/13/2011	16.47	7.78	64	2.1	84	16	54
	6/28/2012	15.96	7.77	90	2.9	120	19	73
PS-1	6/29/2011	10.16	7.54	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	11.02	7.63	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/28/2012	11.57	7.62	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20

Notes:

ft = feet

µg/L = micrograms per liter

ND = non detect (value indicates reporting limit)

Table 3.2
Treatment System Analytical Data
January - June 2012

Sampling Parameter	pH	Total Mercury	Total Zinc	Total Cyanide	Total VOCs	Total SVOCs	Total Daily Flow
Daily Maximum Limit	5.0-12.0	3.E-05 lbs	0.75 lbs	0.2 lbs	0.01 mg/L	0.01 mg/L	3,600 gallons
1/19/2012	7.2	9.4E-07	1.7E-05	1.6E-03	ND	0.0064	565
2/22/2012	7.7	4.5E-07	3.6E-06	5.5E-04	ND	0.00344	273
3/14/2012	7.0	5.4E-07	5.1E-06	5.9E-04	ND	0.00207	324
4/4/2012	7.3	2.6E-07	3.0E-06	4.0E-04	ND	0.00164	156
5/3/2012	7.4	7.5E-07	6.7E-06	1.0E-03	ND	ND	449
6/21/2012	7.8	4.3E-06	2.2E-05	6.1E-04	ND	ND	260

Notes:

Daily maximum discharge limit per Buffalo Sewer Permit requirements

BOLD values indicate concentration exceeds discharge limit

ND = Not Detected

SECTION 4

SUMMARY AND CONCLUSIONS

The operation, maintenance, and monitoring activities are conducted in order to maintain compliance with the remediation goals established for the site in the Record of Decision, dated March 1994. The primary conclusions derived from the monitoring program are summarized below:

- On-site operation, maintenance, and monitoring activities continue to be completed in accordance with the procedures outlined in the O&M Manual to ensure the effectiveness of the remedial systems in maintaining compliance with the remediation goals created for the site.
- Based on the data collected from January through June 2012 (hydrographs and NAPL collection), all aspects of the remedial system continue to operate within design specifications.
- Analytical data for the June 2012 sampling event indicates BTEX concentrations remained relatively stable for all monitoring wells sampled. Monthly analytical discharge data for the reporting period indicates that the treatment system has been operating and discharging in accordance with the permitted discharge limits.
- The treatment system discharge volumes for the first and second quarters were below average when compared to previous years. GES attributes the lower volumes of discharge for both quarters to a combination of downtime associated with process line repairs, drier weather conditions, and the possibility of well fouling over time. The six extraction wells will be cleaned/developed during the week of October 29, 2012 in an effort to maximize well yield. The treatment system operated at approximately 95% during the first quarter and at 98% during the second quarter.
- GES conducted visual inspections of the sheet pile wall in August and September 2012. Water was observed leaking from lifting holes in the vicinity of piezometer P-4 and from lifting holes immediately south of the lifting holes that were patched by NFG. Several more lifting holes were observed to have been leaking in the past, however were not at the time of the inspections. There was no evidence of NAPL seepage from the wall or product sheen in the Creek.
- GES conducted the first round of monthly gauging events in September 2012 in accordance with the NYSDEC approved "Work Plan for NAPL Monitoring of Extraction Wells and Piezometers." LNAPL was identified in piezometer P-6 at a thickness of approximately 0.01 feet. DNAPL was identified in extraction wells EW-6 (0.20 feet), EW-7 (0.40 feet), and EW-8 (0.10 feet); and piezometers P-5 (0.30 feet) and P-6 (0.30 feet). Approximately two gallons of DNAPL and water was recovered from P-5 and was disposed of in a 55-gallon drum. Due to the varying consistency of the DNAPL and the repeated disturbance caused by bailing, GES is unsure if all of the DNAPL from P-5 was recovered. GES was unable to advance the stainless steel bailer down P-6 as the well casing appears to be bent within the top five to ten feet. During the extraction well development, tentatively scheduled for the

week of October 29, 2012, GES will attempt to correct the bend using subcontractor tools and equipment.

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

APPENDIX A
June 2012 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: 480-22032-1

Client Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

For:

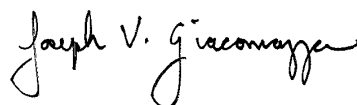
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Mr. Andrew Janik



Authorized for release by:

7/9/2012 2:42:14 PM

Joe Giacomazza

Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman

Project Manager II

sally.hoffman@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: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Qualifiers

GC VOA

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

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Job ID: 480-22032-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-22032-1

Receipt

The samples were received on 6/29/2012 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.7° C and 2.8° C.

GC/MS VOA

No analytical or quality issues were noted.

GC VOA

Method 8021B: The following samples were diluted due to the abundance of target analytes: B-8 (480-22032-4), MW-F2 (480-22032-6), MW-F4 (480-22032-8). Elevated reporting limits (RLs) are provided.

Method 8021B: The matrix spike duplicate (MSD) recoveries for batch 70761 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

Method 9040B: The following samples were prepared and/or analyzed outside the method defined holding time because the request for the test was made after the holding time for the sample expired: B-3 (480-22032-1), B-6 (480-22032-2), B-7 (480-22032-3), B-8 (480-22032-4), FIELD BLANK (480-22032-9), FIELD DUP (480-22032-10), MW-F2 (480-22032-6), MW-F3 (480-22032-7), MW-F4 (480-22032-8), PS-1 (480-22032-5).

No other analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: B-3

Lab Sample ID: 480-22032-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.50	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: B-6

Lab Sample ID: 480-22032-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.22		0.20	0.023	ug/L	1		8021B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.98	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: B-7

Lab Sample ID: 480-22032-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.7		0.20	0.023	ug/L	1		8021B	Total/NA
Toluene	0.068	J	0.20	0.036	ug/L	1		8021B	Total/NA
Ethylbenzene	0.079	J	0.20	0.029	ug/L	1		8021B	Total/NA
o-Xylene	0.11	J	0.20	0.027	ug/L	1		8021B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.85	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: B-8

Lab Sample ID: 480-22032-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	150		2.0	0.23	ug/L	10		8021B	Total/NA
Toluene	1.4	J	2.0	0.36	ug/L	10		8021B	Total/NA
Ethylbenzene	77		2.0	0.29	ug/L	10		8021B	Total/NA
m,p-Xylene	6.2		4.0	0.54	ug/L	10		8021B	Total/NA
o-Xylene	27		2.0	0.27	ug/L	10		8021B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.82	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: PS-1

Lab Sample ID: 480-22032-5

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.62	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: MW-F2

Lab Sample ID: 480-22032-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	36		10	1.2	ug/L	50		8021B	Total/NA
Toluene	4.5	J	10	1.8	ug/L	50		8021B	Total/NA
Ethylbenzene	730		10	1.4	ug/L	50		8021B	Total/NA
m,p-Xylene	570		20	2.7	ug/L	50		8021B	Total/NA
o-Xylene	380		10	1.4	ug/L	50		8021B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	6.97	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: MW-F3

Lab Sample ID: 480-22032-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.37		0.20	0.023	ug/L	1		8021B	Total/NA
m,p-Xylene	0.13	J	0.40	0.054	ug/L	1		8021B	Total/NA
o-Xylene	1.1		0.20	0.027	ug/L	1		8021B	Total/NA

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: MW-F3 (Continued)

Lab Sample ID: 480-22032-7

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	6.86	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: MW-F4

Lab Sample ID: 480-22032-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	90		2.0	0.23	ug/L	10		8021B	Total/NA
Toluene	2.9		2.0	0.36	ug/L	10		8021B	Total/NA
Ethylbenzene	120		2.0	0.29	ug/L	10		8021B	Total/NA
m,p-Xylene	19		4.0	0.54	ug/L	10		8021B	Total/NA
o-Xylene	73		2.0	0.27	ug/L	10		8021B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.77	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: FIELD BLANK

Lab Sample ID: 480-22032-9

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.23	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: FIELD DUP

Lab Sample ID: 480-22032-10

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.53	H	0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-22032-11

No Detections

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: B-3

Date Collected: 06/28/12 15:30

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-1

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20	0.023	ug/L			07/02/12 11:23	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 11:23	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 11:23	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 11:23	1
o-Xylene	ND		0.20	0.027	ug/L			07/02/12 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	97		63 - 132		07/02/12 11:23	1
4-Bromofluorobenzene	94		64 - 128		07/02/12 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.50	H	0.100	0.100	SU			06/29/12 21:48	1

Client Sample ID: B-6

Date Collected: 06/28/12 14:30

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-2

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.22		0.20	0.023	ug/L			07/02/12 12:26	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 12:26	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 12:26	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 12:26	1
o-Xylene	ND		0.20	0.027	ug/L			07/02/12 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	85		63 - 132		07/02/12 12:26	1
4-Bromofluorobenzene	82		64 - 128		07/02/12 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.98	H	0.100	0.100	SU			06/29/12 21:59	1

Client Sample ID: B-7

Date Collected: 06/28/12 14:40

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.7		0.20	0.023	ug/L			07/02/12 13:30	1
Toluene	0.068	J	0.20	0.036	ug/L			07/02/12 13:30	1
Ethylbenzene	0.079	J	0.20	0.029	ug/L			07/02/12 13:30	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 13:30	1
o-Xylene	0.11	J	0.20	0.027	ug/L			07/02/12 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	99		63 - 132		07/02/12 13:30	1
4-Bromofluorobenzene	99		64 - 128		07/02/12 13:30	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.85	H	0.100	0.100	SU			06/29/12 22:03	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: B-8

Date Collected: 06/28/12 14:50

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-4

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	150		2.0	0.23	ug/L			07/02/12 15:00	10
Toluene	1.4	J	2.0	0.36	ug/L			07/02/12 15:00	10
Ethylbenzene	77		2.0	0.29	ug/L			07/02/12 15:00	10
m,p-Xylene	6.2		4.0	0.54	ug/L			07/02/12 15:00	10
o-Xylene	27		2.0	0.27	ug/L			07/02/12 15:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	96		63 - 132					07/02/12 15:00	10
4-Bromofluorobenzene	94		64 - 128					07/02/12 15:00	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.82	H	0.100	0.100	SU			06/29/12 22:06	1

Client Sample ID: PS-1

Date Collected: 06/28/12 15:40

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-5

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20	0.023	ug/L			07/02/12 16:29	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 16:29	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 16:29	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 16:29	1
o-Xylene	ND		0.20	0.027	ug/L			07/02/12 16:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	97		63 - 132					07/02/12 16:29	1
4-Bromofluorobenzene	95		64 - 128					07/02/12 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.62	H	0.100	0.100	SU			06/29/12 22:10	1

Client Sample ID: MW-F2

Date Collected: 06/28/12 15:00

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-6

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	36		10	1.2	ug/L			07/02/12 17:55	50
Toluene	4.5	J	10	1.8	ug/L			07/02/12 17:55	50
Ethylbenzene	730		10	1.4	ug/L			07/02/12 17:55	50
m,p-Xylene	570		20	2.7	ug/L			07/02/12 17:55	50
o-Xylene	380		10	1.4	ug/L			07/02/12 17:55	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	98		63 - 132					07/02/12 17:55	50
4-Bromofluorobenzene	97		64 - 128					07/02/12 17:55	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.97	H	0.100	0.100	SU			06/29/12 22:14	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: MW-F3

Date Collected: 06/28/12 15:10

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-7

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.37		0.20	0.023	ug/L			07/02/12 19:02	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 19:02	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 19:02	1
m,p-Xylene	0.13	J	0.40	0.054	ug/L			07/02/12 19:02	1
o-Xylene	1.1		0.20	0.027	ug/L			07/02/12 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	99		63 - 132		07/02/12 19:02	1
4-Bromofluorobenzene	97		64 - 128		07/02/12 19:02	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.86	H	0.100	0.100	SU			06/29/12 22:17	1

Client Sample ID: MW-F4

Date Collected: 06/28/12 15:20

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-8

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	90		2.0	0.23	ug/L			07/02/12 19:53	10
Toluene	2.9		2.0	0.36	ug/L			07/02/12 19:53	10
Ethylbenzene	120		2.0	0.29	ug/L			07/02/12 19:53	10
m,p-Xylene	19		4.0	0.54	ug/L			07/02/12 19:53	10
o-Xylene	73		2.0	0.27	ug/L			07/02/12 19:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	97		63 - 132		07/02/12 19:53	10
4-Bromofluorobenzene	94		64 - 128		07/02/12 19:53	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.77	H	0.100	0.100	SU			06/29/12 22:21	1

Client Sample ID: FIELD BLANK

Date Collected: 06/28/12 15:00

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-9

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20	0.023	ug/L			07/02/12 22:12	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 22:12	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 22:12	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 22:12	1
o-Xylene	ND		0.20	0.027	ug/L			07/02/12 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	88		63 - 132		07/02/12 22:12	1
4-Bromofluorobenzene	86		64 - 128		07/02/12 22:12	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.23	H	0.100	0.100	SU			06/29/12 22:25	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: FIELD DUP

Date Collected: 06/28/12 15:30

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-10

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20	0.023	ug/L			07/02/12 22:57	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 22:57	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 22:57	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 22:57	1
o-Xylene	ND		0.20	0.027	ug/L			07/02/12 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	98		63 - 132					07/02/12 22:57	1
4-Bromofluorobenzene	96		64 - 128					07/02/12 22:57	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.53	H	0.100	0.100	SU			06/29/12 22:28	1

Client Sample ID: TRIP BLANK

Date Collected: 06/28/12 00:00

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-11

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20	0.023	ug/L			07/02/12 21:26	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 21:26	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 21:26	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 21:26	1
o-Xylene	ND		0.20	0.027	ug/L			07/02/12 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	96		63 - 132					07/02/12 21:26	1
4-Bromofluorobenzene	94		64 - 128					07/02/12 21:26	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TFT1 (63-132)	BFB1 (64-128)
480-22032-1	B-3	97	94
480-22032-2	B-6	85	82
480-22032-2 MS	B-6	82	80
480-22032-2 MSD	B-6	98	95
480-22032-3	B-7	99	99
480-22032-4	B-8	96	94
480-22032-5	PS-1	97	95
480-22032-6	MW-F2	98	97
480-22032-7	MW-F3	99	97
480-22032-8	MW-F4	97	94
480-22032-9	FIELD BLANK	88	86
480-22032-10	FIELD DUP	98	96
480-22032-11	TRIP BLANK	96	94
MB 480-70761/3	Method Blank	92	90

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

BFB = 4-Bromofluorobenzene

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 480-70761/3

Matrix: Water

Analysis Batch: 70761

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20	0.023	ug/L			07/02/12 09:35	1
Toluene	ND		0.20	0.036	ug/L			07/02/12 09:35	1
Ethylbenzene	ND		0.20	0.029	ug/L			07/02/12 09:35	1
m,p-Xylene	ND		0.40	0.054	ug/L			07/02/12 09:35	1
o-Xylene	ND		0.20	0.027	ug/L			07/02/12 09:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	92		63 - 132		07/02/12 09:35	1
4-Bromofluorobenzene	90		64 - 128		07/02/12 09:35	1

Lab Sample ID: LCS 480-70761/4

Matrix: Water

Analysis Batch: 70761

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	4.00	4.34		ug/L		109	72 - 127
Toluene	4.00	4.39		ug/L		110	73 - 126
Ethylbenzene	4.00	4.40		ug/L		110	73 - 126
m,p-Xylene	8.00	9.07		ug/L		113	74 - 135
o-Xylene	4.00	4.38		ug/L		110	73 - 127

Lab Sample ID: 480-22032-2 MS

Matrix: Water

Analysis Batch: 70761

Client Sample ID: B-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.22		9.09	8.59		ug/L		92	77 - 120
Toluene	ND		9.09	8.13		ug/L		89	78 - 120
Ethylbenzene	ND		9.09	7.88		ug/L		87	79 - 120
m,p-Xylene	ND		18.2	16.0		ug/L		88	26 - 150
o-Xylene	ND		9.09	7.91		ug/L		87	77 - 121

Surrogate	MS %Recovery	MS Qualifier	Limits
a,a,a-Trifluorotoluene	82		63 - 132
4-Bromofluorobenzene	80		64 - 128

Lab Sample ID: 480-22032-2 MSD

Matrix: Water

Analysis Batch: 70761

Client Sample ID: B-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.22		9.09	7.26		ug/L		77	77 - 120	17	30
Toluene	ND		9.09	7.14		ug/L		79	78 - 120	13	30
Ethylbenzene	ND		9.09	7.08	F	ug/L		78	79 - 120	11	30
m,p-Xylene	ND		18.2	14.4		ug/L		79	26 - 150	11	30
o-Xylene	ND		9.09	7.06		ug/L		78	77 - 121	11	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
a,a,a-Trifluorotoluene	98		63 - 132

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 480-22032-2 MSD

Matrix: Water

Analysis Batch: 70761

Client Sample ID: B-6

Prep Type: Total/NA

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		64 - 128

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

GC VOA

Analysis Batch: 70761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-22032-1	B-3	Total/NA	Water	8021B	
480-22032-2	B-6	Total/NA	Water	8021B	
480-22032-2 MS	B-6	Total/NA	Water	8021B	
480-22032-2 MSD	B-6	Total/NA	Water	8021B	
480-22032-3	B-7	Total/NA	Water	8021B	
480-22032-4	B-8	Total/NA	Water	8021B	
480-22032-5	PS-1	Total/NA	Water	8021B	
480-22032-6	MW-F2	Total/NA	Water	8021B	
480-22032-7	MW-F3	Total/NA	Water	8021B	
480-22032-8	MW-F4	Total/NA	Water	8021B	
480-22032-9	FIELD BLANK	Total/NA	Water	8021B	
480-22032-10	FIELD DUP	Total/NA	Water	8021B	
480-22032-11	TRIP BLANK	Total/NA	Water	8021B	
LCS 480-70761/4	Lab Control Sample	Total/NA	Water	8021B	
MB 480-70761/3	Method Blank	Total/NA	Water	8021B	

General Chemistry

Analysis Batch: 70670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-22032-1	B-3	Total/NA	Water	9040B	
480-22032-2	B-6	Total/NA	Water	9040B	
480-22032-3	B-7	Total/NA	Water	9040B	
480-22032-4	B-8	Total/NA	Water	9040B	
480-22032-5	PS-1	Total/NA	Water	9040B	
480-22032-6	MW-F2	Total/NA	Water	9040B	
480-22032-7	MW-F3	Total/NA	Water	9040B	
480-22032-8	MW-F4	Total/NA	Water	9040B	
480-22032-9	FIELD BLANK	Total/NA	Water	9040B	
480-22032-10	FIELD DUP	Total/NA	Water	9040B	
LCS 480-70670/1	Lab Control Sample	Total/NA	Water	9040B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: B-3

Date Collected: 06/28/12 15:30

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 11:23	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 21:48	KS	TAL BUF

Client Sample ID: B-6

Date Collected: 06/28/12 14:30

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 12:26	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 21:59	KS	TAL BUF

Client Sample ID: B-7

Date Collected: 06/28/12 14:40

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 13:30	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:03	KS	TAL BUF

Client Sample ID: B-8

Date Collected: 06/28/12 14:50

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		10	70761	07/02/12 15:00	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:06	KS	TAL BUF

Client Sample ID: PS-1

Date Collected: 06/28/12 15:40

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 16:29	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:10	KS	TAL BUF

Client Sample ID: MW-F2

Date Collected: 06/28/12 15:00

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		50	70761	07/02/12 17:55	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:14	KS	TAL BUF

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Client Sample ID: MW-F3

Date Collected: 06/28/12 15:10

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 19:02	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:17	KS	TAL BUF

Client Sample ID: MW-F4

Date Collected: 06/28/12 15:20

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		10	70761	07/02/12 19:53	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:21	KS	TAL BUF

Client Sample ID: FIELD BLANK

Date Collected: 06/28/12 15:00

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 22:12	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:25	KS	TAL BUF

Client Sample ID: FIELD DUP

Date Collected: 06/28/12 15:30

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 22:57	LW	TAL BUF
Total/NA	Analysis	9040B		1	70670	06/29/12 22:28	KS	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 06/28/12 00:00

Date Received: 06/29/12 10:15

Lab Sample ID: 480-22032-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	70761	07/02/12 21:26	LW	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: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY00044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	2973
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-11-2
TestAmerica Buffalo	USDA	Federal		P330-11-00386
TestAmerica Buffalo	Virginia	NELAC	3	460185
TestAmerica Buffalo	Washington	State Program	10	C784
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	TAL BUF
9040B	pH	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: Iroquois Gas/Westwood Pharm. Semi Ann

TestAmerica Job ID: 480-22032-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-22032-1	B-3	Water	06/28/12 15:30	06/29/12 10:15
480-22032-2	B-6	Water	06/28/12 14:30	06/29/12 10:15
480-22032-3	B-7	Water	06/28/12 14:40	06/29/12 10:15
480-22032-4	B-8	Water	06/28/12 14:50	06/29/12 10:15
480-22032-5	PS-1	Water	06/28/12 15:40	06/29/12 10:15
480-22032-6	MW-F2	Water	06/28/12 15:00	06/29/12 10:15
480-22032-7	MW-F3	Water	06/28/12 15:10	06/29/12 10:15
480-22032-8	MW-F4	Water	06/28/12 15:20	06/29/12 10:15
480-22032-9	FIELD BLANK	Water	06/28/12 15:00	06/29/12 10:15
480-22032-10	FIELD DUP	Water	06/28/12 15:30	06/29/12 10:15
480-22032-11	TRIP BLANK	Water	06/28/12 00:00	06/29/12 10:15

TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Michelle Naber Company: Groundwater & Environmental Services Inc Address: 158 Sonwil Drive City: Cheektowaga State: NY, 14225 Phone: 484-325-0280 (Tel) Email: mnaber@gesonline.com Project Name: Iroquois Gas/Westwood Pharm. Semi Ann Site:		Sample: <u>SEN SWISSALCHI</u> Lab PM: Hoffmann, Sally Phone: <u>484-645-1358</u> E-Mail: sally.hoffman@testamericainc.com		Carrier Tracking No(s): COC No: 480-21573-5465.1 Page: Page 1 of 2 Job #:																																																																																					
Due Date Requested: <u>STD</u> TAT Requested (days): <u>STD</u> PO #: 901470 WO #: Project #: 48002941 SSOW#:		Analysis Requested <table border="1"> <tr> <th>Sample Identification</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=Comp, G=Grab)</th> <th>Matrix (W=Water, S=Sediment, O=Other)</th> <th>Preservation Code</th> <th>Special Instructions/Note</th> </tr> <tr> <td>B-3</td> <td>6/28</td> <td>1530</td> <td>G</td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>B-6</td> <td></td> <td>1430</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>B-7</td> <td></td> <td>1440</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>B-8</td> <td></td> <td>1450</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>PS-1</td> <td></td> <td>1540</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>MW-F2</td> <td></td> <td>1500</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>MW-F3</td> <td></td> <td>1510</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>MW-F4</td> <td></td> <td>1520</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>Field Blank</td> <td></td> <td>1500</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>Field DUP</td> <td></td> <td>1530</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> <tr> <td>MS</td> <td></td> <td>1430</td> <td></td> <td>Water</td> <td></td> <td></td> </tr> </table>				Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Sediment, O=Other)	Preservation Code	Special Instructions/Note	B-3	6/28	1530	G	Water			B-6		1430		Water			B-7		1440		Water			B-8		1450		Water			PS-1		1540		Water			MW-F2		1500		Water			MW-F3		1510		Water			MW-F4		1520		Water			Field Blank		1500		Water			Field DUP		1530		Water			MS		1430		Water		
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Sediment, O=Other)	Preservation Code	Special Instructions/Note																																																																																			
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MS		1430		Water																																																																																					
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		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:																																																																																							
Empty Kit Relinquished by: Relinquished by: <u>Sen Swissalchi</u> Relinquished by: <u>Sen Swissalchi</u> Relinquished by: <u>Sen Swissalchi</u>		Method of Shipment: Date/Time: <u>6/29/12 9:55</u> Date/Time: <u>6/29/12 10:15</u> Date/Time: <u>6/29/12 10:15</u> Company: <u>Sen Swissalchi</u> Company: <u>Sen Swissalchi</u> Company: <u>Sen Swissalchi</u>																																																																																							
Custody Seal No.: <u>28</u> A Yes Δ No		Other Temperature(s) °C and Other Remarks: <u>1.7</u>																																																																																							

Chain of Custody Record

Client Information Client Contact: Michelle Naber Company: Groundwater & Environmental Services Inc Address: 158 Somwil Drive City: Cheektowaga State, Zip: NY, 14225 Phone: 484-325-0260(Tel) Email: mnaber@gesonline.com Project Name: Iroquois Gas/Westwood Pharm. Semi Ann Site:		Lab PM: Hoffman, Sally E-Mail: sally.hoffman@testamericainc.com Carrier Tracking No(s): Job #:		COC No: 480-21573-5465.2 Page 2 of 2	
Due Date Requested: STD TAT Requested (days): STD PO #: 901470 WO #: 48002941 Project #: 48002941 SSOW#:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - Ashao2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)			
Sample Identification MSD Trip Blank		Sample Date 6/28 Sample Time 1430 Sample Type G Matrix Water		Special Instructions/Note: Lab prepared	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		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:			
Empty Kit Relinquished by: Jay Byrn Relinquished by: Jay Byrn Relinquished by: Jay Byrn		Date/Time: 6/25/12 10:13 Date/Time: 6/25/12 10:13 Date/Time: 6/25/12 10:13		Date/Time: 6/25/12 9:55 Date/Time: 6/25/12 10:15 Date/Time: 6/25/12 10:15	
Custody Seals Intact: ☒ Yes ☐ No Custody Seal No: 28		Cool Temp (Temp(s) °C and Other Remarks: 28			

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-22032-1

Login Number: 22032

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

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

APPENDIX B-1
Historical Groundwater Analytical Data

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well B-3					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
May-98	0.07	1.0	1.3	2.8	1.7
Sep-98	1.3	1.0	1.3	2.8	1.7
Jul-99	ND	ND	ND	ND	ND
Dec-99	ND	ND	ND	ND	ND
Apr-00	ND	ND	ND	ND	ND
Sep-00	ND	ND	ND	ND	ND
May-01	ND	ND	ND	ND	ND
Nov-01	ND	ND	ND	ND	ND
Apr-02	ND	ND	ND	ND	ND
Oct-02	ND	ND	ND	ND	ND
May-03	ND	ND	ND	ND	ND
Oct-03	ND	ND	ND	ND	ND
May-04	ND	0.8	0.7	ND	ND
Nov-04	0.6	0.6	ND	ND	ND
May-05	ND	ND	ND	ND	ND
Nov-05	ND	0.27	ND	0.31	ND
May-06	ND	ND	ND	ND	ND
Nov-06	ND	ND	ND	ND	ND
Jun-07	ND	ND	ND	ND	ND
Nov-07	ND	ND	ND	ND	ND
Jun-08	ND	ND	ND	ND	ND
Nov-08	ND	ND	ND	ND	ND
Jul-09	0.48	1.2	1.2	1.8	0.95
Dec-09	ND	ND	ND	ND	ND
Jun-10	0.034	ND	ND	ND	ND
Dec-10	ND	ND	ND	ND	ND
Jun-11	ND	ND	ND	ND	ND
Dec-12	ND	ND	ND	ND	ND
Jun-12	ND	ND	ND	ND	ND

Notes:

µg/L = micrograms per liter
 ND = non detect

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well B-6					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
Sep-98	5.1	1.0	1.3	2.8	1.7
Jul-99	ND	7.2	ND	ND	ND
Dec-99	ND	ND	ND	ND	ND
Apr-00	ND	ND	ND	ND	ND
Sep-00	ND	ND	ND	ND	ND
May-01	13	1.1	6.6	3.6	12.7
Nov-01	ND	ND	ND	ND	ND
Apr-02	ND	ND	ND	ND	ND
Oct-02	0.5	0.5	ND	ND	ND
May-03	ND	0.5	ND	ND	ND
Oct-03	0.7	ND	ND	ND	ND
May-04	ND	0.8	ND	ND	ND
Nov-04	6.2	ND	1.3	ND	2.5
May-05	1.2	ND	ND	ND	ND
Nov-05	ND	ND	ND	ND	ND
May-06	ND	ND	ND	ND	ND
Nov-06	ND	ND	ND	ND	ND
Jun-07	0.71	ND	ND	ND	ND
Nov-07	ND	ND	ND	ND	ND
Jun-08	ND	ND	ND	ND	ND
Nov-08	ND	ND	ND	ND	ND
Jul-09	1.3	1.2	0.54	1.3	ND
Dec-09	0.053	0.055	ND	ND	ND
Jun-10	0.076	ND	ND	ND	ND
Dec-10	0.075	ND	ND	ND	ND
Jun-11	0.09	0.044	ND	ND	ND
Dec-12	0.11	0.067	ND	ND	ND
Jun-12	0.22	ND	ND	ND	ND

Notes:

µg/L = micrograms per liter

ND = non detect

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well B-7					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
Sep-98	ND	ND	ND	ND	ND
Jul-99	17.6	ND	5.5	ND	ND
Dec-99	1.8	ND	ND	ND	ND
Apr-00	2.5	ND	ND	ND	ND
Sep-00	3.6	ND	3.5	ND	2.0
May-01	ND	ND	ND	ND	ND
Nov-01	9.2	ND	13.2	2.8	11.8
Apr-02	23.2	2.0	24.6	4.5	33.4
Oct-02	4.5	0.8	9.3	ND	3.6
May-03	22.8	10.2	63.2	58.2	17.4
Oct-03	11.2	0.7	10.4	ND	1.8
May-04	10	0.8	3.0	ND	0.9
Nov-04	28.9	ND	8.9	1.0	1.8
May-05	25.0	ND	6.4	ND	0.9
Nov-05	21	ND	1.4	ND	0.3
May-06	12	ND	0.67	ND	0.91
Nov-06	5.7	ND	0.54	ND	ND
Jun-07	8.1	ND	0.99	0.36	0.60
Nov-07	79	ND	0.8	ND	ND
Jun-08	4.5	ND	1.1	ND	ND
Nov-08	43	0.22	0.74	ND	0.27
Jul-09	11	0.15	0.78	0.43	0.23
Dec-09	0.52	ND	ND	ND	ND
Jun-10	0.46	ND	ND	ND	ND
Dec-10	1.9	ND	ND	ND	ND
Jun-11	0.22	ND	ND	ND	ND
Dec-12	0.12	ND	ND	ND	ND
Jun-12	4.7	0.068	0.079	ND	0.11

Notes:

µg/L = micrograms per liter

ND = non detect

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well B-8					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
Sep-98	90	10	189	149	103
Jul-99	164	ND	584	ND	148
Dec-99	73.4	ND	68.7	33.7	37.4
Apr-00	580	ND	811	316	224
Sep-00	438	ND	99	34.2	44.4
May-01	ND	624	817	230	222
Nov-01	319	ND	193	35.2	78
Apr-02	385	26.8	636	165	233
Oct-02	212	6.9	170	63.8	113
May-03	52.2	12.0	182	76.6	96.2
Oct-03	10.1	ND	4.7	2.1	4.7
May-04	84	5.0	227	74	64
Nov-04	51.6	1.0	77	22.1	21.5
May-05	77.7	ND	287	63.2	61.7
Nov-05	25	0.54	29	10.4	25
May-06	240	3.5	410	51.9	110
Nov-06	170	1.7	110	23	32
Jun-07	62	1.1	130	21	37
Nov-07	20	ND	9.0	2.0	4.0
Jun-08	5.6	1.0	38	3.8	12
Nov-08	0.79	ND	0.41	0.22	0.30
Jul-09	250	5.6	460	32	140
Dec-09	55	0.81	48	5.4	12
Jun-10	0.49	ND	2.9	0.17	2.2
Dec-10	92	1.3	47	8.8	18
Jun-11	86	1.3	60	7.6	25
Dec-12	100	1	50	9.3	17
Jun-12	150	1.4	77	6.2	27

Notes:

µg/L = micrograms per liter

ND = non detect

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well MW-F2					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
Sep-98	47	59	414	403	354
Jul-99	314	189	1450	1280	773
Dec-99	285	143	1270	1170	645
Apr-00	423	200	1170	1010	588
Sep-00	205	211	1520	1210	593
May-01	203	122	899	731	511
Nov-01	131	66.6	845	779	535
Apr-02	127	57.2	886	691	543
Oct-02	169	82.2	905	802	485
May-03	70	36.4	338	483	408
Oct-03	106	32.4	843	656	440
May-04	38	24	175	287	243
Nov-04	361	57.4	1680	1410	673
May-05	75.8	13.5	588	684	412
Nov-05	14	4.0	130	211.9	180
May-06	72	12	610	557.9	350
Nov-06	150	40	780	700	400
Jun-07	99	20	740	590	370
Nov-07	320	53	810	690	400
Jun-08	100	23	550	520	320
Nov-08	12	5.1	18	200	150
Jul-09	510	97	4000	3500	2000
Dec-09	130	19	920	780	480
Jun-10	150	21	680	640	400
Dec-10	110	12	700	650	410
Jun-11	49	10	620	600	390
Dec-12	81	7.3	420	420	290
Jun-12	36	4.5	730	570	380

Notes:

µg/L = micrograms per liter

ND = non detect

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well MW-F3					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
Sep-98	0.7	1.0	1.3	2.8	1.9
Jul-99	ND	ND	ND	ND	ND
Dec-99	ND	ND	ND	ND	ND
Apr-00	ND	ND	ND	ND	ND
Sep-00	ND	ND	ND	ND	ND
May-01	0.7	ND	ND	ND	2.6
Nov-01	ND	ND	ND	ND	1.8
Apr-02	ND	ND	ND	ND	3.0
Oct-02	ND	0.6	ND	ND	1.5
May-03	ND	ND	ND	ND	1.4
Oct-03	ND	ND	ND	ND	ND
May-04	ND	1.0	ND	ND	2.0
Nov-04	ND	ND	ND	ND	1.2
May-05	ND	ND	ND	ND	1.8
Nov-05	ND	ND	ND	ND	0.92
May-06	ND	0.24	ND	0.42	1.6
Nov-06	ND	0	ND	ND	1.1
Jun-07	ND	0	ND	0.20	0.46
Nov-07	0.9	0.9	0.9	ND	1.0
Jun-08	ND	ND	ND	0.21	0.84
Nov-08	ND	ND	0.24	0.33	0.54
Jul-09	0.91	1.9	1.5	4.4	4.2
Dec-09	ND	ND	ND	ND	ND
Jun-10	0.028	0.099	ND	0.15	0.64
Dec-10	0.18	ND	ND	0.19	0.94
Jun-11	ND	ND	ND	0.18	0.29
Dec-12	ND	ND	ND	ND	ND
Jun-12	0.37	ND	ND	0.13	1.1

Notes:

µg/L = micrograms per liter

ND = non detect

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well MW-F4					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
Sep-98	98	10	319	124	109
Jul-99	253	11.1	330	173	163
Dec-99	54	ND	256	122	106
Apr-00	ND	ND	ND	ND	ND
Sep-00	204	23.2	96.5	187	182
May-01	ND	317	459	132	163
Nov-01	117	ND	176	47.4	87.2
Apr-02	119	ND	153	ND	92
Oct-02	122	7.9	233	59	94
May-03	196	25.8	204	59	121
Oct-03	168	11	350	64.4	122
May-04	263	19	178	32	78
Nov-04	139	6.6	223	25.4	89.1
May-05	267	ND	204	48.5	78.6
Nov-05	9.8	ND	4.9	33.8	31
May-06	150	5.1	160	30.9	88
Nov-06	130	6.6	280	56	110
Jun-07	99	4.0	140	22	76
Nov-07	110	7.0	170	61	110
Jun-08	ND	4.5	130	20	72
Nov-08	31	2.2	19	51	77
Jul-09	570	24	990	170	400
Dec-09	86	4.2	180	33	81
Jun-10	73	4.7	130	34	78
Dec-10	ND	1.5	120	28	76
Jun-11	140	4.2	180	23	83
Dec-12	64	2.1	84	16	54
Jun-12	90	2.9	120	19	73

Notes:

µg/L = micrograms per liter

ND = non detect

Appendix B-1
Historical Groundwater Analytical Data

Monitoring Well PS-1					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
NYSDEC TOGS 1.1.1 Standards	1	5	5	5	5
Sep-98	0.7	1.0	1.3	2.8	1.7
Jul-99	ND	ND	2.0	ND	ND
Dec-99	ND	ND	ND	ND	ND
Apr-00	ND	ND	ND	ND	ND
Sep-00	ND	ND	ND	ND	ND
May-01	1.3	ND	ND	ND	ND
Nov-01	ND	ND	ND	ND	ND
Apr-02	ND	ND	ND	ND	1.8
Oct-02	ND	0.7	ND	ND	ND
May-03	ND	1.0	ND	ND	ND
Oct-03	ND	ND	ND	ND	ND
May-04	ND	ND	0.5	ND	ND
Nov-04	ND	ND	ND	ND	ND
May-05	ND	ND	ND	ND	ND
Nov-05	ND	0.24	ND	ND	ND
May-06	ND	ND	ND	ND	ND
Nov-06	ND	ND	ND	ND	ND
Jun-07	ND	ND	ND	ND	ND
Nov-07	ND	ND	ND	ND	ND
Jun-08	ND	ND	ND	ND	ND
Nov-08	ND	ND	ND	ND	ND
Jul-09	ND	0.13	0.24	0.18	ND
Dec-09	0.042	0.079	ND	0.11	0.066
Jun-10	ND	ND	ND	ND	ND
Dec-10	0.075	ND	ND	ND	ND
Jun-11	ND	ND	ND	ND	ND
Dec-12	ND	ND	ND	ND	ND
Jun-12	ND	ND	ND	ND	ND

Notes:

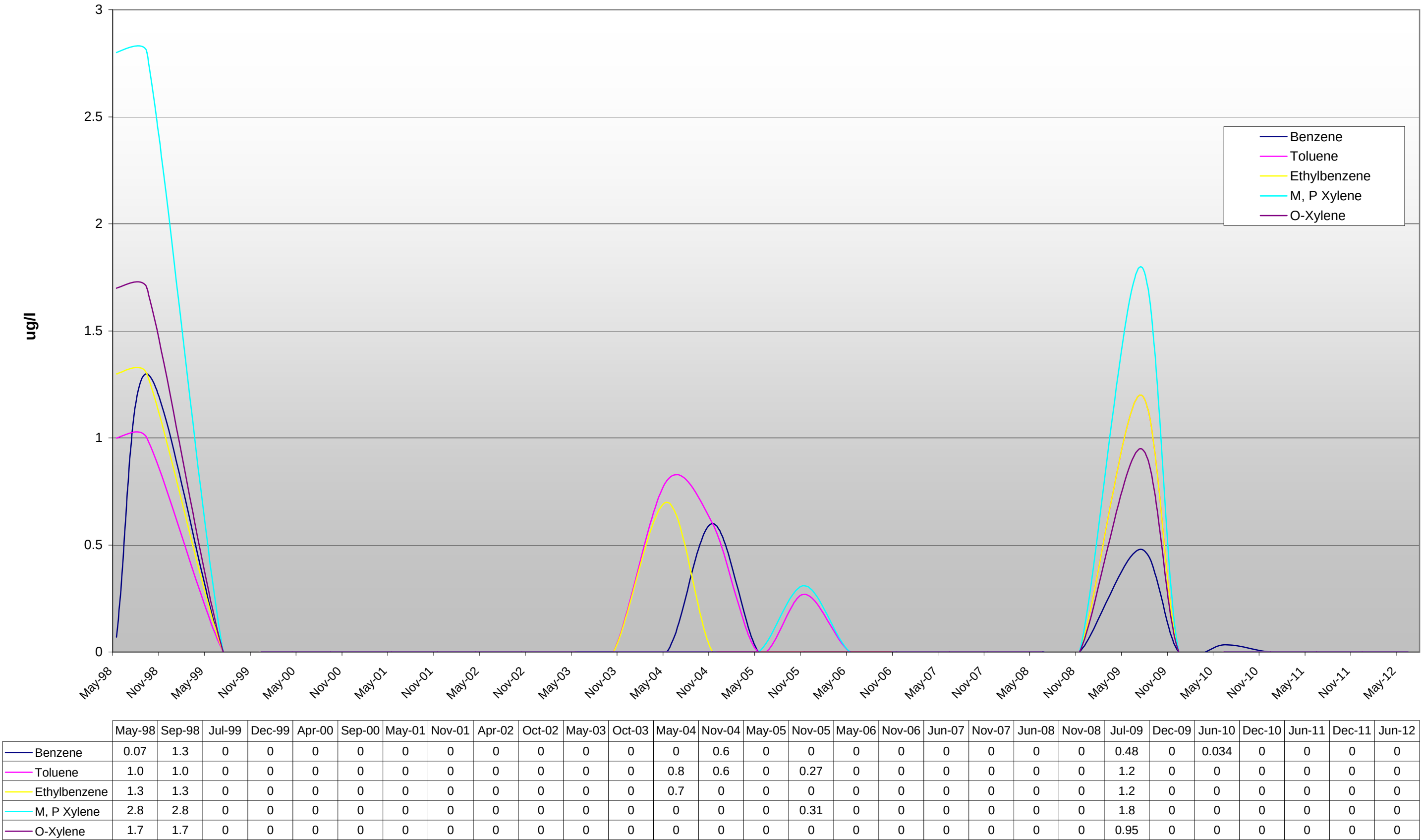
µg/L = micrograms per liter

ND = non detect

APPENDIX B-2
Historical Contaminant Concentration Trends

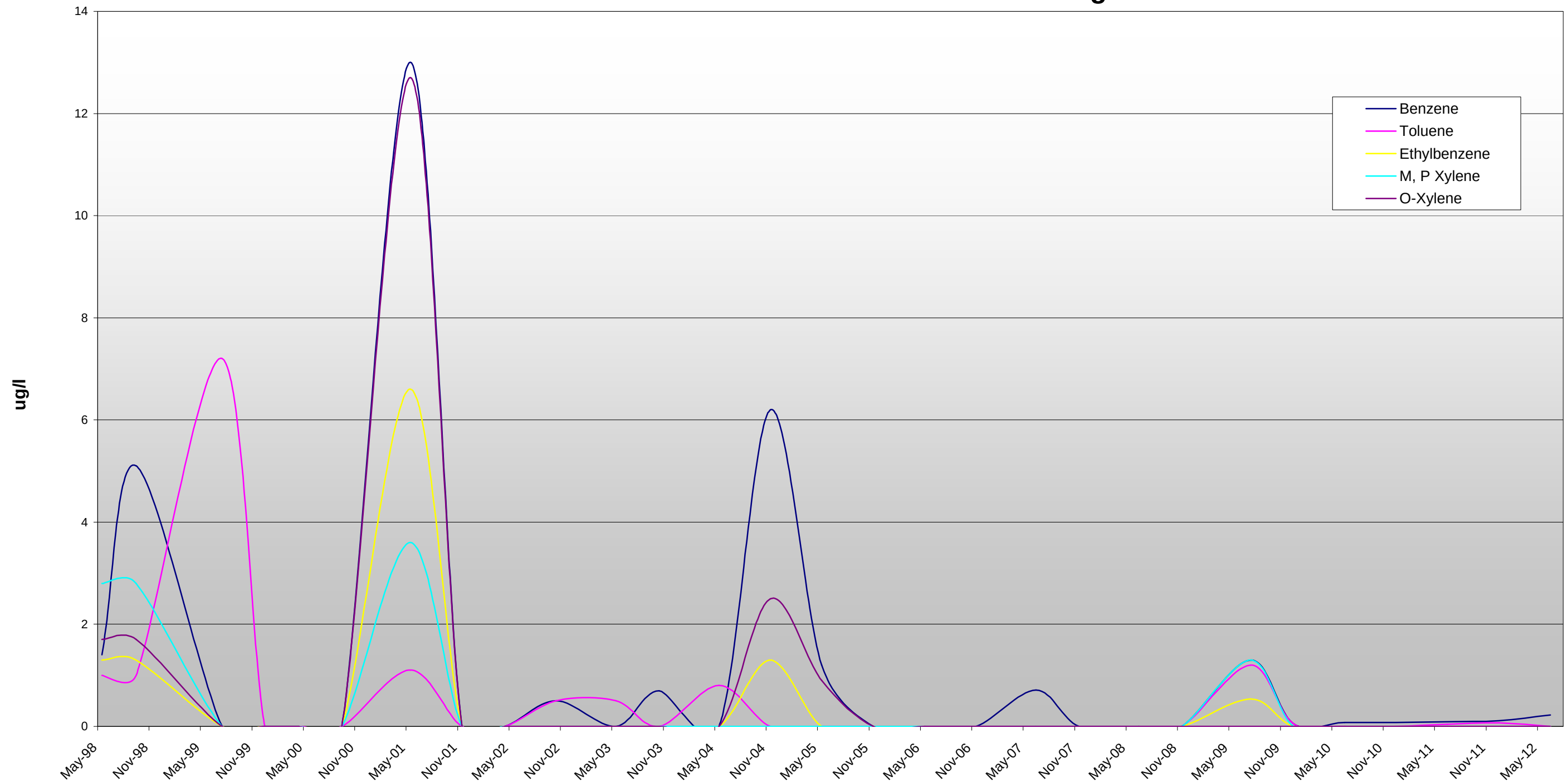
Appendix B-2

Historical Contaminant Concentrations for Monitoring Well B-3

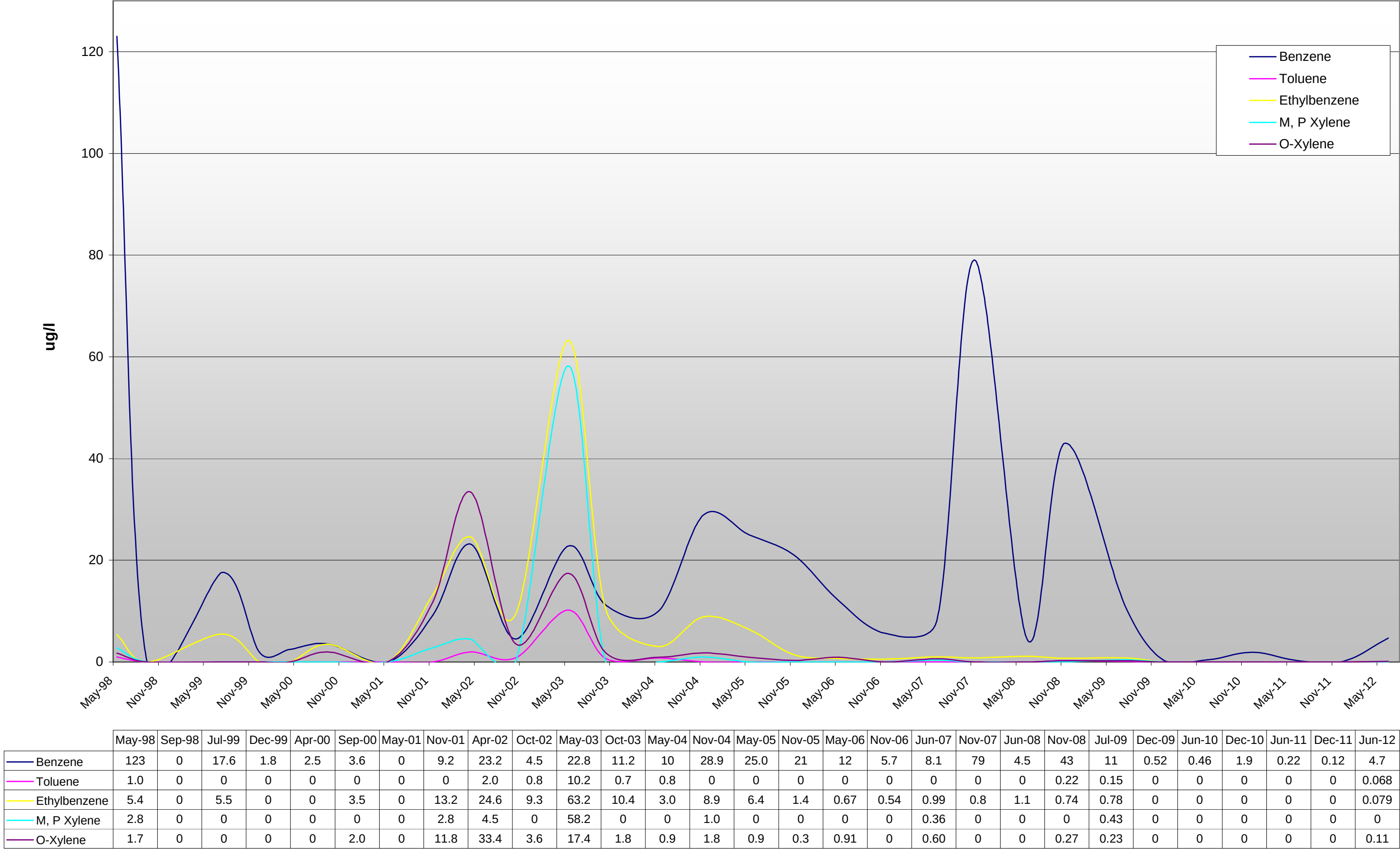


Appendix B-2

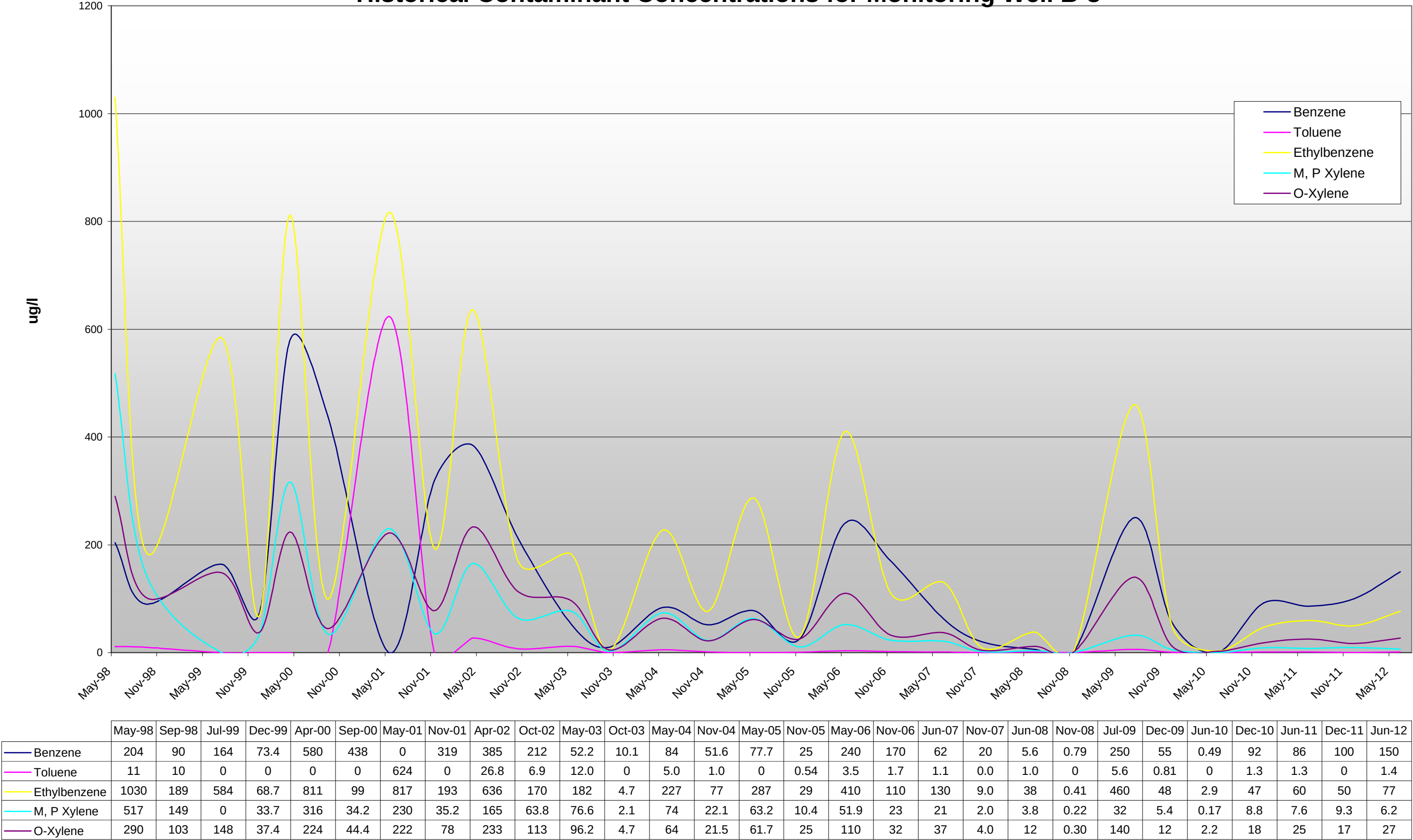
Historical Contaminant Concentrations for Monitoring Well B-6

[illegible]

Appendix B-2
Historical Contaminant Concentrations for Monitoring Well B-7

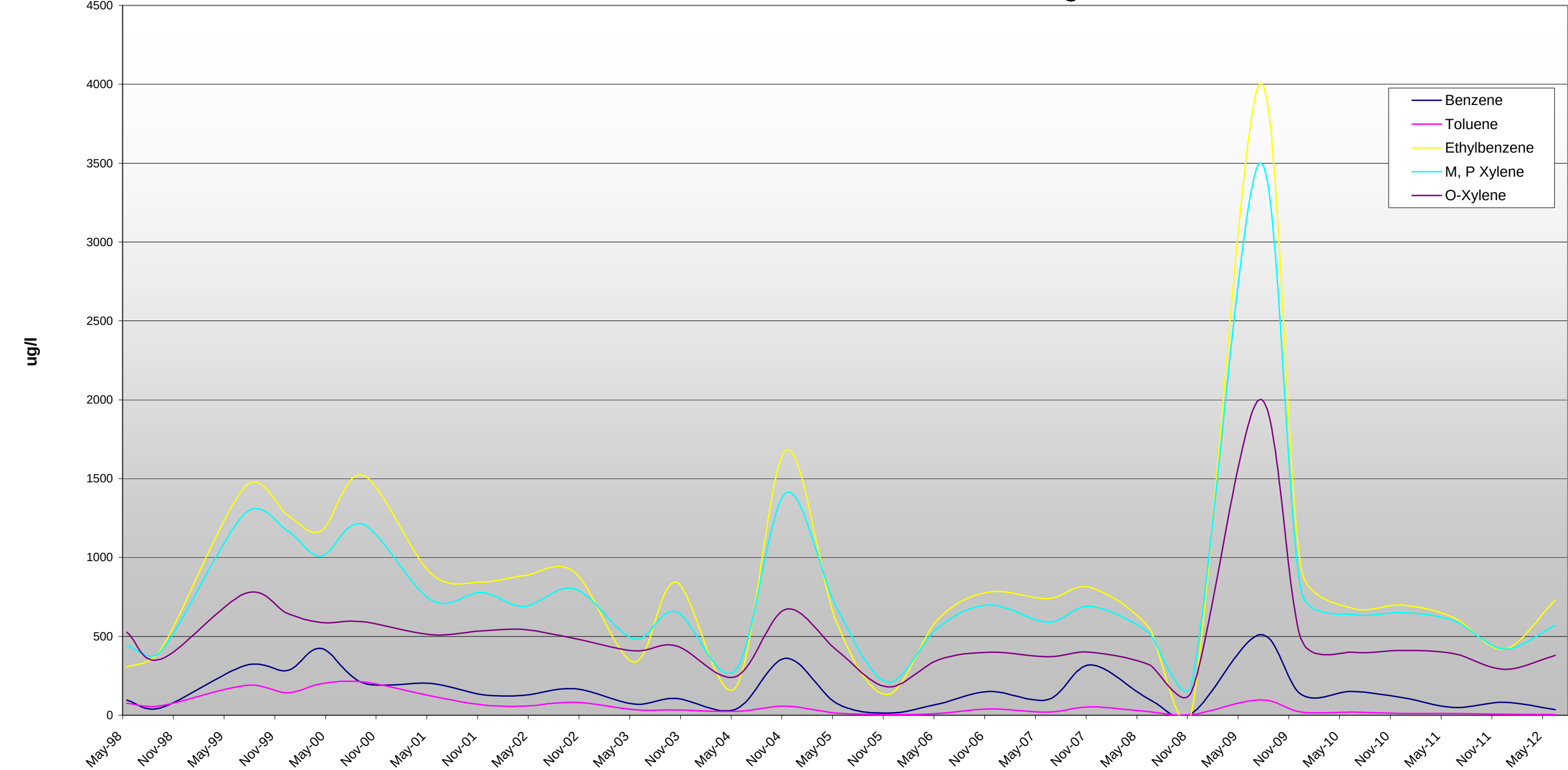


Appendix B-2
Historical Contaminant Concentrations for Monitoring Well B-8



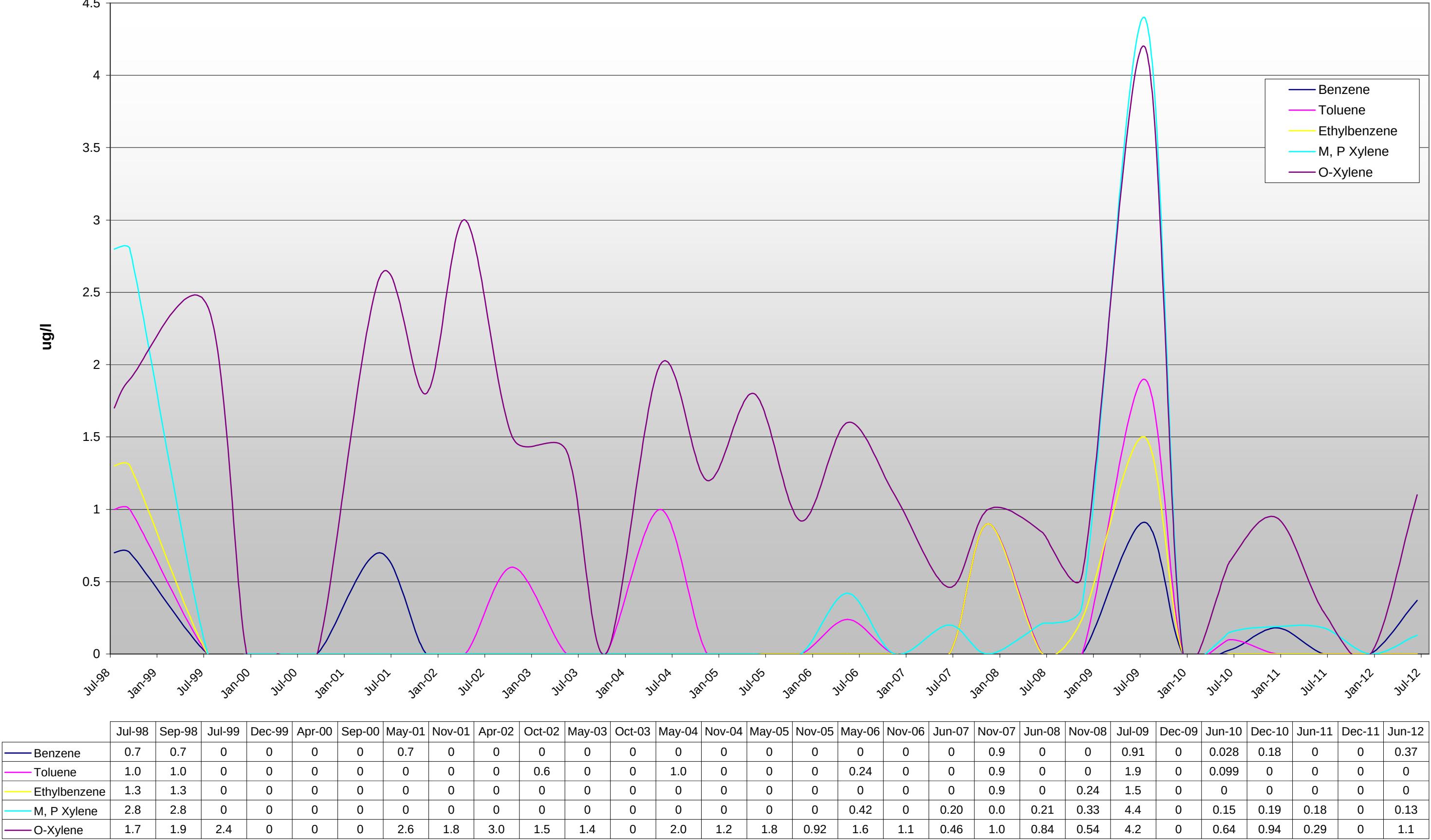
Appendix B-2

Historical Contaminant Concentrations for Monitoring Well MW-F2

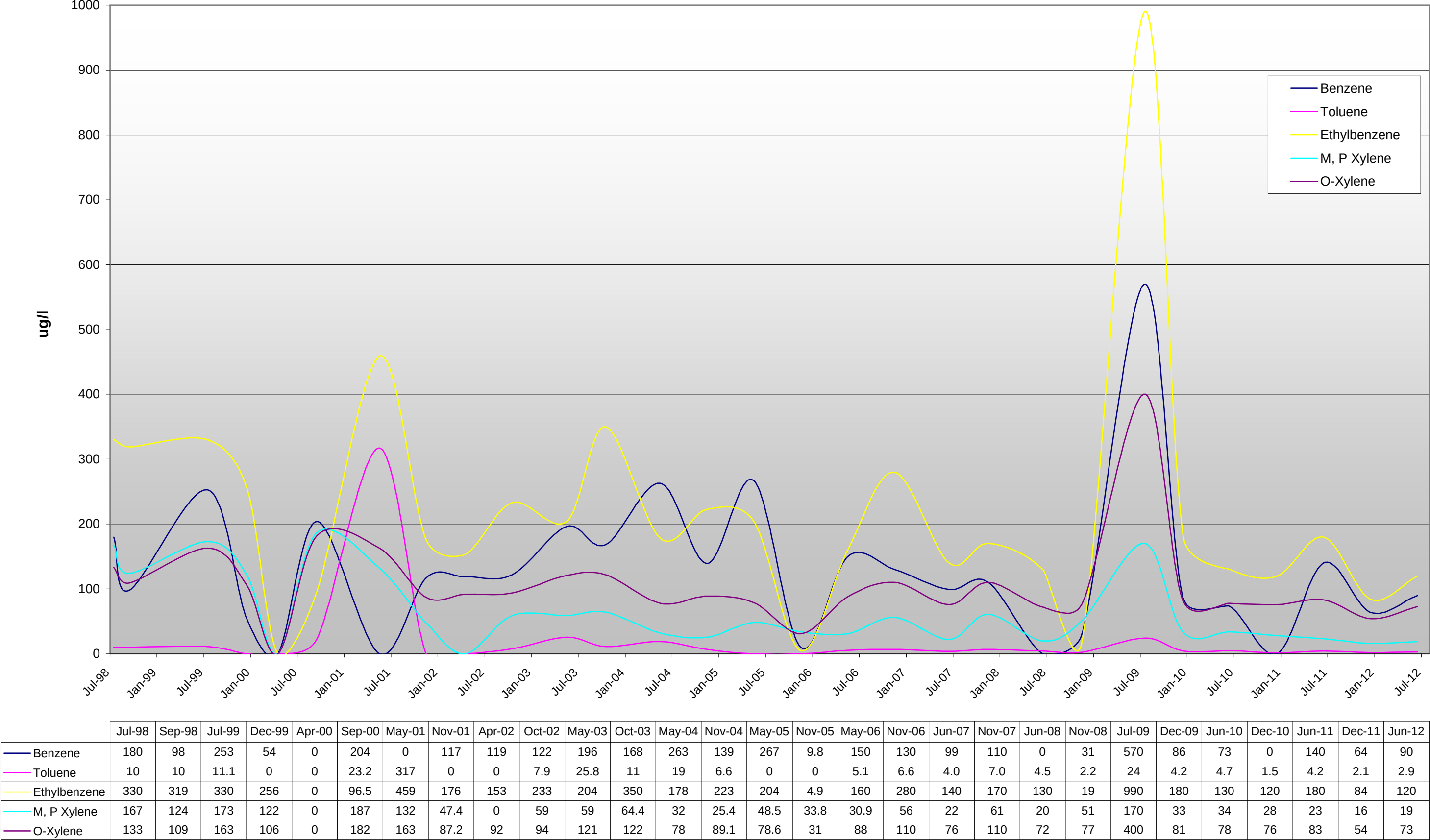


	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11	Jun-12
Benzene	95	47	314	285	423	205	203	131	127	169	70	106	38	361	75.8	14	72	150	99	320	100	12	510	130	150	110	49	81	36
Toluene	75	59	189	143	200	211	122	66.6	57.2	82.2	36.4	32.4	24	57.4	13.5	4.0	12	40	20	53	23	5.1	97	19	21	12	10	7.3	4.5
Ethylbenzene	305	414	1450	1270	1170	1520	899	845	886	905	338	843	175	1680	588	130	610	780	740	810	550	18	4000	920	680	700	620	420	730
M, P Xylene	443	403	1280	1170	1010	1210	731	779	691	802	483	656	287	1410	684	211.9	557.9	700	590	690	520	200	3500	780	640	650	600	420	570
O-Xylene	526	354	773	645	588	593	511	535	543	485	408	440	243	673	412	180	350	400	370	400	320	150	2000	480	400	410	390	290	380

Appendix B-2
Historical Contaminant Concentrations for Monitoring Well MW-F3

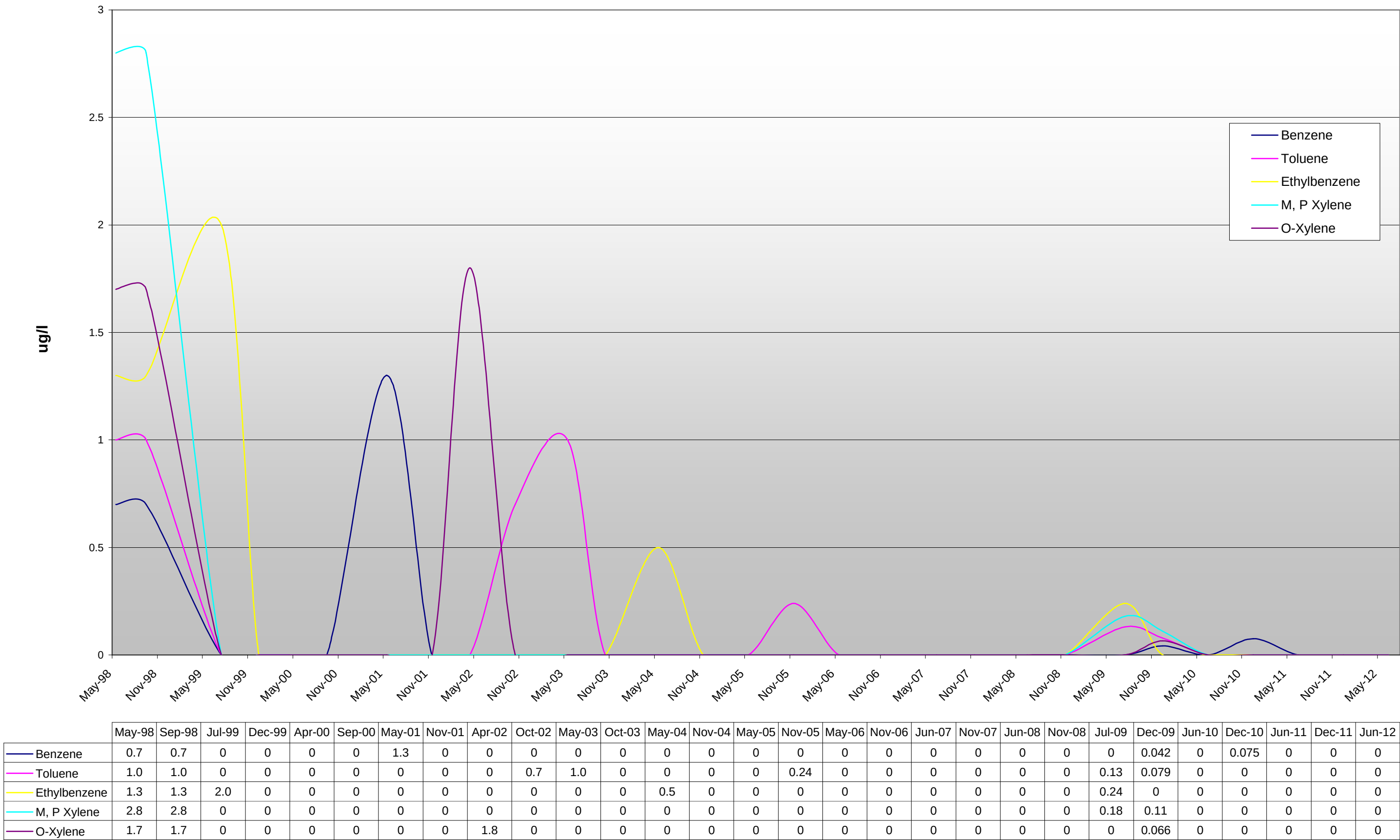


Appendix B-2
Historical Contaminant Concentrations for Monitoring Well MW-F4



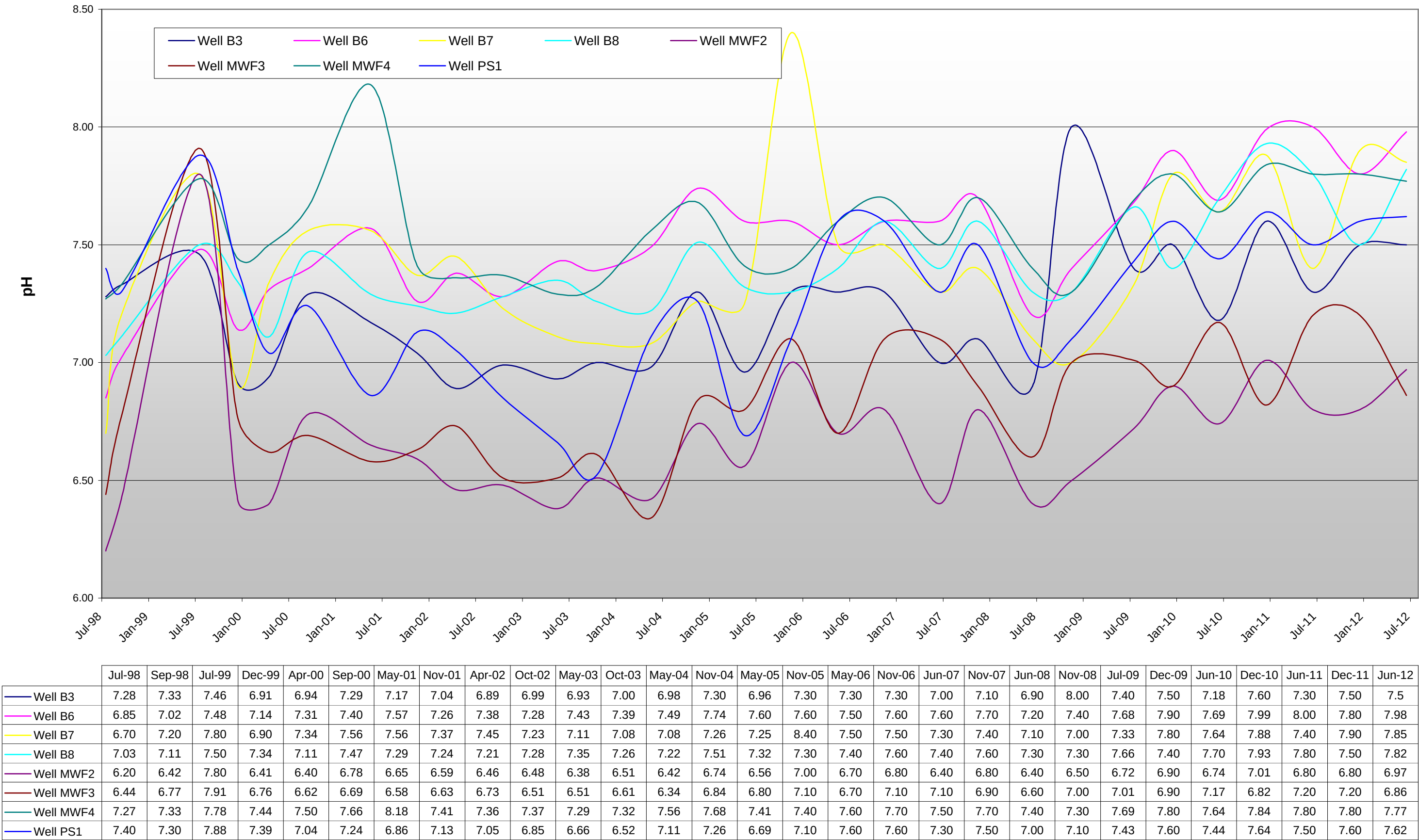
Appendix B-2

Historical Contaminant Concentrations for Monitoring Well PS-1



Appendix B-2

Historical pH Levels in Sampled Monitoring Wells



APPENDIX C-1
Historical Water Table Elevation

Appendix C-1
Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/3/02	575.82	573.52	571.09	570.85	572.63	571.04	571.39	569.39	566.74	566.55	566.38	566.04	566.53
1/8/02	575.85	573.53	570.96	570.75	572.68	570.96	571.39	569.75	566.68	566.61	566.51	565.86	566.72
1/17/02	575.84	573.63	571.02	570.80	572.58	571.01	570.85	569.49	566.81	566.62	566.64	565.84	566.73
1/24/02	576.05	573.81	571.41	571.33	573.04	571.52	570.32	569.79	567.03	568.83	566.83	566.57	566.49
1/30/02	575.89	573.54	570.77	570.61	572.48	571.02	569.76	569.40	566.73	566.85	566.53	566.49	566.50
2/7/02	575.77	573.52	571.21	570.99	572.54	571.25	570.31	569.47	566.93	566.92	566.55	565.84	566.69
2/13/02	575.82	573.45	571.22	570.57	572.48	570.94	569.99	569.21	566.73	567.50	566.67	565.84	566.59
2/21/02	575.92	573.60	571.02	570.79	572.47	571.01	570.79	569.53	566.69	566.61	566.60	566.16	566.53
2/28/02	575.77	573.42	570.64	570.46	572.45	570.88	570.99	569.81	566.70	566.57	566.51	565.84	566.69
3/7/02	575.81	573.45	570.62	570.46	572.49	570.99	569.52	569.67	566.72	566.50	566.57	566.40	566.64
3/14/02	575.78	573.40	570.98	570.76	572.54	571.41	570.11	569.50	566.66	566.47	566.67	573.39	566.63
3/20/02	575.90	573.49	571.21	570.96	572.62	571.53	570.30	569.64	566.73	566.50	566.65	573.37	566.60
3/28/02	575.93	573.54	571.32	571.14	572.74	571.77	570.11	569.26	566.87	566.47	566.90	566.33	566.84
4/3/02	576.03	573.83	571.00	570.79	572.75	571.42	570.82	569.26	566.72	566.54	566.71	566.10	566.71
4/11/02	575.81	573.50	570.82	570.62	572.48	571.42	570.67	569.13	566.88	566.39	566.41	567.49	566.64
4/15/02	575.94	573.64	571.02	570.77	572.62	571.44	570.90	569.18	566.69	566.47	566.42	567.51	566.68
4/24/02	575.81	573.43	570.68	570.47	572.46	571.30	570.79	569.26	566.70	566.38	566.42	567.59	566.57
5/8/02	575.83	573.46	570.65	570.44	572.60	571.03	569.82	569.28	566.78	566.50	566.42	567.49	566.15
5/15/02	575.87	573.55	570.64	570.44	572.58	571.15	571.39	569.20	566.82	566.50	566.33	566.45	566.12
5/22/02	575.77	573.34	570.54	570.39	572.66	571.20	571.36	569.18	566.78	566.39	566.49	567.55	566.13
5/29/02	575.81	573.45	570.69	570.53	572.57	571.10	569.49	569.23	566.72	566.49	566.46	567.49	566.33
6/5/02	575.81	573.45	570.69	570.53	572.57	571.10	569.49	569.23	566.72	566.49	566.46	567.49	566.33
6/12/02	575.78	573.38	570.96	570.70	572.74	571.07	571.09	569.14	566.88	566.48	566.37	567.44	566.11
6/19/02	575.73	573.39	570.42	570.30	572.44	570.87	571.24	569.10	565.84	566.46	566.43	567.60	566.23
6/26/02	575.79	573.42	570.82	570.62	572.38	571.06	570.83	569.27	566.73	566.44	566.46	567.60	566.25
7/3/02	575.64	573.44	570.79	570.58	572.39	571.07	571.13	569.21	566.59	566.44	566.29	567.74	567.20
7/10/02	575.57	573.18	571.49	571.37	572.30	571.24	569.90	569.09	566.80	572.59	566.64	567.61	566.12
7/18/02	575.51	573.03	571.67	571.56	572.17	571.41	570.94	569.23	566.74	573.68	566.73	567.61	566.13
7/24/02	575.59	573.28	571.46	571.38	572.25	571.31	570.86	569.31	566.74	573.39	566.39	567.55	566.23
7/31/02	575.96	573.39	571.61	571.48	572.60	571.45	570.86	569.23	566.78	572.60	566.45	567.64	566.19
8/7/02	575.68	573.07	571.34	571.23	571.78	571.22	570.73	569.23	566.64	572.47	566.45	567.60	566.13
8/14/02	575.50	572.97	571.48	571.33	571.89	571.33	570.44	569.18	566.73	572.29	566.45	567.63	566.15
8/21/02	575.52	573.15	571.20	571.06	572.01	571.15	570.35	569.11	566.64	571.83	567.83	567.47	566.09
8/27/02	575.55	573.16	570.51	570.28	571.83	570.71	569.71	569.14	566.70	566.85	566.51	567.62	566.14
9/4/02	575.36	572.97	570.45	570.21	571.63	570.57	570.57	569.15	566.72	566.96	566.51	567.60	566.21
9/11/02	575.56	572.81	570.41	570.20	571.65	570.42	569.86	569.24	566.68	566.89	566.52	567.60	566.19
9/19/02	575.40	572.93	570.36	570.13	571.56	570.44	570.27	569.18	566.79	566.87	566.46	567.59	566.23
9/25/02	575.35	572.81	570.04	569.88	571.30	570.32	569.75	569.23	566.71	566.86	566.47	567.71	566.15
10/2/02	575.70	573.21	571.02	570.92	572.13	571.44	570.27	569.10	566.62	566.83	566.67	568.24	566.56
10/8/02	575.60	573.13	570.40	570.22	571.65	570.68	570.05	569.19	566.78	566.80	566.54	567.61	566.26
10/16/02	575.48	573.04	570.75	570.53	571.80	570.85	569.85	569.14	566.74	567.00	566.54	567.63	566.17
10/23/02	575.68	573.35	570.45	570.26	572.01	570.57	569.31	569.24	566.66	566.87	566.47	567.53	566.30
10/30/02	575.68	573.28	570.60	570.39	571.84	570.58	568.97	569.26	566.78	566.93	566.59	567.70	566.33
11/6/02	575.72	573.22	570.74	570.48	571.76	570.72	569.56	569.26	566.84	566.83	566.63	567.61	566.23
11/13/02	575.81	573.40	570.49	570.34	571.89	570.71	569.83	569.30	566.70	566.77	566.62	567.62	566.23
11/19/02	575.86	573.54	570.72	570.54	572.25	570.89	569.87	569.27	566.77	566.80	566.65	567.73	566.27
11/26/02	575.77	573.44	570.57	570.38	572.11	570.78	569.34	569.45	566.85	566.81	566.67	567.72	566.32
12/4/02	575.70	573.32	570.36	570.20	571.83	570.65	569.69	569.31	566.72	566.96	566.61	566.99	566.33
12/11/02	575.78	573.23	570.62	570.42	571.95	570.72	569.36	569.16	566.63	566.83	566.61	567.70	566.25
12/18/02	575.85	573.42	570.90	570.72	572.07	571.11	569.24	569.17	566.91	566.92	566.64	567.68	566.25
12/24/02	575.85	573.41	570.52	570.33	571.95	570.83	569.49	569.26	566.87	566.79	566.63	567.68	566.27
12/31/02	576.11	573.67	570.74	570.54	572.00	571.12	569.80	569.28	566.82	566.90	566.62	567.40	566.42

Appendix C-1
Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/8/03	575.86	573.38	570.95	570.69	572.51	571.05	570.34	569.19	566.96	566.88	566.57	573.19	566.34
1/16/03	575.77	573.59	570.51	570.30	572.05	570.82	570.40	569.30	566.86	566.90	566.63	567.61	566.25
1/22/03	575.72	573.37	570.44	570.25	572.13	570.70	569.36	569.24	566.86	566.79	566.61	567.55	566.24
1/30/03	575.72	573.44	570.71	570.59	572.17	571.07	568.49	569.14	566.94	567.03	566.37	567.70	566.49
2/6/03	575.78	573.67	570.29	570.13	571.76	570.74	569.09	569.25	566.86	566.96	566.18	567.53	566.40
2/13/03	575.68	573.43	570.31	570.09	571.79	570.60	569.22	569.28	566.91	566.87	566.09	567.59	566.39
2/19/03	575.64	573.45	570.39	570.16	571.65	570.63	569.09	569.21	566.95	566.83	566.17	567.67	566.36
2/26/03	575.70	573.56	570.34	570.18	572.06	570.88	569.00	569.31	566.85	566.89	566.06	567.75	566.38
3/6/03	575.85	573.42	570.45	570.25	572.11	570.88	568.87	569.17	566.95	566.93	566.65	567.58	566.33
3/12/03	575.77	573.46	570.61	570.40	572.19	570.93	569.02	569.24	566.97	566.86	566.66	567.65	566.26
3/19/03	575.92	573.73	570.98	570.90	572.56	571.45	568.43	569.27	566.97	571.03	566.57	567.75	566.27
3/26/03	575.91	573.74	570.57	570.36	572.25	571.72	569.69	569.21	566.95	566.92	566.51	567.78	566.36
4/2/03	575.78	573.55	571.31	570.29	572.05	571.05	569.40	569.24	566.99	566.86	566.37	567.68	566.50
4/10/03	575.94	573.64	570.77	570.62	572.68	571.51	569.83	569.30	567.02	566.92	566.76	566.88	566.37
4/17/03	575.72	573.38	570.28	570.09	571.85	571.04	568.69	569.14	566.82	566.79	566.67	567.63	566.37
4/23/03	575.65	573.28	570.32	570.12	571.78	571.71	570.61	569.29	566.94	566.92	566.70	567.75	566.40
5/1/03	575.68	573.34	570.41	571.23	572.03	570.89	570.27	569.17	567.00	566.89	566.69	567.69	566.26
5/7/03	575.97	573.55	570.29	570.11	571.99	570.99	570.18	569.26	566.62	566.97	566.54	568.01	566.24
5/13/03	575.99	573.61	570.39	570.20	572.01	571.11	570.19	569.16	566.57	566.91	566.50	567.86	566.35
5/20/03	575.81	573.57	570.44	570.27	571.98	571.22	570.22	569.14	566.60	566.83	566.52	568.11	566.43
5/28/03	575.78	573.53	570.53	570.37	572.10	571.58	570.57	569.21	566.61	566.84	566.68	568.08	566.27
6/4/03	575.83	573.52	570.45	570.31	572.10	571.24	570.40	569.24	566.61	566.95	566.66	567.27	566.39
6/11/03	575.81	573.50	570.46	570.31	572.11	571.14	570.75	569.51	566.59	566.96	566.57	568.15	566.31
6/18/03	575.76	573.55	570.51	570.35	572.28	571.38	570.54	570.21	566.77	566.96	566.67	567.11	566.37
6/25/03	575.66	573.25	570.27	570.12	571.87	571.09	570.99	570.11	566.73	566.87	566.65	568.12	566.28
7/3/03	575.62	573.03	570.26	570.08	571.72	570.98	570.61	570.11	566.69	566.89	566.67	567.81	566.26
7/8/03	575.53	573.02	570.09	569.95	571.84	570.88	571.53	569.97	566.65	566.93	566.60	568.10	566.30
7/15/03	575.45	573.37	570.15	570.03	571.71	570.89	571.01	569.22	566.72	566.93	566.61	568.29	566.33
7/24/03	575.99	573.72	570.27	570.16	572.51	571.33	571.25	569.17	566.81	566.75	566.64	567.42	566.39
7/31/03	575.75	573.29	570.25	570.09	572.14	571.00	570.49	569.23	566.79	566.89	566.63	568.16	566.37
8/6/03	575.74	573.38	570.27	570.11	572.28	571.00	571.02	569.28	566.73	566.82	566.21	568.18	566.39
8/12/03	575.97	573.91	570.37	570.26	572.31	571.68	570.67	569.30	566.61	566.91	566.62	568.15	566.43
8/21/03	575.78	573.41	570.48	570.32	572.13	570.97	570.87	569.20	566.64	566.85	566.12	573.15	566.39
8/26/03	575.64	573.32	570.42	570.25	572.11	570.97	571.26	569.21	566.77	566.82	566.67	573.15	566.45
9/4/03	575.47	573.18	570.30	570.13	571.88	570.69	570.02	569.31	566.76	566.95	566.60	573.15	566.25
9/11/03	575.34	572.96	569.98	569.85	571.87	570.48	570.14	569.15	566.67	566.83	566.66	573.15	566.41
9/16/03	575.71	573.12	570.05	569.90	571.81	570.62	570.7	569.13	566.65	566.81	566.64	573.15	566.36
9/23/03	575.74	573.61	570.39	570.24	571.98	570.79	570.92	569.20	566.68	566.81	566.83	573.15	566.36
10/2/03	575.92	573.83	570.46	570.39	572.24	571.16	570.69	569.25	566.60	567.26	566.97	573.15	566.25
10/9/03	575.80	573.38	570.20	570.05	572.18	570.65	569.86	569.24	566.67	566.78	566.69	573.15	566.42
10/16/03	575.92	573.58	570.17	570.04	572.39	570.82	570.09	569.30	566.67	566.88	566.58	568.68	566.27
10/21/03	575.87	573.45	570.53	570.32	572.14	570.78	570.22	569.35	566.74	566.94	566.66	567.58	566.33
10/28/03	575.96	573.66	570.35	570.23	572.31	570.92	569.57	569.31	566.71	566.89	566.56	567.48	566.32
11/6/03	575.92	573.66	570.21	570.10	572.46	570.88	569.85	569.34	566.67	566.78	566.57	567.41	566.29
11/14/03	575.84	573.69	570.64	570.53	572.59	571.50	570.89	569.29	566.71	566.77	566.50	567.33	566.39
11/19/03	575.87	573.57	570.82	570.62	572.01	570.99	570.08	569.18	566.76	566.95	566.44	567.39	566.19
12/3/03	575.78	573.42	570.16	570.05	571.94	570.74	569.79	569.28	566.72	566.89	566.55	567.58	566.34
12/10/03	575.85	573.30	570.50	570.33	571.88	570.84	569.60	569.27	566.65	566.83	566.58	567.51	566.27
12/16/03	575.84	573.39	570.37	570.23	571.94	570.76	570.12	569.37	566.67	566.90	566.52	567.57	566.23
12/23/03	575.95	573.60	570.43	570.32	572.05	570.93	569.72	569.18	566.62	566.79	566.64	567.50	566.26
12/30/03	576.05	573.67	570.53	570.39	572.55	571.10	571.73	569.35	566.69	566.73	566.53	567.53	566.43

Appendix C-1
Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/6/04	575.81	573.45	570.36	570.23	572.05	571.03	572.57	569.24	566.73	566.90	566.57	567.35	566.37
1/13/04	575.82	573.15	570.31	570.13	572.03	570.99	569.00	569.23	566.64	566.91	566.61	567.43	566.35
1/22/04	575.80	573.00	570.39	570.22	571.94	570.68	570.63	569.27	566.69	566.84	566.46	567.33	566.34
1/28/04	575.81	572.84	570.31	570.15	571.86	570.89	569.73	569.21	566.60	566.89	566.47	567.55	566.30
2/4/04	575.84	573.01	570.01	569.91	571.89	570.65	569.06	569.27	566.69	566.85	566.46	567.34	566.32
2/10/04	575.82	573.41	570.34	570.23	572.10	571.08	569.52	569.21	566.74	566.86	566.57	567.44	566.31
2/17/04	575.65	573.18	569.99	569.93	571.67	570.88	569.49	569.04	566.67	566.82	566.46	567.46	566.23
2/25/04	575.87	573.40	570.15	570.06	571.65	570.91	569.74	569.27	567.11	566.90	566.55	567.42	566.23
3/3/04	576.05	573.94	570.65	570.49	572.34	571.48	570.39	569.35	567.00	566.86	566.63	567.60	566.30
3/11/04	575.88	573.71	571.29	571.23	572.53	571.80	569.93	569.18	566.74	566.90	566.44	567.52	566.55
3/18/04	575.81	573.48	570.34	570.20	571.91	570.98	569.86	569.21	566.78	566.75	566.44	567.48	565.97
3/25/04	575.96	573.64	570.36	570.26	572.45	571.37	570.1	568.33	566.94	567.08	566.59	567.48	566.43
3/31/04	575.85	573.60	570.54	570.39	572.61	571.22	569.99	569.14	566.81	566.78	566.66	567.33	566.23
4/7/04	575.85	573.65	570.47	570.34	572.41	571.17	570.16	569.26	566.88	566.82	566.47	567.39	566.30
4/13/04	575.81	573.55	570.40	570.26	572.37	571.16	570.33	569.23	566.87	566.77	566.62	567.34	566.28
4/20/04	575.79	573.52	570.17	570.05	572.41	570.97	570.40	569.27	566.77	566.91	566.57	567.58	566.35
4/27/04	575.92	573.13	570.07	569.45	571.69	571.09	570.90	569.20	566.69	566.70	566.47	567.44	566.24
5/4/04	575.91	573.08	569.75	569.19	571.77	570.78	570.68	569.26	566.80	566.82	566.42	567.48	566.42
5/11/04	575.85	573.07	569.77	569.20	571.81	570.95	570.65	569.17	566.62	566.86	566.39	566.34	566.29
5/18/04	575.77	572.82	569.87	569.31	571.56	571.04	570.69	569.31	566.77	566.80	566.53	567.50	566.38
5/28/04	575.77	572.82	569.87	569.31	571.56	571.04	570.69	569.31	566.77	566.80	566.53	567.50	566.38
6/3/04	575.78	573.06	569.68	569.12	571.68	570.97	571.16	569.31	566.77	566.70	566.42	567.50	566.43
6/10/04	575.71	572.92	569.69	569.12	571.69	570.86	571.37	569.19	566.82	566.70	566.53	567.58	566.43
6/16/04	575.70	572.89	569.55	569.01	571.65	570.78	570.85	569.37	566.83	566.82	566.53	567.44	566.38
6/23/04	575.76	572.86	569.65	569.07	571.78	571.63	571.33	569.19	566.72	566.75	566.57	567.50	566.43
6/30/04	575.66	572.75	569.51	568.98	571.67	571.45	571.67	569.27	566.86	566.78	566.57	567.54	566.27
7/7/04	575.88	573.05	569.79	569.25	571.82	571.31	571.79	569.38	566.78	566.73	566.42	566.94	566.45
7/14/04	575.81	572.98	569.95	569.35	571.62	571.32	572.21	569.25	566.81	566.80	566.47	567.47	566.29
7/22/04	575.77	572.95	569.76	569.18	571.80	571.08	571.29	569.33	566.70	566.70	566.52	566.80	566.35
7/28/04	575.91	573.14	569.67	569.12	572.15	571.06	571.33	569.26	566.80	566.68	566.53	567.42	566.33
8/4/04	575.81	573.04	569.88	569.29	572.25	571.09	570.87	569.21	566.77	566.88	566.37	567.53	566.44
8/12/04	575.74	572.84	569.67	569.08	571.94	570.98	571.20	569.34	566.81	566.83	566.53	567.48	566.30
8/18/04	575.70	572.92	569.85	569.28	571.24	570.91	571.03	569.36	566.63	566.86	566.47	567.52	566.38
8/25/04	575.53	572.70	569.49	568.94	571.00	570.48	570.95	569.26	566.78	566.82	566.57	567.04	566.26
9/1/04	575.85	572.94	569.57	569.04	570.54	570.98	570.78	569.21	566.74	566.66	566.53	567.14	566.33
9/10/04	575.89	573.40	569.76	569.26	571.72	572.39	570.89	569.21	566.78	566.70	566.52	567.48	566.36
9/15/04	575.83	572.92	569.84	569.26	571.62	571.21	571.03	569.16	566.78	566.69	566.11	567.47	566.25
9/22/04	575.74	572.71	569.62	569.05	571.22	571.04	571.05	569.24	566.73	566.72	566.06	566.33	566.29
9/29/04	575.66	572.57	569.48	568.90	570.80	570.24	570.62	569.33	566.64	566.77	565.67	567.38	566.23
10/6/04	575.44	572.45	569.31	568.75	571.05	570.27	571.01	569.20	566.67	566.78	566.46	567.44	566.34
10/13/04	575.52	572.60	569.63	569.01	570.89	570.22	570.06	569.23	566.74	566.83	566.41	567.33	566.33
10/21/04	575.90	572.94	569.69	569.11	571.30	570.95	570.12	569.23	566.79	566.76	566.31	567.43	566.36
10/27/04	575.78	572.60	569.38	568.81	571.22	570.33	569.74	569.19	566.82	566.71	566.12	567.38	566.39
11/3/04	575.88	573.08	569.18	568.65	571.42	570.85	569.64	569.17	566.82	566.72	566.27	567.37	566.27
11/9/04	575.77	572.72	569.13	568.60	571.40	570.71	570.32	569.27	566.77	566.73	566.43	567.45	566.36
11/17/04	575.75	572.69	569.50	568.92	571.18	570.20	569.9	569.27	566.79	566.72	566.45	567.56	566.26
11/23/04	575.79	572.77	569.55	568.97	571.14	570.31	570.14	569.31	566.76	566.87	566.23	567.34	566.37
12/2/04	575.90	573.29	569.76	569.25	571.92	572.15	569.79	569.25	566.71	566.75	566.47	567.24	566.43
12/9/04	575.88	573.11	568.11	569.36	571.81	571.86	570.34	569.17	566.91	566.89	566.61	567.44	566.27
12/16/04	575.86	572.96	569.76	569.26	571.56	571.36	570.94	569.47	566.78	567.04	566.83	567.29	567.14
12/24/04	575.86	573.21	569.46	568.96	571.71	571.76	570.64	569.22	566.78	566.84	566.53	567.34	566.29
12/30/04	575.81	572.96	569.51	569.01	571.51	571.16	569.94	569.37	566.93	566.84	566.38	567.39	566.14

Appendix C-1
Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/6/05	575.81	573.36	570.31	569.71	571.79	571.34	573.44	569.27	566.78	566.81	566.55	567.52	566.31
1/13/05	575.96	573.41	570.11	569.51	571.91	571.16	570.94	569.27	566.93	566.86	566.56	567.34	566.74
1/20/05	575.76	573.06	569.81	569.21	571.86	571.06	570.74	569.17	566.83	566.84	566.18	567.29	565.89
1/27/05	575.59	572.91	569.21	568.61	571.36	570.41	570.64	569.22	566.83	566.81	566.23	567.39	567.19
2/3/05	575.61	573.01	569.61	569.01	571.31	570.31	570.54	569.27	566.83	566.84	566.53	567.39	567.19
2/10/05	575.81	573.16	570.56	570.11	571.96	571.36	570.64	569.17	566.83	567.04	566.53	567.49	565.44
2/17/05	575.96	573.36	569.96	569.36	571.71	571.26	570.94	569.32	566.88	566.69	566.43	567.44	566.24
2/24/05	575.71	573.21	569.61	569.06	571.61	571.06	570.34	569.32	566.88	566.94	566.33	567.34	566.29
3/3/05	575.66	573.16	569.51	568.91	571.61	570.96	571.04	569.22	566.93	566.74	566.53	567.49	566.24
3/10/05	575.81	573.26	569.61	569.06	571.46	571.36	570.94	569.37	566.83	566.69	566.38	567.34	566.34
3/17/05	575.81	573.21	569.56	568.96	571.66	571.31	571.04	569.32	566.83	566.74	566.68	567.39	566.44
3/22/05	575.94	573.34	569.45	568.94	571.80	571.32	570.94	569.26	566.97	566.70	566.30	567.37	567.12
3/30/05	575.82	573.25	569.56	569.01	571.62	571.25	570.79	569.34	566.87	566.85	566.60	567.44	566.56
4/7/05	575.83	573.41	570.13	569.55	572.32	571.88	571.54	569.28	566.88	566.96	566.52	567.40	566.31
4/14/05	575.62	573.17	570.09	569.74	572.07	571.92	571.04	570.12	567.08	566.94	566.78	567.99	566.64
4/21/05	575.57	573.05	569.55	568.95	571.58	571.12	570.95	569.04	566.69	566.76	566.33	567.91	566.23
4/28/05	575.82	573.19	569.51	568.95	571.86	571.36	572.63	569.16	566.64	566.89	566.27	568.10	566.29
5/5/05	575.69	573.11	569.18	568.65	571.48	571.45	571.14	569.11	566.96	566.76	566.14	567.84	566.30
5/12/05	575.60	572.92	569.05	568.50	571.25	570.97	570.27	569.40	566.96	566.78	566.17	568.01	566.27
5/19/05	575.62	573.00	569.31	568.76	571.22	571.07	571.08	569.06	566.67	566.86	566.43	568.12	566.32
5/26/05	575.58	572.96	569.27	568.70	571.15	571.11	571.16	569.21	566.63	566.93	566.56	568.24	566.29
6/2/05	575.54	572.89	569.09	568.53	571.12	570.95	570.96	569.18	566.57	566.93	566.17	568.11	566.36
6/9/05	575.49	572.84	569.12	568.56	571.45	570.93	570.93	569.22	566.77	566.89	566.42	568.28	566.33
6/15/05	575.87	573.22	569.64	569.07	571.55	571.60	571.09	569.05	566.87	566.90	566.40	568.16	566.38
6/22/05	575.73	572.87	569.36	568.77	571.30	571.38	570.81	569.07	566.80	566.94	566.06	568.15	566.28
6/29/05	575.57	572.76	569.30	568.71	571.18	571.05	571.03	569.38	566.86	567.07	566.67	568.78	566.23
7/6/05	575.41	572.65	569.07	568.51	571.08	571.07	570.39	569.11	566.71	566.93	566.62	567.94	566.23
7/13/05	575.38	572.65	569.18	568.60	570.98	570.65	570.56	569.00	566.79	566.92	566.64	568.05	566.36
7/21/05	575.72	572.88	569.41	568.85	571.31	570.89	570.75	569.14	566.79	566.87	566.63	567.98	565.78
7/28/05	575.69	572.80	569.11	568.56	571.31	570.75	570.78	569.14	566.69	566.87	566.68	568.11	566.33
8/4/05	575.57	572.61	569.26	568.66	570.78	570.62	570	569.11	566.84	566.89	566.66	568.13	566.30
8/11/05	575.21	572.55	569.13	568.57	570.72	570.47	570.39	569.07	566.74	566.87	566.39	568.18	566.28
8/18/05	575.35	572.45	569.12	568.56	570.85	570.46	570.43	569.18	566.80	566.78	566.67	568.13	566.23
8/23/05	575.40	572.78	569.18	568.71	570.82	570.32	570.19	569.23	566.96	567.22	567.00	568.68	566.96
8/31/05	575.94	573.36	569.98	569.51	572.05	572.12	571.24	569.17	566.77	566.95	571.53	568.28	566.32
9/6/05	575.68	572.84	569.80	569.31	571.55	571.17	570.24	569.11	566.75	566.96	571.28	568.10	569.33
9/12/05	575.57	572.65	569.55	568.96	571.43	570.65	570.44	569.17	566.70	566.89	566.74	568.07	565.93
9/23/06	575.71	572.70	569.43	568.85	571.58	570.61	569.84	569.08	566.60	566.94	566.67	568.11	566.39
9/29/06	575.85	573.15	570.05	569.46	571.81	571.01	574.64	569.10	566.67	566.90	566.77	568.14	566.42
10/3/06	575.77	572.94	569.52	568.97	571.32	570.96	570.24	569.19	566.62	566.90	566.83	568.23	566.29
10/12/06	575.77	572.90	569.40	568.84	571.11	570.50	569.83	569.13	566.78	566.92	566.82	568.02	566.32
10/21/06	575.58	572.99	569.28	568.71	571.18	570.56	569.19	569.07	566.63	566.86	566.68	567.89	566.74
10/28/06	575.89	573.33	569.39	568.87	572.74	570.87	570.04	569.15	566.85	566.85	566.91	568.30	566.39
11/2/06	575.70	573.22	569.47	568.92	571.20	570.74	570.14	569.21	566.67	566.84	566.69	568.24	566.37
11/7/06	575.66	573.21	569.47	568.95	571.79	571.75	570.74	569.04	566.79	566.87	566.84	568.39	566.31
11/18/06	575.81	573.39	569.66	569.12	572.00	571.36	569.89	569.12	566.66	566.79	566.68	568.24	566.44
11/21/06	575.78	573.44	570.01	569.45	571.55	571.07	570.34	569.16	566.72	566.83	566.83	568.18	566.38
11/28/06	575.80	573.44	569.77	569.20	571.68	571.20	568.84	569.11	566.73	566.83	566.84	567.50	566.28
12/9/06	575.81	573.73	570.11	569.56	572.56	572.76	571.34	569.14	566.79	566.94	566.73	568.29	566.39
12/13/06	575.62	573.45	569.62	569.07	572.07	571.08	569.64	569.07	566.77	566.75	566.74	567.87	566.30
12/21/06	575.69	573.30	569.83	569.24	571.91	570.83	570.44	569.17	566.74	566.92	566.84	568.06	566.33
12/28/06	575.87	573.65	569.94	569.37	572.05	571.09	569.34	569.20	566.79	566.88	566.79	568.08	566.30

Appendix C-1
Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/2/07	575.70	573.95	570.14	569.76	572.34	571.43	571.34	569.60	566.72	566.75	566.70	567.53	566.43
1/12/07	575.78	574.20	570.23	570.10	572.93	572.61	571.74	569.31	566.94	566.80	566.92	567.38	566.36
1/17/07	575.80	574.05	569.97	569.87	572.95	572.71	571.72	569.16	566.97	566.75	566.89	567.45	566.32
1/22/07	575.75	574.12	569.95	569.96	572.96	572.80	570.64	569.15	566.76	566.78	566.91	567.53	566.35
1/31/07	575.70	573.98	570.00	569.88	572.98	572.77	572.44	569.41	566.80	566.83	567.01	567.55	566.43
2/5/07	575.62	574.10	570.13	570.01	572.69	572.53	572.44	569.08	567.08	566.88	566.77	567.52	566.36
2/16/07	575.61	574.09	570.35	570.20	572.58	572.28	571.44	569.08	566.97	567.02	566.71	567.37	566.34
2/26/07	575.64	574.03	570.34	570.20	572.27	572.26	570.64	569.11	566.94	567.06	566.65	567.48	566.43
3/8/07	575.64	574.03	570.06	569.96	572.50	572.33	570.74	569.19	566.92	566.92	566.82	567.32	566.31
3/22/07	575.67	574.15	570.52	570.36	572.90	572.53	571.44	569.21	566.76	566.83	566.86	567.36	566.40
3/28/07	575.79	574.01	570.02	569.92	572.54	572.38	571.04	567.12	566.74	566.93	566.88	567.76	566.74
4/5/07	575.80	574.15	570.58	569.96	572.79	572.45	571.94	568.98	566.79	566.88	566.77	567.42	566.52
4/12/07	575.75	574.10	570.43	570.29	572.73	572.53	570.94	569.11	566.88	566.83	566.92	567.35	566.30
4/27/07	575.98	574.08	570.30	570.17	572.92	572.58	571.19	569.19	566.82	567.08	566.81	567.45	566.36
5/4/07	575.54	574.21	570.14	569.96	572.81	572.45	571.04	569.35	566.86	566.67	566.90	567.42	566.48
5/11/07	575.61	573.89	570.90	570.94	572.72	572.57	571.34	576.91	572.33	571.14	572.31	573.04	573.04
5/18/07	575.55	573.81	569.83	569.74	572.38	572.13	570.64	569.21	566.86	566.96	566.81	567.38	566.20
5/24/07	575.58	573.80	570.03	569.78	572.59	571.55	571.14	569.28	566.89	566.77	566.90	567.45	566.05
5/31/07	575.30	573.55	569.79	569.66	571.60	571.88	570.44	569.04	566.72	566.77	567.17	567.40	566.28
6/8/07	575.75	573.53	569.76	569.63	572.30	572.02	571.24	569.23	566.77	566.78	566.97	567.44	566.31
6/12/07	575.84	573.42	569.61	569.48	572.04	571.90	570.54	569.18	566.67	566.78	566.90	567.45	566.29
6/18/07	575.70	573.28	569.74	569.57	572.20	571.88	570.59	569.28	566.87	566.76	566.92	567.56	566.33
6/25/07	575.50	573.22	569.41	569.30	571.54	571.55	571.99	569.21	566.73	566.80	566.90	567.41	566.42
7/3/07	575.55	573.25	569.52	569.42	571.62	571.53	572.04	569.33	566.86	566.68	566.91	567.50	566.25
7/12/07	575.54	573.21	569.52	569.39	572.82	571.29	571.44	569.11	566.61	566.89	566.81	567.50	566.34
7/17/07	575.48	573.18	569.39	569.26	571.68	571.41	570.74	569.20	566.80	566.89	566.32	567.54	566.33
7/26/07	575.79	573.29	569.60	570.44	571.71	570.48	569.86	569.19	566.80	566.94	566.81	567.61	566.37
8/1/07	575.95	573.32	569.56	569.42	571.75	571.53	570.89	569.11	566.74	566.97	566.91	567.45	566.38
8/10/07	575.84	573.43	569.63	569.32	571.76	571.36	570.79	569.15	566.82	566.67	567.04	567.53	566.46
8/16/07	575.30	573.13	569.59	569.45	571.73	571.09	570.79	569.14	566.64	566.90	565.93	567.48	566.42
8/23/07	575.42	573.27	569.63	569.58	571.71	571.06	570.74	569.28	566.67	566.72	566.75	567.53	566.52
8/30/07	575.45	573.11	569.46	569.32	571.71	571.04	570.14	569.23	566.68	566.87	566.53	567.50	566.34
9/12/07	576.05	573.25	569.51	569.39	571.86	571.36	570.99	569.25	566.76	566.77	566.70	567.54	566.40
9/21/07	576.02	573.33	569.63	569.47	571.85	571.38	570.09	569.40	566.77	566.88	566.76	567.65	566.37
9/28/07	575.49	573.51	569.74	569.62	572.23	572.00	570.74	569.19	566.64	566.89	567.02	567.42	566.46
10/3/07	575.59	573.36	569.89	569.77	572.12	572.15	566.24	569.27	566.45	566.81	567.04	567.57	566.37
10/10/07	575.70	573.46	570.03	569.86	572.31	572.09	565.87	569.28	566.75	566.93	567.10	567.48	566.61
10/17/07	575.79	573.71	569.88	569.57	572.35	571.68	570.79	569.26	566.76	566.92	567.03	567.53	566.52
10/26/07	575.74	573.82	569.99	569.85	572.43	571.55	570.89	569.41	566.62	566.82	566.91	567.72	566.51
11/1/07	575.76	573.58	569.89	569.76	572.09	572.09	570.14	569.18	566.81	566.81	566.90	567.58	566.40
11/19/07	575.75	573.65	569.59	569.50	571.93	571.69	571.34	569.19	566.77	566.95	567.10	567.66	566.27
11/30/07	575.72	573.77	569.91	569.81	572.06	571.77	571.09	569.25	566.80	566.83	567.05	567.78	566.60
12/7/07	575.55	573.97	570.13	570.01	572.64	572.08	570.59	569.31	566.56	566.80	567.16	567.46	566.66
12/14/07	575.58	573.88	570.08	569.91	572.66	571.92	570.59	569.40	566.68	566.75	566.90	567.53	566.62
12/18/07	575.50	574.09	570.16	569.93	572.50	571.82	570.34	569.41	566.62	566.75	567.07	567.56	566.60
12/24/07	575.65	574.22	570.07	569.96	572.38	571.76	570.84	569.42	566.70	566.73	566.92	567.68	566.65

Appendix C-1
Historical Water Table Elevations

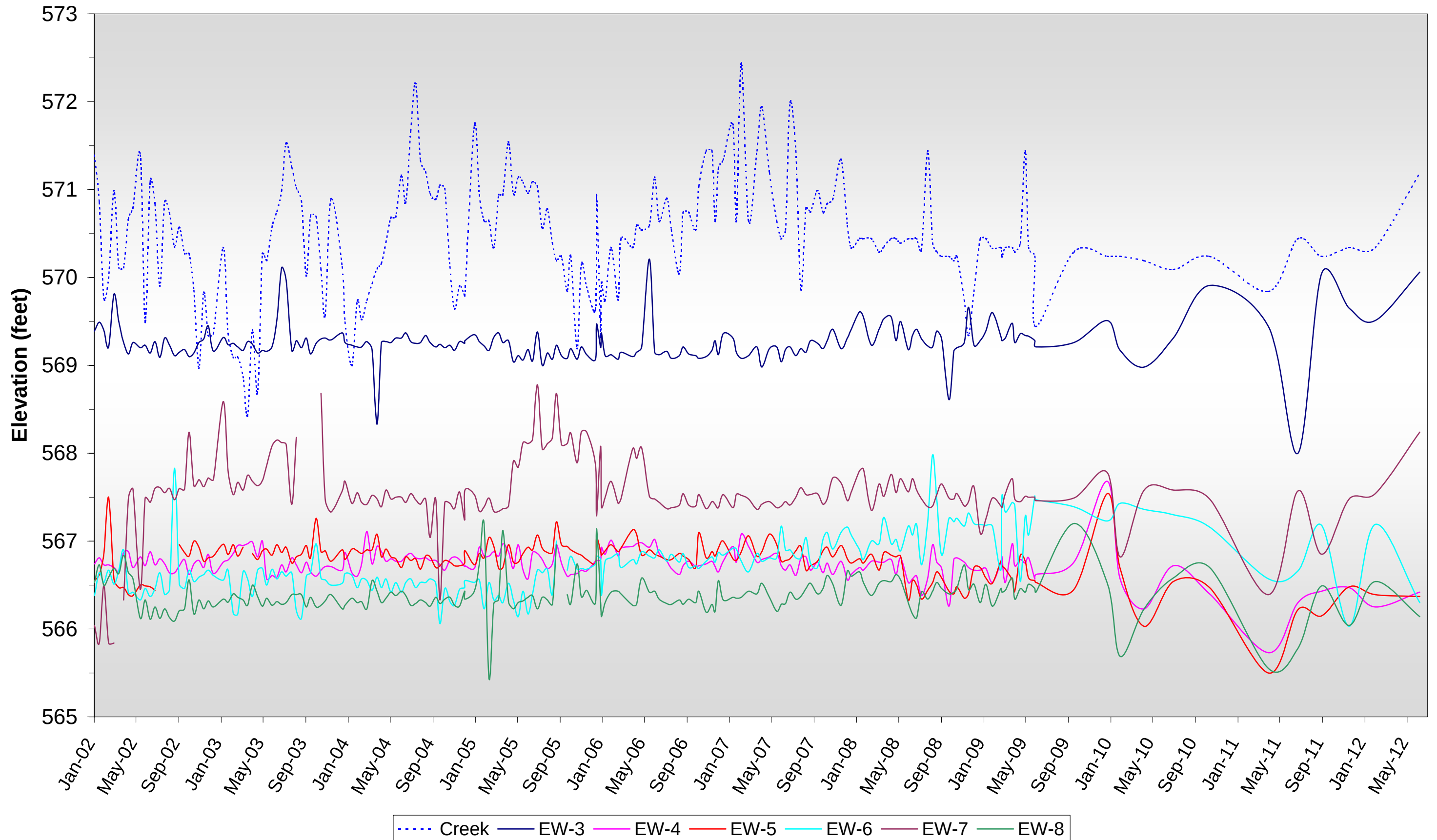
Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/3/08	575.80	573.96	569.72	569.71	572.39	571.75	570.84	569.68	566.67	566.85	566.95	567.78	566.77
1/11/08	575.78	574.03	569.71	569.70	572.35	571.68	570.44	569.61	566.70	566.80	566.90	567.80	566.65
1/15/08	575.75	574.07	569.79	569.63	572.36	571.55	570.64	569.50	566.74	566.82	566.81	567.76	566.63
1/22/08	575.77	574.04	569.81	569.71	572.43	571.48	570.44	569.55	566.67	566.75	566.79	567.82	566.53
2/1/08	575.76	576.11	569.89	569.82	572.68	571.42	570.54	569.48	566.62	566.67	566.77	567.70	566.58
2/14/08	575.79	574.07	570.13	570.03	572.78	572.33	570.44	569.23	566.77	566.85	567.00	567.35	566.38
2/27/08	575.77	574.11	569.99	570.03	572.86	572.31	570.39	569.28	566.59	566.93	567.12	567.53	566.45
3/7/08	575.75	574.07	570.01	569.96	572.87	572.32	570.29	569.41	566.76	566.67	566.97	567.65	566.52
3/12/08	575.80	574.10	570.26	570.08	572.88	572.17	570.15	569.41	566.63	566.99	567.23	567.48	566.43
3/21/08	575.82	574.21	570.23	569.93	572.75	572.15	570.35	569.53	566.76	566.87	567.27	567.51	566.55
4/4/08	575.86	574.23	570.13	571.00	572.80	571.98	570.44	569.51	566.81	566.83	567.02	567.65	566.62
4/11/08	575.72	574.17	570.21	570.83	572.76	571.88	570.44	569.55	566.79	566.84	566.97	567.76	566.54
4/18/08	575.60	574.08	569.99	570.07	572.81	571.82	570.39	569.66	566.85	566.67	566.90	567.80	566.49
4/25/08	575.77	573.93	569.92	569.80	572.60	571.82	570.44	569.28	566.62	566.82	567.02	567.55	566.62
5/2/08	575.75	574.02	569.93	569.83	572.48	571.78	570.44	569.34	566.87	566.72	566.97	567.62	566.58
5/8/08	575.73	574.07	569.91	569.85	572.55	571.77	570.39	569.50	566.81	566.83	566.89	567.71	566.56
5/21/08	575.54	573.93	571.13	571.05	572.73	571.91	570.29	569.23	566.60	566.40	567.07	567.43	566.51
5/30/08	575.55	573.86	569.78	569.60	572.51	571.64	570.44	569.18	566.53	566.33	567.17	567.56	566.30
6/6/08	575.53	574.22	569.82	569.52	572.58	571.57	570.39	569.23	566.62	566.47	567.14	567.68	566.12
6/11/08	575.57	574.17	569.89	569.55	572.64	571.46	570.44	569.34	566.57	566.55	567.07	567.71	566.17
6/20/08	575.55	574.18	569.87	569.50	572.63	571.48	570.44	569.48	566.59	566.53	566.87	567.68	566.25
6/23/08	575.54	574.11	569.79	569.57	572.63	571.47	570.44	569.41	566.60	566.50	567.19	567.58	566.13
7/1/08	575.85	573.71	569.49	569.37	572.50	571.40	570.29	569.28	566.51	566.48	566.94	567.11	566.45
7/7/08	575.75	573.63	569.55	569.34	572.36	571.30	570.31	569.30	566.38	566.34	566.73	567.48	566.42
7/16/08	575.76	573.50	569.30	569.16	572.63	571.39	570.31	569.22	566.48	566.24	566.98	567.42	566.44
7/25/08	575.94	573.69	569.45	569.34	572.72	571.72	571.44	569.22	566.58	566.44	567.23	567.39	566.34
7/31/08	575.11	572.88	569.64	569.62	572.41	571.77	570.24	569.26	566.47	566.47	567.27	567.58	566.42
8/8/08	575.18	572.95	569.57	569.33	572.33	571.75	570.39	569.21	566.96	566.53	567.98	567.40	566.43
8/15/08	575.29	572.92	569.59	569.42	572.46	571.57	570.44	569.30	566.79	566.58	567.51	567.48	566.51
8/20/08	575.35	572.99	569.64	569.41	572.40	571.52	570.29	569.39	566.76	566.65	567.47	567.53	566.53
8/27/08	575.75	573.50	569.95	569.80	572.51	571.30	570.14	569.33	566.67	566.50	566.76	567.58	566.53
9/3/08	575.73	573.51	569.91	569.77	572.40	571.35	570.24	569.30	566.69	566.58	566.84	567.65	566.46
9/15/08	575.67	573.73	569.81	569.58	572.88	571.80	570.24	569.28	566.83	566.42	567.27	567.45	566.35
9/24/08	575.79	573.35	569.60	569.45	571.98	571.13	570.24	568.61	566.26	566.43	567.26	567.49	566.40
10/8/08	575.75	573.43	569.62	569.55	572.73	571.27	570.19	569.16	566.79	566.40	567.22	567.48	566.42
10/17/08	575.77	573.47	569.59	569.45	572.53	571.53	570.24	569.20	566.81	566.48	567.26	567.54	566.46
11/7/08	575.49	573.45	569.88	569.71	572.01	570.48	569.74	569.26	566.76	566.35	567.17	567.40	566.73
11/14/08	575.56	573.82	569.91	569.92	572.08	570.56	570.29	569.28	566.71	566.55	567.14	567.56	566.70
11/19/08	575.53	573.88	569.98	569.76	572.20	570.57	569.34	569.66	566.70	566.40	567.32	567.45	566.45
11/24/08	575.73	573.63	569.84	569.72	572.40	571.17	569.64	569.31	566.72	566.37	567.16	567.60	566.38
12/5/08	575.68	573.72	569.89	569.76	572.46	571.21	569.84	569.23	566.67	566.70	567.20	567.62	566.51
12/12/08	575.59	573.77	570.03	569.86	572.85	571.18	570.24	569.71	566.66	566.67	567.22	567.50	566.41
12/23/08	575.84	573.78	569.79	569.65	572.62	571.47	570.44	569.28	566.67	566.70	567.19	567.09	566.30
12/30/08	575.76	573.82	569.76	569.58	572.60	571.46	570.39	569.26	566.74	566.58	567.17	567.15	566.46

Appendix C-1
Historical Water Table Elevations

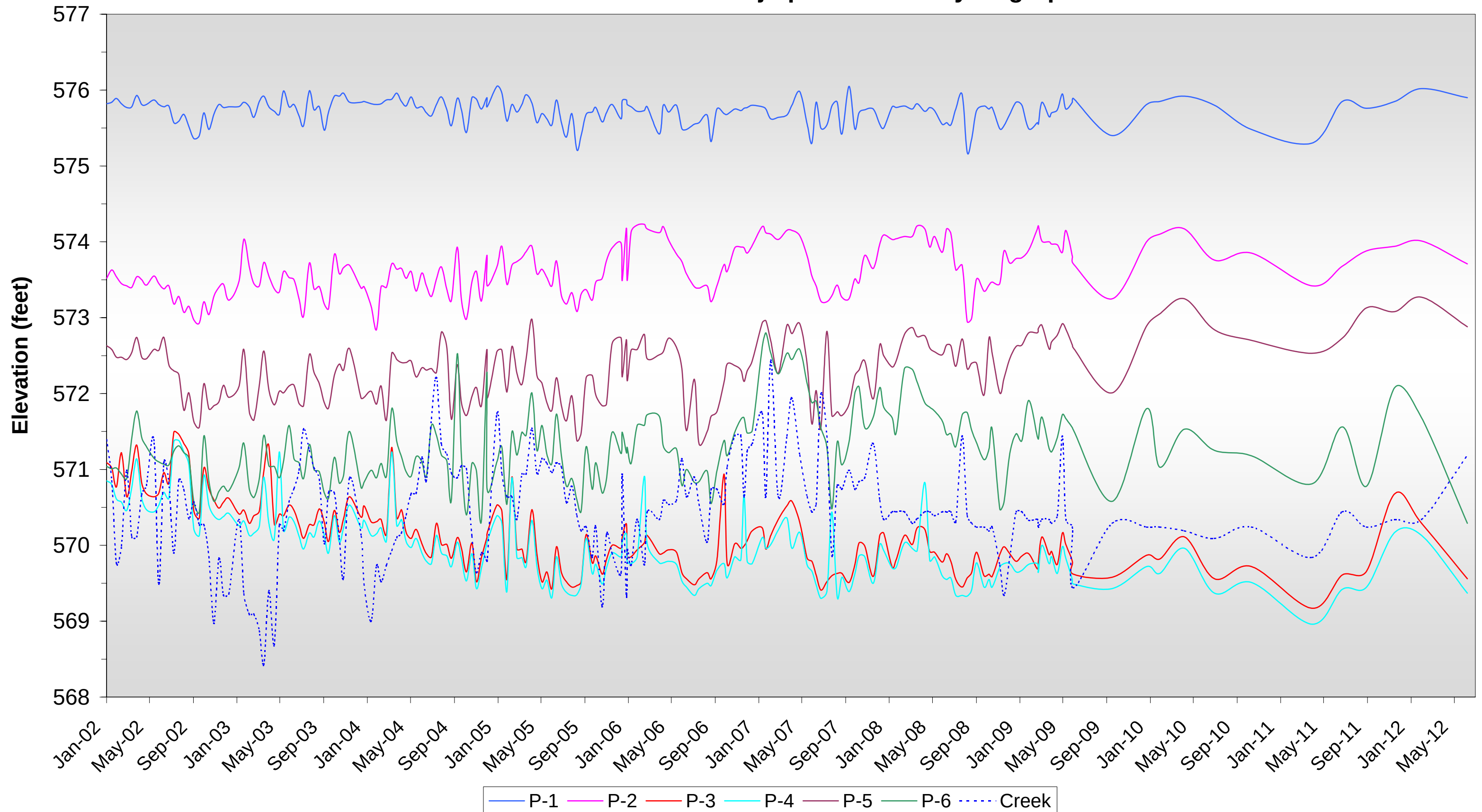
Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/8/09	575.80	573.79	569.86	569.67	572.64	571.38	570.44	569.39	566.69	566.58	567.18	567.25	566.51
1/27/09	575.49	573.89	569.89	569.75	572.80	571.91	570.33	569.60	566.53	566.52	567.17	567.49	566.26
2/20/09	575.57	574.17	569.69	569.76	572.80	571.43	570.34	569.33	566.76	566.77	566.67	567.40	566.46
2/23/09	575.55	574.21	569.79	569.65	572.86	571.40	570.24	569.28	566.82	566.72	567.51	567.38	566.42
3/5/09	575.84	574.01	570.11	570.00	572.90	571.69	570.34	569.31	566.53	566.68	567.33	567.54	566.44
3/18/09	575.64	573.96	569.83	569.81	572.81	571.32	570.39	569.31	566.89	566.67	567.57	567.40	566.52
3/25/09	575.65	574.00	569.88	569.76	572.59	571.28	570.34	569.48	566.97	566.56	567.44	567.71	566.58
4/1/09	575.70	573.97	569.92	569.85	572.68	571.23	570.29	569.26	566.72	566.43	567.41	567.48	566.34
4/10/09	575.69	573.98	570.24	569.66	572.92	571.47	570.39	569.31	566.64	566.63	567.53	567.37	566.46
4/17/09	575.74	573.96	569.75	569.63	572.77	571.42	570.39	569.36	566.79	566.84	566.54	567.45	566.46
4/23/09	575.73	574.00	569.74	569.70	572.75	571.38	570.34	569.41	566.81	566.83	566.58	567.52	566.58
5/1/09	575.95	573.86	570.16	569.98	572.92	571.72	571.44	569.34	566.75	566.77	567.28	567.51	566.42
5/6/09	575.80	573.95	570.03	569.88	572.81	571.77	570.44	569.43	566.81	566.75	567.17	567.52	566.46
5/11/09	575.75	574.15	570.01	569.83	572.85	571.67	570.34	569.33	566.81	566.58	567.07	567.50	566.51
5/21/09	575.70	574.10	569.89	569.76	572.81	571.62	570.24	569.15	566.69	566.63	567.37	567.58	566.41
5/29/09	575.84	573.81	569.79	569.55	572.64	571.55	570.24	569.28	566.57	566.55	567.51	567.50	566.46
6/1/09	575.89	573.71	569.62	569.49	572.60	571.52	569.44	569.21	566.62	566.53	567.47	567.46	566.42
9/18/09	575.40	573.25	569.58	569.43	572.01	570.58	570.29	569.26	566.76	566.45	567.39	567.49	567.20
12/23/09	575.81	574.00	569.87	569.72	572.89	571.80	570.24	569.51	567.68	567.54	567.23	567.78	566.52
1/29/10	575.85	574.10	569.82	569.63	573.05	571.03	570.24	569.17	566.57	566.69	567.43	566.82	565.69
4/8/10	575.92	574.17	570.11	569.96	573.25	571.53	570.19	568.98	566.23	566.03	567.36	567.58	566.23
7/1/10	575.80	573.76	569.56	569.37	572.84	571.25	570.09	569.31	566.72	566.54	567.30	567.58	566.58
10/13/10	575.48	573.85	569.72	569.51	572.70	571.18	570.24	569.91	566.40	566.47	567.16	567.48	566.70
3/31/11	575.30	572.89	568.83	568.18	571.87	570.68	577.16	569.58	565.61	565.42	566.85	566.66	565.07
6/24/11	575.85	573.15	569.27	568.64	572.07	571.43	577.76	568.14	566.18	566.14	566.94	567.84	565.30
8/31/11	575.76	573.88	569.66	569.45	573.13	570.78	570.24	570.04	566.43	566.15	567.18	566.85	566.49
11/18/11	575.85	573.94	570.68	570.17	573.08	572.08	570.34	569.65	566.47	566.48	566.03	567.48	566.04
2/1/12	576.02	574.01	570.29	570.13	573.27	571.68	570.34	569.51	566.25	566.39	567.19	567.54	566.54
6/8/12	575.90	573.71	569.56	569.37	572.88	570.29	571.19	570.06	566.42	566.37	566.30	568.24	566.14

APPENDIX C-2
Historical Extraction Well and Piezometer Hydrographs

Appendix C-2 Historical Extraction Well and Scajaquada Creek Hydrograph



Appendix C-2 Historical Piezometer and Scajaquada Creek Hydrograph



APPENDIX D
Monthly NAPL Gauging Sheets

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Gauge and Bail

Gauge Date: 9/21/2012

	Well Name	Well Size	Total Depth *1	Depth To LNAPL	Depth To Water	Depth To DNAPL	Total Measured Depth	Amount of LNAPL Recovered	Amount of DNAPL Recovered	Depth Of Pump	Comments
Extraction Wells *	EW-3	8"	26		16.40						Obstruction at 19.80 ft below top of vault grate
	EW-4	8"	28		21.30		24.60				Total measured depth approximate
	EW-5	8"	29		21.35		25.00				Total measured depth approximate
	EW-6	8"	28		19.90	24.50	24.70				Total measured depth approximate
	EW-7	8"	28		19.80	24.50	24.90				
	EW-8	8"	28		20.10	25.00	25.10				
Piezometers	P-1	2"	20		15.15		22.20			NA	
	P-2	2"	25		17.12		27.60			NA	Sock in well. Nothing on sock
	P-3	2"	30		20.78		31.90			NA	
	P-4	2"	29		21.42		31.60			NA	
	P-5	2"	28		18.12	29.30	29.60		~2 gallons	NA	Sock in well. Recovered approx. 2 gallons of DNAPL and water
	P-6	2"	28	20.14	20.15	28.30	28.60			NA	Sock in well. Well is damaged and unable to get stainless steel bailer down. Absorbent sock was installed.
Semi-Annual Groundwater Monitoring Wells	B-6	2"	*2		18.65		27.20			NA	
	B-7	1 1/2"	*2		20.12		28.60			NA	
	B-8	2"	*2		18.91		27.60			NA	
	MW-F2	2"	*2		8.90		30.50			NA	
	MW-F3	2"	*2		6.40		22.25			NA	
	MW-F4	2"	*2		16.15		23.40			NA	
	PS-1	4"	*2		9.00		19.90			NA	
	B-3	2"	*2		7.50		18.10			NA	

Notes:

* Extraction well measured total depth was from top of grate in vault

*1 Total depth's were taken from tables in the O&M Manual

*2 We do not have total installed depth on any monitoring well.

APPENDIX E
Monthly Treatment System Analytical Data Packages

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: 480-15238-1

Client Project/Site: Bristol Myers Squibb Monthly

For:

Groundwater & Environmental Services Inc

158 Sonwil Drive

Cheektowaga, New York 14225

Attn: Mr. Andrew Janik



Authorized for release by:

2/3/2012 5:09:17 PM

Denise Giglia

Project Manager I

denise.giglia@testamericainc.com

LINKS

Review your project
results through

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Have a Question?



Visit us at:

www.testamericainc.com

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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

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
*	RPD of the LCS and LCSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time
E	Result exceeded calibration range.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Job ID: 480-15238-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-15238-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 624: The following sample was composited by the laboratory on 1/23/12 as requested on the chain-of-custody: COMPOSITE 001 (480-15238-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 625: Surrogate recovery was outside control limits for the following method blank : (MB 480-49280/1-A). Re-preparation and re-analysis is required for all associated samples.

Method 625: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 49280 exceeded control limits for the following analyte: 3,3'-Dichlorobenzidine.

Method 625: The continuing calibration verification (CCV) for Pyrene associated with batch 49368 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 625: The continuing calibration verification (CCV) for 2,4- Dinitrophenol and 2,6- Dinitro-2-methylphenol associated with batch 50173 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals

Method 200.7 Rev 4.4: The Method Blank for batch 480-48991 contained total zinc above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample COMPOSITE 001 (480-15238-1) was not performed.

No other analytical or quality issues were noted.

General Chemistry

Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: COMPOSITE 001 (480-15238-1)

No other analytical or quality issues were noted.

Organic Prep

Method 625: Re-extraction of the following samples was performed outside of the preparation holding time: COMPOSITE 001 (480-15238-1).

No other analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-15238-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol - RE	6.4	H	4.9	0.12	ug/L	1		625	Total/NA
Zinc	0.0037	J B	0.010	0.0017	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.33		0.010	0.0050	mg/L	1		335.4	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.23	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-15238-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.84	J	5.0	0.60	ug/L	1		624	Total/NA
Ethylbenzene	0.54	J	5.0	0.46	ug/L	1		624	Total/NA
Toluene	4.0	J	5.0	0.45	ug/L	1		624	Total/NA

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-15238-1

Date Collected: 01/19/12 14:00

Matrix: Water

Date Received: 01/20/12 17:10

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			01/23/12 14:24	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/23/12 14:24	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/23/12 14:24	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/23/12 14:24	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/23/12 14:24	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			01/23/12 14:24	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/23/12 14:24	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/23/12 14:24	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/23/12 14:24	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/23/12 14:24	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			01/23/12 14:24	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			01/23/12 14:24	1
Acrolein	ND		100	17	ug/L			01/23/12 14:24	1
Acrylonitrile	ND		25	1.9	ug/L			01/23/12 14:24	1
Benzene	ND		5.0	0.60	ug/L			01/23/12 14:24	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/23/12 14:24	1
Bromoform	ND		5.0	0.47	ug/L			01/23/12 14:24	1
Bromomethane	ND		5.0	1.2	ug/L			01/23/12 14:24	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/23/12 14:24	1
Chlorobenzene	ND		5.0	0.48	ug/L			01/23/12 14:24	1
Chloroethane	ND		5.0	0.87	ug/L			01/23/12 14:24	1
Chloroform	ND		5.0	0.54	ug/L			01/23/12 14:24	1
Chloromethane	ND		5.0	0.64	ug/L			01/23/12 14:24	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/23/12 14:24	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/23/12 14:24	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			01/23/12 14:24	1
Ethylbenzene	ND		5.0	0.46	ug/L			01/23/12 14:24	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/23/12 14:24	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/23/12 14:24	1
Toluene	ND		5.0	0.45	ug/L			01/23/12 14:24	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/23/12 14:24	1
Trichloroethene	ND		5.0	0.60	ug/L			01/23/12 14:24	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/23/12 14:24	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/23/12 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		72 - 130		01/23/12 14:24	1
4-Bromofluorobenzene (Surr)	97		69 - 121		01/23/12 14:24	1
Toluene-d8 (Surr)	98		70 - 123		01/23/12 14:24	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.5	0.47	ug/L		01/25/12 15:45	01/26/12 19:30	1
1,2-Dichlorobenzene	ND		9.5	0.14	ug/L		01/25/12 15:45	01/26/12 19:30	1
1,2-Diphenylhydrazine	ND		9.5	0.060	ug/L		01/25/12 15:45	01/26/12 19:30	1
1,3-Dichlorobenzene	ND		9.5	0.065	ug/L		01/25/12 15:45	01/26/12 19:30	1
1,4-Dichlorobenzene	ND		9.5	0.085	ug/L		01/25/12 15:45	01/26/12 19:30	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		01/25/12 15:45	01/26/12 19:30	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		01/25/12 15:45	01/26/12 19:30	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		01/25/12 15:45	01/26/12 19:30	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-15238-1

Date Collected: 01/19/12 14:00

Matrix: Water

Date Received: 01/20/12 17:10

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		4.7	0.13	ug/L		01/25/12 15:45	01/26/12 19:30	1
2,4-Dinitrophenol	ND		9.5	0.80	ug/L		01/25/12 15:45	01/26/12 19:30	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		01/25/12 15:45	01/26/12 19:30	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		01/25/12 15:45	01/26/12 19:30	1
2-Chloronaphthalene	ND		4.7	0.064	ug/L		01/25/12 15:45	01/26/12 19:30	1
2-Chlorophenol	ND		4.7	0.15	ug/L		01/25/12 15:45	01/26/12 19:30	1
2-Nitrophenol	ND		4.7	0.14	ug/L		01/25/12 15:45	01/26/12 19:30	1
3,3'-Dichlorobenzidine	ND	*	4.7	0.78	ug/L		01/25/12 15:45	01/26/12 19:30	1
4,6-Dinitro-2-methylphenol	ND		9.5	0.72	ug/L		01/25/12 15:45	01/26/12 19:30	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		01/25/12 15:45	01/26/12 19:30	1
4-Chloro-3-methylphenol	ND		4.7	0.53	ug/L		01/25/12 15:45	01/26/12 19:30	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		01/25/12 15:45	01/26/12 19:30	1
4-Nitrophenol	ND		9.5	1.3	ug/L		01/25/12 15:45	01/26/12 19:30	1
Acenaphthene	ND		4.7	0.057	ug/L		01/25/12 15:45	01/26/12 19:30	1
Acenaphthylene	ND		4.7	0.032	ug/L		01/25/12 15:45	01/26/12 19:30	1
Anthracene	ND		4.7	0.050	ug/L		01/25/12 15:45	01/26/12 19:30	1
Benzidine	ND		76	2.4	ug/L		01/25/12 15:45	01/26/12 19:30	1
Benzo[a]anthracene	ND		4.7	0.041	ug/L		01/25/12 15:45	01/26/12 19:30	1
Benzo[a]pyrene	ND		4.7	0.055	ug/L		01/25/12 15:45	01/26/12 19:30	1
Benzo[b]fluoranthene	ND		4.7	0.058	ug/L		01/25/12 15:45	01/26/12 19:30	1
Benzo[g,h,i]perylene	ND		4.7	0.095	ug/L		01/25/12 15:45	01/26/12 19:30	1
Benzo[k]fluoranthene	ND		4.7	0.040	ug/L		01/25/12 15:45	01/26/12 19:30	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		01/25/12 15:45	01/26/12 19:30	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		01/25/12 15:45	01/26/12 19:30	1
Bis(2-ethylhexyl) phthalate	ND		9.5	0.82	ug/L		01/25/12 15:45	01/26/12 19:30	1
Butyl benzyl phthalate	ND		4.7	1.2	ug/L		01/25/12 15:45	01/26/12 19:30	1
Chrysene	ND		4.7	0.034	ug/L		01/25/12 15:45	01/26/12 19:30	1
Decane	ND		9.5	1.5	ug/L		01/25/12 15:45	01/26/12 19:30	1
Dibenz(a,h)anthracene	ND		4.7	0.052	ug/L		01/25/12 15:45	01/26/12 19:30	1
Diethyl phthalate	ND		4.7	0.16	ug/L		01/25/12 15:45	01/26/12 19:30	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		01/25/12 15:45	01/26/12 19:30	1
Di-n-butyl phthalate	ND		4.7	0.89	ug/L		01/25/12 15:45	01/26/12 19:30	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		01/25/12 15:45	01/26/12 19:30	1
Fluoranthene	ND		4.7	0.10	ug/L		01/25/12 15:45	01/26/12 19:30	1
Fluorene	ND		4.7	0.041	ug/L		01/25/12 15:45	01/26/12 19:30	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		01/25/12 15:45	01/26/12 19:30	1
Hexachlorobutadiene	ND		4.7	0.58	ug/L		01/25/12 15:45	01/26/12 19:30	1
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L		01/25/12 15:45	01/26/12 19:30	1
Hexachloroethane	ND		4.7	0.46	ug/L		01/25/12 15:45	01/26/12 19:30	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.18	ug/L		01/25/12 15:45	01/26/12 19:30	1
Isophorone	ND		4.7	0.15	ug/L		01/25/12 15:45	01/26/12 19:30	1
Naphthalene	ND		4.7	0.076	ug/L		01/25/12 15:45	01/26/12 19:30	1
Nitrobenzene	ND		4.7	0.10	ug/L		01/25/12 15:45	01/26/12 19:30	1
N-Nitrosodimethylamine	ND		9.5	0.91	ug/L		01/25/12 15:45	01/26/12 19:30	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		01/25/12 15:45	01/26/12 19:30	1
N-Nitrosodiphenylamine	ND		4.7	0.38	ug/L		01/25/12 15:45	01/26/12 19:30	1
n-Octadecane	ND		9.5	0.66	ug/L		01/25/12 15:45	01/26/12 19:30	1
Pentachlorophenol	ND		9.5	0.39	ug/L		01/25/12 15:45	01/26/12 19:30	1
Phenanthrene	ND		4.7	0.067	ug/L		01/25/12 15:45	01/26/12 19:30	1
Phenol	ND		4.7	0.11	ug/L		01/25/12 15:45	01/26/12 19:30	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-15238-1

Date Collected: 01/19/12 14:00

Matrix: Water

Date Received: 01/20/12 17:10

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		4.7	0.039	ug/L		01/25/12 15:45	01/26/12 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	134		52 - 151				01/25/12 15:45	01/26/12 19:30	1
2-Fluorobiphenyl	79		44 - 120				01/25/12 15:45	01/26/12 19:30	1
2-Fluorophenol	42		17 - 120				01/25/12 15:45	01/26/12 19:30	1
Nitrobenzene-d5	74		42 - 120				01/25/12 15:45	01/26/12 19:30	1
Phenol-d5	32		10 - 120				01/25/12 15:45	01/26/12 19:30	1
p-Terphenyl-d14	108		22 - 125				01/25/12 15:45	01/26/12 19:30	1

Method: 625 - Semivolatile Organic Compounds (GC/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	H	9.7	0.48	ug/L		01/31/12 07:40	02/02/12 19:47	1
1,2-Dichlorobenzene	ND	H	9.7	0.14	ug/L		01/31/12 07:40	02/02/12 19:47	1
1,2-Diphenylhydrazine	ND	H	9.7	0.061	ug/L		01/31/12 07:40	02/02/12 19:47	1
1,3-Dichlorobenzene	ND	H	9.7	0.067	ug/L		01/31/12 07:40	02/02/12 19:47	1
1,4-Dichlorobenzene	ND	H	9.7	0.087	ug/L		01/31/12 07:40	02/02/12 19:47	1
2,2'-Oxybis(1-chloropropane)	ND	H	4.9	0.083	ug/L		01/31/12 07:40	02/02/12 19:47	1
2,4,6-Trichlorophenol	ND	H	4.9	0.23	ug/L		01/31/12 07:40	02/02/12 19:47	1
2,4-Dichlorophenol	ND	H	4.9	0.29	ug/L		01/31/12 07:40	02/02/12 19:47	1
2,4-Dimethylphenol	ND	H	4.9	0.13	ug/L		01/31/12 07:40	02/02/12 19:47	1
2,4-Dinitrophenol	ND	H	9.7	0.81	ug/L		01/31/12 07:40	02/02/12 19:47	1
2,4-Dinitrotoluene	ND	H	4.9	0.26	ug/L		01/31/12 07:40	02/02/12 19:47	1
2,6-Dinitrotoluene	ND	H	4.9	0.70	ug/L		01/31/12 07:40	02/02/12 19:47	1
2-Chloronaphthalene	ND	H	4.9	0.066	ug/L		01/31/12 07:40	02/02/12 19:47	1
2-Chlorophenol	ND	H	4.9	0.15	ug/L		01/31/12 07:40	02/02/12 19:47	1
2-Nitrophenol	ND	H	4.9	0.14	ug/L		01/31/12 07:40	02/02/12 19:47	1
3,3'-Dichlorobenzidine	ND	H	4.9	0.80	ug/L		01/31/12 07:40	02/02/12 19:47	1
4,6-Dinitro-2-methylphenol	ND	H	9.7	0.74	ug/L		01/31/12 07:40	02/02/12 19:47	1
4-Bromophenyl phenyl ether	ND	H	4.9	0.11	ug/L		01/31/12 07:40	02/02/12 19:47	1
4-Chloro-3-methylphenol	ND	H	4.9	0.54	ug/L		01/31/12 07:40	02/02/12 19:47	1
4-Chlorophenyl phenyl ether	ND	H	4.9	0.20	ug/L		01/31/12 07:40	02/02/12 19:47	1
4-Nitrophenol	ND	H	9.7	1.3	ug/L		01/31/12 07:40	02/02/12 19:47	1
Acenaphthene	ND	H	4.9	0.058	ug/L		01/31/12 07:40	02/02/12 19:47	1
Acenaphthylene	ND	H	4.9	0.033	ug/L		01/31/12 07:40	02/02/12 19:47	1
Anthracene	ND	H	4.9	0.051	ug/L		01/31/12 07:40	02/02/12 19:47	1
Benzidine	ND	H	78	2.4	ug/L		01/31/12 07:40	02/02/12 19:47	1
Benzo[a]anthracene	ND	H	4.9	0.042	ug/L		01/31/12 07:40	02/02/12 19:47	1
Benzo[a]pyrene	ND	H	4.9	0.056	ug/L		01/31/12 07:40	02/02/12 19:47	1
Benzo[b]fluoranthene	ND	H	4.9	0.060	ug/L		01/31/12 07:40	02/02/12 19:47	1
Benzo[g,h,i]perylene	ND	H	4.9	0.097	ug/L		01/31/12 07:40	02/02/12 19:47	1
Benzo[k]fluoranthene	ND	H	4.9	0.041	ug/L		01/31/12 07:40	02/02/12 19:47	1
Bis(2-chloroethoxy)methane	ND	H	4.9	0.082	ug/L		01/31/12 07:40	02/02/12 19:47	1
Bis(2-chloroethyl)ether	ND	H	4.9	1.1	ug/L		01/31/12 07:40	02/02/12 19:47	1
Bis(2-ethylhexyl) phthalate	ND	H	9.7	0.84	ug/L		01/31/12 07:40	02/02/12 19:47	1
Butyl benzyl phthalate	ND	H	4.9	1.3	ug/L		01/31/12 07:40	02/02/12 19:47	1
Chrysene	ND	H	4.9	0.035	ug/L		01/31/12 07:40	02/02/12 19:47	1
Decane	ND	H	9.7	1.5	ug/L		01/31/12 07:40	02/02/12 19:47	1
Dibenz(a,h)anthracene	ND	H	4.9	0.054	ug/L		01/31/12 07:40	02/02/12 19:47	1
Diethyl phthalate	ND	H	4.9	0.17	ug/L		01/31/12 07:40	02/02/12 19:47	1
Dimethyl phthalate	ND	H	4.9	0.16	ug/L		01/31/12 07:40	02/02/12 19:47	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-15238-1

Date Collected: 01/19/12 14:00

Matrix: Water

Date Received: 01/20/12 17:10

Method: 625 - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND	H	4.9	0.91	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Di-n-octyl phthalate	ND	H	4.9	4.3	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Fluoranthene	ND	H	4.9	0.11	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Fluorene	ND	H	4.9	0.041	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Hexachlorobenzene	ND	H	4.9	0.27	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Hexachlorobutadiene	ND	H	4.9	0.60	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Hexachlorocyclopentadiene	ND	H	4.9	0.44	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Hexachloroethane	ND	H	4.9	0.47	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Indeno[1,2,3-cd]pyrene	ND	H	4.9	0.18	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Isophorone	ND	H	4.9	0.15	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Naphthalene	ND	H	4.9	0.078	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Nitrobenzene	ND	H	4.9	0.11	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
N-Nitrosodimethylamine	ND	H	9.7	0.93	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
N-Nitrosodi-n-propylamine	ND	H	4.9	0.22	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
N-Nitrosodiphenylamine	ND	H	4.9	0.38	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
n-Octadecane	ND	H	9.7	0.68	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Pentachlorophenol	ND	H	9.7	0.40	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Phenanthrene	ND	H	4.9	0.069	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Phenol	6.4	H	4.9	0.12	ug/L	—	01/31/12 07:40	02/02/12 19:47	1
Pyrene	ND	H	4.9	0.040	ug/L	—	01/31/12 07:40	02/02/12 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		52 - 151	01/31/12 07:40	02/02/12 19:47	1
2-Fluorobiphenyl	84		44 - 120	01/31/12 07:40	02/02/12 19:47	1
2-Fluorophenol	45		17 - 120	01/31/12 07:40	02/02/12 19:47	1
Nitrobenzene-d5	85		42 - 120	01/31/12 07:40	02/02/12 19:47	1
Phenol-d5	34		10 - 120	01/31/12 07:40	02/02/12 19:47	1
p-Terphenyl-d14	89		22 - 125	01/31/12 07:40	02/02/12 19:47	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0037	J B	0.010	0.0017	mg/L	—	01/24/12 08:15	01/25/12 20:19	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	—	01/24/12 12:30	01/24/12 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.33		0.010	0.0050	mg/L	—	01/23/12 16:30	01/24/12 12:08	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.23	HF	0.100	0.100	SU	—		01/20/12 23:44	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-15238-6

Date Collected: 01/19/12 00:00

Matrix: Water

Date Received: 01/20/12 17:10

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L	—		01/23/12 14:50	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-15238-6

Date Collected: 01/19/12 00:00

Matrix: Water

Date Received: 01/20/12 17:10

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/23/12 14:50	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/23/12 14:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/23/12 14:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/23/12 14:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			01/23/12 14:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/23/12 14:50	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/23/12 14:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/23/12 14:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/23/12 14:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			01/23/12 14:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			01/23/12 14:50	1
Acrolein	ND		100	17	ug/L			01/23/12 14:50	1
Acrylonitrile	ND		25	1.9	ug/L			01/23/12 14:50	1
Benzene	0.84	J	5.0	0.60	ug/L			01/23/12 14:50	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/23/12 14:50	1
Bromoform	ND		5.0	0.47	ug/L			01/23/12 14:50	1
Bromomethane	ND		5.0	1.2	ug/L			01/23/12 14:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/23/12 14:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			01/23/12 14:50	1
Chloroethane	ND		5.0	0.87	ug/L			01/23/12 14:50	1
Chloroform	ND		5.0	0.54	ug/L			01/23/12 14:50	1
Chloromethane	ND		5.0	0.64	ug/L			01/23/12 14:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/23/12 14:50	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/23/12 14:50	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			01/23/12 14:50	1
Ethylbenzene	0.54	J	5.0	0.46	ug/L			01/23/12 14:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/23/12 14:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/23/12 14:50	1
Toluene	4.0	J	5.0	0.45	ug/L			01/23/12 14:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/23/12 14:50	1
Trichloroethene	ND		5.0	0.60	ug/L			01/23/12 14:50	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/23/12 14:50	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/23/12 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		01/23/12 14:50	1
4-Bromofluorobenzene (Surr)	97		69 - 121		01/23/12 14:50	1
Toluene-d8 (Surr)	98		70 - 123		01/23/12 14:50	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (72-130)	BFB (69-121)	TOL (70-123)
480-15238-1	COMPOSITE 001	99	97	98
480-15238-6	TRIP BLANK	98	97	98
LCS 480-48949/4	Lab Control Sample	94	98	100
MB 480-48949/6	Method Blank	97	97	99
Surrogate Legend				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-15238-1	COMPOSITE 001	134	79	42	74	32	108
480-15238-1 - RE	COMPOSITE 001	105	84	45	85	34	89
LCS 480-49280/2-A	Lab Control Sample	113	94	56	88	38	107
LCS 480-49800/2-A	Lab Control Sample	112	92	53	97	40	111
LCSD 480-49280/3-A	Lab Control Sample Dup	129	88	50	95	38	115
LCSD 480-49800/3-A	Lab Control Sample Dup	108	85	49	91	36	110
MB 480-49280/1-A	Method Blank	133	108	58	103	45	133 X
MB 480-49800/1-A	Method Blank	103	84	47	87	35	112
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPH = p-Terphenyl-d14							

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-48949/6

Matrix: Water

Analysis Batch: 48949

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		5.0	0.39	ug/L			01/23/12 12:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/23/12 12:36	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/23/12 12:36	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/23/12 12:36	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/23/12 12:36	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			01/23/12 12:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/23/12 12:36	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/23/12 12:36	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/23/12 12:36	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/23/12 12:36	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			01/23/12 12:36	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			01/23/12 12:36	1
Acrolein	ND		100	17	ug/L			01/23/12 12:36	1
Acrylonitrile	ND		25	1.9	ug/L			01/23/12 12:36	1
Benzene	ND		5.0	0.60	ug/L			01/23/12 12:36	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/23/12 12:36	1
Bromoform	ND		5.0	0.47	ug/L			01/23/12 12:36	1
Bromomethane	ND		5.0	1.2	ug/L			01/23/12 12:36	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/23/12 12:36	1
Chlorobenzene	ND		5.0	0.48	ug/L			01/23/12 12:36	1
Chloroethane	ND		5.0	0.87	ug/L			01/23/12 12:36	1
Chloroform	ND		5.0	0.54	ug/L			01/23/12 12:36	1
Chloromethane	ND		5.0	0.64	ug/L			01/23/12 12:36	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/23/12 12:36	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/23/12 12:36	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			01/23/12 12:36	1
Ethylbenzene	ND		5.0	0.46	ug/L			01/23/12 12:36	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/23/12 12:36	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/23/12 12:36	1
Toluene	ND		5.0	0.45	ug/L			01/23/12 12:36	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/23/12 12:36	1
Trichloroethene	ND		5.0	0.60	ug/L			01/23/12 12:36	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/23/12 12:36	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/23/12 12:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		72 - 130		01/23/12 12:36	1
4-Bromofluorobenzene (Surr)	97		69 - 121		01/23/12 12:36	1
Toluene-d8 (Surr)	99		70 - 123		01/23/12 12:36	1

Lab Sample ID: LCS 480-48949/4

Matrix: Water

Analysis Batch: 48949

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	20.0	20.0		ug/L		100	75 - 125
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		105	61 - 140
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	71 - 129
1,1-Dichloroethane	20.0	19.3		ug/L		97	73 - 128

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-48949/4

Matrix: Water

Analysis Batch: 48949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	17.7		ug/L		89	51 - 150
1,2-Dichlorobenzene	20.0	20.9		ug/L		105	63 - 137
1,2-Dichloroethane	20.0	20.6		ug/L		103	68 - 132
1,2-Dichloropropane	20.0	20.9		ug/L		105	34 - 166
1,3-Dichlorobenzene	20.0	20.7		ug/L		104	73 - 127
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	63 - 137
2-Chloroethyl vinyl ether	100	119		ug/L		119	1 - 224
Benzene	20.0	20.7		ug/L		104	64 - 136
Bromodichloromethane	20.0	20.0		ug/L		100	66 - 135
Bromoform	20.0	18.8		ug/L		94	71 - 129
Bromomethane	20.0	19.6		ug/L		98	14 - 186
Carbon tetrachloride	20.0	18.8		ug/L		94	73 - 127
Chlorobenzene	20.0	20.3		ug/L		102	66 - 134
Chloroethane	20.0	19.8		ug/L		99	38 - 162
Chloroform	20.0	19.2		ug/L		96	68 - 133
Chloromethane	20.0	18.0		ug/L		90	1 - 204
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	24 - 176
Dibromochloromethane	20.0	20.0		ug/L		100	68 - 133
Ethylbenzene	20.0	20.6		ug/L		103	59 - 141
Methylene Chloride	20.0	18.7		ug/L		94	61 - 140
Tetrachloroethene	20.0	20.3		ug/L		102	74 - 127
Toluene	20.0	20.5		ug/L		103	75 - 126
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	50 - 150
Trichloroethene	20.0	19.6		ug/L		98	67 - 134
Trichlorofluoromethane	20.0	21.2		ug/L		106	48 - 152
Vinyl chloride	20.0	18.6		ug/L		93	4 - 196

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		72 - 130
4-Bromofluorobenzene (Surr)	98		69 - 121
Toluene-d8 (Surr)	100		70 - 123

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-49280/1-A

Matrix: Water

Analysis Batch: 49368

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		01/25/12 15:45	01/26/12 16:20	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		01/25/12 15:45	01/26/12 16:20	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		01/25/12 15:45	01/26/12 16:20	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		01/25/12 15:45	01/26/12 16:20	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		01/25/12 15:45	01/26/12 16:20	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		01/25/12 15:45	01/26/12 16:20	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		01/25/12 15:45	01/26/12 16:20	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		01/25/12 15:45	01/26/12 16:20	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		01/25/12 15:45	01/26/12 16:20	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		01/25/12 15:45	01/26/12 16:20	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-49280/1-A

Matrix: Water

Analysis Batch: 49368

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		01/25/12 15:45	01/26/12 16:20	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		01/25/12 15:45	01/26/12 16:20	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		01/25/12 15:45	01/26/12 16:20	1
2-Chlorophenol	ND		5.0	0.16	ug/L		01/25/12 15:45	01/26/12 16:20	1
2-Nitrophenol	ND		5.0	0.14	ug/L		01/25/12 15:45	01/26/12 16:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		01/25/12 15:45	01/26/12 16:20	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		01/25/12 15:45	01/26/12 16:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		01/25/12 15:45	01/26/12 16:20	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		01/25/12 15:45	01/26/12 16:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		01/25/12 15:45	01/26/12 16:20	1
4-Nitrophenol	ND		10	1.3	ug/L		01/25/12 15:45	01/26/12 16:20	1
Acenaphthene	ND		5.0	0.060	ug/L		01/25/12 15:45	01/26/12 16:20	1
Acenaphthylene	ND		5.0	0.034	ug/L		01/25/12 15:45	01/26/12 16:20	1
Anthracene	ND		5.0	0.052	ug/L		01/25/12 15:45	01/26/12 16:20	1
Benazidine	ND		80	2.5	ug/L		01/25/12 15:45	01/26/12 16:20	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		01/25/12 15:45	01/26/12 16:20	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		01/25/12 15:45	01/26/12 16:20	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		01/25/12 15:45	01/26/12 16:20	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		01/25/12 15:45	01/26/12 16:20	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		01/25/12 15:45	01/26/12 16:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		01/25/12 15:45	01/26/12 16:20	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		01/25/12 15:45	01/26/12 16:20	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		01/25/12 15:45	01/26/12 16:20	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		01/25/12 15:45	01/26/12 16:20	1
Chrysene	ND		5.0	0.036	ug/L		01/25/12 15:45	01/26/12 16:20	1
Decane	ND		10	1.6	ug/L		01/25/12 15:45	01/26/12 16:20	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		01/25/12 15:45	01/26/12 16:20	1
Diethyl phthalate	ND		5.0	0.17	ug/L		01/25/12 15:45	01/26/12 16:20	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		01/25/12 15:45	01/26/12 16:20	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		01/25/12 15:45	01/26/12 16:20	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		01/25/12 15:45	01/26/12 16:20	1
Fluoranthene	ND		5.0	0.11	ug/L		01/25/12 15:45	01/26/12 16:20	1
Fluorene	ND		5.0	0.043	ug/L		01/25/12 15:45	01/26/12 16:20	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		01/25/12 15:45	01/26/12 16:20	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		01/25/12 15:45	01/26/12 16:20	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		01/25/12 15:45	01/26/12 16:20	1
Hexachloroethane	ND		5.0	0.48	ug/L		01/25/12 15:45	01/26/12 16:20	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		01/25/12 15:45	01/26/12 16:20	1
Isophorone	ND		5.0	0.16	ug/L		01/25/12 15:45	01/26/12 16:20	1
Naphthalene	ND		5.0	0.080	ug/L		01/25/12 15:45	01/26/12 16:20	1
Nitrobenzene	ND		5.0	0.11	ug/L		01/25/12 15:45	01/26/12 16:20	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		01/25/12 15:45	01/26/12 16:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		01/25/12 15:45	01/26/12 16:20	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		01/25/12 15:45	01/26/12 16:20	1
n-Octadecane	ND		10	0.70	ug/L		01/25/12 15:45	01/26/12 16:20	1
Pentachlorophenol	ND		10	0.41	ug/L		01/25/12 15:45	01/26/12 16:20	1
Phenanthrene	ND		5.0	0.071	ug/L		01/25/12 15:45	01/26/12 16:20	1
Phenol	ND		5.0	0.12	ug/L		01/25/12 15:45	01/26/12 16:20	1
Pyrene	ND		5.0	0.041	ug/L		01/25/12 15:45	01/26/12 16:20	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-49280/1-A

Matrix: Water

Analysis Batch: 49368

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49280

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	133		52 - 151	01/25/12 15:45	01/26/12 16:20	1
2-Fluorobiphenyl	108		44 - 120	01/25/12 15:45	01/26/12 16:20	1
2-Fluorophenol	58		17 - 120	01/25/12 15:45	01/26/12 16:20	1
Nitrobenzene-d5	103		42 - 120	01/25/12 15:45	01/26/12 16:20	1
Phenol-d5	45		10 - 120	01/25/12 15:45	01/26/12 16:20	1
p-Terphenyl-d14	133	X	22 - 125	01/25/12 15:45	01/26/12 16:20	1

Lab Sample ID: LCS 480-49280/2-A

Matrix: Water

Analysis Batch: 49368

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	73.2		ug/L		73	44 - 142
1,2-Dichlorobenzene	100	85.4		ug/L		85	32 - 129
1,3-Dichlorobenzene	100	75.6		ug/L		76	1 - 172
1,4-Dichlorobenzene	100	79.3		ug/L		79	20 - 124
2,2'-Oxybis(1-chloropropane)	100	92.0		ug/L		92	36 - 166
2,4,6-Trichlorophenol	100	102		ug/L		102	37 - 144
2,4-Dichlorophenol	100	87.4		ug/L		87	39 - 135
2,4-Dimethylphenol	100	89.1		ug/L		89	32 - 119
2,4-Dinitrophenol	100	110		ug/L		110	1 - 191
2,4-Dinitrotoluene	100	109		ug/L		109	39 - 139
2,6-Dinitrotoluene	100	110		ug/L		110	50 - 158
2-Chloronaphthalene	100	93.1		ug/L		93	60 - 118
2-Chlorophenol	100	83.2		ug/L		83	23 - 134
2-Nitrophenol	100	88.9		ug/L		89	29 - 182
3,3'-Dichlorobenzidine	120	107		ug/L		89	1 - 262
4,6-Dinitro-2-methylphenol	100	109		ug/L		109	1 - 181
4-Bromophenyl phenyl ether	100	104		ug/L		104	53 - 127
4-Chloro-3-methylphenol	100	105		ug/L		105	22 - 147
4-Chlorophenyl phenyl ether	100	103		ug/L		103	25 - 158
4-Nitrophenol	100	59.8		ug/L		60	1 - 132
Acenaphthene	100	100		ug/L		100	47 - 145
Acenaphthylene	100	98.1		ug/L		98	33 - 145
Anthracene	100	107		ug/L		107	27 - 133
Benzo[a]anthracene	100	109		ug/L		109	33 - 143
Benzo[a]pyrene	100	111		ug/L		111	17 - 163
Benzo[b]fluoranthene	100	100		ug/L		100	24 - 159
Benzo[g,h,i]perylene	100	103		ug/L		103	1 - 219
Benzo[k]fluoranthene	100	110		ug/L		110	11 - 162
Bis(2-chloroethoxy)methane	100	91.4		ug/L		91	33 - 184
Bis(2-chloroethyl)ether	100	89.2		ug/L		89	12 - 158
Bis(2-ethylhexyl) phthalate	100	113		ug/L		113	8 - 158
Butyl benzyl phthalate	100	109		ug/L		109	1 - 152
Chrysene	100	106		ug/L		106	17 - 168
Dibenz(a,h)anthracene	100	118		ug/L		118	1 - 227
Diethyl phthalate	100	99.0		ug/L		99	1 - 114
Dimethyl phthalate	100	107		ug/L		107	1 - 112
Di-n-butyl phthalate	100	106		ug/L		106	1 - 118

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-49280/2-A

Matrix: Water

Analysis Batch: 49368

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	109		ug/L		109	4 - 146
Fluoranthene	100	107		ug/L		107	26 - 137
Fluorene	100	105		ug/L		105	59 - 121
Hexachlorobenzene	100	101		ug/L		101	1 - 152
Hexachlorocyclopentadiene	100	86.6		ug/L		87	5 - 120
Hexachloroethane	100	74.0		ug/L		74	40 - 113
Indeno[1,2,3-cd]pyrene	100	115		ug/L		115	1 - 171
Isophorone	100	74.7		ug/L		75	21 - 196
Naphthalene	100	87.9		ug/L		88	21 - 133
Nitrobenzene	100	89.1		ug/L		89	35 - 180
N-Nitrosodi-n-propylamine	100	102		ug/L		102	1 - 230
N-Nitrosodiphenylamine	100	100		ug/L		100	54 - 125
Pentachlorophenol	100	107		ug/L		107	14 - 176
Phenanthrene	100	109		ug/L		109	54 - 120
Phenol	100	41.9		ug/L		42	5 - 112
Pyrene	100	112		ug/L		112	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	113		52 - 151
2-Fluorobiphenyl	94		44 - 120
2-Fluorophenol	56		17 - 120
Nitrobenzene-d5	88		42 - 120
Phenol-d5	38		10 - 120
p-Terphenyl-d14	107		22 - 125

Lab Sample ID: LCSD 480-49280/3-A

Matrix: Water

Analysis Batch: 49368

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4-Trichlorobenzene	100	74.6		ug/L		75	44 - 142	2	34
1,2-Dichlorobenzene	100	75.5		ug/L		76	32 - 129	12	38
1,3-Dichlorobenzene	100	65.2		ug/L		65	1 - 172	15	37
1,4-Dichlorobenzene	100	69.1		ug/L		69	20 - 124	14	40
2,2'-Oxybis(1-chloropropane)	100	90.5		ug/L		91	36 - 166	2	36
2,4,6-Trichlorophenol	100	101		ug/L		101	37 - 144	1	20
2,4-Dichlorophenol	100	101		ug/L		101	39 - 135	14	23
2,4-Dimethylphenol	100	103		ug/L		103	32 - 119	15	18
2,4-Dinitrophenol	100	112		ug/L		112	1 - 191	2	29
2,4-Dinitrotoluene	100	113		ug/L		113	39 - 139	4	20
2,6-Dinitrotoluene	100	116		ug/L		116	50 - 158	5	17
2-Chloronaphthalene	100	91.4		ug/L		91	60 - 118	2	30
2-Chlorophenol	100	85.9		ug/L		86	23 - 134	3	26
2-Nitrophenol	100	102		ug/L		102	29 - 182	14	28
3,3'-Dichlorobenzidine	120	67.7	*	ug/L		56	1 - 262	45	31
4,6-Dinitro-2-methylphenol	100	119		ug/L		119	1 - 181	9	30
4-Bromophenyl phenyl ether	100	105		ug/L		105	53 - 127	1	16
4-Chloro-3-methylphenol	100	107		ug/L		107	22 - 147	2	16
4-Chlorophenyl phenyl ether	100	95.3		ug/L		95	25 - 158	8	15

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-49280/3-A

Matrix: Water

Analysis Batch: 49368

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol	100	60.2		ug/L		60	1 - 132	1	24
Acenaphthene	100	99.0		ug/L		99	47 - 145	1	25
Acenaphthylene	100	97.6		ug/L		98	33 - 145	1	22
Anthracene	100	109		ug/L		109	27 - 133	2	15
Benzo[a]anthracene	100	112		ug/L		112	33 - 143	3	15
Benzo[a]pyrene	100	113		ug/L		113	17 - 163	2	15
Benzo[b]fluoranthene	100	107		ug/L		107	24 - 159	6	17
Benzo[g,h,i]perylene	100	105		ug/L		105	1 - 219	2	19
Benzo[k]fluoranthene	100	124		ug/L		124	11 - 162	12	19
Bis(2-chloroethoxy)methane	100	102		ug/L		102	33 - 184	11	23
Bis(2-chloroethyl)ether	100	87.6		ug/L		88	12 - 158	2	33
Bis(2-ethylhexyl) phthalate	100	111		ug/L		111	8 - 158	1	15
Butyl benzyl phthalate	100	105		ug/L		105	1 - 152	4	15
Chrysene	100	106		ug/L		106	17 - 168	0	15
Dibenz(a,h)anthracene	100	123		ug/L		123	1 - 227	5	18
Diethyl phthalate	100	97.1		ug/L		97	1 - 114	2	15
Dimethyl phthalate	100	111		ug/L		111	1 - 112	3	15
Di-n-butyl phthalate	100	109		ug/L		109	1 - 118	2	15
Di-n-octyl phthalate	100	113		ug/L		113	4 - 146	4	15
Fluoranthene	100	115		ug/L		115	26 - 137	7	15
Fluorene	100	101		ug/L		101	59 - 121	4	18
Hexachlorobenzene	100	104		ug/L		104	1 - 152	3	15
Hexachlorocyclopentadiene	100	52.6		ug/L		53	5 - 120	49	50
Hexachloroethane	100	54.0		ug/L		54	40 - 113	31	43
Indeno[1,2,3-cd]pyrene	100	119		ug/L		119	1 - 171	3	17
Isophorone	100	82.7		ug/L		83	21 - 196	10	21
Naphthalene	100	90.0		ug/L		90	21 - 133	2	31
Nitrobenzene	100	95.8		ug/L		96	35 - 180	7	27
N-Nitrosodi-n-propylamine	100	99.7		ug/L		100	1 - 230	2	23
N-Nitrosodiphenylamine	100	100		ug/L		100	54 - 125	0	15
Pentachlorophenol	100	116		ug/L		116	14 - 176	8	21
Phenanthrene	100	108		ug/L		108	54 - 120	0	16
Phenol	100	50.2		ug/L		50	5 - 112	18	36
Pyrene	100	114		ug/L		114	52 - 115	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	129		52 - 151
2-Fluorobiphenyl	88		44 - 120
2-Fluorophenol	50		17 - 120
Nitrobenzene-d5	95		42 - 120
Phenol-d5	38		10 - 120
p-Terphenyl-d14	115		22 - 125

Lab Sample ID: MB 480-49800/1-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		01/31/12 07:40	02/02/12 16:15	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-49800/1-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		10	0.15	ug/L		01/31/12 07:40	02/02/12 16:15	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		01/31/12 07:40	02/02/12 16:15	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		01/31/12 07:40	02/02/12 16:15	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		01/31/12 07:40	02/02/12 16:15	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		01/31/12 07:40	02/02/12 16:15	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		01/31/12 07:40	02/02/12 16:15	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		01/31/12 07:40	02/02/12 16:15	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		01/31/12 07:40	02/02/12 16:15	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		01/31/12 07:40	02/02/12 16:15	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		01/31/12 07:40	02/02/12 16:15	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		01/31/12 07:40	02/02/12 16:15	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		01/31/12 07:40	02/02/12 16:15	1
2-Chlorophenol	ND		5.0	0.16	ug/L		01/31/12 07:40	02/02/12 16:15	1
2-Nitrophenol	ND		5.0	0.14	ug/L		01/31/12 07:40	02/02/12 16:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		01/31/12 07:40	02/02/12 16:15	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		01/31/12 07:40	02/02/12 16:15	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		01/31/12 07:40	02/02/12 16:15	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		01/31/12 07:40	02/02/12 16:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		01/31/12 07:40	02/02/12 16:15	1
4-Nitrophenol	ND		10	1.3	ug/L		01/31/12 07:40	02/02/12 16:15	1
Acenaphthene	ND		5.0	0.060	ug/L		01/31/12 07:40	02/02/12 16:15	1
Acenaphthylene	ND		5.0	0.034	ug/L		01/31/12 07:40	02/02/12 16:15	1
Anthracene	ND		5.0	0.052	ug/L		01/31/12 07:40	02/02/12 16:15	1
Benzidine	ND		80	2.5	ug/L		01/31/12 07:40	02/02/12 16:15	1
Benzo[a]anthracene	0.234	J	5.0	0.043	ug/L		01/31/12 07:40	02/02/12 16:15	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		01/31/12 07:40	02/02/12 16:15	1
Benzo[b]fluoranthene	0.155	J	5.0	0.062	ug/L		01/31/12 07:40	02/02/12 16:15	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		01/31/12 07:40	02/02/12 16:15	1
Benzo[k]fluoranthene	0.151	J	5.0	0.042	ug/L		01/31/12 07:40	02/02/12 16:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		01/31/12 07:40	02/02/12 16:15	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		01/31/12 07:40	02/02/12 16:15	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		01/31/12 07:40	02/02/12 16:15	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		01/31/12 07:40	02/02/12 16:15	1
Chrysene	0.162	J	5.0	0.036	ug/L		01/31/12 07:40	02/02/12 16:15	1
Decane	ND		10	1.6	ug/L		01/31/12 07:40	02/02/12 16:15	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		01/31/12 07:40	02/02/12 16:15	1
Diethyl phthalate	ND		5.0	0.17	ug/L		01/31/12 07:40	02/02/12 16:15	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		01/31/12 07:40	02/02/12 16:15	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		01/31/12 07:40	02/02/12 16:15	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		01/31/12 07:40	02/02/12 16:15	1
Fluoranthene	ND		5.0	0.11	ug/L		01/31/12 07:40	02/02/12 16:15	1
Fluorene	ND		5.0	0.043	ug/L		01/31/12 07:40	02/02/12 16:15	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		01/31/12 07:40	02/02/12 16:15	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		01/31/12 07:40	02/02/12 16:15	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		01/31/12 07:40	02/02/12 16:15	1
Hexachloroethane	ND		5.0	0.48	ug/L		01/31/12 07:40	02/02/12 16:15	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		01/31/12 07:40	02/02/12 16:15	1
Isophorone	ND		5.0	0.16	ug/L		01/31/12 07:40	02/02/12 16:15	1
Naphthalene	ND		5.0	0.080	ug/L		01/31/12 07:40	02/02/12 16:15	1
Nitrobenzene	ND		5.0	0.11	ug/L		01/31/12 07:40	02/02/12 16:15	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-49800/1-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	ND		10	0.96	ug/L		01/31/12 07:40	02/02/12 16:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		01/31/12 07:40	02/02/12 16:15	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		01/31/12 07:40	02/02/12 16:15	1
n-Octadecane	ND		10	0.70	ug/L		01/31/12 07:40	02/02/12 16:15	1
Pentachlorophenol	ND		10	0.41	ug/L		01/31/12 07:40	02/02/12 16:15	1
Phenanthrene	ND		5.0	0.071	ug/L		01/31/12 07:40	02/02/12 16:15	1
Phenol	ND		5.0	0.12	ug/L		01/31/12 07:40	02/02/12 16:15	1
Pyrene	ND		5.0	0.041	ug/L		01/31/12 07:40	02/02/12 16:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 151	01/31/12 07:40	02/02/12 16:15	1
2-Fluorobiphenyl	84		44 - 120	01/31/12 07:40	02/02/12 16:15	1
2-Fluorophenol	47		17 - 120	01/31/12 07:40	02/02/12 16:15	1
Nitrobenzene-d5	87		42 - 120	01/31/12 07:40	02/02/12 16:15	1
Phenol-d5	35		10 - 120	01/31/12 07:40	02/02/12 16:15	1
p-Terphenyl-d14	112		22 - 125	01/31/12 07:40	02/02/12 16:15	1

Lab Sample ID: LCS 480-49800/2-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	77.6		ug/L		78	44 - 142
1,2-Dichlorobenzene	100	74.3		ug/L		74	32 - 129
1,3-Dichlorobenzene	100	70.4		ug/L		70	1 - 172
1,4-Dichlorobenzene	100	72.0		ug/L		72	20 - 124
2,2'-Oxybis(1-chloropropane)	100	95.5		ug/L		96	36 - 166
2,4,6-Trichlorophenol	100	114		ug/L		114	37 - 144
2,4-Dichlorophenol	100	102		ug/L		102	39 - 135
2,4-Dimethylphenol	100	98.6		ug/L		99	32 - 119
2,4-Dinitrophenol	100	120		ug/L		120	1 - 191
2,4-Dinitrotoluene	100	115		ug/L		115	39 - 139
2,6-Dinitrotoluene	100	117		ug/L		117	50 - 158
2-Chloronaphthalene	100	96.1		ug/L		96	60 - 118
2-Chlorophenol	100	88.8		ug/L		89	23 - 134
2-Nitrophenol	100	105		ug/L		105	29 - 182
3,3'-Dichlorobenzidine	120	121		ug/L		101	1 - 262
4,6-Dinitro-2-methylphenol	100	140		ug/L		140	1 - 181
4-Bromophenyl phenyl ether	100	107		ug/L		107	53 - 127
4-Chloro-3-methylphenol	100	105		ug/L		105	22 - 147
4-Chlorophenyl phenyl ether	100	95.6		ug/L		96	25 - 158
4-Nitrophenol	100	46.9		ug/L		47	1 - 132
Acenaphthene	100	99.9		ug/L		100	47 - 145
Acenaphthylene	100	101		ug/L		101	33 - 145
Anthracene	100	106		ug/L		106	27 - 133
Benzo[a]anthracene	100	108		ug/L		108	33 - 143
Benzo[a]pyrene	100	112		ug/L		112	17 - 163
Benzo[b]fluoranthene	100	108		ug/L		108	24 - 159
Benzo[g,h,i]perylene	100	122		ug/L		122	1 - 219

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-49800/2-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[k]fluoranthene	100	104		ug/L		104	11 - 162
Bis(2-chloroethoxy)methane	100	98.6		ug/L		99	33 - 184
Bis(2-chloroethyl)ether	100	92.8		ug/L		93	12 - 158
Bis(2-ethylhexyl) phthalate	100	107		ug/L		107	8 - 158
Butyl benzyl phthalate	100	113		ug/L		113	1 - 152
Chrysene	100	104		ug/L		104	17 - 168
Dibenz(a,h)anthracene	100	111		ug/L		111	1 - 227
Diethyl phthalate	100	106		ug/L		106	1 - 114
Dimethyl phthalate	100	110		ug/L		110	1 - 112
Di-n-butyl phthalate	100	108		ug/L		108	1 - 118
Di-n-octyl phthalate	100	125		ug/L		125	4 - 146
Fluoranthene	100	103		ug/L		103	26 - 137
Fluorene	100	101		ug/L		101	59 - 121
Hexachlorobenzene	100	104		ug/L		104	1 - 152
Hexachlorocyclopentadiene	100	74.2		ug/L		74	5 - 120
Hexachloroethane	100	69.8		ug/L		70	40 - 113
Indeno[1,2,3-cd]pyrene	100	114		ug/L		114	1 - 171
Isophorone	100	79.5		ug/L		80	21 - 196
Naphthalene	100	87.7		ug/L		88	21 - 133
Nitrobenzene	100	97.6		ug/L		98	35 - 180
N-Nitrosodi-n-propylamine	100	98.5		ug/L		99	1 - 230
N-Nitrosodiphenylamine	100	105		ug/L		105	54 - 125
Pentachlorophenol	100	124		ug/L		124	14 - 176
Phenanthrene	100	104		ug/L		104	54 - 120
Phenol	100	48.8		ug/L		49	5 - 112
Pyrene	100	104		ug/L		104	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	112		52 - 151
2-Fluorobiphenyl	92		44 - 120
2-Fluorophenol	53		17 - 120
Nitrobenzene-d5	97		42 - 120
Phenol-d5	40		10 - 120
p-Terphenyl-d14	111		22 - 125

Lab Sample ID: LCSD 480-49800/3-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4-Trichlorobenzene	100	72.7		ug/L		73	44 - 142	7	34
1,2-Dichlorobenzene	100	70.3		ug/L		70	32 - 129	6	38
1,3-Dichlorobenzene	100	66.9		ug/L		67	1 - 172	5	37
1,4-Dichlorobenzene	100	68.1		ug/L		68	20 - 124	6	40
2,2'-Oxybis(1-chloropropane)	100	87.5		ug/L		88	36 - 166	9	36
2,4,6-Trichlorophenol	100	108		ug/L		108	37 - 144	5	20
2,4-Dichlorophenol	100	95.8		ug/L		96	39 - 135	7	23
2,4-Dimethylphenol	100	92.0		ug/L		92	32 - 119	7	18
2,4-Dinitrophenol	100	116		ug/L		116	1 - 191	3	29

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-49800/3-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	100	110		ug/L		110	39 - 139	4	20
2,6-Dinitrotoluene	100	112		ug/L		112	50 - 158	4	17
2-Chloronaphthalene	100	90.2		ug/L		90	60 - 118	6	30
2-Chlorophenol	100	81.9		ug/L		82	23 - 134	8	26
2-Nitrophenol	100	96.7		ug/L		97	29 - 182	9	28
3,3'-Dichlorobenzidine	120	119		ug/L		99	1 - 262	2	31
4,6-Dinitro-2-methylphenol	100	136		ug/L		136	1 - 181	3	30
4-Bromophenyl phenyl ether	100	102		ug/L		102	53 - 127	4	16
4-Chloro-3-methylphenol	100	100		ug/L		100	22 - 147	4	16
4-Chlorophenyl phenyl ether	100	92.4		ug/L		92	25 - 158	3	15
4-Nitrophenol	100	46.0		ug/L		46	1 - 132	2	24
Acenaphthene	100	93.8		ug/L		94	47 - 145	6	25
Acenaphthylene	100	94.8		ug/L		95	33 - 145	6	22
Anthracene	100	102		ug/L		102	27 - 133	4	15
Benzo[a]anthracene	100	105		ug/L		105	33 - 143	3	15
Benzo[a]pyrene	100	109		ug/L		109	17 - 163	3	15
Benzo[b]fluoranthene	100	108		ug/L		108	24 - 159	0	17
Benzo[g,h,i]perylene	100	118		ug/L		118	1 - 219	3	19
Benzo[k]fluoranthene	100	97.1		ug/L		97	11 - 162	7	19
Bis(2-chloroethoxy)methane	100	89.2		ug/L		89	33 - 184	10	23
Bis(2-chloroethyl)ether	100	84.4		ug/L		84	12 - 158	9	33
Bis(2-ethylhexyl) phthalate	100	105		ug/L		105	8 - 158	2	15
Butyl benzyl phthalate	100	111		ug/L		111	1 - 152	2	15
Chrysene	100	101		ug/L		101	17 - 168	2	15
Dibenz(a,h)anthracene	100	109		ug/L		109	1 - 227	3	18
Diethyl phthalate	100	102		ug/L		102	1 - 114	4	15
Dimethyl phthalate	100	105		ug/L		105	1 - 112	5	15
Di-n-butyl phthalate	100	105		ug/L		105	1 - 118	2	15
Di-n-octyl phthalate	100	122		ug/L		122	4 - 146	2	15
Fluoranthene	100	98.9		ug/L		99	26 - 137	4	15
Fluorene	100	96.8		ug/L		97	59 - 121	4	18
Hexachlorobenzene	100	99.6		ug/L		100	1 - 152	4	15
Hexachlorocyclopentadiene	100	69.7		ug/L		70	5 - 120	6	50
Hexachloroethane	100	66.8		ug/L		67	40 - 113	4	43
Indeno[1,2,3-cd]pyrene	100	111		ug/L		111	1 - 171	3	17
Isophorone	100	71.4		ug/L		71	21 - 196	11	21
Naphthalene	100	82.0		ug/L		82	21 - 133	7	31
Nitrobenzene	100	89.6		ug/L		90	35 - 180	9	27
N-Nitrosodi-n-propylamine	100	89.3		ug/L		89	1 - 230	10	23
N-Nitrosodiphenylamine	100	102		ug/L		102	54 - 125	3	15
Pentachlorophenol	100	119		ug/L		119	14 - 176	4	21
Phenanthrene	100	99.3		ug/L		99	54 - 120	4	16
Phenol	100	51.3		ug/L		51	5 - 112	5	36
Pyrene	100	99.9		ug/L		100	52 - 115	4	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	108		52 - 151
2-Fluorobiphenyl	85		44 - 120
2-Fluorophenol	49		17 - 120

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-49800/3-A

Matrix: Water

Analysis Batch: 50173

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49800

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	91		42 - 120
Phenol-d5	36		10 - 120
p-Terphenyl-d14	110		22 - 125

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-48991/1-A

Matrix: Water

Analysis Batch: 49349

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.00220	J	0.010	0.0017	mg/L		01/24/12 08:15	01/25/12 19:18	1

Lab Sample ID: LCS 480-48991/2-A

Matrix: Water

Analysis Batch: 49349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.203		mg/L		102	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-49100/1-A

Matrix: Water

Analysis Batch: 49140

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49100

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/24/12 12:30	01/24/12 15:08	1

Lab Sample ID: LCS 480-49100/2-A

Matrix: Water

Analysis Batch: 49140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49100

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00723		mg/L		108	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-49027/1-A

Matrix: Water

Analysis Batch: 49106

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49027

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		01/23/12 16:30	01/24/12 11:59	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method: 335.4 - Cyanide, Total (Continued)

Lab Sample ID: LCS 480-49027/2-A

Matrix: Water

Analysis Batch: 49106

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49027

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.374		mg/L		94	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-48841/1

Matrix: Water

Analysis Batch: 48841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.960		SU		99	99 - 101

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

GC/MS VOA

Analysis Batch: 48949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	624	
480-15238-6	TRIP BLANK	Total/NA	Water	624	
LCS 480-48949/4	Lab Control Sample	Total/NA	Water	624	
MB 480-48949/6	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 49280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	625	
LCS 480-49280/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-49280/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-49280/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 49368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	625	49280
LCS 480-49280/2-A	Lab Control Sample	Total/NA	Water	625	49280
LCSD 480-49280/3-A	Lab Control Sample Dup	Total/NA	Water	625	49280
MB 480-49280/1-A	Method Blank	Total/NA	Water	625	49280

Prep Batch: 49800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1 - RE	COMPOSITE 001	Total/NA	Water	625	
LCS 480-49800/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-49800/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-49800/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 50173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1 - RE	COMPOSITE 001	Total/NA	Water	625	49800
LCS 480-49800/2-A	Lab Control Sample	Total/NA	Water	625	49800
LCSD 480-49800/3-A	Lab Control Sample Dup	Total/NA	Water	625	49800
MB 480-49800/1-A	Method Blank	Total/NA	Water	625	49800

Metals

Prep Batch: 48991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	200.7	
LCS 480-48991/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-48991/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 49100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	245.1	
LCS 480-49100/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-49100/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 49140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	245.1	49100

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Metals (Continued)

Analysis Batch: 49140 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-49100/2-A	Lab Control Sample	Total/NA	Water	245.1	49100
MB 480-49100/1-A	Method Blank	Total/NA	Water	245.1	49100

Analysis Batch: 49349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	200.7 Rev 4.4	48991
LCS 480-48991/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	48991
MB 480-48991/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	48991

General Chemistry

Analysis Batch: 48841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	SM 4500 H+ B	
LCS 480-48841/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 49027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	Distill/CN	
LCS 480-49027/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-49027/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 49106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-15238-1	COMPOSITE 001	Total/NA	Water	335.4	49027
LCS 480-49027/2-A	Lab Control Sample	Total/NA	Water	335.4	49027
MB 480-49027/1-A	Method Blank	Total/NA	Water	335.4	49027

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Client Sample ID: COMPOSITE 001

Date Collected: 01/19/12 14:00

Date Received: 01/20/12 17:10

Lab Sample ID: 480-15238-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	48949	01/23/12 14:24	TRB	TAL BUF
Total/NA	Prep	625			49280	01/25/12 15:45	DE	TAL BUF
Total/NA	Analysis	625		1	49368	01/26/12 19:30	AM	TAL BUF
Total/NA	Prep	625	RE		49800	01/31/12 07:40	KV	TAL BUF
Total/NA	Analysis	625	RE	1	50173	02/02/12 19:47	AM	TAL BUF
Total/NA	Prep	245.1			49100	01/24/12 12:30	MM	TAL BUF
Total/NA	Analysis	245.1		1	49140	01/24/12 15:56	MM	TAL BUF
Total/NA	Prep	200.7			48991	01/24/12 08:15	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	49349	01/25/12 20:19	LH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	48841	01/20/12 23:44	KS	TAL BUF
Total/NA	Prep	Distill/CN			49027	01/23/12 16:30	ML	TAL BUF
Total/NA	Analysis	335.4		1	49106	01/24/12 12:08	KS	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 01/19/12 00:00

Date Received: 01/20/12 17:10

Lab Sample ID: 480-15238-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	48949	01/23/12 14:50	TRB	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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-15238-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-15238-1	COMPOSITE 001	Water	01/19/12 14:00	01/20/12 17:10
480-15238-6	TRIP BLANK	Water	01/19/12 00:00	01/20/12 17:10

Phone (716) 691-2600 Fax (716) 691-2601

Chain of Custody Record

TestAmerica

ONLINE RELEASED BY BUREAU OF THE

Client Information Client Contact: Mr. Brent Miller Phone: 484 645 2301 E-Mail: denise.giglia@testamericainc.com		Lab PM: Giglia, Denise Carrier Tracking No(s): 480-15250-1280.1	
Company: Groundwater & Environmental Services Inc. Address: 158 Sonwill Drive City: Cheektowaga State, Zip: NY, 14225 Phone: 484-325-0280(Tel) Email: bmiller@gesonline.com Project Name: Bristol Myers Squibb Monthly Site:		Analysis Requested Due Date Requested: TAT Requested (days): 10 DAY PO #: 0901204-15-220 WFO #: 48002463 Project #: SSOW#:	
Sample Identification Sample ID: 001 Sample Date: 1-14-12 Sample Time: 0800 Sample Type (C=Comp, G=grab): G Matrix (W=water, S=solid, O=soil, B=biological, A=air): Water Preservation Code:		Field Filtered Sample (Yes or No) ☒ Yes Perform MS/MS (Yes or No) ☒ Yes 200.7, 246.1 624.5ml - (MOD) Priority Pollutant List - VOA - 62 625 - (MOD) Priority Pollutant List - SVOA - 6 335.4 - Cyanide, Total SM4500, H+ - pH	
Special Instructions/Note: Comp. Samples at Lab before running		Total Number of Containers:	
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - H2SO4 H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Empty Kit Requisitioned by: Requisitioned by: [Signature] Date/Time: 1-19-12 / 14:45 Company: GES		Method of Shipment: Requisitioned by: [Signature] Date/Time: 1-20-12 / 17:10 Company: GES	
Custody Seal No.: Custody Seal Intact: ☒		Other Remarks: Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-15238-1

Login Number: 15238

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

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	2.1 #1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-16493-1

Client Project/Site: Iroquois Gas / Westwood Pharm Monthly

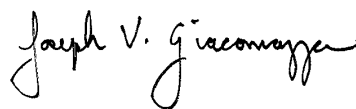
For:

Groundwater & Environmental Services Inc

158 Sonwil Drive

Cheektowaga, New York 14225

Attn: Mr. Andrew Janik



Authorized for release by:

3/7/2012 5:05:30 PM

Joe Giacomazza

Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman

Project Manager II

sally.hoffman@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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Qualifiers

GC/MS Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes
F	MS or MSD exceeds the control 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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Job ID: 480-16493-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-16493-1

Receipt

Method 200.7 Rev 4.4, 245.1: The following sample was received unpreserved and were preserved upon receipt to the laboratory: COMPOSITE 001 (480-16493-1). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

Method 200.7, 245.1, 335.4, SM 4500 H+ B: Cyanide poured off in sample control into pre-preserved NAOH bottle lot #61711. Metals into pre-preserved HNO3 bottle lot #112311. PH into unpreserved bottle lot #33111.

All other samples were received in good condition within temperature requirements.

GC/MS VOA

Method 624: The following sample was composited by the laboratory on 2/24/12 as requested on the chain-of-custody: COMPOSITE 001 (480-16493-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 625: The method blank for batch 52996 contained multiple analytes above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method 335.4: The matrix spike (MS) recovery for batch 52950 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. (480-16493-1 MS)

Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: COMPOSITE 001 (480-16493-1)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-16493-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.36	J B	4.7	0.041	ug/L	1		625	Total/NA
Benzo[a]pyrene	0.36	J	4.7	0.055	ug/L	1		625	Total/NA
Benzo[b]fluoranthene	0.34	J B	4.7	0.058	ug/L	1		625	Total/NA
Benzo[k]fluoranthene	0.33	J	4.7	0.039	ug/L	1		625	Total/NA
Bis(2-ethylhexyl) phthalate	1.1	J	9.4	0.81	ug/L	1		625	Total/NA
Chrysene	0.28	J B	4.7	0.034	ug/L	1		625	Total/NA
Fluoranthene	0.20	J	4.7	0.10	ug/L	1		625	Total/NA
Indeno[1,2,3-cd]pyrene	0.20	J	4.7	0.18	ug/L	1		625	Total/NA
Pyrene	0.27	J	4.7	0.039	ug/L	1		625	Total/NA
Zinc	0.0016	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.24		0.010	0.0050	mg/L	1		335.4	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.71	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-16493-6

No Detections

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-16493-1

Date Collected: 02/22/12 14:00

Matrix: Water

Date Received: 02/23/12 11:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/24/12 19:08	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/24/12 19:08	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/24/12 19:08	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/24/12 19:08	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/24/12 19:08	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/24/12 19:08	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/24/12 19:08	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/24/12 19:08	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/24/12 19:08	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/24/12 19:08	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/24/12 19:08	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/24/12 19:08	1
Acrolein	ND		100	17	ug/L			02/24/12 19:08	1
Acrylonitrile	ND		25	1.9	ug/L			02/24/12 19:08	1
Benzene	ND		5.0	0.60	ug/L			02/24/12 19:08	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/24/12 19:08	1
Bromoform	ND		5.0	0.47	ug/L			02/24/12 19:08	1
Bromomethane	ND		5.0	1.2	ug/L			02/24/12 19:08	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/24/12 19:08	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/24/12 19:08	1
Chloroethane	ND		5.0	0.87	ug/L			02/24/12 19:08	1
Chloroform	ND		5.0	0.54	ug/L			02/24/12 19:08	1
Chloromethane	ND		5.0	0.64	ug/L			02/24/12 19:08	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/24/12 19:08	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/24/12 19:08	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			02/24/12 19:08	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/24/12 19:08	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/24/12 19:08	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/24/12 19:08	1
Toluene	ND		5.0	0.45	ug/L			02/24/12 19:08	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/24/12 19:08	1
Trichloroethene	ND		5.0	0.60	ug/L			02/24/12 19:08	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/24/12 19:08	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/24/12 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		02/24/12 19:08	1
4-Bromofluorobenzene (Surr)	100		69 - 121		02/24/12 19:08	1
Toluene-d8 (Surr)	97		70 - 123		02/24/12 19:08	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	0.46	ug/L		02/27/12 09:22	02/28/12 13:06	1
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L		02/27/12 09:22	02/28/12 13:06	1
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L		02/27/12 09:22	02/28/12 13:06	1
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L		02/27/12 09:22	02/28/12 13:06	1
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L		02/27/12 09:22	02/28/12 13:06	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		02/27/12 09:22	02/28/12 13:06	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		02/27/12 09:22	02/28/12 13:06	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		02/27/12 09:22	02/28/12 13:06	1
2,4-Dimethylphenol	ND		4.7	0.13	ug/L		02/27/12 09:22	02/28/12 13:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-16493-1

Date Collected: 02/22/12 14:00

Matrix: Water

Date Received: 02/23/12 11:40

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.4	0.79	ug/L		02/27/12 09:22	02/28/12 13:06	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		02/27/12 09:22	02/28/12 13:06	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		02/27/12 09:22	02/28/12 13:06	1
2-Chloronaphthalene	ND		4.7	0.064	ug/L		02/27/12 09:22	02/28/12 13:06	1
2-Chlorophenol	ND		4.7	0.15	ug/L		02/27/12 09:22	02/28/12 13:06	1
2-Nitrophenol	ND		4.7	0.14	ug/L		02/27/12 09:22	02/28/12 13:06	1
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L		02/27/12 09:22	02/28/12 13:06	1
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L		02/27/12 09:22	02/28/12 13:06	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		02/27/12 09:22	02/28/12 13:06	1
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L		02/27/12 09:22	02/28/12 13:06	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		02/27/12 09:22	02/28/12 13:06	1
4-Nitrophenol	ND		9.4	1.3	ug/L		02/27/12 09:22	02/28/12 13:06	1
Acenaphthene	ND		4.7	0.057	ug/L		02/27/12 09:22	02/28/12 13:06	1
Acenaphthylene	ND		4.7	0.032	ug/L		02/27/12 09:22	02/28/12 13:06	1
Anthracene	ND		4.7	0.050	ug/L		02/27/12 09:22	02/28/12 13:06	1
Benzidine	ND		75	2.4	ug/L		02/27/12 09:22	02/28/12 13:06	1
Benzo[a]anthracene	0.36	J B	4.7	0.041	ug/L		02/27/12 09:22	02/28/12 13:06	1
Benzo[a]pyrene	0.36	J	4.7	0.055	ug/L		02/27/12 09:22	02/28/12 13:06	1
Benzo[b]fluoranthene	0.34	J B	4.7	0.058	ug/L		02/27/12 09:22	02/28/12 13:06	1
Benzo[g,h,i]perylene	ND		4.7	0.095	ug/L		02/27/12 09:22	02/28/12 13:06	1
Benzo[k]fluoranthene	0.33	J	4.7	0.039	ug/L		02/27/12 09:22	02/28/12 13:06	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		02/27/12 09:22	02/28/12 13:06	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		02/27/12 09:22	02/28/12 13:06	1
Bis(2-ethylhexyl) phthalate	1.1	J	9.4	0.81	ug/L		02/27/12 09:22	02/28/12 13:06	1
Butyl benzyl phthalate	ND		4.7	1.2	ug/L		02/27/12 09:22	02/28/12 13:06	1
Chrysene	0.28	J B	4.7	0.034	ug/L		02/27/12 09:22	02/28/12 13:06	1
Decane	ND		9.4	1.5	ug/L		02/27/12 09:22	02/28/12 13:06	1
Dibenz(a,h)anthracene	ND		4.7	0.052	ug/L		02/27/12 09:22	02/28/12 13:06	1
Diethyl phthalate	ND		4.7	0.16	ug/L		02/27/12 09:22	02/28/12 13:06	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		02/27/12 09:22	02/28/12 13:06	1
Di-n-butyl phthalate	ND		4.7	0.88	ug/L		02/27/12 09:22	02/28/12 13:06	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		02/27/12 09:22	02/28/12 13:06	1
Fluoranthene	0.20	J	4.7	0.10	ug/L		02/27/12 09:22	02/28/12 13:06	1
Fluorene	ND		4.7	0.040	ug/L		02/27/12 09:22	02/28/12 13:06	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		02/27/12 09:22	02/28/12 13:06	1
Hexachlorobutadiene	ND		4.7	0.58	ug/L		02/27/12 09:22	02/28/12 13:06	1
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L		02/27/12 09:22	02/28/12 13:06	1
Hexachloroethane	ND		4.7	0.45	ug/L		02/27/12 09:22	02/28/12 13:06	1
Indeno[1,2,3-cd]pyrene	0.20	J	4.7	0.18	ug/L		02/27/12 09:22	02/28/12 13:06	1
Isophorone	ND		4.7	0.15	ug/L		02/27/12 09:22	02/28/12 13:06	1
Naphthalene	ND		4.7	0.076	ug/L		02/27/12 09:22	02/28/12 13:06	1
Nitrobenzene	ND		4.7	0.10	ug/L		02/27/12 09:22	02/28/12 13:06	1
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L		02/27/12 09:22	02/28/12 13:06	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		02/27/12 09:22	02/28/12 13:06	1
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L		02/27/12 09:22	02/28/12 13:06	1
n-Octadecane	ND		9.4	0.66	ug/L		02/27/12 09:22	02/28/12 13:06	1
Pentachlorophenol	ND		9.4	0.39	ug/L		02/27/12 09:22	02/28/12 13:06	1
Phenanthrene	ND		4.7	0.067	ug/L		02/27/12 09:22	02/28/12 13:06	1
Phenol	ND		4.7	0.11	ug/L		02/27/12 09:22	02/28/12 13:06	1
Pyrene	0.27	J	4.7	0.039	ug/L		02/27/12 09:22	02/28/12 13:06	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-16493-1

Date Collected: 02/22/12 14:00

Matrix: Water

Date Received: 02/23/12 11:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		52 - 151	02/27/12 09:22	02/28/12 13:06	1
2-Fluorobiphenyl	77		44 - 120	02/27/12 09:22	02/28/12 13:06	1
2-Fluorophenol	38		17 - 120	02/27/12 09:22	02/28/12 13:06	1
Nitrobenzene-d5	79		42 - 120	02/27/12 09:22	02/28/12 13:06	1
Phenol-d5	28		10 - 120	02/27/12 09:22	02/28/12 13:06	1
p-Terphenyl-d14	76		22 - 125	02/27/12 09:22	02/28/12 13:06	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0016	J	0.010	0.0015	mg/L		02/27/12 08:30	02/27/12 19:17	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		02/27/12 09:10	02/27/12 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.24		0.010	0.0050	mg/L		02/24/12 14:08	02/25/12 13:19	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.71	HF	0.100	0.100	SU			02/24/12 20:15	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-16493-6

Date Collected: 02/22/12 00:00

Matrix: Water

Date Received: 02/23/12 11:40

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/24/12 19:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/24/12 19:31	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/24/12 19:31	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/24/12 19:31	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/24/12 19:31	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/24/12 19:31	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/24/12 19:31	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/24/12 19:31	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/24/12 19:31	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/24/12 19:31	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/24/12 19:31	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/24/12 19:31	1
Acrolein	ND		100	17	ug/L			02/24/12 19:31	1
Acrylonitrile	ND		25	1.9	ug/L			02/24/12 19:31	1
Benzene	ND		5.0	0.60	ug/L			02/24/12 19:31	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/24/12 19:31	1
Bromoform	ND		5.0	0.47	ug/L			02/24/12 19:31	1
Bromomethane	ND		5.0	1.2	ug/L			02/24/12 19:31	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/24/12 19:31	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/24/12 19:31	1
Chloroethane	ND		5.0	0.87	ug/L			02/24/12 19:31	1
Chloroform	ND		5.0	0.54	ug/L			02/24/12 19:31	1
Chloromethane	ND		5.0	0.64	ug/L			02/24/12 19:31	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/24/12 19:31	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/24/12 19:31	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-16493-6

Date Collected: 02/22/12 00:00

Matrix: Water

Date Received: 02/23/12 11:40

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	ND		5.0	0.61	ug/L			02/24/12 19:31	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/24/12 19:31	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/24/12 19:31	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/24/12 19:31	1
Toluene	ND		5.0	0.45	ug/L			02/24/12 19:31	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/24/12 19:31	1
Trichloroethene	ND		5.0	0.60	ug/L			02/24/12 19:31	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/24/12 19:31	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/24/12 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		72 - 130					02/24/12 19:31	1
4-Bromofluorobenzene (Surr)	102		69 - 121					02/24/12 19:31	1
Toluene-d8 (Surr)	98		70 - 123					02/24/12 19:31	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (72-130)	BFB (69-121)	TOL (70-123)
480-16493-1	COMPOSITE 001	98	100	97
480-16493-6	TRIP BLANK	101	102	98
LCS 480-52819/4	Lab Control Sample	94	101	98
MB 480-52819/5	Method Blank	98	100	98

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-16493-1	COMPOSITE 001	104	77	38	79	28	76
LCS 480-52996/2-A	Lab Control Sample	107	85	49	88	38	86
LCSD 480-52996/3-A	Lab Control Sample Dup	105	84	47	87	36	90
MB 480-52996/1-A	Method Blank	96	71	39	73	30	89

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-52819/5

Matrix: Water

Analysis Batch: 52819

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		5.0	0.39	ug/L			02/24/12 11:45	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/24/12 11:45	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/24/12 11:45	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/24/12 11:45	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/24/12 11:45	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/24/12 11:45	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/24/12 11:45	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/24/12 11:45	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/24/12 11:45	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/24/12 11:45	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/24/12 11:45	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/24/12 11:45	1
Acrolein	ND		100	17	ug/L			02/24/12 11:45	1
Acrylonitrile	ND		25	1.9	ug/L			02/24/12 11:45	1
Benzene	ND		5.0	0.60	ug/L			02/24/12 11:45	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/24/12 11:45	1
Bromoform	ND		5.0	0.47	ug/L			02/24/12 11:45	1
Bromomethane	ND		5.0	1.2	ug/L			02/24/12 11:45	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/24/12 11:45	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/24/12 11:45	1
Chloroethane	ND		5.0	0.87	ug/L			02/24/12 11:45	1
Chloroform	ND		5.0	0.54	ug/L			02/24/12 11:45	1
Chloromethane	ND		5.0	0.64	ug/L			02/24/12 11:45	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/24/12 11:45	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/24/12 11:45	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			02/24/12 11:45	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/24/12 11:45	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/24/12 11:45	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/24/12 11:45	1
Toluene	ND		5.0	0.45	ug/L			02/24/12 11:45	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/24/12 11:45	1
Trichloroethene	ND		5.0	0.60	ug/L			02/24/12 11:45	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/24/12 11:45	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/24/12 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		02/24/12 11:45	1
4-Bromofluorobenzene (Surr)	100		69 - 121		02/24/12 11:45	1
Toluene-d8 (Surr)	98		70 - 123		02/24/12 11:45	1

Lab Sample ID: LCS 480-52819/4

Matrix: Water

Analysis Batch: 52819

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	20.0	19.7		ug/L		99	75 - 125
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		105	61 - 140
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	71 - 129
1,1-Dichloroethane	20.0	19.9		ug/L		100	73 - 128

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-52819/4

Matrix: Water

Analysis Batch: 52819

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	18.1		ug/L		91	51 - 150
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	63 - 137
1,2-Dichloroethane	20.0	19.9		ug/L		100	68 - 132
1,2-Dichloropropane	20.0	20.5		ug/L		103	34 - 166
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	73 - 127
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	63 - 137
2-Chloroethyl vinyl ether	100	105		ug/L		105	1 - 224
Benzene	20.0	20.3		ug/L		102	64 - 136
Bromodichloromethane	20.0	19.0		ug/L		95	66 - 135
Bromoform	20.0	18.2		ug/L		91	71 - 129
Bromomethane	20.0	22.9		ug/L		115	14 - 186
Carbon tetrachloride	20.0	18.2		ug/L		91	73 - 127
Chlorobenzene	20.0	19.4		ug/L		97	66 - 134
Chloroethane	20.0	21.8		ug/L		109	38 - 162
Chloroform	20.0	20.0		ug/L		100	68 - 133
Chloromethane	20.0	20.6		ug/L		103	1 - 204
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	24 - 176
Dibromochloromethane	20.0	18.9		ug/L		95	68 - 133
Ethylbenzene	20.0	19.2		ug/L		96	59 - 141
Methylene Chloride	20.0	20.0		ug/L		100	61 - 140
Tetrachloroethene	20.0	18.2		ug/L		91	74 - 127
Toluene	20.0	19.2		ug/L		96	75 - 126
trans-1,3-Dichloropropene	20.0	19.5		ug/L		98	50 - 150
Trichloroethene	20.0	19.6		ug/L		98	67 - 134
Trichlorofluoromethane	20.0	21.5		ug/L		108	48 - 152
Vinyl chloride	20.0	20.8		ug/L		104	4 - 196

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		72 - 130
4-Bromofluorobenzene (Surr)	101		69 - 121
Toluene-d8 (Surr)	98		70 - 123

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-52996/1-A

Matrix: Water

Analysis Batch: 53123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		02/27/12 09:22	02/28/12 11:55	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		02/27/12 09:22	02/28/12 11:55	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		02/27/12 09:22	02/28/12 11:55	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		02/27/12 09:22	02/28/12 11:55	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		02/27/12 09:22	02/28/12 11:55	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		02/27/12 09:22	02/28/12 11:55	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		02/27/12 09:22	02/28/12 11:55	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		02/27/12 09:22	02/28/12 11:55	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		02/27/12 09:22	02/28/12 11:55	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		02/27/12 09:22	02/28/12 11:55	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-52996/1-A

Matrix: Water

Analysis Batch: 53123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		02/27/12 09:22	02/28/12 11:55	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		02/27/12 09:22	02/28/12 11:55	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		02/27/12 09:22	02/28/12 11:55	1
2-Chlorophenol	ND		5.0	0.16	ug/L		02/27/12 09:22	02/28/12 11:55	1
2-Nitrophenol	ND		5.0	0.14	ug/L		02/27/12 09:22	02/28/12 11:55	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		02/27/12 09:22	02/28/12 11:55	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		02/27/12 09:22	02/28/12 11:55	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		02/27/12 09:22	02/28/12 11:55	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		02/27/12 09:22	02/28/12 11:55	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		02/27/12 09:22	02/28/12 11:55	1
4-Nitrophenol	ND		10	1.3	ug/L		02/27/12 09:22	02/28/12 11:55	1
Acenaphthene	ND		5.0	0.060	ug/L		02/27/12 09:22	02/28/12 11:55	1
Acenaphthylene	ND		5.0	0.034	ug/L		02/27/12 09:22	02/28/12 11:55	1
Anthracene	ND		5.0	0.052	ug/L		02/27/12 09:22	02/28/12 11:55	1
Benzydine	ND		80	2.5	ug/L		02/27/12 09:22	02/28/12 11:55	1
Benzo[a]anthracene	0.381	J	5.0	0.043	ug/L		02/27/12 09:22	02/28/12 11:55	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		02/27/12 09:22	02/28/12 11:55	1
Benzo[b]fluoranthene	0.261	J	5.0	0.062	ug/L		02/27/12 09:22	02/28/12 11:55	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		02/27/12 09:22	02/28/12 11:55	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		02/27/12 09:22	02/28/12 11:55	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		02/27/12 09:22	02/28/12 11:55	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		02/27/12 09:22	02/28/12 11:55	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		02/27/12 09:22	02/28/12 11:55	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		02/27/12 09:22	02/28/12 11:55	1
Chrysene	0.384	J	5.0	0.036	ug/L		02/27/12 09:22	02/28/12 11:55	1
Decane	ND		10	1.6	ug/L		02/27/12 09:22	02/28/12 11:55	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		02/27/12 09:22	02/28/12 11:55	1
Diethyl phthalate	ND		5.0	0.17	ug/L		02/27/12 09:22	02/28/12 11:55	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		02/27/12 09:22	02/28/12 11:55	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		02/27/12 09:22	02/28/12 11:55	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		02/27/12 09:22	02/28/12 11:55	1
Fluoranthene	ND		5.0	0.11	ug/L		02/27/12 09:22	02/28/12 11:55	1
Fluorene	ND		5.0	0.043	ug/L		02/27/12 09:22	02/28/12 11:55	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		02/27/12 09:22	02/28/12 11:55	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		02/27/12 09:22	02/28/12 11:55	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		02/27/12 09:22	02/28/12 11:55	1
Hexachloroethane	ND		5.0	0.48	ug/L		02/27/12 09:22	02/28/12 11:55	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		02/27/12 09:22	02/28/12 11:55	1
Isophorone	ND		5.0	0.16	ug/L		02/27/12 09:22	02/28/12 11:55	1
Naphthalene	ND		5.0	0.080	ug/L		02/27/12 09:22	02/28/12 11:55	1
Nitrobenzene	ND		5.0	0.11	ug/L		02/27/12 09:22	02/28/12 11:55	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		02/27/12 09:22	02/28/12 11:55	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		02/27/12 09:22	02/28/12 11:55	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		02/27/12 09:22	02/28/12 11:55	1
n-Octadecane	ND		10	0.70	ug/L		02/27/12 09:22	02/28/12 11:55	1
Pentachlorophenol	ND		10	0.41	ug/L		02/27/12 09:22	02/28/12 11:55	1
Phenanthrene	ND		5.0	0.071	ug/L		02/27/12 09:22	02/28/12 11:55	1
Phenol	ND		5.0	0.12	ug/L		02/27/12 09:22	02/28/12 11:55	1
Pyrene	ND		5.0	0.041	ug/L		02/27/12 09:22	02/28/12 11:55	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-52996/1-A

Matrix: Water

Analysis Batch: 53123

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52996

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 151	02/27/12 09:22	02/28/12 11:55	1
2-Fluorobiphenyl	71		44 - 120	02/27/12 09:22	02/28/12 11:55	1
2-Fluorophenol	39		17 - 120	02/27/12 09:22	02/28/12 11:55	1
Nitrobenzene-d5	73		42 - 120	02/27/12 09:22	02/28/12 11:55	1
Phenol-d5	30		10 - 120	02/27/12 09:22	02/28/12 11:55	1
p-Terphenyl-d14	89		22 - 125	02/27/12 09:22	02/28/12 11:55	1

Lab Sample ID: LCS 480-52996/2-A

Matrix: Water

Analysis Batch: 53123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	71.2		ug/L		71	44 - 142
1,2-Dichlorobenzene	100	65.5		ug/L		66	32 - 129
1,3-Dichlorobenzene	100	62.4		ug/L		62	1 - 172
1,4-Dichlorobenzene	100	63.9		ug/L		64	20 - 124
2,2'-Oxybis(1-chloropropane)	100	81.0		ug/L		81	36 - 166
2,4,6-Trichlorophenol	100	101		ug/L		101	37 - 144
2,4-Dichlorophenol	100	93.2		ug/L		93	39 - 135
2,4-Dimethylphenol	100	92.8		ug/L		93	32 - 119
2,4-Dinitrophenol	100	96.8		ug/L		97	1 - 191
2,4-Dinitrotoluene	100	106		ug/L		106	39 - 139
2,6-Dinitrotoluene	100	107		ug/L		107	50 - 158
2-Chloronaphthalene	100	88.2		ug/L		88	60 - 118
2-Chlorophenol	100	81.1		ug/L		81	23 - 134
2-Nitrophenol	100	90.7		ug/L		91	29 - 182
3,3'-Dichlorobenzidine	100	84.6		ug/L		85	1 - 262
4,6-Dinitro-2-methylphenol	100	106		ug/L		106	1 - 181
4-Bromophenyl phenyl ether	100	100		ug/L		100	53 - 127
4-Chloro-3-methylphenol	100	102		ug/L		102	22 - 147
4-Chlorophenyl phenyl ether	100	94.9		ug/L		95	25 - 158
4-Nitrophenol	100	61.2		ug/L		61	1 - 132
Acenaphthene	100	92.1		ug/L		92	47 - 145
Acenaphthylene	100	94.8		ug/L		95	33 - 145
Anthracene	100	97.8		ug/L		98	27 - 133
Benzo[a]anthracene	100	98.8		ug/L		99	33 - 143
Benzo[a]pyrene	100	125		ug/L		125	17 - 163
Benzo[b]fluoranthene	100	111		ug/L		111	24 - 159
Benzo[g,h,i]perylene	100	116		ug/L		116	1 - 219
Benzo[k]fluoranthene	100	121		ug/L		121	11 - 162
Bis(2-chloroethoxy)methane	100	87.5		ug/L		88	33 - 184
Bis(2-chloroethyl)ether	100	81.7		ug/L		82	12 - 158
Bis(2-ethylhexyl) phthalate	100	96.4		ug/L		96	8 - 158
Butyl benzyl phthalate	100	101		ug/L		101	1 - 152
Chrysene	100	92.2		ug/L		92	17 - 168
Dibenz(a,h)anthracene	100	120		ug/L		120	1 - 227
Diethyl phthalate	100	103		ug/L		103	1 - 114
Dimethyl phthalate	100	97.7		ug/L		98	1 - 112
Di-n-butyl phthalate	100	104		ug/L		104	1 - 118

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-52996/2-A

Matrix: Water

Analysis Batch: 53123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	114		ug/L		114	4 - 146
Fluoranthene	100	99.2		ug/L		99	26 - 137
Fluorene	100	96.7		ug/L		97	59 - 121
Hexachlorobenzene	100	98.1		ug/L		98	1 - 152
Hexachlorocyclopentadiene	100	79.4		ug/L		79	5 - 120
Hexachloroethane	100	61.2		ug/L		61	40 - 113
Indeno[1,2,3-cd]pyrene	100	118		ug/L		118	1 - 171
Isophorone	100	89.9		ug/L		90	21 - 196
Naphthalene	100	79.3		ug/L		79	21 - 133
Nitrobenzene	100	87.3		ug/L		87	35 - 180
N-Nitrosodi-n-propylamine	100	94.2		ug/L		94	1 - 230
N-Nitrosodiphenylamine	100	105		ug/L		105	54 - 125
Pentachlorophenol	100	111		ug/L		111	14 - 176
Phenanthrene	100	95.5		ug/L		96	54 - 120
Phenol	100	41.4		ug/L		41	5 - 112
Pyrene	100	93.8		ug/L		94	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	107		52 - 151
2-Fluorobiphenyl	85		44 - 120
2-Fluorophenol	49		17 - 120
Nitrobenzene-d5	88		42 - 120
Phenol-d5	38		10 - 120
p-Terphenyl-d14	86		22 - 125

Lab Sample ID: LCSD 480-52996/3-A

Matrix: Water

Analysis Batch: 53123

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 52996

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4-Trichlorobenzene	100	62.4		ug/L		62	44 - 142	13	34
1,2-Dichlorobenzene	100	58.0		ug/L		58	32 - 129	12	38
1,3-Dichlorobenzene	100	54.7		ug/L		55	1 - 172	13	37
1,4-Dichlorobenzene	100	55.4		ug/L		55	20 - 124	14	40
2,2'-Oxybis(1-chloropropane)	100	77.2		ug/L		77	36 - 166	5	36
2,4,6-Trichlorophenol	100	102		ug/L		102	37 - 144	1	20
2,4-Dichlorophenol	100	90.3		ug/L		90	39 - 135	3	23
2,4-Dimethylphenol	100	91.5		ug/L		92	32 - 119	1	18
2,4-Dinitrophenol	100	98.5		ug/L		99	1 - 191	2	29
2,4-Dinitrotoluene	100	108		ug/L		108	39 - 139	1	20
2,6-Dinitrotoluene	100	108		ug/L		108	50 - 158	1	17
2-Chloronaphthalene	100	85.6		ug/L		86	60 - 118	3	30
2-Chlorophenol	100	76.8		ug/L		77	23 - 134	5	26
2-Nitrophenol	100	89.0		ug/L		89	29 - 182	2	28
3,3'-Dichlorobenzidine	100	89.2		ug/L		89	1 - 262	5	31
4,6-Dinitro-2-methylphenol	100	107		ug/L		107	1 - 181	1	30
4-Bromophenyl phenyl ether	100	101		ug/L		101	53 - 127	0	16
4-Chloro-3-methylphenol	100	102		ug/L		102	22 - 147	1	16
4-Chlorophenyl phenyl ether	100	95.2		ug/L		95	25 - 158	0	15

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-52996/3-A

Matrix: Water

Analysis Batch: 53123

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 52996

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol	100	60.7		ug/L		61	1 - 132	1	24
Acenaphthene	100	91.3		ug/L		91	47 - 145	1	25
Acenaphthylene	100	93.7		ug/L		94	33 - 145	1	22
Anthracene	100	98.1		ug/L		98	27 - 133	0	15
Benzo[a]anthracene	100	97.5		ug/L		98	33 - 143	1	15
Benzo[a]pyrene	100	125		ug/L		125	17 - 163	0	15
Benzo[b]fluoranthene	100	114		ug/L		114	24 - 159	3	17
Benzo[g,h,i]perylene	100	119		ug/L		119	1 - 219	3	19
Benzo[k]fluoranthene	100	119		ug/L		119	11 - 162	2	19
Bis(2-chloroethoxy)methane	100	86.5		ug/L		87	33 - 184	1	23
Bis(2-chloroethyl)ether	100	78.6		ug/L		79	12 - 158	4	33
Bis(2-ethylhexyl) phthalate	100	98.0		ug/L		98	8 - 158	2	15
Butyl benzyl phthalate	100	102		ug/L		102	1 - 152	1	15
Chrysene	100	95.5		ug/L		96	17 - 168	4	15
Dibenz(a,h)anthracene	100	122		ug/L		122	1 - 227	2	18
Diethyl phthalate	100	104		ug/L		104	1 - 114	1	15
Dimethyl phthalate	100	99.4		ug/L		99	1 - 112	2	15
Di-n-butyl phthalate	100	104		ug/L		104	1 - 118	0	15
Di-n-octyl phthalate	100	114		ug/L		114	4 - 146	0	15
Fluoranthene	100	99.1		ug/L		99	26 - 137	0	15
Fluorene	100	97.1		ug/L		97	59 - 121	0	18
Hexachlorobenzene	100	98.6		ug/L		99	1 - 152	1	15
Hexachlorocyclopentadiene	100	69.6		ug/L		70	5 - 120	13	50
Hexachloroethane	100	52.9		ug/L		53	40 - 113	15	43
Indeno[1,2,3-cd]pyrene	100	119		ug/L		119	1 - 171	1	17
Isophorone	100	92.2		ug/L		92	21 - 196	3	21
Naphthalene	100	72.5		ug/L		73	21 - 133	9	31
Nitrobenzene	100	85.2		ug/L		85	35 - 180	2	27
N-Nitrosodi-n-propylamine	100	94.2		ug/L		94	1 - 230	0	23
N-Nitrosodiphenylamine	100	104		ug/L		104	54 - 125	2	15
Pentachlorophenol	100	109		ug/L		109	14 - 176	1	21
Phenanthrene	100	95.7		ug/L		96	54 - 120	0	16
Phenol	100	39.7		ug/L		40	5 - 112	4	36
Pyrene	100	94.9		ug/L		95	52 - 115	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	105		52 - 151
2-Fluorobiphenyl	84		44 - 120
2-Fluorophenol	47		17 - 120
Nitrobenzene-d5	87		42 - 120
Phenol-d5	36		10 - 120
p-Terphenyl-d14	90		22 - 125

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-52890/1-A

Matrix: Water

Analysis Batch: 53143

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		02/27/12 08:30	02/27/12 18:32	1

Lab Sample ID: LCS 480-52890/2-A

Matrix: Water

Analysis Batch: 53143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52890

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.207		mg/L		104	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-52971/1-A

Matrix: Water

Analysis Batch: 53091

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		02/27/12 09:10	02/27/12 16:04	1

Lab Sample ID: LCS 480-52971/2-A

Matrix: Water

Analysis Batch: 53091

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00710		mg/L		106	85 - 115

Lab Sample ID: 480-16493-1 MS

Matrix: Water

Analysis Batch: 53091

Client Sample ID: COMPOSITE 001

Prep Type: Total/NA

Prep Batch: 52971

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00705		mg/L		106	70 - 130

Lab Sample ID: 480-16493-1 MSD

Matrix: Water

Analysis Batch: 53091

Client Sample ID: COMPOSITE 001

Prep Type: Total/NA

Prep Batch: 52971

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD Limit
Mercury	ND		0.00667	0.00697		mg/L		104	70 - 130	1 20

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-52878/1-A

Matrix: Water

Analysis Batch: 52950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		02/24/12 14:08	02/25/12 13:13	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method: 335.4 - Cyanide, Total (Continued)

Lab Sample ID: LCS 480-52878/2-A

Matrix: Water

Analysis Batch: 52950

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.415		mg/L		104	90 - 110

Lab Sample ID: 480-16493-1 MS

Matrix: Water

Analysis Batch: 52950

Client Sample ID: COMPOSITE 001

Prep Type: Total/NA

Prep Batch: 52878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.24		0.100	0.286	F	mg/L		42	85 - 115

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-52924/1

Matrix: Water

Analysis Batch: 52924

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.970		SU		100	99 - 101

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

GC/MS VOA

Analysis Batch: 52819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	624	
480-16493-6	TRIP BLANK	Total/NA	Water	624	
LCS 480-52819/4	Lab Control Sample	Total/NA	Water	624	
MB 480-52819/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 52996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	625	
LCS 480-52996/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-52996/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-52996/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 53123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	625	52996
LCS 480-52996/2-A	Lab Control Sample	Total/NA	Water	625	52996
LCSD 480-52996/3-A	Lab Control Sample Dup	Total/NA	Water	625	52996
MB 480-52996/1-A	Method Blank	Total/NA	Water	625	52996

Metals

Prep Batch: 52890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	200.7	
LCS 480-52890/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-52890/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 52971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	245.1	
480-16493-1 MS	COMPOSITE 001	Total/NA	Water	245.1	
480-16493-1 MSD	COMPOSITE 001	Total/NA	Water	245.1	
LCS 480-52971/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-52971/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 53091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	245.1	52971
480-16493-1 MS	COMPOSITE 001	Total/NA	Water	245.1	52971
480-16493-1 MSD	COMPOSITE 001	Total/NA	Water	245.1	52971
LCS 480-52971/2-A	Lab Control Sample	Total/NA	Water	245.1	52971
MB 480-52971/1-A	Method Blank	Total/NA	Water	245.1	52971

Analysis Batch: 53143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	200.7 Rev 4.4	52890
LCS 480-52890/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	52890
MB 480-52890/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	52890

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

General Chemistry

Prep Batch: 52878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	Distill/CN	
480-16493-1 MS	COMPOSITE 001	Total/NA	Water	Distill/CN	
LCS 480-52878/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-52878/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 52924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	SM 4500 H+ B	
LCS 480-52924/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 52950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16493-1	COMPOSITE 001	Total/NA	Water	335.4	52878
480-16493-1 MS	COMPOSITE 001	Total/NA	Water	335.4	52878
LCS 480-52878/2-A	Lab Control Sample	Total/NA	Water	335.4	52878
MB 480-52878/1-A	Method Blank	Total/NA	Water	335.4	52878

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Client Sample ID: COMPOSITE 001

Date Collected: 02/22/12 14:00

Date Received: 02/23/12 11:40

Lab Sample ID: 480-16493-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	52819	02/24/12 19:08	TRB	TAL BUF
Total/NA	Prep	625			52996	02/27/12 09:22	TR	TAL BUF
Total/NA	Analysis	625		1	53123	02/28/12 13:06	AM	TAL BUF
Total/NA	Prep	245.1			52971	02/27/12 09:10	JM	TAL BUF
Total/NA	Analysis	245.1		1	53091	02/27/12 16:28	JM	TAL BUF
Total/NA	Prep	200.7			52890	02/27/12 08:30	JM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	53143	02/27/12 19:17	MM	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	52924	02/24/12 20:15	EGN	TAL BUF
Total/NA	Prep	Distill/CN			52878	02/24/12 14:08	PN	TAL BUF
Total/NA	Analysis	335.4		1	52950	02/25/12 13:19	JR	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 02/22/12 00:00

Date Received: 02/23/12 11:40

Lab Sample ID: 480-16493-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	52819	02/24/12 19:31	TRB	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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-16493-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-16493-1	COMPOSITE 001	Water	02/22/12 14:00	02/23/12 11:40
480-16493-6	TRIP BLANK	Water	02/22/12 00:00	02/23/12 11:40

TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2288
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Mr. Brent Miller Phone: 1-800-287-7857 Email: denise.giglia@testamericainc.com		Lab PM: Giglia, Denise E-Mail: denise.giglia@testamericainc.com		Carrier Tracking No(s): COC No: 480-15250-1280.1 Page: Page 1 of 1 Job #:	
Company: Groundwater & Environmental Services Inc Address: 158 Sonwill Drive City: Cheektowaga State, Zip: NY, 14225 Phone: 484-325-0280(Tel) Email: bmiller@gesonline.com Project #: 48002463 Bristol Myers Squibb Monthly Site:		Analysis Requested Due Date Requested: TAT Requested (days): 10 DAY PO #: 0901204-15-220 WO #: Com Project #: 48002463 SSOW#:			
Sample Identification Sample #: 001 Sample Date: 2-22-12 Sample Time: 0800 Sample Type (C=Comp, G=grab): G Matrix (W=water, S=solid, O=other, BT=Tissue, A=air): Water		Field Filtered Sample (Yes or No): ☒ Yes Perform MS/MSD (Yes or No): ☒ Yes 200.7, 245.1 624 Smi - (MOD) Priority Pollutant List - VOA - 62 625 - (MOD) Priority Pollutant List - SVOA - 6 335.4 - Cyanide, Total SMA500_H+ - pH			
Special Instructions/Note: Comp. Samples at Lab before running		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:			
Empty Kit Relinquished by: Brent Miller Date: 2-22-12 Time: 1430 Company: GES		Method of Shipment:			
Relinquished by: Brent Miller Date: 2-23-12 Time: 11:40 Company: BFLO		Relinquished by: Brent Miller Date: 2-23-12 Time: 11:40 Company: BFLO			
Custody Seals Intact: ☒ Yes ☐ No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 7.9 #1			

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-16493-1

Login Number: 16493

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

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

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-17310-1

Client Project/Site: Iroquois Gas / Westwood Pharm Monthly

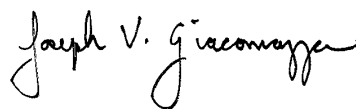
For:

Groundwater & Environmental Services Inc

158 Sonwil Drive

Cheektowaga, New York 14225

Attn: Mr. Andrew Janik



Authorized for release by:

3/27/2012 9:55:03 AM

Joe Giacomazza

Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman

Project Manager II

sally.hoffman@testamericainc.com

LINKS

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www.testamericainc.com

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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

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.
B	Compound was found in the blank and sample.

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Job ID: 480-17310-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-17310-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 624: The following sample was composited by the laboratory on 3-15-12 as requested on the chain-of-custody: COMPOSITE 001 (480-17310-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 625: The method blank for batch 55497 contained multiple analytes above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: COMPOSITE 001 (480-17310-1)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-17310-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.71	J	5.0	0.34	ug/L	1		624	Total/NA
Benzo[a]anthracene	0.29	J B	4.7	0.041	ug/L	1		625	Total/NA
Benzo[a]pyrene	0.18	J	4.7	0.055	ug/L	1		625	Total/NA
Benzo[b]fluoranthene	0.22	J	4.7	0.058	ug/L	1		625	Total/NA
Benzo[g,h,i]perylene	0.21	J	4.7	0.095	ug/L	1		625	Total/NA
Benzo[k]fluoranthene	0.25	J	4.7	0.039	ug/L	1		625	Total/NA
Chrysene	0.23	J B	4.7	0.034	ug/L	1		625	Total/NA
Dibenz(a,h)anthracene	0.18	J	4.7	0.052	ug/L	1		625	Total/NA
Fluoranthene	0.14	J	4.7	0.10	ug/L	1		625	Total/NA
Indeno[1,2,3-cd]pyrene	0.21	J	4.7	0.18	ug/L	1		625	Total/NA
Pyrene	0.16	J	4.7	0.039	ug/L	1		625	Total/NA
Zinc	0.0019	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.22		0.010	0.0050	mg/L	1		335.4	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.03	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-17310-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.34	J	5.0	0.34	ug/L	1		624	Total/NA

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-17310-1

Date Collected: 03/14/12 14:00

Matrix: Water

Date Received: 03/15/12 11:55

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/16/12 00:17	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/16/12 00:17	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/16/12 00:17	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/16/12 00:17	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/16/12 00:17	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/16/12 00:17	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/16/12 00:17	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/16/12 00:17	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/16/12 00:17	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/16/12 00:17	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/16/12 00:17	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/16/12 00:17	1
Acrolein	ND		100	17	ug/L			03/16/12 00:17	1
Acrylonitrile	ND		25	1.9	ug/L			03/16/12 00:17	1
Benzene	ND		5.0	0.60	ug/L			03/16/12 00:17	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/16/12 00:17	1
Bromoform	ND		5.0	0.47	ug/L			03/16/12 00:17	1
Bromomethane	ND		5.0	1.2	ug/L			03/16/12 00:17	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/16/12 00:17	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/16/12 00:17	1
Chloroethane	ND		5.0	0.87	ug/L			03/16/12 00:17	1
Chloroform	ND		5.0	0.54	ug/L			03/16/12 00:17	1
Chloromethane	ND		5.0	0.64	ug/L			03/16/12 00:17	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/16/12 00:17	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/16/12 00:17	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			03/16/12 00:17	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/16/12 00:17	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/16/12 00:17	1
Tetrachloroethene	0.71	J	5.0	0.34	ug/L			03/16/12 00:17	1
Toluene	ND		5.0	0.45	ug/L			03/16/12 00:17	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/16/12 00:17	1
Trichloroethene	ND		5.0	0.60	ug/L			03/16/12 00:17	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/16/12 00:17	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/16/12 00:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		72 - 130		03/16/12 00:17	1
4-Bromofluorobenzene (Surr)	100		69 - 121		03/16/12 00:17	1
Toluene-d8 (Surr)	97		70 - 123		03/16/12 00:17	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	0.46	ug/L		03/16/12 08:48	03/19/12 13:27	1
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L		03/16/12 08:48	03/19/12 13:27	1
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L		03/16/12 08:48	03/19/12 13:27	1
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L		03/16/12 08:48	03/19/12 13:27	1
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L		03/16/12 08:48	03/19/12 13:27	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		03/16/12 08:48	03/19/12 13:27	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		03/16/12 08:48	03/19/12 13:27	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		03/16/12 08:48	03/19/12 13:27	1
2,4-Dimethylphenol	ND		4.7	0.13	ug/L		03/16/12 08:48	03/19/12 13:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-17310-1

Date Collected: 03/14/12 14:00

Matrix: Water

Date Received: 03/15/12 11:55

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.4	0.79	ug/L		03/16/12 08:48	03/19/12 13:27	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		03/16/12 08:48	03/19/12 13:27	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		03/16/12 08:48	03/19/12 13:27	1
2-Chloronaphthalene	ND		4.7	0.064	ug/L		03/16/12 08:48	03/19/12 13:27	1
2-Chlorophenol	ND		4.7	0.15	ug/L		03/16/12 08:48	03/19/12 13:27	1
2-Nitrophenol	ND		4.7	0.14	ug/L		03/16/12 08:48	03/19/12 13:27	1
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L		03/16/12 08:48	03/19/12 13:27	1
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L		03/16/12 08:48	03/19/12 13:27	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		03/16/12 08:48	03/19/12 13:27	1
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L		03/16/12 08:48	03/19/12 13:27	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		03/16/12 08:48	03/19/12 13:27	1
4-Nitrophenol	ND		9.4	1.3	ug/L		03/16/12 08:48	03/19/12 13:27	1
Acenaphthene	ND		4.7	0.057	ug/L		03/16/12 08:48	03/19/12 13:27	1
Acenaphthylene	ND		4.7	0.032	ug/L		03/16/12 08:48	03/19/12 13:27	1
Anthracene	ND		4.7	0.050	ug/L		03/16/12 08:48	03/19/12 13:27	1
Benzidine	ND		75	2.4	ug/L		03/16/12 08:48	03/19/12 13:27	1
Benzo[a]anthracene	0.29	J B	4.7	0.041	ug/L		03/16/12 08:48	03/19/12 13:27	1
Benzo[a]pyrene	0.18	J	4.7	0.055	ug/L		03/16/12 08:48	03/19/12 13:27	1
Benzo[b]fluoranthene	0.22	J	4.7	0.058	ug/L		03/16/12 08:48	03/19/12 13:27	1
Benzo[g,h,i]perylene	0.21	J	4.7	0.095	ug/L		03/16/12 08:48	03/19/12 13:27	1
Benzo[k]fluoranthene	0.25	J	4.7	0.039	ug/L		03/16/12 08:48	03/19/12 13:27	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		03/16/12 08:48	03/19/12 13:27	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		03/16/12 08:48	03/19/12 13:27	1
Bis(2-ethylhexyl) phthalate	ND		9.4	0.81	ug/L		03/16/12 08:48	03/19/12 13:27	1
Butyl benzyl phthalate	ND		4.7	1.2	ug/L		03/16/12 08:48	03/19/12 13:27	1
Chrysene	0.23	J B	4.7	0.034	ug/L		03/16/12 08:48	03/19/12 13:27	1
Decane	ND		9.4	1.5	ug/L		03/16/12 08:48	03/19/12 13:27	1
Dibenz(a,h)anthracene	0.18	J	4.7	0.052	ug/L		03/16/12 08:48	03/19/12 13:27	1
Diethyl phthalate	ND		4.7	0.16	ug/L		03/16/12 08:48	03/19/12 13:27	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		03/16/12 08:48	03/19/12 13:27	1
Di-n-butyl phthalate	ND		4.7	0.88	ug/L		03/16/12 08:48	03/19/12 13:27	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		03/16/12 08:48	03/19/12 13:27	1
Fluoranthene	0.14	J	4.7	0.10	ug/L		03/16/12 08:48	03/19/12 13:27	1
Fluorene	ND		4.7	0.040	ug/L		03/16/12 08:48	03/19/12 13:27	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		03/16/12 08:48	03/19/12 13:27	1
Hexachlorobutadiene	ND		4.7	0.58	ug/L		03/16/12 08:48	03/19/12 13:27	1
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L		03/16/12 08:48	03/19/12 13:27	1
Hexachloroethane	ND		4.7	0.45	ug/L		03/16/12 08:48	03/19/12 13:27	1
Indeno[1,2,3-cd]pyrene	0.21	J	4.7	0.18	ug/L		03/16/12 08:48	03/19/12 13:27	1
Isophorone	ND		4.7	0.15	ug/L		03/16/12 08:48	03/19/12 13:27	1
Naphthalene	ND		4.7	0.076	ug/L		03/16/12 08:48	03/19/12 13:27	1
Nitrobenzene	ND		4.7	0.10	ug/L		03/16/12 08:48	03/19/12 13:27	1
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L		03/16/12 08:48	03/19/12 13:27	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		03/16/12 08:48	03/19/12 13:27	1
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L		03/16/12 08:48	03/19/12 13:27	1
n-Octadecane	ND		9.4	0.66	ug/L		03/16/12 08:48	03/19/12 13:27	1
Pentachlorophenol	ND		9.4	0.39	ug/L		03/16/12 08:48	03/19/12 13:27	1
Phenanthrene	ND		4.7	0.067	ug/L		03/16/12 08:48	03/19/12 13:27	1
Phenol	ND		4.7	0.11	ug/L		03/16/12 08:48	03/19/12 13:27	1
Pyrene	0.16	J	4.7	0.039	ug/L		03/16/12 08:48	03/19/12 13:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-17310-1

Date Collected: 03/14/12 14:00

Matrix: Water

Date Received: 03/15/12 11:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	115		52 - 151	03/16/12 08:48	03/19/12 13:27	1
2-Fluorobiphenyl	89		44 - 120	03/16/12 08:48	03/19/12 13:27	1
2-Fluorophenol	43		17 - 120	03/16/12 08:48	03/19/12 13:27	1
Nitrobenzene-d5	90		42 - 120	03/16/12 08:48	03/19/12 13:27	1
Phenol-d5	31		10 - 120	03/16/12 08:48	03/19/12 13:27	1
p-Terphenyl-d14	64		22 - 125	03/16/12 08:48	03/19/12 13:27	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0019	J	0.010	0.0015	mg/L		03/19/12 08:45	03/19/12 18:20	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/12 08:25	03/16/12 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.22		0.010	0.0050	mg/L		03/23/12 13:51	03/23/12 16:30	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.03	HF	0.100	0.100	SU			03/15/12 22:25	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-17310-6

Date Collected: 03/14/12 00:00

Matrix: Water

Date Received: 03/15/12 11:55

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/16/12 00:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/16/12 00:40	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/16/12 00:40	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/16/12 00:40	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/16/12 00:40	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/16/12 00:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/16/12 00:40	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/16/12 00:40	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/16/12 00:40	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/16/12 00:40	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/16/12 00:40	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/16/12 00:40	1
Acrolein	ND		100	17	ug/L			03/16/12 00:40	1
Acrylonitrile	ND		25	1.9	ug/L			03/16/12 00:40	1
Benzene	ND		5.0	0.60	ug/L			03/16/12 00:40	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/16/12 00:40	1
Bromoform	ND		5.0	0.47	ug/L			03/16/12 00:40	1
Bromomethane	ND		5.0	1.2	ug/L			03/16/12 00:40	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/16/12 00:40	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/16/12 00:40	1
Chloroethane	ND		5.0	0.87	ug/L			03/16/12 00:40	1
Chloroform	ND		5.0	0.54	ug/L			03/16/12 00:40	1
Chloromethane	ND		5.0	0.64	ug/L			03/16/12 00:40	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/16/12 00:40	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/16/12 00:40	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-17310-6

Date Collected: 03/14/12 00:00

Matrix: Water

Date Received: 03/15/12 11:55

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	ND		5.0	0.61	ug/L			03/16/12 00:40	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/16/12 00:40	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/16/12 00:40	1
Tetrachloroethene	0.34	J	5.0	0.34	ug/L			03/16/12 00:40	1
Toluene	ND		5.0	0.45	ug/L			03/16/12 00:40	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/16/12 00:40	1
Trichloroethene	ND		5.0	0.60	ug/L			03/16/12 00:40	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/16/12 00:40	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/16/12 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		72 - 130					03/16/12 00:40	1
4-Bromofluorobenzene (Surr)	100		69 - 121					03/16/12 00:40	1
Toluene-d8 (Surr)	97		70 - 123					03/16/12 00:40	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (72-130)	BFB (69-121)	TOL (70-123)
480-17310-1	COMPOSITE 001	96	100	97
480-17310-6	TRIP BLANK	93	100	97
LCS 480-55340/4	Lab Control Sample	96	101	98
MB 480-55340/5	Method Blank	94	100	97
Surrogate Legend				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-17310-1	COMPOSITE 001	115	89	43	90	31	64
LCS 480-55497/2-A	Lab Control Sample	124	86	47	80	34	111
LCSD 480-55497/3-A	Lab Control Sample Dup	137	95	50	88	37	120
MB 480-55497/1-A	Method Blank	106	75	41	72	29	111
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPH = p-Terphenyl-d14							

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-55340/5

Matrix: Water

Analysis Batch: 55340

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		5.0	0.39	ug/L			03/15/12 12:22	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/15/12 12:22	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/15/12 12:22	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/15/12 12:22	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/15/12 12:22	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/15/12 12:22	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/15/12 12:22	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/15/12 12:22	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/15/12 12:22	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/15/12 12:22	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/15/12 12:22	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/15/12 12:22	1
Acrolein	ND		100	17	ug/L			03/15/12 12:22	1
Acrylonitrile	ND		25	1.9	ug/L			03/15/12 12:22	1
Benzene	ND		5.0	0.60	ug/L			03/15/12 12:22	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/15/12 12:22	1
Bromoform	ND		5.0	0.47	ug/L			03/15/12 12:22	1
Bromomethane	ND		5.0	1.2	ug/L			03/15/12 12:22	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/15/12 12:22	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/15/12 12:22	1
Chloroethane	ND		5.0	0.87	ug/L			03/15/12 12:22	1
Chloroform	ND		5.0	0.54	ug/L			03/15/12 12:22	1
Chloromethane	ND		5.0	0.64	ug/L			03/15/12 12:22	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/15/12 12:22	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/15/12 12:22	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			03/15/12 12:22	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/15/12 12:22	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/15/12 12:22	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/15/12 12:22	1
Toluene	ND		5.0	0.45	ug/L			03/15/12 12:22	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/15/12 12:22	1
Trichloroethene	ND		5.0	0.60	ug/L			03/15/12 12:22	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/15/12 12:22	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/15/12 12:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		72 - 130		03/15/12 12:22	1
4-Bromofluorobenzene (Surr)	100		69 - 121		03/15/12 12:22	1
Toluene-d8 (Surr)	97		70 - 123		03/15/12 12:22	1

Lab Sample ID: LCS 480-55340/4

Matrix: Water

Analysis Batch: 55340

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	20.0	20.1		ug/L		101	75 - 125
1,1,2,2-Tetrachloroethane	20.0	21.0		ug/L		105	61 - 140
1,1,2-Trichloroethane	20.0	19.5		ug/L		98	71 - 129
1,1-Dichloroethane	20.0	19.7		ug/L		99	73 - 128

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-55340/4

Matrix: Water

Analysis Batch: 55340

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	19.0		ug/L		95	51 - 150
1,2-Dichlorobenzene	20.0	19.3		ug/L		97	63 - 137
1,2-Dichloroethane	20.0	19.9		ug/L		100	68 - 132
1,2-Dichloropropane	20.0	20.7		ug/L		104	34 - 166
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	73 - 127
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	63 - 137
2-Chloroethyl vinyl ether	100	105		ug/L		105	1 - 224
Benzene	20.0	19.6		ug/L		98	64 - 136
Bromodichloromethane	20.0	19.4		ug/L		97	66 - 135
Bromoform	20.0	18.4		ug/L		92	71 - 129
Bromomethane	20.0	21.2		ug/L		106	14 - 186
Carbon tetrachloride	20.0	19.6		ug/L		98	73 - 127
Chlorobenzene	20.0	19.7		ug/L		99	66 - 134
Chloroethane	20.0	19.1		ug/L		96	38 - 162
Chloroform	20.0	19.9		ug/L		100	68 - 133
Chloromethane	20.0	19.8		ug/L		99	1 - 204
cis-1,3-Dichloropropene	20.0	19.8		ug/L		99	24 - 176
Dibromochloromethane	20.0	19.8		ug/L		99	68 - 133
Ethylbenzene	20.0	19.5		ug/L		98	59 - 141
Methylene Chloride	20.0	19.9		ug/L		100	61 - 140
Tetrachloroethene	20.0	19.0		ug/L		95	74 - 127
Toluene	20.0	19.3		ug/L		97	75 - 126
trans-1,3-Dichloropropene	20.0	19.9		ug/L		100	50 - 150
Trichloroethene	20.0	19.4		ug/L		97	67 - 134
Trichlorofluoromethane	20.0	23.1		ug/L		116	48 - 152
Vinyl chloride	20.0	20.3		ug/L		102	4 - 196

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		72 - 130
4-Bromofluorobenzene (Surr)	101		69 - 121
Toluene-d8 (Surr)	98		70 - 123

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-55497/1-A

Matrix: Water

Analysis Batch: 55757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 55497

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		03/16/12 08:48	03/19/12 10:17	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		03/16/12 08:48	03/19/12 10:17	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		03/16/12 08:48	03/19/12 10:17	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		03/16/12 08:48	03/19/12 10:17	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		03/16/12 08:48	03/19/12 10:17	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		03/16/12 08:48	03/19/12 10:17	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		03/16/12 08:48	03/19/12 10:17	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		03/16/12 08:48	03/19/12 10:17	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		03/16/12 08:48	03/19/12 10:17	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		03/16/12 08:48	03/19/12 10:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-55497/1-A

Matrix: Water

Analysis Batch: 55757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 55497

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		03/16/12 08:48	03/19/12 10:17	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		03/16/12 08:48	03/19/12 10:17	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		03/16/12 08:48	03/19/12 10:17	1
2-Chlorophenol	ND		5.0	0.16	ug/L		03/16/12 08:48	03/19/12 10:17	1
2-Nitrophenol	ND		5.0	0.14	ug/L		03/16/12 08:48	03/19/12 10:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		03/16/12 08:48	03/19/12 10:17	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		03/16/12 08:48	03/19/12 10:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		03/16/12 08:48	03/19/12 10:17	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		03/16/12 08:48	03/19/12 10:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		03/16/12 08:48	03/19/12 10:17	1
4-Nitrophenol	ND		10	1.3	ug/L		03/16/12 08:48	03/19/12 10:17	1
Acenaphthene	ND		5.0	0.060	ug/L		03/16/12 08:48	03/19/12 10:17	1
Acenaphthylene	ND		5.0	0.034	ug/L		03/16/12 08:48	03/19/12 10:17	1
Anthracene	ND		5.0	0.052	ug/L		03/16/12 08:48	03/19/12 10:17	1
Benzydine	ND		80	2.5	ug/L		03/16/12 08:48	03/19/12 10:17	1
Benzo[a]anthracene	0.158	J	5.0	0.043	ug/L		03/16/12 08:48	03/19/12 10:17	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		03/16/12 08:48	03/19/12 10:17	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		03/16/12 08:48	03/19/12 10:17	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		03/16/12 08:48	03/19/12 10:17	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		03/16/12 08:48	03/19/12 10:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		03/16/12 08:48	03/19/12 10:17	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		03/16/12 08:48	03/19/12 10:17	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		03/16/12 08:48	03/19/12 10:17	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		03/16/12 08:48	03/19/12 10:17	1
Chrysene	0.124	J	5.0	0.036	ug/L		03/16/12 08:48	03/19/12 10:17	1
Decane	ND		10	1.6	ug/L		03/16/12 08:48	03/19/12 10:17	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		03/16/12 08:48	03/19/12 10:17	1
Diethyl phthalate	ND		5.0	0.17	ug/L		03/16/12 08:48	03/19/12 10:17	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		03/16/12 08:48	03/19/12 10:17	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		03/16/12 08:48	03/19/12 10:17	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		03/16/12 08:48	03/19/12 10:17	1
Fluoranthene	ND		5.0	0.11	ug/L		03/16/12 08:48	03/19/12 10:17	1
Fluorene	ND		5.0	0.043	ug/L		03/16/12 08:48	03/19/12 10:17	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		03/16/12 08:48	03/19/12 10:17	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		03/16/12 08:48	03/19/12 10:17	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		03/16/12 08:48	03/19/12 10:17	1
Hexachloroethane	ND		5.0	0.48	ug/L		03/16/12 08:48	03/19/12 10:17	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		03/16/12 08:48	03/19/12 10:17	1
Isophorone	ND		5.0	0.16	ug/L		03/16/12 08:48	03/19/12 10:17	1
Naphthalene	ND		5.0	0.080	ug/L		03/16/12 08:48	03/19/12 10:17	1
Nitrobenzene	ND		5.0	0.11	ug/L		03/16/12 08:48	03/19/12 10:17	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		03/16/12 08:48	03/19/12 10:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		03/16/12 08:48	03/19/12 10:17	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		03/16/12 08:48	03/19/12 10:17	1
n-Octadecane	ND		10	0.70	ug/L		03/16/12 08:48	03/19/12 10:17	1
Pentachlorophenol	ND		10	0.41	ug/L		03/16/12 08:48	03/19/12 10:17	1
Phenanthrene	ND		5.0	0.071	ug/L		03/16/12 08:48	03/19/12 10:17	1
Phenol	ND		5.0	0.12	ug/L		03/16/12 08:48	03/19/12 10:17	1
Pyrene	ND		5.0	0.041	ug/L		03/16/12 08:48	03/19/12 10:17	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-55497/1-A

Matrix: Water

Analysis Batch: 55757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 55497

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		52 - 151	03/16/12 08:48	03/19/12 10:17	1
2-Fluorobiphenyl	75		44 - 120	03/16/12 08:48	03/19/12 10:17	1
2-Fluorophenol	41		17 - 120	03/16/12 08:48	03/19/12 10:17	1
Nitrobenzene-d5	72		42 - 120	03/16/12 08:48	03/19/12 10:17	1
Phenol-d5	29		10 - 120	03/16/12 08:48	03/19/12 10:17	1
p-Terphenyl-d14	111		22 - 125	03/16/12 08:48	03/19/12 10:17	1

Lab Sample ID: LCS 480-55497/2-A

Matrix: Water

Analysis Batch: 55757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 55497

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	66.6		ug/L		67	44 - 142
1,2-Dichlorobenzene	100	59.3		ug/L		59	32 - 129
1,3-Dichlorobenzene	100	54.3		ug/L		54	1 - 172
1,4-Dichlorobenzene	100	56.4		ug/L		56	20 - 124
2,2'-Oxybis(1-chloropropane)	100	64.9		ug/L		65	36 - 166
2,4,6-Trichlorophenol	100	98.1		ug/L		98	37 - 144
2,4-Dichlorophenol	100	88.0		ug/L		88	39 - 135
2,4-Dimethylphenol	100	87.0		ug/L		87	32 - 119
2,4-Dinitrophenol	100	102		ug/L		102	1 - 191
2,4-Dinitrotoluene	100	109		ug/L		109	39 - 139
2,6-Dinitrotoluene	100	113		ug/L		113	50 - 158
2-Chloronaphthalene	100	81.5		ug/L		82	60 - 118
2-Chlorophenol	100	69.6		ug/L		70	23 - 134
2-Nitrophenol	100	87.2		ug/L		87	29 - 182
3,3'-Dichlorobenzidine	100	61.5		ug/L		62	1 - 262
4,6-Dinitro-2-methylphenol	100	102		ug/L		102	1 - 181
4-Bromophenyl phenyl ether	100	101		ug/L		101	53 - 127
4-Chloro-3-methylphenol	100	95.5		ug/L		96	22 - 147
4-Chlorophenyl phenyl ether	100	93.0		ug/L		93	25 - 158
4-Nitrophenol	100	51.7		ug/L		52	1 - 132
Acenaphthene	100	86.0		ug/L		86	47 - 145
Acenaphthylene	100	88.9		ug/L		89	33 - 145
Anthracene	100	95.0		ug/L		95	27 - 133
Benzo[a]anthracene	100	93.8		ug/L		94	33 - 143
Benzo[a]pyrene	100	87.6		ug/L		88	17 - 163
Benzo[b]fluoranthene	100	83.3		ug/L		83	24 - 159
Benzo[g,h,i]perylene	100	98.0		ug/L		98	1 - 219
Benzo[k]fluoranthene	100	86.4		ug/L		86	11 - 162
Bis(2-chloroethoxy)methane	100	78.1		ug/L		78	33 - 184
Bis(2-chloroethyl)ether	100	69.5		ug/L		70	12 - 158
Bis(2-ethylhexyl) phthalate	100	99.9		ug/L		100	8 - 158
Butyl benzyl phthalate	100	94.9		ug/L		95	1 - 152
Chrysene	100	88.0		ug/L		88	17 - 168
Dibenz(a,h)anthracene	100	98.0		ug/L		98	1 - 227
Diethyl phthalate	100	101		ug/L		101	1 - 114
Dimethyl phthalate	100	96.8		ug/L		97	1 - 112
Di-n-butyl phthalate	100	99.3		ug/L		99	1 - 118

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-55497/2-A

Matrix: Water

Analysis Batch: 55757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 55497

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	108		ug/L		108	4 - 146
Fluoranthene	100	98.1		ug/L		98	26 - 137
Fluorene	100	92.2		ug/L		92	59 - 121
Hexachlorobenzene	100	103		ug/L		103	1 - 152
Hexachlorocyclopentadiene	100	63.3		ug/L		63	5 - 120
Hexachloroethane	100	49.1		ug/L		49	40 - 113
Indeno[1,2,3-cd]pyrene	100	98.4		ug/L		98	1 - 171
Isophorone	100	83.9		ug/L		84	21 - 196
Naphthalene	100	74.6		ug/L		75	21 - 133
Nitrobenzene	100	77.4		ug/L		77	35 - 180
N-Nitrosodi-n-propylamine	100	77.3		ug/L		77	1 - 230
N-Nitrosodiphenylamine	100	93.1		ug/L		93	54 - 125
Pentachlorophenol	100	124		ug/L		124	14 - 176
Phenanthrene	100	91.5		ug/L		92	54 - 120
Phenol	100	34.5		ug/L		35	5 - 112
Pyrene	100	90.4		ug/L		90	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	124		52 - 151
2-Fluorobiphenyl	86		44 - 120
2-Fluorophenol	47		17 - 120
Nitrobenzene-d5	80		42 - 120
Phenol-d5	34		10 - 120
p-Terphenyl-d14	111		22 - 125

Lab Sample ID: LCSD 480-55497/3-A

Matrix: Water

Analysis Batch: 55757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 55497

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4-Trichlorobenzene	100	74.1		ug/L		74	44 - 142	11	34
1,2-Dichlorobenzene	100	64.1		ug/L		64	32 - 129	8	38
1,3-Dichlorobenzene	100	59.1		ug/L		59	1 - 172	8	37
1,4-Dichlorobenzene	100	60.8		ug/L		61	20 - 124	8	40
2,2'-Oxybis(1-chloropropane)	100	68.2		ug/L		68	36 - 166	5	36
2,4,6-Trichlorophenol	100	108		ug/L		108	37 - 144	10	20
2,4-Dichlorophenol	100	96.7		ug/L		97	39 - 135	9	23
2,4-Dimethylphenol	100	93.5		ug/L		94	32 - 119	7	18
2,4-Dinitrophenol	100	115		ug/L		115	1 - 191	12	29
2,4-Dinitrotoluene	100	117		ug/L		117	39 - 139	7	20
2,6-Dinitrotoluene	100	123		ug/L		123	50 - 158	9	17
2-Chloronaphthalene	100	91.2		ug/L		91	60 - 118	11	30
2-Chlorophenol	100	74.7		ug/L		75	23 - 134	7	26
2-Nitrophenol	100	96.7		ug/L		97	29 - 182	10	28
3,3'-Dichlorobenzidine	100	66.4		ug/L		66	1 - 262	8	31
4,6-Dinitro-2-methylphenol	100	114		ug/L		114	1 - 181	11	30
4-Bromophenyl phenyl ether	100	111		ug/L		111	53 - 127	10	16
4-Chloro-3-methylphenol	100	102		ug/L		102	22 - 147	7	16
4-Chlorophenyl phenyl ether	100	101		ug/L		101	25 - 158	9	15

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-55497/3-A

Matrix: Water

Analysis Batch: 55757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 55497

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol	100	56.6		ug/L		57	1 - 132	9	24
Acenaphthene	100	94.6		ug/L		95	47 - 145	10	25
Acenaphthylene	100	98.0		ug/L		98	33 - 145	10	22
Anthracene	100	101		ug/L		101	27 - 133	6	15
Benzo[a]anthracene	100	100		ug/L		100	33 - 143	7	15
Benzo[a]pyrene	100	93.4		ug/L		93	17 - 163	6	15
Benzo[b]fluoranthene	100	87.5		ug/L		88	24 - 159	5	17
Benzo[g,h,i]perylene	100	106		ug/L		106	1 - 219	7	19
Benzo[k]fluoranthene	100	95.2		ug/L		95	11 - 162	10	19
Bis(2-chloroethoxy)methane	100	84.1		ug/L		84	33 - 184	7	23
Bis(2-chloroethyl)ether	100	73.7		ug/L		74	12 - 158	6	33
Bis(2-ethylhexyl) phthalate	100	106		ug/L		106	8 - 158	6	15
Butyl benzyl phthalate	100	102		ug/L		102	1 - 152	7	15
Chrysene	100	94.7		ug/L		95	17 - 168	7	15
Dibenz(a,h)anthracene	100	106		ug/L		106	1 - 227	8	18
Diethyl phthalate	100	108		ug/L		108	1 - 114	6	15
Dimethyl phthalate	100	104		ug/L		104	1 - 112	8	15
Di-n-butyl phthalate	100	107		ug/L		107	1 - 118	8	15
Di-n-octyl phthalate	100	115		ug/L		115	4 - 146	6	15
Fluoranthene	100	106		ug/L		106	26 - 137	8	15
Fluorene	100	100		ug/L		100	59 - 121	9	18
Hexachlorobenzene	100	113		ug/L		113	1 - 152	9	15
Hexachlorocyclopentadiene	100	73.0		ug/L		73	5 - 120	14	50
Hexachloroethane	100	53.9		ug/L		54	40 - 113	9	43
Indeno[1,2,3-cd]pyrene	100	107		ug/L		107	1 - 171	8	17
Isophorone	100	90.1		ug/L		90	21 - 196	7	21
Naphthalene	100	81.7		ug/L		82	21 - 133	9	31
Nitrobenzene	100	83.2		ug/L		83	35 - 180	7	27
N-Nitrosodi-n-propylamine	100	82.4		ug/L		82	1 - 230	6	23
N-Nitrosodiphenylamine	100	102		ug/L		102	54 - 125	9	15
Pentachlorophenol	100	137		ug/L		137	14 - 176	11	21
Phenanthrene	100	98.1		ug/L		98	54 - 120	7	16
Phenol	100	36.8		ug/L		37	5 - 112	6	36
Pyrene	100	97.3		ug/L		97	52 - 115	7	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	137		52 - 151
2-Fluorobiphenyl	95		44 - 120
2-Fluorophenol	50		17 - 120
Nitrobenzene-d5	88		42 - 120
Phenol-d5	37		10 - 120
p-Terphenyl-d14	120		22 - 125

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-55604/1-A

Matrix: Water

Analysis Batch: 55931

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 55604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		03/19/12 08:45	03/19/12 17:58	1

Lab Sample ID: LCS 480-55604/2-A

Matrix: Water

Analysis Batch: 55931

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 55604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.212		mg/L		106	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-55481/1-A

Matrix: Water

Analysis Batch: 55556

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 55481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/16/12 08:25	03/16/12 12:01	1

Lab Sample ID: LCS 480-55481/2-A

Matrix: Water

Analysis Batch: 55556

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 55481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00677		mg/L		101	85 - 115

Lab Sample ID: 480-17310-1 MS

Matrix: Water

Analysis Batch: 55556

Client Sample ID: COMPOSITE 001

Prep Type: Total/NA

Prep Batch: 55481

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00677		mg/L		101	70 - 130

Lab Sample ID: 480-17310-1 MSD

Matrix: Water

Analysis Batch: 55556

Client Sample ID: COMPOSITE 001

Prep Type: Total/NA

Prep Batch: 55481

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD Limit
Mercury	ND		0.00667	0.00668		mg/L		100	70 - 130	1 20

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-56553/2-A

Matrix: Water

Analysis Batch: 56560

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		03/23/12 13:51	03/23/12 16:26	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method: 335.4 - Cyanide, Total (Continued)

Lab Sample ID: LCS 480-56553/1-A

Matrix: Water

Analysis Batch: 56560

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.237		mg/L		95	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-55470/1

Matrix: Water

Analysis Batch: 55470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.990		SU		100	99 - 101

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

GC/MS VOA

Analysis Batch: 55340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	624	
480-17310-6	TRIP BLANK	Total/NA	Water	624	
LCS 480-55340/4	Lab Control Sample	Total/NA	Water	624	
MB 480-55340/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 55497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	625	
LCS 480-55497/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-55497/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-55497/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 55757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	625	55497
LCS 480-55497/2-A	Lab Control Sample	Total/NA	Water	625	55497
LCSD 480-55497/3-A	Lab Control Sample Dup	Total/NA	Water	625	55497
MB 480-55497/1-A	Method Blank	Total/NA	Water	625	55497

Metals

Prep Batch: 55481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	245.1	
480-17310-1 MS	COMPOSITE 001	Total/NA	Water	245.1	
480-17310-1 MSD	COMPOSITE 001	Total/NA	Water	245.1	
LCS 480-55481/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-55481/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 55556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	245.1	55481
480-17310-1 MS	COMPOSITE 001	Total/NA	Water	245.1	55481
480-17310-1 MSD	COMPOSITE 001	Total/NA	Water	245.1	55481
LCS 480-55481/2-A	Lab Control Sample	Total/NA	Water	245.1	55481
MB 480-55481/1-A	Method Blank	Total/NA	Water	245.1	55481

Prep Batch: 55604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	200.7	
LCS 480-55604/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-55604/1-A	Method Blank	Total/NA	Water	200.7	

Analysis Batch: 55931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	200.7 Rev 4.4	55604
LCS 480-55604/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	55604
MB 480-55604/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	55604

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

General Chemistry

Analysis Batch: 55470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	SM 4500 H+ B	
LCS 480-55470/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 56553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	Distill/CN	
LCS 480-56553/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-56553/2-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 56560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17310-1	COMPOSITE 001	Total/NA	Water	335.4	56553
LCS 480-56553/1-A	Lab Control Sample	Total/NA	Water	335.4	56553
MB 480-56553/2-A	Method Blank	Total/NA	Water	335.4	56553

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Client Sample ID: COMPOSITE 001

Date Collected: 03/14/12 14:00

Date Received: 03/15/12 11:55

Lab Sample ID: 480-17310-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	55340	03/16/12 00:17	RJ	TAL BUF
Total/NA	Prep	625			55497	03/16/12 08:48	KV	TAL BUF
Total/NA	Analysis	625		1	55757	03/19/12 13:27	AM	TAL BUF
Total/NA	Prep	245.1			55481	03/16/12 08:25	JM	TAL BUF
Total/NA	Analysis	245.1		1	55556	03/16/12 12:05	JM	TAL BUF
Total/NA	Prep	200.7			55604	03/19/12 08:45	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	55931	03/19/12 18:20	LH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	55470	03/15/12 22:25	KS	TAL BUF
Total/NA	Prep	Distill/CN			56553	03/23/12 13:51	PJQ	TAL BUF
Total/NA	Analysis	335.4		1	56560	03/23/12 16:30	PJQ	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 03/14/12 00:00

Date Received: 03/15/12 11:55

Lab Sample ID: 480-17310-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	55340	03/16/12 00:40	RJ	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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-17310-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-17310-1	COMPOSITE 001	Water	03/14/12 14:00	03/15/12 11:55
480-17310-6	TRIP BLANK	Water	03/14/12 00:00	03/15/12 11:55

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-17310-1

Login Number: 17310

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

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

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-18087-1

Client Project/Site: Iroquois Gas / Westwood Pharm Monthly

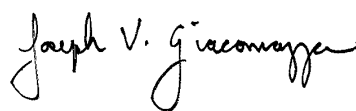
For:

Groundwater & Environmental Services Inc

158 Sonwil Drive

Cheektowaga, New York 14225

Attn: Mr. Andrew Janik



Authorized for release by:

4/13/2012 11:23:00 AM

Joe Giacomazza

Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman

Project Manager II

sally.hoffman@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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Qualifiers

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.
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD exceeds the 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.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Job ID: 480-18087-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-18087-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 624: The following sample was composited by the laboratory on 4/5/12 as requested on the chain-of-custody: COMPOSITE 001 (480-18087-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 625: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 58352 exceeded control limits for the following analytes: Di-n-butyl phthalate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 625: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 58352 exceeded control limits for the following analytes: Benzo(b)fluoranthene. The recoveries were within quality control acceptance limits, therefore the data has been qualified and reported.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: COMPOSITE 001 (480-18087-1)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-18087-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.33	J	9.4	0.14	ug/L	1			625	Total/NA
Benzo[a]anthracene	0.15	J	4.7	0.041	ug/L	1			625	Total/NA
Benzo[a]pyrene	0.057	J	4.7	0.055	ug/L	1			625	Total/NA
Benzo[k]fluoranthene	0.066	J	4.7	0.039	ug/L	1			625	Total/NA
Chrysene	0.091	J	4.7	0.034	ug/L	1			625	Total/NA
Naphthalene	0.95	J	4.7	0.076	ug/L	1			625	Total/NA
Zinc	0.0023	J	0.010	0.0015	mg/L	1			200.7 Rev 4.4	Total/NA
Cyanide, Total	0.31		0.010	0.0050	mg/L	1			335.4	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.33	HF	0.100	0.100	SU	1			SM 4500 H+ B	Total/NA

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-18087-1

Date Collected: 04/04/12 14:00

Matrix: Water

Date Received: 04/04/12 14:35

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/05/12 21:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/05/12 21:31	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/05/12 21:31	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/05/12 21:31	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/05/12 21:31	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/05/12 21:31	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/05/12 21:31	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/05/12 21:31	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/05/12 21:31	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/05/12 21:31	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/05/12 21:31	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/05/12 21:31	1
Acrolein	ND		100	17	ug/L			04/05/12 21:31	1
Acrylonitrile	ND		25	1.9	ug/L			04/05/12 21:31	1
Benzene	ND		5.0	0.60	ug/L			04/05/12 21:31	1
Bromodichloromethane	ND		5.0	0.54	ug/L			04/05/12 21:31	1
Bromoform	ND		5.0	0.47	ug/L			04/05/12 21:31	1
Bromomethane	ND		5.0	1.2	ug/L			04/05/12 21:31	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/05/12 21:31	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/05/12 21:31	1
Chloroethane	ND		5.0	0.87	ug/L			04/05/12 21:31	1
Chloroform	ND		5.0	0.54	ug/L			04/05/12 21:31	1
Chloromethane	ND		5.0	0.64	ug/L			04/05/12 21:31	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/05/12 21:31	1
Dibromochloromethane	ND		5.0	0.41	ug/L			04/05/12 21:31	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			04/05/12 21:31	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/05/12 21:31	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/05/12 21:31	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/05/12 21:31	1
Toluene	ND		5.0	0.45	ug/L			04/05/12 21:31	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/05/12 21:31	1
Trichloroethene	ND		5.0	0.60	ug/L			04/05/12 21:31	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			04/05/12 21:31	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/05/12 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		72 - 130		04/05/12 21:31	1
4-Bromofluorobenzene (Surr)	98		69 - 121		04/05/12 21:31	1
Toluene-d8 (Surr)	92		70 - 123		04/05/12 21:31	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	0.46	ug/L		04/05/12 14:01	04/07/12 00:09	1
1,2-Dichlorobenzene	0.33	J	9.4	0.14	ug/L		04/05/12 14:01	04/07/12 00:09	1
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L		04/05/12 14:01	04/07/12 00:09	1
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L		04/05/12 14:01	04/07/12 00:09	1
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L		04/05/12 14:01	04/07/12 00:09	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		04/05/12 14:01	04/07/12 00:09	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		04/05/12 14:01	04/07/12 00:09	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		04/05/12 14:01	04/07/12 00:09	1
2,4-Dimethylphenol	ND		4.7	0.13	ug/L		04/05/12 14:01	04/07/12 00:09	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-18087-1

Date Collected: 04/04/12 14:00

Matrix: Water

Date Received: 04/04/12 14:35

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.4	0.79	ug/L		04/05/12 14:01	04/07/12 00:09	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		04/05/12 14:01	04/07/12 00:09	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		04/05/12 14:01	04/07/12 00:09	1
2-Chloronaphthalene	ND		4.7	0.064	ug/L		04/05/12 14:01	04/07/12 00:09	1
2-Chlorophenol	ND		4.7	0.15	ug/L		04/05/12 14:01	04/07/12 00:09	1
2-Nitrophenol	ND		4.7	0.14	ug/L		04/05/12 14:01	04/07/12 00:09	1
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L		04/05/12 14:01	04/07/12 00:09	1
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L		04/05/12 14:01	04/07/12 00:09	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		04/05/12 14:01	04/07/12 00:09	1
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L		04/05/12 14:01	04/07/12 00:09	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		04/05/12 14:01	04/07/12 00:09	1
4-Nitrophenol	ND		9.4	1.3	ug/L		04/05/12 14:01	04/07/12 00:09	1
Acenaphthene	ND		4.7	0.057	ug/L		04/05/12 14:01	04/07/12 00:09	1
Acenaphthylene	ND		4.7	0.032	ug/L		04/05/12 14:01	04/07/12 00:09	1
Anthracene	ND		4.7	0.050	ug/L		04/05/12 14:01	04/07/12 00:09	1
Benzidine	ND		75	2.4	ug/L		04/05/12 14:01	04/07/12 00:09	1
Benzo[a]anthracene	0.15	J	4.7	0.041	ug/L		04/05/12 14:01	04/07/12 00:09	1
Benzo[a]pyrene	0.057	J	4.7	0.055	ug/L		04/05/12 14:01	04/07/12 00:09	1
Benzo[b]fluoranthene	ND	*	4.7	0.058	ug/L		04/05/12 14:01	04/07/12 00:09	1
Benzo[g,h,i]perylene	ND		4.7	0.095	ug/L		04/05/12 14:01	04/07/12 00:09	1
Benzo[k]fluoranthene	0.066	J	4.7	0.039	ug/L		04/05/12 14:01	04/07/12 00:09	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		04/05/12 14:01	04/07/12 00:09	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		04/05/12 14:01	04/07/12 00:09	1
Bis(2-ethylhexyl) phthalate	ND		9.4	0.81	ug/L		04/05/12 14:01	04/07/12 00:09	1
Butyl benzyl phthalate	ND		4.7	1.2	ug/L		04/05/12 14:01	04/07/12 00:09	1
Chrysene	0.091	J	4.7	0.034	ug/L		04/05/12 14:01	04/07/12 00:09	1
Decane	ND		9.4	1.5	ug/L		04/05/12 14:01	04/07/12 00:09	1
Dibenz(a,h)anthracene	ND		4.7	0.052	ug/L		04/05/12 14:01	04/07/12 00:09	1
Diethyl phthalate	ND		4.7	0.16	ug/L		04/05/12 14:01	04/07/12 00:09	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		04/05/12 14:01	04/07/12 00:09	1
Di-n-butyl phthalate	ND	*	4.7	0.88	ug/L		04/05/12 14:01	04/07/12 00:09	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		04/05/12 14:01	04/07/12 00:09	1
Fluoranthene	ND		4.7	0.10	ug/L		04/05/12 14:01	04/07/12 00:09	1
Fluorene	ND		4.7	0.040	ug/L		04/05/12 14:01	04/07/12 00:09	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		04/05/12 14:01	04/07/12 00:09	1
Hexachlorobutadiene	ND		4.7	0.58	ug/L		04/05/12 14:01	04/07/12 00:09	1
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L		04/05/12 14:01	04/07/12 00:09	1
Hexachloroethane	ND		4.7	0.45	ug/L		04/05/12 14:01	04/07/12 00:09	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.18	ug/L		04/05/12 14:01	04/07/12 00:09	1
Isophorone	ND		4.7	0.15	ug/L		04/05/12 14:01	04/07/12 00:09	1
Naphthalene	0.95	J	4.7	0.076	ug/L		04/05/12 14:01	04/07/12 00:09	1
Nitrobenzene	ND		4.7	0.10	ug/L		04/05/12 14:01	04/07/12 00:09	1
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L		04/05/12 14:01	04/07/12 00:09	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		04/05/12 14:01	04/07/12 00:09	1
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L		04/05/12 14:01	04/07/12 00:09	1
n-Octadecane	ND		9.4	0.66	ug/L		04/05/12 14:01	04/07/12 00:09	1
Pentachlorophenol	ND		9.4	0.39	ug/L		04/05/12 14:01	04/07/12 00:09	1
Phenanthrene	ND		4.7	0.067	ug/L		04/05/12 14:01	04/07/12 00:09	1
Phenol	ND		4.7	0.11	ug/L		04/05/12 14:01	04/07/12 00:09	1
Pyrene	ND		4.7	0.039	ug/L		04/05/12 14:01	04/07/12 00:09	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-18087-1

Date Collected: 04/04/12 14:00

Matrix: Water

Date Received: 04/04/12 14:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 151	04/05/12 14:01	04/07/12 00:09	1
2-Fluorobiphenyl	78		44 - 120	04/05/12 14:01	04/07/12 00:09	1
2-Fluorophenol	39		17 - 120	04/05/12 14:01	04/07/12 00:09	1
Nitrobenzene-d5	78		42 - 120	04/05/12 14:01	04/07/12 00:09	1
Phenol-d5	27		10 - 120	04/05/12 14:01	04/07/12 00:09	1
p-Terphenyl-d14	99		22 - 125	04/05/12 14:01	04/07/12 00:09	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0023	J	0.010	0.0015	mg/L		04/05/12 08:15	04/05/12 19:24	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/05/12 08:15	04/05/12 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.31		0.010	0.0050	mg/L		04/11/12 13:27	04/12/12 14:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.33	HF	0.100	0.100	SU			04/04/12 23:49	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (72-130)	BFB (69-121)	TOL (70-123)
480-18087-1	COMPOSITE 001	99	98	92
LCS 480-58268/4	Lab Control Sample	92	100	94
MB 480-58268/5	Method Blank	95	99	95
Surrogate Legend				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-18087-1	COMPOSITE 001	92	78	39	78	27	99
LCS 480-58352/2-A	Lab Control Sample	116	103	55	106	40	119
LCSD 480-58352/3-A	Lab Control Sample Dup	101	93	51	97	37	105
MB 480-58352/1-A	Method Blank	84	79	42	80	29	99
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPH = p-Terphenyl-d14							

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-58268/5

Matrix: Water

Analysis Batch: 58268

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		5.0	0.39	ug/L			04/05/12 13:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/05/12 13:00	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/05/12 13:00	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/05/12 13:00	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/05/12 13:00	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/05/12 13:00	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/05/12 13:00	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/05/12 13:00	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/05/12 13:00	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/05/12 13:00	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/05/12 13:00	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/05/12 13:00	1
Acrolein	ND		100	17	ug/L			04/05/12 13:00	1
Acrylonitrile	ND		25	1.9	ug/L			04/05/12 13:00	1
Benzene	ND		5.0	0.60	ug/L			04/05/12 13:00	1
Bromodichloromethane	ND		5.0	0.54	ug/L			04/05/12 13:00	1
Bromoform	ND		5.0	0.47	ug/L			04/05/12 13:00	1
Bromomethane	ND		5.0	1.2	ug/L			04/05/12 13:00	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/05/12 13:00	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/05/12 13:00	1
Chloroethane	ND		5.0	0.87	ug/L			04/05/12 13:00	1
Chloroform	ND		5.0	0.54	ug/L			04/05/12 13:00	1
Chloromethane	ND		5.0	0.64	ug/L			04/05/12 13:00	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/05/12 13:00	1
Dibromochloromethane	ND		5.0	0.41	ug/L			04/05/12 13:00	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			04/05/12 13:00	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/05/12 13:00	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/05/12 13:00	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/05/12 13:00	1
Toluene	ND		5.0	0.45	ug/L			04/05/12 13:00	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/05/12 13:00	1
Trichloroethene	ND		5.0	0.60	ug/L			04/05/12 13:00	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			04/05/12 13:00	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/05/12 13:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		72 - 130		04/05/12 13:00	1
4-Bromofluorobenzene (Surr)	99		69 - 121		04/05/12 13:00	1
Toluene-d8 (Surr)	95		70 - 123		04/05/12 13:00	1

Lab Sample ID: LCS 480-58268/4

Matrix: Water

Analysis Batch: 58268

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	20.0	19.5		ug/L		98	75 - 125
1,1,2,2-Tetrachloroethane	20.0	22.2		ug/L		111	61 - 140
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	71 - 129
1,1-Dichloroethane	20.0	21.0		ug/L		105	73 - 128

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-58268/4

Matrix: Water

Analysis Batch: 58268

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	20.5		ug/L		103	51 - 150
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	63 - 137
1,2-Dichloroethane	20.0	20.0		ug/L		100	68 - 132
1,2-Dichloropropane	20.0	21.4		ug/L		107	34 - 166
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	73 - 127
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	63 - 137
2-Chloroethyl vinyl ether	100	108		ug/L		108	1 - 224
Benzene	20.0	21.8		ug/L		109	64 - 136
Bromodichloromethane	20.0	18.4		ug/L		92	66 - 135
Bromoform	20.0	15.3		ug/L		77	71 - 129
Bromomethane	20.0	25.1		ug/L		126	14 - 186
Carbon tetrachloride	20.0	18.4		ug/L		92	73 - 127
Chlorobenzene	20.0	19.8		ug/L		99	66 - 134
Chloroethane	20.0	21.2		ug/L		106	38 - 162
Chloroform	20.0	20.9		ug/L		105	68 - 133
Chloromethane	20.0	17.4		ug/L		87	1 - 204
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	24 - 176
Dibromochloromethane	20.0	17.3		ug/L		87	68 - 133
Ethylbenzene	20.0	20.0		ug/L		100	59 - 141
Methylene Chloride	20.0	20.3		ug/L		102	61 - 140
Tetrachloroethene	20.0	19.4		ug/L		97	74 - 127
Toluene	20.0	19.4		ug/L		97	75 - 126
trans-1,3-Dichloropropene	20.0	16.9		ug/L		85	50 - 150
Trichloroethene	20.0	21.0		ug/L		105	67 - 134
Trichlorofluoromethane	20.0	25.3		ug/L		127	48 - 152
Vinyl chloride	20.0	20.9		ug/L		105	4 - 196

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		72 - 130
4-Bromofluorobenzene (Surr)	100		69 - 121
Toluene-d8 (Surr)	94		70 - 123

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-58352/1-A

Matrix: Water

Analysis Batch: 58482

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		04/05/12 14:01	04/06/12 19:24	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		04/05/12 14:01	04/06/12 19:24	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		04/05/12 14:01	04/06/12 19:24	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		04/05/12 14:01	04/06/12 19:24	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		04/05/12 14:01	04/06/12 19:24	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		04/05/12 14:01	04/06/12 19:24	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		04/05/12 14:01	04/06/12 19:24	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		04/05/12 14:01	04/06/12 19:24	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		04/05/12 14:01	04/06/12 19:24	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		04/05/12 14:01	04/06/12 19:24	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-58352/1-A

Matrix: Water

Analysis Batch: 58482

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		04/05/12 14:01	04/06/12 19:24	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		04/05/12 14:01	04/06/12 19:24	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		04/05/12 14:01	04/06/12 19:24	1
2-Chlorophenol	ND		5.0	0.16	ug/L		04/05/12 14:01	04/06/12 19:24	1
2-Nitrophenol	ND		5.0	0.14	ug/L		04/05/12 14:01	04/06/12 19:24	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		04/05/12 14:01	04/06/12 19:24	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		04/05/12 14:01	04/06/12 19:24	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		04/05/12 14:01	04/06/12 19:24	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		04/05/12 14:01	04/06/12 19:24	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		04/05/12 14:01	04/06/12 19:24	1
4-Nitrophenol	ND		10	1.3	ug/L		04/05/12 14:01	04/06/12 19:24	1
Acenaphthene	ND		5.0	0.060	ug/L		04/05/12 14:01	04/06/12 19:24	1
Acenaphthylene	ND		5.0	0.034	ug/L		04/05/12 14:01	04/06/12 19:24	1
Anthracene	ND		5.0	0.052	ug/L		04/05/12 14:01	04/06/12 19:24	1
Benzydine	ND		80	2.5	ug/L		04/05/12 14:01	04/06/12 19:24	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		04/05/12 14:01	04/06/12 19:24	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		04/05/12 14:01	04/06/12 19:24	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		04/05/12 14:01	04/06/12 19:24	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		04/05/12 14:01	04/06/12 19:24	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		04/05/12 14:01	04/06/12 19:24	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		04/05/12 14:01	04/06/12 19:24	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		04/05/12 14:01	04/06/12 19:24	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		04/05/12 14:01	04/06/12 19:24	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		04/05/12 14:01	04/06/12 19:24	1
Chrysene	ND		5.0	0.036	ug/L		04/05/12 14:01	04/06/12 19:24	1
Decane	ND		10	1.6	ug/L		04/05/12 14:01	04/06/12 19:24	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		04/05/12 14:01	04/06/12 19:24	1
Diethyl phthalate	ND		5.0	0.17	ug/L		04/05/12 14:01	04/06/12 19:24	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		04/05/12 14:01	04/06/12 19:24	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		04/05/12 14:01	04/06/12 19:24	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		04/05/12 14:01	04/06/12 19:24	1
Fluoranthene	ND		5.0	0.11	ug/L		04/05/12 14:01	04/06/12 19:24	1
Fluorene	ND		5.0	0.043	ug/L		04/05/12 14:01	04/06/12 19:24	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		04/05/12 14:01	04/06/12 19:24	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		04/05/12 14:01	04/06/12 19:24	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		04/05/12 14:01	04/06/12 19:24	1
Hexachloroethane	ND		5.0	0.48	ug/L		04/05/12 14:01	04/06/12 19:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		04/05/12 14:01	04/06/12 19:24	1
Isophorone	ND		5.0	0.16	ug/L		04/05/12 14:01	04/06/12 19:24	1
Naphthalene	ND		5.0	0.080	ug/L		04/05/12 14:01	04/06/12 19:24	1
Nitrobenzene	ND		5.0	0.11	ug/L		04/05/12 14:01	04/06/12 19:24	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		04/05/12 14:01	04/06/12 19:24	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		04/05/12 14:01	04/06/12 19:24	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		04/05/12 14:01	04/06/12 19:24	1
n-Octadecane	ND		10	0.70	ug/L		04/05/12 14:01	04/06/12 19:24	1
Pentachlorophenol	ND		10	0.41	ug/L		04/05/12 14:01	04/06/12 19:24	1
Phenanthrene	ND		5.0	0.071	ug/L		04/05/12 14:01	04/06/12 19:24	1
Phenol	ND		5.0	0.12	ug/L		04/05/12 14:01	04/06/12 19:24	1
Pyrene	ND		5.0	0.041	ug/L		04/05/12 14:01	04/06/12 19:24	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-58352/1-A

Matrix: Water

Analysis Batch: 58482

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58352

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 151	04/05/12 14:01	04/06/12 19:24	1
2-Fluorobiphenyl	79		44 - 120	04/05/12 14:01	04/06/12 19:24	1
2-Fluorophenol	42		17 - 120	04/05/12 14:01	04/06/12 19:24	1
Nitrobenzene-d5	80		42 - 120	04/05/12 14:01	04/06/12 19:24	1
Phenol-d5	29		10 - 120	04/05/12 14:01	04/06/12 19:24	1
p-Terphenyl-d14	99		22 - 125	04/05/12 14:01	04/06/12 19:24	1

Lab Sample ID: LCS 480-58352/2-A

Matrix: Water

Analysis Batch: 58482

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 58352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	79.1		ug/L		79	44 - 142
1,2-Dichlorobenzene	100	70.6		ug/L		71	32 - 129
1,3-Dichlorobenzene	100	68.1		ug/L		68	1 - 172
1,4-Dichlorobenzene	100	69.9		ug/L		70	20 - 124
2,2'-Oxybis(1-chloropropane)	100	90.4		ug/L		90	36 - 166
2,4,6-Trichlorophenol	100	103		ug/L		103	37 - 144
2,4-Dichlorophenol	100	99.4		ug/L		99	39 - 135
2,4-Dimethylphenol	100	97.1		ug/L		97	32 - 119
2,4-Dinitrophenol	100	106		ug/L		106	1 - 191
2,4-Dinitrotoluene	100	112		ug/L		112	39 - 139
2,6-Dinitrotoluene	100	114		ug/L		114	50 - 158
2-Chloronaphthalene	100	94.1		ug/L		94	60 - 118
2-Chlorophenol	100	79.9		ug/L		80	23 - 134
2-Nitrophenol	100	96.3		ug/L		96	29 - 182
3,3'-Dichlorobenzidine	100	84.5		ug/L		85	1 - 262
4,6-Dinitro-2-methylphenol	100	114		ug/L		114	1 - 181
4-Bromophenyl phenyl ether	100	116		ug/L		116	53 - 127
4-Chloro-3-methylphenol	100	100		ug/L		100	22 - 147
4-Chlorophenyl phenyl ether	100	109		ug/L		109	25 - 158
4-Nitrophenol	100	38.3		ug/L		38	1 - 132
Acenaphthene	100	103		ug/L		103	47 - 145
Acenaphthylene	100	108		ug/L		108	33 - 145
Anthracene	100	113		ug/L		113	27 - 133
Benzo[a]anthracene	100	119		ug/L		119	33 - 143
Benzo[a]pyrene	100	118		ug/L		118	17 - 163
Benzo[b]fluoranthene	100	121		ug/L		121	24 - 159
Benzo[g,h,i]perylene	100	128		ug/L		128	1 - 219
Benzo[k]fluoranthene	100	106		ug/L		106	11 - 162
Bis(2-chloroethoxy)methane	100	105		ug/L		105	33 - 184
Bis(2-chloroethyl)ether	100	89.6		ug/L		90	12 - 158
Bis(2-ethylhexyl) phthalate	100	119		ug/L		119	8 - 158
Butyl benzyl phthalate	100	120		ug/L		120	1 - 152
Chrysene	100	106		ug/L		106	17 - 168
Dibenz(a,h)anthracene	100	132		ug/L		132	1 - 227
Diethyl phthalate	100	109		ug/L		109	1 - 114
Dimethyl phthalate	100	112		ug/L		112	1 - 112
Di-n-butyl phthalate	100	120	*	ug/L		120	1 - 118

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-58352/2-A

Matrix: Water

Analysis Batch: 58482

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 58352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	120		ug/L		120	4 - 146
Fluoranthene	100	117		ug/L		117	26 - 137
Fluorene	100	110		ug/L		110	59 - 121
Hexachlorobenzene	100	111		ug/L		111	1 - 152
Hexachlorocyclopentadiene	100	74.0		ug/L		74	5 - 120
Hexachloroethane	100	65.0		ug/L		65	40 - 113
Indeno[1,2,3-cd]pyrene	100	135		ug/L		135	1 - 171
Isophorone	100	109		ug/L		109	21 - 196
Naphthalene	100	86.5		ug/L		87	21 - 133
Nitrobenzene	100	99.9		ug/L		100	35 - 180
N-Nitrosodi-n-propylamine	100	105		ug/L		105	1 - 230
N-Nitrosodiphenylamine	100	114		ug/L		114	54 - 125
Pentachlorophenol	100	126		ug/L		126	14 - 176
Phenanthrene	100	112		ug/L		112	54 - 120
Phenol	100	42.6		ug/L		43	5 - 112
Pyrene	100	114		ug/L		114	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	116		52 - 151
2-Fluorobiphenyl	103		44 - 120
2-Fluorophenol	55		17 - 120
Nitrobenzene-d5	106		42 - 120
Phenol-d5	40		10 - 120
p-Terphenyl-d14	119		22 - 125

Lab Sample ID: LCSD 480-58352/3-A

Matrix: Water

Analysis Batch: 58482

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 58352

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4-Trichlorobenzene	100	71.1		ug/L		71	44 - 142	11	34
1,2-Dichlorobenzene	100	65.3		ug/L		65	32 - 129	8	38
1,3-Dichlorobenzene	100	62.5		ug/L		63	1 - 172	9	37
1,4-Dichlorobenzene	100	64.2		ug/L		64	20 - 124	9	40
2,2'-Oxybis(1-chloropropane)	100	85.0		ug/L		85	36 - 166	6	36
2,4,6-Trichlorophenol	100	91.5		ug/L		92	37 - 144	12	20
2,4-Dichlorophenol	100	87.5		ug/L		88	39 - 135	13	23
2,4-Dimethylphenol	100	86.3		ug/L		86	32 - 119	12	18
2,4-Dinitrophenol	100	95.6		ug/L		96	1 - 191	11	29
2,4-Dinitrotoluene	100	102		ug/L		102	39 - 139	9	20
2,6-Dinitrotoluene	100	104		ug/L		104	50 - 158	9	17
2-Chloronaphthalene	100	84.3		ug/L		84	60 - 118	11	30
2-Chlorophenol	100	73.5		ug/L		74	23 - 134	8	26
2-Nitrophenol	100	89.0		ug/L		89	29 - 182	8	28
3,3'-Dichlorobenzidine	100	76.4		ug/L		76	1 - 262	10	31
4,6-Dinitro-2-methylphenol	100	99.0		ug/L		99	1 - 181	14	30
4-Bromophenyl phenyl ether	100	102		ug/L		102	53 - 127	12	16
4-Chloro-3-methylphenol	100	87.6		ug/L		88	22 - 147	14	16
4-Chlorophenyl phenyl ether	100	97.4		ug/L		97	25 - 158	12	15

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-58352/3-A

Matrix: Water

Analysis Batch: 58482

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 58352

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol	100	30.6		ug/L		31	1 - 132	22	24
Acenaphthene	100	92.3		ug/L		92	47 - 145	11	25
Acenaphthylene	100	96.9		ug/L		97	33 - 145	11	22
Anthracene	100	100		ug/L		100	27 - 133	12	15
Benzo[a]anthracene	100	105		ug/L		105	33 - 143	12	15
Benzo[a]pyrene	100	104		ug/L		104	17 - 163	13	15
Benzo[b]fluoranthene	100	97.6	*	ug/L		98	24 - 159	21	17
Benzo[g,h,i]perylene	100	116		ug/L		116	1 - 219	10	19
Benzo[k]fluoranthene	100	103		ug/L		103	11 - 162	3	19
Bis(2-chloroethoxy)methane	100	95.1		ug/L		95	33 - 184	10	23
Bis(2-chloroethyl)ether	100	83.2		ug/L		83	12 - 158	7	33
Bis(2-ethylhexyl) phthalate	100	108		ug/L		108	8 - 158	10	15
Butyl benzyl phthalate	100	107		ug/L		107	1 - 152	11	15
Chrysene	100	97.3		ug/L		97	17 - 168	8	15
Dibenz(a,h)anthracene	100	119		ug/L		119	1 - 227	10	18
Diethyl phthalate	100	100		ug/L		100	1 - 114	8	15
Dimethyl phthalate	100	99.9		ug/L		100	1 - 112	11	15
Di-n-butyl phthalate	100	108		ug/L		108	1 - 118	11	15
Di-n-octyl phthalate	100	108		ug/L		108	4 - 146	10	15
Fluoranthene	100	104		ug/L		104	26 - 137	12	15
Fluorene	100	98.8		ug/L		99	59 - 121	11	18
Hexachlorobenzene	100	97.2		ug/L		97	1 - 152	13	15
Hexachlorocyclopentadiene	100	66.0		ug/L		66	5 - 120	11	50
Hexachloroethane	100	59.0		ug/L		59	40 - 113	10	43
Indeno[1,2,3-cd]pyrene	100	122		ug/L		122	1 - 171	10	17
Isophorone	100	97.4		ug/L		97	21 - 196	11	21
Naphthalene	100	77.4		ug/L		77	21 - 133	11	31
Nitrobenzene	100	91.8		ug/L		92	35 - 180	8	27
N-Nitrosodi-n-propylamine	100	94.1		ug/L		94	1 - 230	10	23
N-Nitrosodiphenylamine	100	101		ug/L		101	54 - 125	12	15
Pentachlorophenol	100	106		ug/L		106	14 - 176	17	21
Phenanthrene	100	99.9		ug/L		100	54 - 120	11	16
Phenol	100	39.4		ug/L		39	5 - 112	8	36
Pyrene	100	103		ug/L		103	52 - 115	10	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	101		52 - 151
2-Fluorobiphenyl	93		44 - 120
2-Fluorophenol	51		17 - 120
Nitrobenzene-d5	97		42 - 120
Phenol-d5	37		10 - 120
p-Terphenyl-d14	105		22 - 125

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-58191/1-A

Matrix: Water

Analysis Batch: 58424

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		04/05/12 08:15	04/05/12 18:43	1

Lab Sample ID: LCS 480-58191/2-A

Matrix: Water

Analysis Batch: 58424

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 58191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.209		mg/L		104	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-58241/1-A

Matrix: Water

Analysis Batch: 58315

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/05/12 08:15	04/05/12 10:52	1

Lab Sample ID: LCS 480-58241/2-A

Matrix: Water

Analysis Batch: 58315

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 58241

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00693		mg/L		104	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-59176/2-A

Matrix: Water

Analysis Batch: 59330

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		04/11/12 13:27	04/12/12 14:45	1

Lab Sample ID: LCS 480-59176/1-A

Matrix: Water

Analysis Batch: 59330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.391		mg/L		98	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-58574/1

Matrix: Water

Analysis Batch: 58574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.017		SU		100	99 - 101

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

GC/MS VOA

Analysis Batch: 58268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	624	
LCS 480-58268/4	Lab Control Sample	Total/NA	Water	624	
MB 480-58268/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 58352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	625	
LCS 480-58352/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-58352/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-58352/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 58482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	625	58352
LCS 480-58352/2-A	Lab Control Sample	Total/NA	Water	625	58352
LCSD 480-58352/3-A	Lab Control Sample Dup	Total/NA	Water	625	58352
MB 480-58352/1-A	Method Blank	Total/NA	Water	625	58352

Metals

Prep Batch: 58191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	200.7	
LCS 480-58191/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-58191/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 58241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	245.1	
LCS 480-58241/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-58241/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 58315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	245.1	58241
LCS 480-58241/2-A	Lab Control Sample	Total/NA	Water	245.1	58241
MB 480-58241/1-A	Method Blank	Total/NA	Water	245.1	58241

Analysis Batch: 58424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	200.7 Rev 4.4	58191
LCS 480-58191/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	58191
MB 480-58191/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	58191

General Chemistry

Analysis Batch: 58574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	SM 4500 H+ B	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

General Chemistry (Continued)

Analysis Batch: 58574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-58574/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 59176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	Distill/CN	
LCS 480-59176/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-59176/2-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 59330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18087-1	COMPOSITE 001	Total/NA	Water	335.4	59176
LCS 480-59176/1-A	Lab Control Sample	Total/NA	Water	335.4	59176
MB 480-59176/2-A	Method Blank	Total/NA	Water	335.4	59176

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Client Sample ID: COMPOSITE 001

Lab Sample ID: 480-18087-1

Date Collected: 04/04/12 14:00

Matrix: Water

Date Received: 04/04/12 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	58268	04/05/12 21:31	TRB	TAL BUF
Total/NA	Prep	625			58352	04/05/12 14:01	KB	TAL BUF
Total/NA	Analysis	625		1	58482	04/07/12 00:09	AM	TAL BUF
Total/NA	Prep	245.1			58241	04/05/12 08:15	JM	TAL BUF
Total/NA	Analysis	245.1		1	58315	04/05/12 11:21	JRK	TAL BUF
Total/NA	Prep	200.7			58191	04/05/12 08:15	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	58424	04/05/12 19:24	AH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	58574	04/04/12 23:49	KS	TAL BUF
Total/NA	Prep	Distill/CN			59176	04/11/12 13:27	JR	TAL BUF
Total/NA	Analysis	335.4		1	59330	04/12/12 14:45	JR	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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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: Iroquois Gas / Westwood Pharm Monthly

TestAmerica Job ID: 480-18087-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-18087-1	COMPOSITE 001	Water	04/04/12 14:00	04/04/12 14:35

1

2

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4

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Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-18087-1

Login Number: 18087

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

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

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: 480-19640-1

Client Project/Site: Iroquois Gas/Westwood Pharm. Monthly

For:

Groundwater & Environmental Services Inc

158 Sonwil Drive

Cheektowaga, New York 14225

Attn: Jennifer Siniscalchi



Authorized for release by:

5/17/2012 9:43:37 AM

Sally Hoffman

Project Manager II

sally.hoffman@testamericainc.com

LINKS

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results through

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www.testamericainc.com

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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Qualifiers

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Job ID: 480-19640-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-19640-1

Receipt

The samples were received on 5/4/2012 11:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

Except:

The following samples were received unpreserved and were preserved in a prepreserved bottle (Lot# ESS 030212) upon receipt to the laboratory at 1830 on 05/04/12: 001 (480-19640-1). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

GC/MS VOA

Method(s) 624: The following sample was composited by the laboratory on 5/7/12 as requested on the chain-of-custody: COMPOSITE 0800-1400 (480-19640-7).

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 001 (480-19640-1)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Client Sample ID: 001

Lab Sample ID: 480-19640-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0018	J *	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.28		0.010	0.0050	mg/L	1		335.4	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.39	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-19640-6

No Detections

Client Sample ID: COMPOSITE 0800-1400

Lab Sample ID: 480-19640-7

No Detections

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Client Sample ID: 001

Date Collected: 05/03/12 14:00

Date Received: 05/04/12 11:05

Lab Sample ID: 480-19640-1

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	0.46	ug/L		05/05/12 07:26	05/08/12 22:57	1
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L		05/05/12 07:26	05/08/12 22:57	1
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L		05/05/12 07:26	05/08/12 22:57	1
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L		05/05/12 07:26	05/08/12 22:57	1
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L		05/05/12 07:26	05/08/12 22:57	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		05/05/12 07:26	05/08/12 22:57	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		05/05/12 07:26	05/08/12 22:57	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		05/05/12 07:26	05/08/12 22:57	1
2,4-Dimethylphenol	ND		4.7	0.13	ug/L		05/05/12 07:26	05/08/12 22:57	1
2,4-Dinitrophenol	ND		9.4	0.79	ug/L		05/05/12 07:26	05/08/12 22:57	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		05/05/12 07:26	05/08/12 22:57	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		05/05/12 07:26	05/08/12 22:57	1
2-Chloronaphthalene	ND		4.7	0.064	ug/L		05/05/12 07:26	05/08/12 22:57	1
2-Chlorophenol	ND		4.7	0.15	ug/L		05/05/12 07:26	05/08/12 22:57	1
2-Nitrophenol	ND		4.7	0.14	ug/L		05/05/12 07:26	05/08/12 22:57	1
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L		05/05/12 07:26	05/08/12 22:57	1
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L		05/05/12 07:26	05/08/12 22:57	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		05/05/12 07:26	05/08/12 22:57	1
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L		05/05/12 07:26	05/08/12 22:57	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		05/05/12 07:26	05/08/12 22:57	1
4-Nitrophenol	ND		9.4	1.3	ug/L		05/05/12 07:26	05/08/12 22:57	1
Acenaphthene	ND		4.7	0.057	ug/L		05/05/12 07:26	05/08/12 22:57	1
Acenaphthylene	ND		4.7	0.032	ug/L		05/05/12 07:26	05/08/12 22:57	1
Anthracene	ND		4.7	0.050	ug/L		05/05/12 07:26	05/08/12 22:57	1
Benzidine	ND		75	2.4	ug/L		05/05/12 07:26	05/08/12 22:57	1
Benzo[a]anthracene	ND		4.7	0.041	ug/L		05/05/12 07:26	05/08/12 22:57	1
Benzo[a]pyrene	ND		4.7	0.055	ug/L		05/05/12 07:26	05/08/12 22:57	1
Benzo[b]fluoranthene	ND		4.7	0.058	ug/L		05/05/12 07:26	05/08/12 22:57	1
Benzo[g,h,i]perylene	ND		4.7	0.095	ug/L		05/05/12 07:26	05/08/12 22:57	1
Benzo[k]fluoranthene	ND		4.7	0.039	ug/L		05/05/12 07:26	05/08/12 22:57	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		05/05/12 07:26	05/08/12 22:57	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		05/05/12 07:26	05/08/12 22:57	1
Bis(2-ethylhexyl) phthalate	ND		9.4	0.81	ug/L		05/05/12 07:26	05/08/12 22:57	1
Butyl benzyl phthalate	ND		4.7	1.2	ug/L		05/05/12 07:26	05/08/12 22:57	1
Chrysene	ND		4.7	0.034	ug/L		05/05/12 07:26	05/08/12 22:57	1
Decane	ND		9.4	1.5	ug/L		05/05/12 07:26	05/08/12 22:57	1
Dibenz(a,h)anthracene	ND		4.7	0.052	ug/L		05/05/12 07:26	05/08/12 22:57	1
Diethyl phthalate	ND		4.7	0.16	ug/L		05/05/12 07:26	05/08/12 22:57	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		05/05/12 07:26	05/08/12 22:57	1
Di-n-butyl phthalate	ND		4.7	0.88	ug/L		05/05/12 07:26	05/08/12 22:57	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		05/05/12 07:26	05/08/12 22:57	1
Fluoranthene	ND		4.7	0.10	ug/L		05/05/12 07:26	05/08/12 22:57	1
Fluorene	ND		4.7	0.040	ug/L		05/05/12 07:26	05/08/12 22:57	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		05/05/12 07:26	05/08/12 22:57	1
Hexachlorobutadiene	ND		4.7	0.58	ug/L		05/05/12 07:26	05/08/12 22:57	1
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L		05/05/12 07:26	05/08/12 22:57	1
Hexachloroethane	ND		4.7	0.45	ug/L		05/05/12 07:26	05/08/12 22:57	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.18	ug/L		05/05/12 07:26	05/08/12 22:57	1
Isophorone	ND		4.7	0.15	ug/L		05/05/12 07:26	05/08/12 22:57	1
Naphthalene	ND		4.7	0.076	ug/L		05/05/12 07:26	05/08/12 22:57	1
Nitrobenzene	ND		4.7	0.10	ug/L		05/05/12 07:26	05/08/12 22:57	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Client Sample ID: 001

Lab Sample ID: 480-19640-1

Date Collected: 05/03/12 14:00

Matrix: Water

Date Received: 05/04/12 11:05

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L		05/05/12 07:26	05/08/12 22:57	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		05/05/12 07:26	05/08/12 22:57	1
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L		05/05/12 07:26	05/08/12 22:57	1
n-Octadecane	ND		9.4	0.66	ug/L		05/05/12 07:26	05/08/12 22:57	1
Pentachlorophenol	ND		9.4	0.39	ug/L		05/05/12 07:26	05/08/12 22:57	1
Phenanthrene	ND		4.7	0.067	ug/L		05/05/12 07:26	05/08/12 22:57	1
Phenol	ND		4.7	0.11	ug/L		05/05/12 07:26	05/08/12 22:57	1
Pyrene	ND		4.7	0.039	ug/L		05/05/12 07:26	05/08/12 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 151	05/05/12 07:26	05/08/12 22:57	1
2-Fluorobiphenyl	80		44 - 120	05/05/12 07:26	05/08/12 22:57	1
2-Fluorophenol	40		17 - 120	05/05/12 07:26	05/08/12 22:57	1
Nitrobenzene-d5	74		42 - 120	05/05/12 07:26	05/08/12 22:57	1
Phenol-d5	29		10 - 120	05/05/12 07:26	05/08/12 22:57	1
p-Terphenyl-d14	90		22 - 125	05/05/12 07:26	05/08/12 22:57	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0018	J *	0.010	0.0015	mg/L		05/08/12 07:40	05/08/12 15:46	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/08/12 09:00	05/08/12 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.28		0.010	0.0050	mg/L		05/14/12 12:00	05/14/12 19:03	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.39	HF	0.100	0.100	SU			05/04/12 20:06	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-19640-6

Date Collected: 05/03/12 00:00

Matrix: Water

Date Received: 05/04/12 11:05

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/07/12 19:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/07/12 19:27	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/07/12 19:27	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/07/12 19:27	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/07/12 19:27	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/07/12 19:27	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/07/12 19:27	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/07/12 19:27	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/07/12 19:27	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/07/12 19:27	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/07/12 19:27	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/07/12 19:27	1
Acrolein	ND		100	17	ug/L			05/07/12 19:27	1
Acrylonitrile	ND		25	1.9	ug/L			05/07/12 19:27	1
Benzene	ND		5.0	0.60	ug/L			05/07/12 19:27	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-19640-6

Date Collected: 05/03/12 00:00

Matrix: Water

Date Received: 05/04/12 11:05

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		5.0	0.54	ug/L			05/07/12 19:27	1
Bromoform	ND		5.0	0.47	ug/L			05/07/12 19:27	1
Bromomethane	ND		5.0	1.2	ug/L			05/07/12 19:27	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/07/12 19:27	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/07/12 19:27	1
Chloroethane	ND		5.0	0.87	ug/L			05/07/12 19:27	1
Chloroform	ND		5.0	0.54	ug/L			05/07/12 19:27	1
Chloromethane	ND		5.0	0.64	ug/L			05/07/12 19:27	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/07/12 19:27	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/07/12 19:27	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			05/07/12 19:27	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/07/12 19:27	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/07/12 19:27	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/07/12 19:27	1
Toluene	ND		5.0	0.45	ug/L			05/07/12 19:27	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/07/12 19:27	1
Trichloroethene	ND		5.0	0.60	ug/L			05/07/12 19:27	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/07/12 19:27	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/07/12 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		05/07/12 19:27	1
4-Bromofluorobenzene (Surr)	97		69 - 121		05/07/12 19:27	1
Toluene-d8 (Surr)	94		70 - 123		05/07/12 19:27	1

Client Sample ID: COMPOSITE 0800-1400

Lab Sample ID: 480-19640-7

Date Collected: 05/03/12 14:00

Matrix: Water

Date Received: 05/04/12 11:05

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/07/12 19:50	1
1,1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/07/12 19:50	1
1,1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/07/12 19:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/07/12 19:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/07/12 19:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/07/12 19:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/07/12 19:50	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/07/12 19:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/07/12 19:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/07/12 19:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/07/12 19:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/07/12 19:50	1
Acrolein	ND		100	17	ug/L			05/07/12 19:50	1
Acrylonitrile	ND		25	1.9	ug/L			05/07/12 19:50	1
Benzene	ND		5.0	0.60	ug/L			05/07/12 19:50	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/07/12 19:50	1
Bromoform	ND		5.0	0.47	ug/L			05/07/12 19:50	1
Bromomethane	ND		5.0	1.2	ug/L			05/07/12 19:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/07/12 19:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/07/12 19:50	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Client Sample ID: COMPOSITE 0800-1400

Lab Sample ID: 480-19640-7

Date Collected: 05/03/12 14:00

Matrix: Water

Date Received: 05/04/12 11:05

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		5.0	0.87	ug/L			05/07/12 19:50	1
Chloroform	ND		5.0	0.54	ug/L			05/07/12 19:50	1
Chloromethane	ND		5.0	0.64	ug/L			05/07/12 19:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/07/12 19:50	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/07/12 19:50	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			05/07/12 19:50	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/07/12 19:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/07/12 19:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/07/12 19:50	1
Toluene	ND		5.0	0.45	ug/L			05/07/12 19:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/07/12 19:50	1
Trichloroethene	ND		5.0	0.60	ug/L			05/07/12 19:50	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/07/12 19:50	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/07/12 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		72 - 130					05/07/12 19:50	1
4-Bromofluorobenzene (Surr)	99		69 - 121					05/07/12 19:50	1
Toluene-d8 (Surr)	95		70 - 123					05/07/12 19:50	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (72-130)	BFB (69-121)	TOL (70-123)
480-19640-6	TRIP BLANK	103	97	94
480-19640-7	COMPOSITE 0800-1400	102	99	95
LCS 480-63337/5	Lab Control Sample	97	100	94
MB 480-63337/6	Method Blank	100	99	95

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-19640-1	001	109	80	40	74	29	90
LCS 480-63189/2-A	Lab Control Sample	111	90	51	87	40	109
LCSD 480-63189/3-A	Lab Control Sample Dup	115	89	48	85	38	111
MB 480-63189/1-A	Method Blank	103	83	44	78	32	105

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-63337/6

Matrix: Water

Analysis Batch: 63337

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		5.0	0.39	ug/L			05/07/12 13:48	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/07/12 13:48	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/07/12 13:48	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/07/12 13:48	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/07/12 13:48	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/07/12 13:48	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/07/12 13:48	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/07/12 13:48	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/07/12 13:48	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/07/12 13:48	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/07/12 13:48	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/07/12 13:48	1
Acrolein	ND		100	17	ug/L			05/07/12 13:48	1
Acrylonitrile	ND		25	1.9	ug/L			05/07/12 13:48	1
Benzene	ND		5.0	0.60	ug/L			05/07/12 13:48	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/07/12 13:48	1
Bromoform	ND		5.0	0.47	ug/L			05/07/12 13:48	1
Bromomethane	ND		5.0	1.2	ug/L			05/07/12 13:48	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/07/12 13:48	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/07/12 13:48	1
Chloroethane	ND		5.0	0.87	ug/L			05/07/12 13:48	1
Chloroform	ND		5.0	0.54	ug/L			05/07/12 13:48	1
Chloromethane	ND		5.0	0.64	ug/L			05/07/12 13:48	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/07/12 13:48	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/07/12 13:48	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			05/07/12 13:48	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/07/12 13:48	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/07/12 13:48	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/07/12 13:48	1
Toluene	ND		5.0	0.45	ug/L			05/07/12 13:48	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/07/12 13:48	1
Trichloroethene	ND		5.0	0.60	ug/L			05/07/12 13:48	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/07/12 13:48	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/07/12 13:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		72 - 130		05/07/12 13:48	1
4-Bromofluorobenzene (Surr)	99		69 - 121		05/07/12 13:48	1
Toluene-d8 (Surr)	95		70 - 123		05/07/12 13:48	1

Lab Sample ID: LCS 480-63337/5

Matrix: Water

Analysis Batch: 63337

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	20.0	19.9		ug/L		100	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		99	61 - 140
1,1,2-Trichloroethane	20.0	18.8		ug/L		94	71 - 129
1,1-Dichloroethane	20.0	17.8		ug/L		89	73 - 128

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-63337/5

Matrix: Water

Analysis Batch: 63337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	14.4		ug/L		72	51 - 150
1,2-Dichlorobenzene	20.0	18.1		ug/L		91	63 - 137
1,2-Dichloroethane	20.0	19.5		ug/L		98	68 - 132
1,2-Dichloropropane	20.0	17.6		ug/L		88	34 - 166
1,3-Dichlorobenzene	20.0	18.0		ug/L		90	73 - 127
1,4-Dichlorobenzene	20.0	18.0		ug/L		90	63 - 137
2-Chloroethyl vinyl ether	100	83.3		ug/L		83	1 - 224
Benzene	20.0	17.6		ug/L		88	64 - 136
Bromodichloromethane	20.0	19.6		ug/L		98	66 - 135
Bromoform	20.0	20.2		ug/L		101	71 - 129
Bromomethane	20.0	16.8		ug/L		84	14 - 186
Carbon tetrachloride	20.0	19.4		ug/L		97	73 - 127
Chlorobenzene	20.0	18.3		ug/L		92	66 - 134
Chloroethane	20.0	15.5		ug/L		78	38 - 162
Chloroform	20.0	19.3		ug/L		97	68 - 133
Chloromethane	20.0	13.4		ug/L		67	1 - 204
cis-1,3-Dichloropropene	20.0	19.1		ug/L		96	24 - 176
Dibromochloromethane	20.0	21.0		ug/L		105	68 - 133
Ethylbenzene	20.0	18.2		ug/L		91	59 - 141
Methylene Chloride	20.0	17.9		ug/L		90	61 - 140
Tetrachloroethene	20.0	17.1		ug/L		86	74 - 127
Toluene	20.0	18.1		ug/L		91	75 - 126
trans-1,3-Dichloropropene	20.0	19.7		ug/L		99	50 - 150
Trichloroethene	20.0	18.4		ug/L		92	67 - 134
Trichlorofluoromethane	20.0	19.1		ug/L		96	48 - 152
Vinyl chloride	20.0	12.5		ug/L		63	4 - 196

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		72 - 130
4-Bromofluorobenzene (Surr)	100		69 - 121
Toluene-d8 (Surr)	94		70 - 123

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-63189/1-A

Matrix: Water

Analysis Batch: 63514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		05/05/12 07:26	05/08/12 20:56	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		05/05/12 07:26	05/08/12 20:56	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		05/05/12 07:26	05/08/12 20:56	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		05/05/12 07:26	05/08/12 20:56	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		05/05/12 07:26	05/08/12 20:56	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		05/05/12 07:26	05/08/12 20:56	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		05/05/12 07:26	05/08/12 20:56	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		05/05/12 07:26	05/08/12 20:56	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		05/05/12 07:26	05/08/12 20:56	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		05/05/12 07:26	05/08/12 20:56	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-63189/1-A

Matrix: Water

Analysis Batch: 63514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		05/05/12 07:26	05/08/12 20:56	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		05/05/12 07:26	05/08/12 20:56	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		05/05/12 07:26	05/08/12 20:56	1
2-Chlorophenol	ND		5.0	0.16	ug/L		05/05/12 07:26	05/08/12 20:56	1
2-Nitrophenol	ND		5.0	0.14	ug/L		05/05/12 07:26	05/08/12 20:56	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		05/05/12 07:26	05/08/12 20:56	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		05/05/12 07:26	05/08/12 20:56	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		05/05/12 07:26	05/08/12 20:56	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		05/05/12 07:26	05/08/12 20:56	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		05/05/12 07:26	05/08/12 20:56	1
4-Nitrophenol	ND		10	1.3	ug/L		05/05/12 07:26	05/08/12 20:56	1
Acenaphthene	ND		5.0	0.060	ug/L		05/05/12 07:26	05/08/12 20:56	1
Acenaphthylene	ND		5.0	0.034	ug/L		05/05/12 07:26	05/08/12 20:56	1
Anthracene	ND		5.0	0.052	ug/L		05/05/12 07:26	05/08/12 20:56	1
Benzidine	ND		80	2.5	ug/L		05/05/12 07:26	05/08/12 20:56	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		05/05/12 07:26	05/08/12 20:56	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		05/05/12 07:26	05/08/12 20:56	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		05/05/12 07:26	05/08/12 20:56	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		05/05/12 07:26	05/08/12 20:56	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		05/05/12 07:26	05/08/12 20:56	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		05/05/12 07:26	05/08/12 20:56	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		05/05/12 07:26	05/08/12 20:56	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		05/05/12 07:26	05/08/12 20:56	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		05/05/12 07:26	05/08/12 20:56	1
Chrysene	ND		5.0	0.036	ug/L		05/05/12 07:26	05/08/12 20:56	1
Decane	ND		10	1.6	ug/L		05/05/12 07:26	05/08/12 20:56	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		05/05/12 07:26	05/08/12 20:56	1
Diethyl phthalate	ND		5.0	0.17	ug/L		05/05/12 07:26	05/08/12 20:56	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		05/05/12 07:26	05/08/12 20:56	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		05/05/12 07:26	05/08/12 20:56	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		05/05/12 07:26	05/08/12 20:56	1
Fluoranthene	ND		5.0	0.11	ug/L		05/05/12 07:26	05/08/12 20:56	1
Fluorene	ND		5.0	0.043	ug/L		05/05/12 07:26	05/08/12 20:56	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		05/05/12 07:26	05/08/12 20:56	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		05/05/12 07:26	05/08/12 20:56	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		05/05/12 07:26	05/08/12 20:56	1
Hexachloroethane	ND		5.0	0.48	ug/L		05/05/12 07:26	05/08/12 20:56	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		05/05/12 07:26	05/08/12 20:56	1
Isophorone	ND		5.0	0.16	ug/L		05/05/12 07:26	05/08/12 20:56	1
Naphthalene	ND		5.0	0.080	ug/L		05/05/12 07:26	05/08/12 20:56	1
Nitrobenzene	ND		5.0	0.11	ug/L		05/05/12 07:26	05/08/12 20:56	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		05/05/12 07:26	05/08/12 20:56	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		05/05/12 07:26	05/08/12 20:56	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		05/05/12 07:26	05/08/12 20:56	1
n-Octadecane	ND		10	0.70	ug/L		05/05/12 07:26	05/08/12 20:56	1
Pentachlorophenol	ND		10	0.41	ug/L		05/05/12 07:26	05/08/12 20:56	1
Phenanthrene	ND		5.0	0.071	ug/L		05/05/12 07:26	05/08/12 20:56	1
Phenol	ND		5.0	0.12	ug/L		05/05/12 07:26	05/08/12 20:56	1
Pyrene	ND		5.0	0.041	ug/L		05/05/12 07:26	05/08/12 20:56	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-63189/1-A

Matrix: Water

Analysis Batch: 63514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63189

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 151	05/05/12 07:26	05/08/12 20:56	1
2-Fluorobiphenyl	83		44 - 120	05/05/12 07:26	05/08/12 20:56	1
2-Fluorophenol	44		17 - 120	05/05/12 07:26	05/08/12 20:56	1
Nitrobenzene-d5	78		42 - 120	05/05/12 07:26	05/08/12 20:56	1
Phenol-d5	32		10 - 120	05/05/12 07:26	05/08/12 20:56	1
p-Terphenyl-d14	105		22 - 125	05/05/12 07:26	05/08/12 20:56	1

Lab Sample ID: LCS 480-63189/2-A

Matrix: Water

Analysis Batch: 63514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	77.5		ug/L		78	44 - 142
1,2-Dichlorobenzene	100	68.9		ug/L		69	32 - 129
1,3-Dichlorobenzene	100	65.3		ug/L		65	1 - 172
1,4-Dichlorobenzene	100	66.0		ug/L		66	20 - 124
2,2'-Oxybis(1-chloropropane)	100	86.2		ug/L		86	36 - 166
2,4,6-Trichlorophenol	100	105		ug/L		105	37 - 144
2,4-Dichlorophenol	100	98.6		ug/L		99	39 - 135
2,4-Dimethylphenol	100	94.4		ug/L		94	32 - 119
2,4-Dinitrophenol	100	109		ug/L		109	1 - 191
2,4-Dinitrotoluene	100	112		ug/L		112	39 - 139
2,6-Dinitrotoluene	100	112		ug/L		112	50 - 158
2-Chloronaphthalene	100	92.8		ug/L		93	60 - 118
2-Chlorophenol	100	82.1		ug/L		82	23 - 134
2-Nitrophenol	100	93.4		ug/L		93	29 - 182
3,3'-Dichlorobenzidine	100	98.1		ug/L		98	1 - 262
4,6-Dinitro-2-methylphenol	100	115		ug/L		115	1 - 181
4-Bromophenyl phenyl ether	100	108		ug/L		108	53 - 127
4-Chloro-3-methylphenol	100	110		ug/L		110	22 - 147
4-Chlorophenyl phenyl ether	100	110		ug/L		110	25 - 158
4-Nitrophenol	100	65.7		ug/L		66	1 - 132
Acenaphthene	100	99.8		ug/L		100	47 - 145
Acenaphthylene	100	102		ug/L		102	33 - 145
Anthracene	100	107		ug/L		107	27 - 133
Benzo[a]anthracene	100	108		ug/L		108	33 - 143
Benzo[a]pyrene	100	112		ug/L		112	17 - 163
Benzo[b]fluoranthene	100	113		ug/L		113	24 - 159
Benzo[g,h,i]perylene	100	111		ug/L		111	1 - 219
Benzo[k]fluoranthene	100	107		ug/L		107	11 - 162
Bis(2-chloroethoxy)methane	100	93.4		ug/L		93	33 - 184
Bis(2-chloroethyl)ether	100	84.8		ug/L		85	12 - 158
Bis(2-ethylhexyl) phthalate	100	115		ug/L		115	8 - 158
Butyl benzyl phthalate	100	110		ug/L		110	1 - 152
Chrysene	100	108		ug/L		108	17 - 168
Dibenz(a,h)anthracene	100	121		ug/L		121	1 - 227
Diethyl phthalate	100	112		ug/L		112	1 - 114
Dimethyl phthalate	100	109		ug/L		109	1 - 112
Di-n-butyl phthalate	100	110		ug/L		110	1 - 118

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-63189/2-A

Matrix: Water

Analysis Batch: 63514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	110		ug/L		110	4 - 146
Fluoranthene	100	108		ug/L		108	26 - 137
Fluorene	100	109		ug/L		109	59 - 121
Hexachlorobenzene	100	108		ug/L		108	1 - 152
Hexachlorocyclopentadiene	100	79.6		ug/L		80	5 - 120
Hexachloroethane	100	61.1		ug/L		61	40 - 113
Indeno[1,2,3-cd]pyrene	100	121		ug/L		121	1 - 171
Isophorone	100	95.8		ug/L		96	21 - 196
Naphthalene	100	82.4		ug/L		82	21 - 133
Nitrobenzene	100	88.2		ug/L		88	35 - 180
N-Nitrosodi-n-propylamine	100	95.5		ug/L		96	1 - 230
N-Nitrosodiphenylamine	100	112		ug/L		112	54 - 125
Pentachlorophenol	100	121		ug/L		121	14 - 176
Phenanthrene	100	107		ug/L		107	54 - 120
Phenol	100	44.9		ug/L		45	5 - 112
Pyrene	100	111		ug/L		111	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	111		52 - 151
2-Fluorobiphenyl	90		44 - 120
2-Fluorophenol	51		17 - 120
Nitrobenzene-d5	87		42 - 120
Phenol-d5	40		10 - 120
p-Terphenyl-d14	109		22 - 125

Lab Sample ID: LCSD 480-63189/3-A

Matrix: Water

Analysis Batch: 63514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63189

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4-Trichlorobenzene	100	74.9		ug/L		75	44 - 142	3	34
1,2-Dichlorobenzene	100	65.4		ug/L		65	32 - 129	5	38
1,3-Dichlorobenzene	100	61.6		ug/L		62	1 - 172	6	37
1,4-Dichlorobenzene	100	63.1		ug/L		63	20 - 124	4	40
2,2'-Oxybis(1-chloropropane)	100	81.6		ug/L		82	36 - 166	5	36
2,4,6-Trichlorophenol	100	105		ug/L		105	37 - 144	0	20
2,4-Dichlorophenol	100	98.5		ug/L		99	39 - 135	0	23
2,4-Dimethylphenol	100	94.4		ug/L		94	32 - 119	0	18
2,4-Dinitrophenol	100	112		ug/L		112	1 - 191	3	29
2,4-Dinitrotoluene	100	110		ug/L		110	39 - 139	2	20
2,6-Dinitrotoluene	100	112		ug/L		112	50 - 158	0	17
2-Chloronaphthalene	100	91.7		ug/L		92	60 - 118	1	30
2-Chlorophenol	100	78.7		ug/L		79	23 - 134	4	26
2-Nitrophenol	100	91.9		ug/L		92	29 - 182	2	28
3,3'-Dichlorobenzidine	100	98.1		ug/L		98	1 - 262	0	31
4,6-Dinitro-2-methylphenol	100	117		ug/L		117	1 - 181	1	30
4-Bromophenyl phenyl ether	100	108		ug/L		108	53 - 127	0	16
4-Chloro-3-methylphenol	100	111		ug/L		111	22 - 147	1	16
4-Chlorophenyl phenyl ether	100	109		ug/L		109	25 - 158	1	15

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-63189/3-A

Matrix: Water

Analysis Batch: 63514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63189

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol	100	65.7		ug/L		66	1 - 132	0	24
Acenaphthene	100	99.9		ug/L		100	47 - 145	0	25
Acenaphthylene	100	100		ug/L		100	33 - 145	1	22
Anthracene	100	106		ug/L		106	27 - 133	1	15
Benzo[a]anthracene	100	109		ug/L		109	33 - 143	1	15
Benzo[a]pyrene	100	113		ug/L		113	17 - 163	0	15
Benzo[b]fluoranthene	100	116		ug/L		116	24 - 159	3	17
Benzo[g,h,i]perylene	100	111		ug/L		111	1 - 219	0	19
Benzo[k]fluoranthene	100	105		ug/L		105	11 - 162	2	19
Bis(2-chloroethoxy)methane	100	90.9		ug/L		91	33 - 184	3	23
Bis(2-chloroethyl)ether	100	79.9		ug/L		80	12 - 158	6	33
Bis(2-ethylhexyl) phthalate	100	114		ug/L		114	8 - 158	1	15
Butyl benzyl phthalate	100	110		ug/L		110	1 - 152	0	15
Chrysene	100	107		ug/L		107	17 - 168	1	15
Dibenz(a,h)anthracene	100	120		ug/L		120	1 - 227	0	18
Diethyl phthalate	100	110		ug/L		110	1 - 114	2	15
Dimethyl phthalate	100	107		ug/L		107	1 - 112	2	15
Di-n-butyl phthalate	100	109		ug/L		109	1 - 118	1	15
Di-n-octyl phthalate	100	110		ug/L		110	4 - 146	0	15
Fluoranthene	100	106		ug/L		106	26 - 137	2	15
Fluorene	100	108		ug/L		108	59 - 121	1	18
Hexachlorobenzene	100	108		ug/L		108	1 - 152	1	15
Hexachlorocyclopentadiene	100	79.8		ug/L		80	5 - 120	0	50
Hexachloroethane	100	57.1		ug/L		57	40 - 113	7	43
Indeno[1,2,3-cd]pyrene	100	122		ug/L		122	1 - 171	0	17
Isophorone	100	93.2		ug/L		93	21 - 196	3	21
Naphthalene	100	80.0		ug/L		80	21 - 133	3	31
Nitrobenzene	100	84.3		ug/L		84	35 - 180	5	27
N-Nitrosodi-n-propylamine	100	92.2		ug/L		92	1 - 230	4	23
N-Nitrosodiphenylamine	100	111		ug/L		111	54 - 125	1	15
Pentachlorophenol	100	120		ug/L		120	14 - 176	1	21
Phenanthrene	100	106		ug/L		106	54 - 120	1	16
Phenol	100	43.0		ug/L		43	5 - 112	4	36
Pyrene	100	112		ug/L		112	52 - 115	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	115		52 - 151
2-Fluorobiphenyl	89		44 - 120
2-Fluorophenol	48		17 - 120
Nitrobenzene-d5	85		42 - 120
Phenol-d5	38		10 - 120
p-Terphenyl-d14	111		22 - 125

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-63430/1-A

Matrix: Water

Analysis Batch: 63612

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		05/08/12 07:40	05/08/12 18:10	1

Lab Sample ID: LCS 480-63430/2-A

Matrix: Water

Analysis Batch: 63781

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.208		mg/L		104	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-63451/1-A

Matrix: Water

Analysis Batch: 63538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63451

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/08/12 09:00	05/08/12 13:37	1

Lab Sample ID: LCS 480-63451/2-A

Matrix: Water

Analysis Batch: 63538

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00640		mg/L		96	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-64391/2-A

Matrix: Water

Analysis Batch: 64419

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		05/14/12 12:00	05/14/12 18:46	1

Lab Sample ID: LCS 480-64391/1-A

Matrix: Water

Analysis Batch: 64419

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.419		mg/L		105	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-63171/1

Matrix: Water

Analysis Batch: 63171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.990		SU		100	99 - 101

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

GC/MS VOA

Analysis Batch: 63337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-6	TRIP BLANK	Total/NA	Water	624	
480-19640-7	COMPOSITE 0800-1400	Total/NA	Water	624	
LCS 480-63337/5	Lab Control Sample	Total/NA	Water	624	
MB 480-63337/6	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 63189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	625	
LCS 480-63189/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-63189/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-63189/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 63514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	625	63189
LCS 480-63189/2-A	Lab Control Sample	Total/NA	Water	625	63189
LCSD 480-63189/3-A	Lab Control Sample Dup	Total/NA	Water	625	63189
MB 480-63189/1-A	Method Blank	Total/NA	Water	625	63189

Metals

Prep Batch: 63430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	200.7	
LCS 480-63430/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-63430/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 63451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	245.1	
LCS 480-63451/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-63451/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 63538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	245.1	63451
LCS 480-63451/2-A	Lab Control Sample	Total/NA	Water	245.1	63451
MB 480-63451/1-A	Method Blank	Total/NA	Water	245.1	63451

Analysis Batch: 63612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	200.7 Rev 4.4	63430
MB 480-63430/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	63430

Analysis Batch: 63781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-63430/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	63430

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

General Chemistry

Analysis Batch: 63171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	SM 4500 H+ B	
LCS 480-63171/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 64391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	Distill/CN	
LCS 480-64391/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-64391/2-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 64419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-19640-1	001	Total/NA	Water	335.4	64391
LCS 480-64391/1-A	Lab Control Sample	Total/NA	Water	335.4	64391
MB 480-64391/2-A	Method Blank	Total/NA	Water	335.4	64391

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Client Sample ID: 001

Date Collected: 05/03/12 14:00

Date Received: 05/04/12 11:05

Lab Sample ID: 480-19640-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			63189	05/05/12 07:26	MZ	TAL BUF
Total/NA	Analysis	625		1	63514	05/08/12 22:57	AM	TAL BUF
Total/NA	Prep	245.1			63451	05/08/12 09:00	JRK	TAL BUF
Total/NA	Analysis	245.1		1	63538	05/08/12 13:47	JRK	TAL BUF
Total/NA	Prep	200.7			63430	05/08/12 07:40	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	63612	05/08/12 15:46	LH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	63171	05/04/12 20:06	KS	TAL BUF
Total/NA	Prep	Distill/CN			64391	05/14/12 12:00	NH	TAL BUF
Total/NA	Analysis	335.4		1	64419	05/14/12 19:03	NH	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 05/03/12 00:00

Date Received: 05/04/12 11:05

Lab Sample ID: 480-19640-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	63337	05/07/12 19:27	TRB	TAL BUF

Client Sample ID: COMPOSITE 0800-1400

Date Collected: 05/03/12 14:00

Date Received: 05/04/12 11:05

Lab Sample ID: 480-19640-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	63337	05/07/12 19:50	TRB	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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-19640-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-19640-1	001	Water	05/03/12 14:00	05/04/12 11:05
480-19640-6	TRIP BLANK	Water	05/03/12 00:00	05/04/12 11:05
480-19640-7	COMPOSITE 0800-1400	Water	05/03/12 14:00	05/04/12 11:05

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Mr. Brent Miller Phone: 484-645-2301 E-Mail: denise.giglia@testamericainc.com		Lab PM: Giglia, Denise E-Mail: denise.giglia@testamericainc.com		Carrier Tracking No(s): 480-15250-1280.1 Page: Page 1 of 1 Job #:	
Analysis Requested					
Due Date Requested: TAT Requested (days): 10 DAY PO #: 0901204-15-220 W/O #: 484-325-0280(Tel) Email: bmiller@gesonline.com Project Name: Bristol Myers Squibb Monthly Site:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anethol H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)			
Sample Identification Sample ID: 001 Sample ID: 001 Sample ID: 001 Sample ID: 001 Trip Blank		Total Number of Containers:			
Sample Date: 5-3-12 Sample Date: 5-3-12 Sample Date: 5-3-12 Sample Date: 5-3-12		Special Instructions/Note: Comp. Samples at Lab before running			
Sample Type (C=Comp, G=Grab): G Sample Type (C=Comp, G=Grab): G Sample Type (C=Comp, G=Grab): G Sample Type (C=Comp, G=Grab): G		Matrix (W=water, B=solid, O=waterfall, B1=issue, A=Air): Water Matrix (W=water, B=solid, O=waterfall, B1=issue, A=Air): Water Matrix (W=water, B=solid, O=waterfall, B1=issue, A=Air): Water Matrix (W=water, B=solid, O=waterfall, B1=issue, A=Air): water			
Sample Time: 0800 Sample Time: 1000 Sample Time: 1200 Sample Time: 1400		Field Filtered Sample (Yes or No):			
Sample Date: 5-3-12 Sample Date: 5-3-12 Sample Date: 5-3-12 Sample Date: 5-3-12		Special Instructions/Note: Comp. Samples at Lab before running			
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Sample Date: 5-3-12 <					

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-19640-1

Login Number: 19640

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

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

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: 480-21663-1

Client Project/Site: Iroquois Gas/Westwood Pharm. Monthly

For:

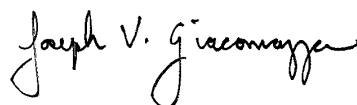
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Jennifer Siniscalchi



Authorized for release by:

7/6/2012 3:20:06 PM

Joe Giacomazza

Project Administrator

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Designee for

Sally Hoffman

Project Manager II

sally.hoffman@testamericainc.com

LINKS

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results through

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www.testamericainc.com

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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Job ID: 480-21663-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-21663-1

Receipt

The samples were received on 6/22/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° C.

Except:

The following sample was composited by the laboratory (sample Control) on 06/22/12 as requested on the chain-of-custody: . The samples for Volatile analysis will be composited by the lab.

The composited volume was poured off into ESS bottles/lot numbers - Metals - 031112, Cyanide - 050312, pH - 022812.

GC/MS VOA

Method 624: The following sample was composited by the laboratory on 6/25/12 as requested on the chain-of-custody: 001 (480-21663-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 001 (480-21663-1)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Client Sample ID: 001

Lab Sample ID: 480-21663-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.28		0.010	0.0050	mg/L	1		335.4	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.83	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-21663-6

No Detections

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Client Sample ID: 001

Date Collected: 06/21/12 14:40

Date Received: 06/22/12 08:45

Lab Sample ID: 480-21663-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/25/12 21:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/25/12 21:28	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/25/12 21:28	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/25/12 21:28	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/25/12 21:28	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/25/12 21:28	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/25/12 21:28	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/25/12 21:28	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/25/12 21:28	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/25/12 21:28	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/25/12 21:28	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/25/12 21:28	1
Acrolein	ND		100	17	ug/L			06/25/12 21:28	1
Acrylonitrile	ND		25	1.9	ug/L			06/25/12 21:28	1
Benzene	ND		5.0	0.60	ug/L			06/25/12 21:28	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/25/12 21:28	1
Bromoform	ND		5.0	0.47	ug/L			06/25/12 21:28	1
Bromomethane	ND		5.0	1.2	ug/L			06/25/12 21:28	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/25/12 21:28	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/25/12 21:28	1
Chloroethane	ND		5.0	0.87	ug/L			06/25/12 21:28	1
Chloroform	ND		5.0	0.54	ug/L			06/25/12 21:28	1
Chloromethane	ND		5.0	0.64	ug/L			06/25/12 21:28	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/25/12 21:28	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/25/12 21:28	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			06/25/12 21:28	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/25/12 21:28	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/25/12 21:28	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/25/12 21:28	1
Toluene	ND		5.0	0.45	ug/L			06/25/12 21:28	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/25/12 21:28	1
Trichloroethene	ND		5.0	0.60	ug/L			06/25/12 21:28	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/25/12 21:28	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/25/12 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		06/25/12 21:28	1
4-Bromofluorobenzene (Surr)	98		69 - 121		06/25/12 21:28	1
Toluene-d8 (Surr)	100		70 - 123		06/25/12 21:28	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.9	0.49	ug/L		06/22/12 13:59	06/27/12 23:19	1
1,2-Dichlorobenzene	ND		9.9	0.14	ug/L		06/22/12 13:59	06/27/12 23:19	1
1,2-Diphenylhydrazine	ND		9.9	0.062	ug/L		06/22/12 13:59	06/27/12 23:19	1
1,3-Dichlorobenzene	ND		9.9	0.068	ug/L		06/22/12 13:59	06/27/12 23:19	1
1,4-Dichlorobenzene	ND		9.9	0.089	ug/L		06/22/12 13:59	06/27/12 23:19	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.085	ug/L		06/22/12 13:59	06/27/12 23:19	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		06/22/12 13:59	06/27/12 23:19	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		06/22/12 13:59	06/27/12 23:19	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		06/22/12 13:59	06/27/12 23:19	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Client Sample ID: 001

Lab Sample ID: 480-21663-1

Date Collected: 06/21/12 14:40

Matrix: Water

Date Received: 06/22/12 08:45

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.9	0.83	ug/L		06/22/12 13:59	06/27/12 23:19	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		06/22/12 13:59	06/27/12 23:19	1
2,6-Dinitrotoluene	ND		5.0	0.71	ug/L		06/22/12 13:59	06/27/12 23:19	1
2-Chloronaphthalene	ND		5.0	0.067	ug/L		06/22/12 13:59	06/27/12 23:19	1
2-Chlorophenol	ND		5.0	0.15	ug/L		06/22/12 13:59	06/27/12 23:19	1
2-Nitrophenol	ND		5.0	0.14	ug/L		06/22/12 13:59	06/27/12 23:19	1
3,3'-Dichlorobenzidine	ND		5.0	0.81	ug/L		06/22/12 13:59	06/27/12 23:19	1
4,6-Dinitro-2-methylphenol	ND		9.9	0.75	ug/L		06/22/12 13:59	06/27/12 23:19	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		06/22/12 13:59	06/27/12 23:19	1
4-Chloro-3-methylphenol	ND		5.0	0.55	ug/L		06/22/12 13:59	06/27/12 23:19	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		06/22/12 13:59	06/27/12 23:19	1
4-Nitrophenol	ND		9.9	1.3	ug/L		06/22/12 13:59	06/27/12 23:19	1
Acenaphthene	ND		5.0	0.059	ug/L		06/22/12 13:59	06/27/12 23:19	1
Acenaphthylene	ND		5.0	0.034	ug/L		06/22/12 13:59	06/27/12 23:19	1
Anthracene	ND		5.0	0.052	ug/L		06/22/12 13:59	06/27/12 23:19	1
Benzidine	ND		79	2.5	ug/L		06/22/12 13:59	06/27/12 23:19	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		06/22/12 13:59	06/27/12 23:19	1
Benzo[a]pyrene	ND		5.0	0.057	ug/L		06/22/12 13:59	06/27/12 23:19	1
Benzo[b]fluoranthene	ND		5.0	0.061	ug/L		06/22/12 13:59	06/27/12 23:19	1
Benzo[g,h,i]perylene	ND		5.0	0.099	ug/L		06/22/12 13:59	06/27/12 23:19	1
Benzo[k]fluoranthene	ND		5.0	0.041	ug/L		06/22/12 13:59	06/27/12 23:19	1
Bis(2-chloroethoxy)methane	ND		5.0	0.084	ug/L		06/22/12 13:59	06/27/12 23:19	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		06/22/12 13:59	06/27/12 23:19	1
Bis(2-ethylhexyl) phthalate	ND		9.9	0.85	ug/L		06/22/12 13:59	06/27/12 23:19	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		06/22/12 13:59	06/27/12 23:19	1
Chrysene	ND		5.0	0.035	ug/L		06/22/12 13:59	06/27/12 23:19	1
Decane	ND		9.9	1.6	ug/L		06/22/12 13:59	06/27/12 23:19	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		06/22/12 13:59	06/27/12 23:19	1
Diethyl phthalate	ND		5.0	0.17	ug/L		06/22/12 13:59	06/27/12 23:19	1
Dimethyl phthalate	ND		5.0	0.16	ug/L		06/22/12 13:59	06/27/12 23:19	1
Di-n-butyl phthalate	ND		5.0	0.93	ug/L		06/22/12 13:59	06/27/12 23:19	1
Di-n-octyl phthalate	ND		5.0	4.4	ug/L		06/22/12 13:59	06/27/12 23:19	1
Fluoranthene	ND		5.0	0.11	ug/L		06/22/12 13:59	06/27/12 23:19	1
Fluorene	ND		5.0	0.042	ug/L		06/22/12 13:59	06/27/12 23:19	1
Hexachlorobenzene	ND		5.0	0.27	ug/L		06/22/12 13:59	06/27/12 23:19	1
Hexachlorobutadiene	ND		5.0	0.61	ug/L		06/22/12 13:59	06/27/12 23:19	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		06/22/12 13:59	06/27/12 23:19	1
Hexachloroethane	ND		5.0	0.48	ug/L		06/22/12 13:59	06/27/12 23:19	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.18	ug/L		06/22/12 13:59	06/27/12 23:19	1
Isophorone	ND		5.0	0.16	ug/L		06/22/12 13:59	06/27/12 23:19	1
Naphthalene	ND		5.0	0.079	ug/L		06/22/12 13:59	06/27/12 23:19	1
Nitrobenzene	ND		5.0	0.11	ug/L		06/22/12 13:59	06/27/12 23:19	1
N-Nitrosodimethylamine	ND		9.9	0.95	ug/L		06/22/12 13:59	06/27/12 23:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		06/22/12 13:59	06/27/12 23:19	1
N-Nitrosodiphenylamine	ND		5.0	0.39	ug/L		06/22/12 13:59	06/27/12 23:19	1
n-Octadecane	ND		9.9	0.69	ug/L		06/22/12 13:59	06/27/12 23:19	1
Pentachlorophenol	ND		9.9	0.41	ug/L		06/22/12 13:59	06/27/12 23:19	1
Phenanthrene	ND		5.0	0.070	ug/L		06/22/12 13:59	06/27/12 23:19	1
Phenol	ND		5.0	0.12	ug/L		06/22/12 13:59	06/27/12 23:19	1
Pyrene	ND		5.0	0.040	ug/L		06/22/12 13:59	06/27/12 23:19	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Client Sample ID: 001

Lab Sample ID: 480-21663-1

Date Collected: 06/21/12 14:40

Matrix: Water

Date Received: 06/22/12 08:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		52 - 151	06/22/12 13:59	06/27/12 23:19	1
2-Fluorobiphenyl	72		44 - 120	06/22/12 13:59	06/27/12 23:19	1
2-Fluorophenol	36		17 - 120	06/22/12 13:59	06/27/12 23:19	1
Nitrobenzene-d5	66		42 - 120	06/22/12 13:59	06/27/12 23:19	1
Phenol-d5	27		10 - 120	06/22/12 13:59	06/27/12 23:19	1
p-Terphenyl-d14	75		22 - 125	06/22/12 13:59	06/27/12 23:19	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/25/12 09:30	06/26/12 14:58	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/12 09:10	06/26/12 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.28		0.010	0.0050	mg/L		07/02/12 12:44	07/03/12 14:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.83	HF	0.100	0.100	SU			06/22/12 20:55	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-21663-6

Date Collected: 06/21/12 00:00

Matrix: Water

Date Received: 06/22/12 08:45

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/25/12 21:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/25/12 21:50	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/25/12 21:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/25/12 21:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/25/12 21:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/25/12 21:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/25/12 21:50	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/25/12 21:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/25/12 21:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/25/12 21:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/25/12 21:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/25/12 21:50	1
Acrolein	ND		100	17	ug/L			06/25/12 21:50	1
Acrylonitrile	ND		25	1.9	ug/L			06/25/12 21:50	1
Benzene	ND		5.0	0.60	ug/L			06/25/12 21:50	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/25/12 21:50	1
Bromoform	ND		5.0	0.47	ug/L			06/25/12 21:50	1
Bromomethane	ND		5.0	1.2	ug/L			06/25/12 21:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/25/12 21:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/25/12 21:50	1
Chloroethane	ND		5.0	0.87	ug/L			06/25/12 21:50	1
Chloroform	ND		5.0	0.54	ug/L			06/25/12 21:50	1
Chloromethane	ND		5.0	0.64	ug/L			06/25/12 21:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/25/12 21:50	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/25/12 21:50	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-21663-6

Date Collected: 06/21/12 00:00

Matrix: Water

Date Received: 06/22/12 08:45

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	ND		5.0	0.61	ug/L			06/25/12 21:50	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/25/12 21:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/25/12 21:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/25/12 21:50	1
Toluene	ND		5.0	0.45	ug/L			06/25/12 21:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/25/12 21:50	1
Trichloroethene	ND		5.0	0.60	ug/L			06/25/12 21:50	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/25/12 21:50	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/25/12 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		72 - 130					06/25/12 21:50	1
4-Bromofluorobenzene (Surr)	98		69 - 121					06/25/12 21:50	1
Toluene-d8 (Surr)	99		70 - 123					06/25/12 21:50	1

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (72-130)	BFB (69-121)	TOL (70-123)
480-21663-1	001	98	98	100
480-21663-6	Trip Blank	99	98	99
LCS 480-69808/4	Lab Control Sample	97	100	100
MB 480-69808/5	Method Blank	97	99	101

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-21663-1	001	96	72	36	66	27	75
LCS 480-69683/2-A	Lab Control Sample	94	82	46	80	34	95
MB 480-69683/1-A	Method Blank	92	74	41	74	30	89

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = p-Terphenyl-d14

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-69808/5

Matrix: Water

Analysis Batch: 69808

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		5.0	0.39	ug/L			06/25/12 11:30	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/25/12 11:30	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/25/12 11:30	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/25/12 11:30	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/25/12 11:30	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/25/12 11:30	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/25/12 11:30	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/25/12 11:30	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/25/12 11:30	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/25/12 11:30	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/25/12 11:30	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			06/25/12 11:30	1
Acrolein	ND		100	17	ug/L			06/25/12 11:30	1
Acrylonitrile	ND		25	1.9	ug/L			06/25/12 11:30	1
Benzene	ND		5.0	0.60	ug/L			06/25/12 11:30	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/25/12 11:30	1
Bromoform	ND		5.0	0.47	ug/L			06/25/12 11:30	1
Bromomethane	ND		5.0	1.2	ug/L			06/25/12 11:30	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/25/12 11:30	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/25/12 11:30	1
Chloroethane	ND		5.0	0.87	ug/L			06/25/12 11:30	1
Chloroform	ND		5.0	0.54	ug/L			06/25/12 11:30	1
Chloromethane	ND		5.0	0.64	ug/L			06/25/12 11:30	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/25/12 11:30	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/25/12 11:30	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			06/25/12 11:30	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/25/12 11:30	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/25/12 11:30	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/25/12 11:30	1
Toluene	ND		5.0	0.45	ug/L			06/25/12 11:30	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/25/12 11:30	1
Trichloroethene	ND		5.0	0.60	ug/L			06/25/12 11:30	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/25/12 11:30	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/25/12 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		72 - 130		06/25/12 11:30	1
4-Bromofluorobenzene (Surr)	99		69 - 121		06/25/12 11:30	1
Toluene-d8 (Surr)	101		70 - 123		06/25/12 11:30	1

Lab Sample ID: LCS 480-69808/4

Matrix: Water

Analysis Batch: 69808

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	20.0	17.7		ug/L		89	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.5		ug/L		98	61 - 140
1,1,2-Trichloroethane	20.0	18.3		ug/L		92	71 - 129
1,1-Dichloroethane	20.0	18.6		ug/L		93	73 - 128

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-69808/4

Matrix: Water

Analysis Batch: 69808

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	15.5		ug/L		78	51 - 150
1,2-Dichlorobenzene	20.0	19.1		ug/L		96	63 - 137
1,2-Dichloroethane	20.0	18.4		ug/L		92	68 - 132
1,2-Dichloropropane	20.0	19.2		ug/L		96	34 - 166
1,3-Dichlorobenzene	20.0	18.9		ug/L		95	73 - 127
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	63 - 137
2-Chloroethyl vinyl ether	100	101		ug/L		101	1 - 224
Benzene	20.0	18.8		ug/L		94	64 - 136
Bromodichloromethane	20.0	18.1		ug/L		91	66 - 135
Bromoform	20.0	17.8		ug/L		89	71 - 129
Bromomethane	20.0	19.9		ug/L		100	14 - 186
Carbon tetrachloride	20.0	16.0		ug/L		80	73 - 127
Chlorobenzene	20.0	18.9		ug/L		95	66 - 134
Chloroethane	20.0	20.3		ug/L		102	38 - 162
Chloroform	20.0	18.2		ug/L		91	68 - 133
Chloromethane	20.0	22.1		ug/L		111	1 - 204
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	24 - 176
Dibromochloromethane	20.0	18.4		ug/L		92	68 - 133
Ethylbenzene	20.0	18.8		ug/L		94	59 - 141
Methylene Chloride	20.0	18.1		ug/L		91	61 - 140
Tetrachloroethene	20.0	17.7		ug/L		89	74 - 127
Toluene	20.0	19.0		ug/L		95	75 - 126
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	50 - 150
Trichloroethene	20.0	17.3		ug/L		87	67 - 134
Trichlorofluoromethane	20.0	19.2		ug/L		96	48 - 152
Vinyl chloride	20.0	20.4		ug/L		102	4 - 196

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		72 - 130
4-Bromofluorobenzene (Surr)	100		69 - 121
Toluene-d8 (Surr)	100		70 - 123

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-69683/1-A

Matrix: Water

Analysis Batch: 70166

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		06/22/12 13:59	06/27/12 19:41	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		06/22/12 13:59	06/27/12 19:41	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		06/22/12 13:59	06/27/12 19:41	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		06/22/12 13:59	06/27/12 19:41	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		06/22/12 13:59	06/27/12 19:41	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		06/22/12 13:59	06/27/12 19:41	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		06/22/12 13:59	06/27/12 19:41	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		06/22/12 13:59	06/27/12 19:41	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		06/22/12 13:59	06/27/12 19:41	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		06/22/12 13:59	06/27/12 19:41	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-69683/1-A

Matrix: Water

Analysis Batch: 70166

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		06/22/12 13:59	06/27/12 19:41	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		06/22/12 13:59	06/27/12 19:41	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		06/22/12 13:59	06/27/12 19:41	1
2-Chlorophenol	ND		5.0	0.16	ug/L		06/22/12 13:59	06/27/12 19:41	1
2-Nitrophenol	ND		5.0	0.14	ug/L		06/22/12 13:59	06/27/12 19:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/22/12 13:59	06/27/12 19:41	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		06/22/12 13:59	06/27/12 19:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		06/22/12 13:59	06/27/12 19:41	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		06/22/12 13:59	06/27/12 19:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		06/22/12 13:59	06/27/12 19:41	1
4-Nitrophenol	ND		10	1.3	ug/L		06/22/12 13:59	06/27/12 19:41	1
Acenaphthene	ND		5.0	0.060	ug/L		06/22/12 13:59	06/27/12 19:41	1
Acenaphthylene	ND		5.0	0.034	ug/L		06/22/12 13:59	06/27/12 19:41	1
Anthracene	ND		5.0	0.052	ug/L		06/22/12 13:59	06/27/12 19:41	1
Benzidine	ND		80	2.5	ug/L		06/22/12 13:59	06/27/12 19:41	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		06/22/12 13:59	06/27/12 19:41	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		06/22/12 13:59	06/27/12 19:41	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		06/22/12 13:59	06/27/12 19:41	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		06/22/12 13:59	06/27/12 19:41	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		06/22/12 13:59	06/27/12 19:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		06/22/12 13:59	06/27/12 19:41	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		06/22/12 13:59	06/27/12 19:41	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		06/22/12 13:59	06/27/12 19:41	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		06/22/12 13:59	06/27/12 19:41	1
Chrysene	ND		5.0	0.036	ug/L		06/22/12 13:59	06/27/12 19:41	1
Decane	ND		10	1.6	ug/L		06/22/12 13:59	06/27/12 19:41	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		06/22/12 13:59	06/27/12 19:41	1
Diethyl phthalate	ND		5.0	0.17	ug/L		06/22/12 13:59	06/27/12 19:41	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		06/22/12 13:59	06/27/12 19:41	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		06/22/12 13:59	06/27/12 19:41	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		06/22/12 13:59	06/27/12 19:41	1
Fluoranthene	ND		5.0	0.11	ug/L		06/22/12 13:59	06/27/12 19:41	1
Fluorene	ND		5.0	0.043	ug/L		06/22/12 13:59	06/27/12 19:41	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		06/22/12 13:59	06/27/12 19:41	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		06/22/12 13:59	06/27/12 19:41	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		06/22/12 13:59	06/27/12 19:41	1
Hexachloroethane	ND		5.0	0.48	ug/L		06/22/12 13:59	06/27/12 19:41	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		06/22/12 13:59	06/27/12 19:41	1
Isophorone	ND		5.0	0.16	ug/L		06/22/12 13:59	06/27/12 19:41	1
Naphthalene	ND		5.0	0.080	ug/L		06/22/12 13:59	06/27/12 19:41	1
Nitrobenzene	ND		5.0	0.11	ug/L		06/22/12 13:59	06/27/12 19:41	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		06/22/12 13:59	06/27/12 19:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		06/22/12 13:59	06/27/12 19:41	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		06/22/12 13:59	06/27/12 19:41	1
n-Octadecane	ND		10	0.70	ug/L		06/22/12 13:59	06/27/12 19:41	1
Pentachlorophenol	ND		10	0.41	ug/L		06/22/12 13:59	06/27/12 19:41	1
Phenanthrene	ND		5.0	0.071	ug/L		06/22/12 13:59	06/27/12 19:41	1
Phenol	ND		5.0	0.12	ug/L		06/22/12 13:59	06/27/12 19:41	1
Pyrene	ND		5.0	0.041	ug/L		06/22/12 13:59	06/27/12 19:41	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-69683/1-A

Matrix: Water

Analysis Batch: 70166

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69683

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 151	06/22/12 13:59	06/27/12 19:41	1
2-Fluorobiphenyl	74		44 - 120	06/22/12 13:59	06/27/12 19:41	1
2-Fluorophenol	41		17 - 120	06/22/12 13:59	06/27/12 19:41	1
Nitrobenzene-d5	74		42 - 120	06/22/12 13:59	06/27/12 19:41	1
Phenol-d5	30		10 - 120	06/22/12 13:59	06/27/12 19:41	1
p-Terphenyl-d14	89		22 - 125	06/22/12 13:59	06/27/12 19:41	1

Lab Sample ID: LCS 480-69683/2-A

Matrix: Water

Analysis Batch: 70166

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 69683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	64.3		ug/L		64	44 - 142
1,2-Dichlorobenzene	100	63.4		ug/L		63	32 - 129
1,3-Dichlorobenzene	100	59.5		ug/L		60	1 - 172
1,4-Dichlorobenzene	100	61.0		ug/L		61	20 - 124
2,2'-Oxybis(1-chloropropane)	100	80.4		ug/L		80	36 - 166
2,4,6-Trichlorophenol	100	103		ug/L		103	37 - 144
2,4-Dichlorophenol	100	91.1		ug/L		91	39 - 135
2,4-Dimethylphenol	100	88.3		ug/L		88	32 - 119
2,4-Dinitrophenol	100	90.0		ug/L		90	1 - 191
2,4-Dinitrotoluene	100	107		ug/L		107	39 - 139
2,6-Dinitrotoluene	100	109		ug/L		109	50 - 158
2-Chloronaphthalene	100	79.0		ug/L		79	60 - 118
2-Chlorophenol	100	76.6		ug/L		77	23 - 134
2-Nitrophenol	100	88.0		ug/L		88	29 - 182
3,3'-Dichlorobenzidine	100	71.9		ug/L		72	1 - 262
4,6-Dinitro-2-methylphenol	100	105		ug/L		105	1 - 181
4-Bromophenyl phenyl ether	100	99.9		ug/L		100	53 - 127
4-Chloro-3-methylphenol	100	95.0		ug/L		95	22 - 147
4-Chlorophenyl phenyl ether	100	91.0		ug/L		91	25 - 158
4-Nitrophenol	100	50.8		ug/L		51	1 - 132
Acenaphthene	100	85.3		ug/L		85	47 - 145
Acenaphthylene	100	87.8		ug/L		88	33 - 145
Anthracene	100	96.4		ug/L		96	27 - 133
Benzo[a]anthracene	100	97.3		ug/L		97	33 - 143
Benzo[a]pyrene	100	99.8		ug/L		100	17 - 163
Benzo[b]fluoranthene	100	100		ug/L		100	24 - 159
Benzo[g,h,i]perylene	100	99.8		ug/L		100	1 - 219
Benzo[k]fluoranthene	100	92.6		ug/L		93	11 - 162
Bis(2-chloroethoxy)methane	100	85.2		ug/L		85	33 - 184
Bis(2-chloroethyl)ether	100	83.4		ug/L		83	12 - 158
Bis(2-ethylhexyl) phthalate	100	108		ug/L		108	8 - 158
Butyl benzyl phthalate	100	111		ug/L		111	1 - 152
Chrysene	100	95.6		ug/L		96	17 - 168
Dibenz(a,h)anthracene	100	102		ug/L		102	1 - 227
Diethyl phthalate	100	103		ug/L		103	1 - 114
Dimethyl phthalate	100	101		ug/L		101	1 - 112
Di-n-butyl phthalate	100	104		ug/L		104	1 - 118

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-69683/2-A

Matrix: Water

Analysis Batch: 70166

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 69683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	109		ug/L		109	4 - 146
Fluoranthene	100	99.4		ug/L		99	26 - 137
Fluorene	100	93.8		ug/L		94	59 - 121
Hexachlorobenzene	100	95.8		ug/L		96	1 - 152
Hexachlorocyclopentadiene	100	65.2		ug/L		65	5 - 120
Hexachloroethane	100	57.4		ug/L		57	40 - 113
Indeno[1,2,3-cd]pyrene	100	107		ug/L		107	1 - 171
Isophorone	100	95.5		ug/L		96	21 - 196
Naphthalene	100	72.6		ug/L		73	21 - 133
Nitrobenzene	100	88.6		ug/L		89	35 - 180
N-Nitrosodi-n-propylamine	100	93.3		ug/L		93	1 - 230
N-Nitrosodiphenylamine	100	101		ug/L		101	54 - 125
Pentachlorophenol	100	110		ug/L		110	14 - 176
Phenanthrene	100	94.3		ug/L		94	54 - 120
Phenol	100	38.9		ug/L		39	5 - 112
Pyrene	100	101		ug/L		101	52 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	94		52 - 151
2-Fluorobiphenyl	82		44 - 120
2-Fluorophenol	46		17 - 120
Nitrobenzene-d5	80		42 - 120
Phenol-d5	34		10 - 120
p-Terphenyl-d14	95		22 - 125

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-69716/1-A

Matrix: Water

Analysis Batch: 70171

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/25/12 09:30	06/26/12 13:53	1

Lab Sample ID: LCS 480-69716/2-A

Matrix: Water

Analysis Batch: 70171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 69716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.201		mg/L		100	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-69994/1-A

Matrix: Water

Analysis Batch: 70082

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/26/12 09:10	06/26/12 13:35	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-69994/2-A

Matrix: Water

Analysis Batch: 70082

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 69994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00678		mg/L		102	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-70844/2-A

Matrix: Water

Analysis Batch: 71088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 70844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		07/02/12 12:44	07/03/12 14:34	1

Lab Sample ID: LCS 480-70844/1-A

Matrix: Water

Analysis Batch: 71088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 70844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.429		mg/L		107	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-69737/1

Matrix: Water

Analysis Batch: 69737

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.990		SU		100	99 - 101

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

GC/MS VOA

Analysis Batch: 69808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	624	
480-21663-6	Trip Blank	Total/NA	Water	624	
LCS 480-69808/4	Lab Control Sample	Total/NA	Water	624	
MB 480-69808/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 69683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	625	
LCS 480-69683/2-A	Lab Control Sample	Total/NA	Water	625	
MB 480-69683/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 70166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	625	69683
LCS 480-69683/2-A	Lab Control Sample	Total/NA	Water	625	69683
MB 480-69683/1-A	Method Blank	Total/NA	Water	625	69683

Metals

Prep Batch: 69716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	200.7	
LCS 480-69716/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-69716/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 69994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	245.1	
LCS 480-69994/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-69994/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 70082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	245.1	69994
LCS 480-69994/2-A	Lab Control Sample	Total/NA	Water	245.1	69994
MB 480-69994/1-A	Method Blank	Total/NA	Water	245.1	69994

Analysis Batch: 70171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	200.7 Rev 4.4	69716
LCS 480-69716/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	69716
MB 480-69716/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	69716

General Chemistry

Analysis Batch: 69737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	SM 4500 H+ B	
LCS 480-69737/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

General Chemistry (Continued)

Prep Batch: 70844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	Distill/CN	
LCS 480-70844/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-70844/2-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 71088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-21663-1	001	Total/NA	Water	335.4	70844
LCS 480-70844/1-A	Lab Control Sample	Total/NA	Water	335.4	70844
MB 480-70844/2-A	Method Blank	Total/NA	Water	335.4	70844

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Client Sample ID: 001

Date Collected: 06/21/12 14:40

Date Received: 06/22/12 08:45

Lab Sample ID: 480-21663-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	69808	06/25/12 21:28	TRB	TAL BUF
Total/NA	Prep	625			69683	06/22/12 13:59	DE	TAL BUF
Total/NA	Analysis	625		1	70166	06/27/12 23:19	AM	TAL BUF
Total/NA	Prep	245.1			69994	06/26/12 09:10	JRK	TAL BUF
Total/NA	Analysis	245.1		1	70082	06/26/12 13:51	JRK	TAL BUF
Total/NA	Prep	200.7			69716	06/25/12 09:30	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	70171	06/26/12 14:58	AH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	69737	06/22/12 20:55	ML	TAL BUF
Total/NA	Prep	Distill/CN			70844	07/02/12 12:44	BM	TAL BUF
Total/NA	Analysis	335.4		1	71088	07/03/12 14:36	EGN	TAL BUF

Client Sample ID: Trip Blank

Date Collected: 06/21/12 00:00

Date Received: 06/22/12 08:45

Lab Sample ID: 480-21663-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	69808	06/25/12 21:50	TRB	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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY00044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	2973
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-11-2
TestAmerica Buffalo	USDA	Federal		P330-11-00386
TestAmerica Buffalo	Virginia	NELAC	3	460185
TestAmerica Buffalo	Washington	State Program	10	C784
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-21663-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-21663-1	001	Water	06/21/12 14:40	06/22/12 08:45
480-21663-6	Trip Blank	Water	06/21/12 00:00	06/22/12 08:45

Chain of Custody Record

Client Information Client Contact: Jennifer Siniscalchi Company: Groundwater & Environmental Services Inc. Address: 495 Aero Dr, Suite 3 City: Cheektowaga State, Zip: NY, 14225 Phone: 800-287-7857 (Tel) Email: jsiniscalchi@gesonline.com Project Name: Iroquois GasWestcoast Pharm. Monthly Site:		Due Date Requested: TAT Requested (days): STD PO #: 901470 WO #: 48002463 Project #: 48002463 SSOW#:		Lab PM: Hoffman, Sally E-Mail: sally.hoffman@testamericainc.com Phone: 484-645-1358		Carrier Tracking No(s): COC No: 480-21564-5464.1 Page: Page 1 of 1 Job #:					
Sample Identification Sample ID: 001 Sample Type: G (Grab) Sample Date: 6/21/12 0840 Sample Time: 1040 Sample Time: 1240 Sample Time: 1440 Matrix: Water Preservation Code: W				Perform MS/MSD (Yes or No): Field Filtered Sample (Yes or No): 624 5ml - (MOD) Priority Pollutant List - VOA - 62 625 - (MOD) Priority Pollutant List - SVOA - 6				Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Other:			
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/Note: * samples to be compressed @ lab				Total Number of Containers:			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)				Empty Kit Relinquished by:				Date:			
Relinquished by: Jennifer Siniscalchi Date/Time: 6/21/12 8:15am Company: TA				Received by: Tony Boyle Date/Time: 6/21/12 8:30am Company: TA				Date/Time: 6/21/12 8:30am Company: TA			
Relinquished by: Tony Boyle Date/Time: 6/21/12 8:15am Company: TA				Received by: Jennifer Siniscalchi Date/Time: 6/21/12 8:30am Company: TA				Date/Time: 6/21/12 8:30am Company: TA			
Relinquished by:				Received by:				Date/Time:			
Custody Seals Intact: ☐ Yes ☐ No Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 4.7°C				Date: 6/21/12			

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-21663-1

Login Number: 21663

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kinecki, Kenneth

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

APPENDIX F-1
Historical Treatment System Analytical Data

Appendix E-1
Historical Treatment System Analytical Data

Sampling Parameter	pH	Total Mercury	Total Zinc	Total Cyanide	Total VOCs	Total SVOCs	Total Daily Flow
Daily Maximum Limit	5.0-12.0	3.E-05 lbs	0.75 lbs	0.2 lbs	0.01 mg/L	0.01 mg/L	3,600 gallons
6/15/2005	6.6	ND	ND	1.6E-03			927
7/13/2005	6.9	ND	ND	5.0E-04	ND	ND	216
8/11/2005	7.1	ND	ND	6.0E-04	ND	0.007	234
9/12/2005	7.6	ND	ND	7.0E-04	ND	ND	344
10/12/2005	7.5	ND	ND	9.0E-04	ND	0.002	449
11/2/2005	7.2	ND	ND	6.0E-04	ND	ND	462
12/13/2005	7.4	ND	ND	1.0E-03	ND	0.003	705
1/10/2006	7.6	1.4E-06	1.4E-04	1.2E-03	ND	ND	869
2/2/2006	7.8	1.8E-06	1.8E-04	1.1E-03	ND	ND	1,065
3/2/2006	7.6	7.7E-07	3.9E-05	8.9E-04	ND	0.002	463
4/6/2006	7.4	7.4E-07	3.7E-05	1.0E-03	ND	ND	446
5/9/2006	7.4	4.5E-07	2.5E-05	8.1E-04	ND	ND	269
6/14/2006	7.0	4.7E-07	2.3E-05	7.2E-04	ND	0.001	280
7/19/2006	7.2	6.4E-07	3.2E-05	7.4E-04	0.210	0.105	386
8/11/2006	7.4	5.1E-07	2.6E-05	6.4E-04	ND	0.0006	309
9/13/2006	7.4	5.1E-07	2.6E-05	2.6E-05	ND	ND	309
10/6/2006	7.5	1.5E-06	7.4E-05	1.5E-03	ND	0.017	883
11/14/2006	7.5	5.8E-07	2.9E-05	8.9E-04	ND	0.0004	346
12/1/2006	7.5	6.5E-07	3.2E-05	3.6E-04	ND	0.0008	388
1/22/2007	7.4	1.1E-06	5.3E-05	6.9E-04	ND	ND	636
2/5/2007	7.7	9.2E-07	4.6E-05	1.6E-03	ND	0.0004	551
3/8/2007	7.7	7.6E-07	3.8E-05	9.4E-04	ND	0.0008	454
4/12/2007	7.5	7.9E-07	4.0E-05	1.0E-03	ND	0.001	476
5/31/2007	7.5	4.2E-07	2.1E-05	6.8E-04	ND	0.0001	254
6/12/2007	7.2	5.2E-07	2.6E-05	8.3E-04	ND	0.0005	313
7/3/2007	7.5	3.1E-07	1.5E-05	5.2E-04	ND	0.0021	185
8/1/2007	7.7	5.4E-07	2.7E-05	9.5E-04	ND	ND	326
9/12/2007	7.6	2.8E-07	1.4E-05	1.4E-05	ND	0.0001	167
10/17/2007	7.6	5.0E-07	2.5E-05	5.0E-04	ND	0.0016	302
11/19/2007	7.6	4.8E-07	2.4E-05	5.9E-04	ND	ND	285
12/7/2007	7.4	1.5E-06	7.4E-05	1.8E-03	ND	0.0004	893
1/3/2008	7.1	1.2E-06	6.1E-05	1.7E-03	ND	0.007	735
2/14/2008	7.7	1.3E-06	6.3E-05	1.4E-03	ND	0.0001	754
3/12/2008	7.8	7.2E-07	3.6E-05	1.4E-03	ND	0.0004	434
4/11/2008	7.7	8.9E-07	4.4E-05	1.6E-03	ND	0.0006	534
5/8/2008	7.7	5.5E-07	2.8E-05	7.5E-04	ND	0.001	333
6/12/2008	7.6	5.8E-07	2.9E-05	3.5E-04	ND	0.005	351
7/31/2008	7.3	6.5E-07	3.3E-05	9.5E-04	ND	0.016	392
8/27/2008	7.6	5.5E-07	2.8E-05	7.7E-04	ND	0.009	332
9/24/2008	7.5	6.6E-07	3.3E-05	1.2E-03	ND	0.0004	397
10/17/2008	7.5	3.5E-07	1.8E-05	2.3E-04	ND	ND	212
11/24/2008	7.1	5.6E-07	2.8E-05	6.7E-04	ND	ND	334

Appendix E-1
Historical Treatment System Analytical Data

Sampling Parameter	pH	Total Mercury	Total Zinc	Total Cyanide	Total VOCs	Total SVOCs	Total Daily Flow
Daily Maximum Limit	5.0-12.0	3.E-05 lbs	0.75 lbs	0.2 lbs	0.01 mg/L	0.01 mg/L	3,600 gallons
12/19/2009	7.6	1.0E-06	5.1E-05	9.8E-04	ND	0.0009	618
1/8/2009	7.6	2.1E-06	1.1E-04	1.7E-03	0.007	0.003	1,285
2/23/2009	7.8	6.6E-07	4.9E-05	1.9E-04	ND	ND	395
3/18/2009	7.3	1.3E-06	6.7E-05	8.3E-04	0.001	ND	808
4/1/2009	7.6	6.5E-07	3.2E-05	4.6E-04	ND	ND	389
5/5/2009	7.6	7.4E-08	3.0E-06	3.9E-05	ND	0.001	44
6/1/2009	7.8	4.4E-07	5.5E-06	4.8E-04	ND	ND	263
7/21/2009	7.8	5.7E-07	2.8E-05	5.3E-04	ND	ND	341
8/6/2009	7.7	8.4E-07	3.2E-05	2.2E-04	ND	ND	505
9/2/2009	7.9	4.3E-07	3.3E-06	2.6E-04	ND	ND	261
10/2/2009	7.4	1.6E-06	3.0E-05	1.3E-03	ND	0.001	984
11/6/2009	7.57	9.2E-07	4.6E-05	7.8E-04	ND	ND	550
12/22/2009	7.77	1.4E-06	1.9E-05	1.2E-03	ND	0.0006	829
1/21/2010	6.4	5.5E-07	1.4E-05	2.7E-04	ND	0.0018	331
2/12/2010	7.9	6.2E-07	1.1E-05	5.0E-04	ND	0.0017	372
3/10/2010	7.6	7.9E-07	1.3E-05	7.5E-04	ND	0.0012	472
4/8/2010	7.9	7.9E-07	4.0E-05	5.7E-04	ND	0.002	476
5/17/2010	7.5	8.4E-07	1.2E-05	8.3E-04	ND	0.001	504
6/7/2010	7.9	1.2E-06	2.7E-05	1.0E-04	ND	ND	693
7/1/2010	8.0	8.6E-07	1.6E-05	4.0E-04	ND	0.0002	519
8/11/2010	7.8	2.3E-07	1.2E-05	6.8E-04	ND	0.0014	139
9/3/2010	6.7	3.5E-07	4.9E-06	4.6E-04	ND	ND	209
10/11/2010	8.0	4.5E-07	2.5E-05	6.1E-04	ND	0.0016	267
11/3/2010	7.2	4.1E-07	2.0E-05	2.0E-05	ND	0.0006	244
12/16/2010	7.7	3.5E-07	1.7E-05	5.8E-04	0.0019	0.0064	210
1/7/2011	8.0	5.3E-07	9.6E-06	6.1E-04	ND	0.0032	NR
2/16/2011	7.6	3.5E-07	1.8E-05	4.6E-04	ND	0.0010	211
3/11/2011	7.8	7.7E-07	7.7E-06	7.7E-04	ND	ND	460
4/11/2011	7.6	9.4E-07	4.7E-05	7.1E-04	ND	0.00120	565
5/11/2011	NA	NA	NA	NA	ND	ND	357
6/8/2011	NA	NA	NA	NA	ND	ND	228
7/29/2011	7.7	1.3E-07	5.3E-06	2.7E-04	ND	0.0013	80
8/23/2011	7.7	7.9E-07	3.9E-05	9.5E-04	ND	ND	474
9/7/2011	7.2	6.5E-07	7.1E-06	7.5E-04	ND	ND	389
10/18/2011	7.8	1.0E-06	3.3E-05	2.9E-05	ND	0.00198	619
11/11/2011	7.6	6.5E-07	1.5E-05	3.2E-05	ND	0.00345	389
12/7/2011	7.8	1.1E-06	1.7E-05	5.7E-04	ND	ND	687
1/19/2012	7.2	9.4E-07	1.7E-05	1.6E-03	ND	0.0064	565
2/22/2012	7.7	4.5E-07	3.6E-06	5.5E-04	ND	0.00344	273
3/14/2012	7.0	5.4E-07	5.1E-06	5.9E-04	ND	0.00207	324
4/4/2012	7.3	2.6E-07	3.0E-06	4.0E-04	ND	0.00164	156
5/3/2012	7.4	7.5E-07	6.7E-06	1.0E-03	ND	ND	449
6/21/2012	7.8	4.3E-06	2.2E-05	6.1E-04	ND	ND	260

Notes:

Daily maximum discharge limit per Buffalo Sewer Permit requirements

BOLD values indicate concentration exceeds discharge limit

APPENDIX F-2
Treatment System Discharge Permit

**AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO
POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**PERMIT NO. 09-05-BU174
EPA CATEGORY 40 CFR 403**

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the
Sewer Regulations of the Buffalo Sewer Authority, authorization is hereby granted to:

BRISTOL-MYERS SQUIBB COMPANY, INC.

to discharge **treated groundwater** from a facility located at:

West Extension Building - 6A - 100 Forest Avenue - Buffalo New York 14213

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **June 5, 2009** and analytical data.
This permit is granted in accordance with discharge limitations, monitoring requirements and other
conditions set forth in Parts I and II hereof.

Effective this 1st day of July, 2009

To Expire the 30th day of June, 2012



General Manager

Signed this 24th day of June, 2009

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfall (see attached map) shall be limited and monitored **monthly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations		Sampling Requirements		
		<u>Daily Max.</u>	<u>M.A.I.D.</u> ⁽¹⁾	Period	Type	Frequency
001	pH	5.0-12.0 S.U.		One Day	Composite ⁽²⁾	Monthly
	Total Mercury	0.00003 lbs.	7.0 mg/L	One Day	Composite ⁽²⁾	Monthly
	Total Zinc	0.75 lbs.	25.0 mg/L	One Day	Composite ⁽²⁾	Monthly
	Total Cyanide	0.2 lbs.	66.0 mg/L	One Day	Grab ⁽⁴⁾	Monthly
	EPA Test Procedure 624	(3)		One Day	Grab ⁽⁴⁾	Monthly
	EPA Test Procedure 625	(3)		One Day	Composite	Monthly
	Total Flow	3,600 gallons		Continuous Flow Meter ⁽⁵⁾		Daily

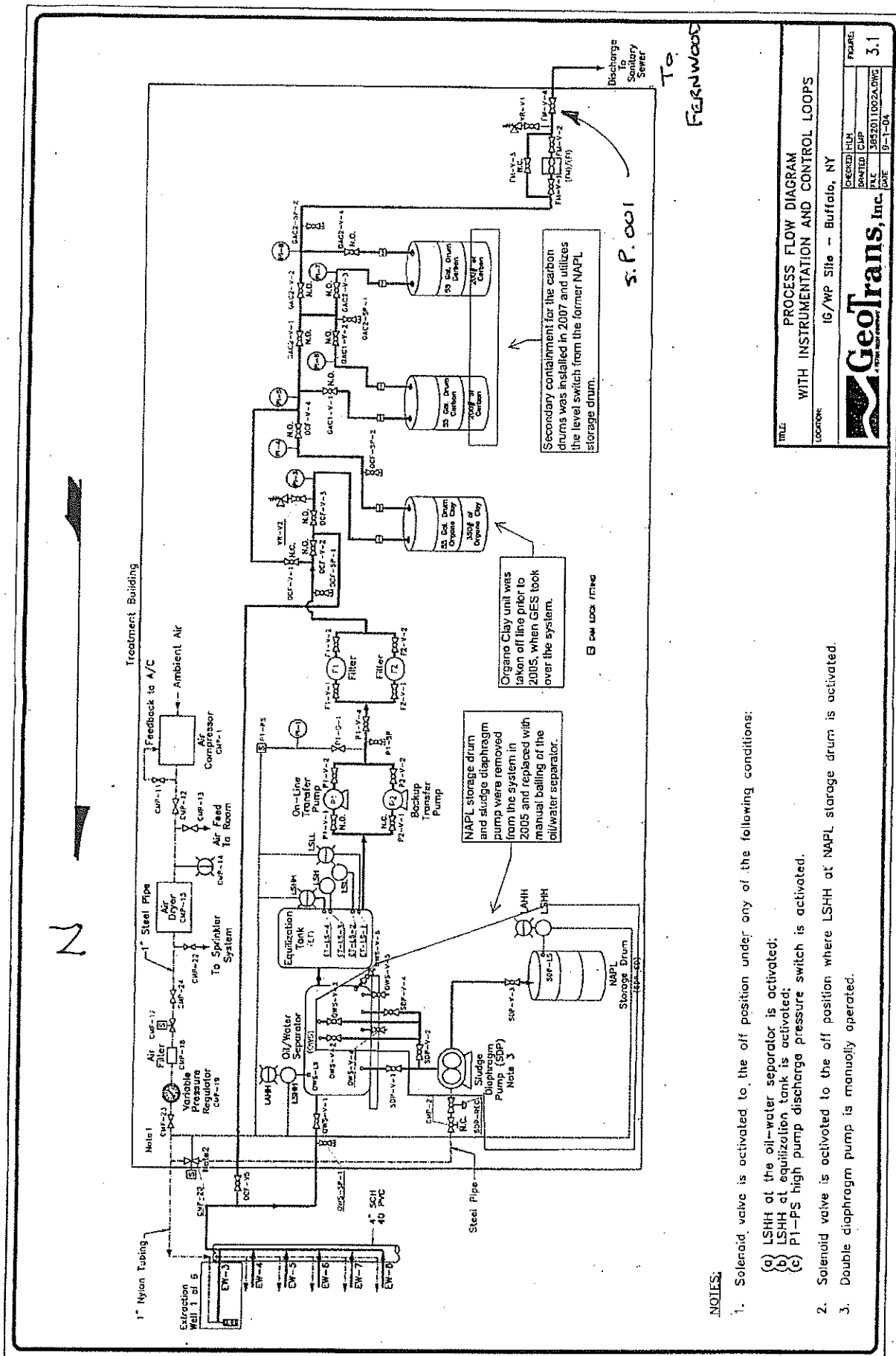
- (1) Maximum Allowable Instantaneous Discharge (Slug Discharge Limit).
- (2) Composite may be time weighted or flow weighted.
- (3) The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by this test procedure, which may cause or contribute to a violation of water quality standards or harm the sewerage system. Any parameter detected may at the discretion of the BSA, be specifically limited and incorporated into the permit.
- (4) A minimum of 4 grab samples must be collected at equally spaced intervals throughout the discharge day. The grab samples must be composited by a NYSDOH certified laboratory.
- (5) The Master Meter flow meter must be calibrated and certified by a certified Master Meter representative. This certification must be submitted annually with the December quarterly monitoring report.

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

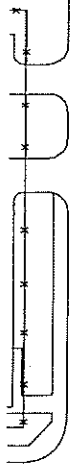
During the period beginning the effective date of this permit and lasting until the expiration date, monthly discharge monitoring results shall be summarized quarterly and reported by the permittee **quarterly** on the days specified below:

Sample Point	Parameter	Reporting Requirements	
		Initial Report	Subsequent Reports
001	All Parameters	September 30, 2009	December 31, March 31, June 30, and September 30 of each year of permit



TITLE		PROCESS FLOW DIAGRAM	
WITH INSTRUMENTATION AND CONTROL LOOPS			
LOCATION		IG/WW Site - Buffalo, NY	
FIGURE		3.1	
CHECKED	FILE	DATE	DATE
DESIGNED	FILE	DATE	DATE
3/8/2011	3/8/2011	3/8/2011	3/8/2011

Geofrancis, Inc.
A TOWN OF BUFFALO COMPANY

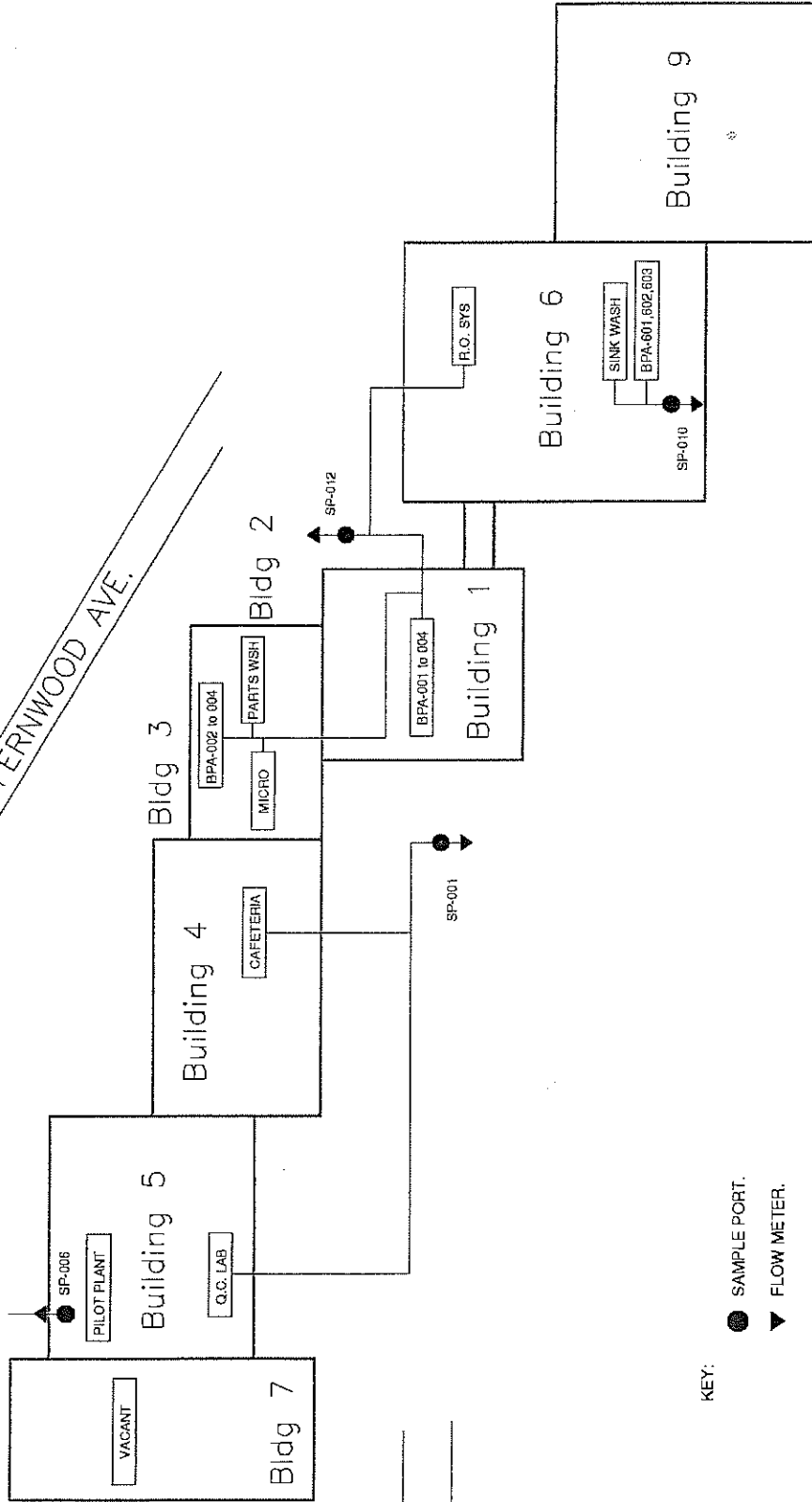


WEST

WEST AVE.

AVE.

FERNWOOD AVE.



KEY:

- SAMPLE PORT.
- ▼ FLOW METER.

PROPRIETARY NOTICE:

THE INFORMATION CONTAINED HEREON IS PROPRIETARY TO CPL & TO BE USED BY THE RECIPIENT SOLELY FOR THE PURPOSE OF THE CONTRACTUAL PERFORMANCE FOR WHICH IT IS FURNISHED AND SHALL NOT BE DISCLOSED, IN WHOLE OR IN PART, TO ANY OTHER PARTY WITHOUT PRIOR WRITTEN APPROVAL FROM CPL.

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BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

2. Definitions

Definitions of terms contained in this permit are as defined in the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet".

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet".

5. Additional Monitoring by Permittee

If the permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

**Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York 14213**

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet". These reporting requirements shall not relieve the permittee of any other reports, which may be required by the N.Y.S.D.E.C. or the U.S.E.P.A.

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the BPDES permit application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new BPDES Permit application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge.

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager.

3. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. If requested by the B.S.A., within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

4. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 883-1820 within twenty-four (24) hours of becoming aware of the violation. The permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. a description of the discharge and cause of noncompliance and;
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

5. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

6. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo Sewer System.

7. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

8. Treatment Upsets

- a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:
 - (i) A description of the upset, its cause(s) and impact on the discharger's compliance status;
 - (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;
 - (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.
- b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

9. Treatment Bypasses

- a. A bypass of the treatment system is prohibited unless the following conditions are met:
 - (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or
 - (ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and
 - (iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.
- b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent its recurrence.
- c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

- a. Violation of any terms or conditions of this permit,
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the permittee from any requirements, liabilities, or penalties under provisions of the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to \$10,000.00 per day for each violation. Any person who willfully or negligently violates permit conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the permittee is required to notify the Industrial Waste Section in writing as soon as an anticipated closure date is determined, but in no case later than five days of the actual closure.

G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. 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.

APPENDIX G
Scajaquada Creek and Sheet Pile Wall
Monthly Inspection Reports

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Gauge Date: 8/15/2012

Personnel: Jennifer Siniscalchi

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) There is no evidence of NAPL or sheen on the Creek water
- 2) Lifting holes, adjacent to P-4, are weeping water (see photos)
- 3) A few others along the length of the wall show evidence of weeping in the past (see photos)
- 4) The lifting holes patched by NFG appear to be in good condition, there is no visual indication of NAPL or water weepage (see photos)
- 5) Although the lifting holes are not visible as they are buried, water can be seen upwelling from the sheet pile panels adjacent to the panels with the patched holes (see photos)

Photos Taken?

Yes - see attached



Lifting holes
leaking water, just
south of PZ-4

A close-up photograph of a small, circular hole in a heavily rusted metal wall. Water is leaking from the hole, creating a small pool of water that is surrounded by grey rocks and brown, dried leaves. The metal wall is a mottled brown and orange color due to rust. In the top left corner, a piece of white fabric or tarp is visible. The overall scene suggests a leak in an outdoor structure, possibly a foundation or a large container.

Close up of lifting
hole leaking water,
just south of PZ-4

Close up of lifting
hole leaking water,
just south of PZ-4





Several more lifting holes were observed to have been leaking water, but were not at the time of the photo. These were all in the vicinity of PZ-4.



Below grade lifting hole
leaking water, immediately
south of the hydraulic
patch. Entire area
between sheet pile wall
and creek is damp/wet.



Hydraulic patch of lifting holes.
These were the only two patched.

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Gauge Date: 9/27/2012

Personnel: Jennifer Siniscalchi

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Three lifting holes, adjacent to P-4, are weeping water (see photos)
- 2) A few others along the length of the wall show evidence of weeping in the past (see photos)
- 3) The lifting holes patched by NFG appear to be in good condition, there is no visual indication of NAPL or water weepage (see photos)
- 4) The area adjacent to the patched holes, where water was upwelling in August, is saturated and now has a shallow stream draining to the Creek (see photos)
- 5) There is no evidence of NAPL or sheen on the Creek water

Photos Taken?

Yes - see attached



Lifting holes leaking
water, just south of
PZ-4



Close up of lifting hole
leaking water, just
south of PZ-4

The image shows a close-up of a concrete wall with a small, dark, circular hole. A stream of brownish water is leaking from this hole. Above the hole, a piece of light-colored, woven geotextile fabric is visible, with some green leaves and branches resting on it. Below the hole, there is a bed of grey, angular rocks. The concrete wall itself is weathered and has some reddish-brown staining near the hole. The overall scene appears to be an outdoor construction or maintenance site.

A close-up photograph of a circular hole in a weathered concrete slab. The hole is leaking a small amount of water, which has collected in a shallow pool of murky, brownish water. The surrounding area is cluttered with grey, jagged rocks, dry leaves, and twigs. The concrete surface is heavily stained and discolored. A white text box with red text is overlaid on the right side of the image.

Close up of lifting hole
leaking water, just south
of PZ-4

Lifting hole leaking
water, just north of
PZ-4



Close up of lifting
hole leaking water,
just north of PZ-4



A photograph of a weathered metal surface, possibly a ship's hull or a large industrial tank. The metal is dark grey and shows significant signs of corrosion, with large areas of rust and peeling paint. A lifting hole, which is a circular opening in the metal, is visible and has been patched with a light-colored material. A rope is attached to the metal surface on the left side. The bottom of the image shows some green foliage and a dark, rocky ground.

Lifting holes
patched by NFG.

A photograph showing a concrete wall with a small, dark, rectangular opening. Water is flowing out of this opening onto a ground surface covered with dark soil, small rocks, and some green plants. A piece of wood is lying on the ground near the opening. The text "Water upwelling from buried lifting hole, south of hydraulic patch." is overlaid on the image in red font.

Water upwelling from
buried lifting hole, south
of hydraulic patch.

Water seeping through
sheet pile seam, adjacent to
upwelling water from buried
lifting hole, south of
hydraulic patch.





Water seeping from sheet pile wall towards creek (through buried holes and sheet pile seam noted above). Note that sheen is of organic nature and not from NAPL. There was no evidence of NAPL seepage or sheen.

APPENDIX H
Copy of April 2012 Hazardous Waste Manifest

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD048391080	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 005212075		FLE					
5. Generator's Name and Mailing Address Bristol-Myers Squibb Company Inc 100 Forest Avenue Buffalo, NY 14213 Generator's Phone: 716-206-0074 1-800-287-7857					Generator's Site Address (if different than mailing address) SAME							
6. Transporter 1 Company Name Clean Harbors Environmental Services Inc					U.S. EPA ID Number MAD039322250							
7. Transporter 2 Company Name <i>Francis Murray Truck Service Inc</i>					U.S. EPA ID Number <i>MD98292814</i>							
8. Designated Facility Name and Site Address Clean Harbors El Dorado LLC 309 American Circle El Dorado, AR 71730 Facility's Phone: (870) 863-7173					U.S. EPA ID Number ARD069748192							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
	x	1. RO, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)			1	Dm	300	P	D018	B		
	x	2. RO, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)			2	Dm	800	P	D018	B		
	x	3. RO, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)			2	Dm	800	P	D018 F003	B		
14. Special Handling Instructions and Additional Information 1. 50004941-3 1X55 ERG#171 2. 695696 2X55 ERG#171 3. 695760 2X95 ERG#171												
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 Brent Miller on behalf of BMS					Signature <i>Brent Miller</i>		Month 4		Day 11		Year 12	
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name Walt S. P. Reno					Signature <i>Walt S. P. Reno</i>		Month 4		Day 11		Year 12
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name Timothy Amburski					Signature <i>Timothy Amburski</i>		Month 04		Day 16		Year 12
	18. Discrepancy											
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection											
	Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____											
Facility's Phone: _____												
18c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. H040			2. H040			3. H040			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 Matthew Simmons					Signature <i>Matthew Simmons</i>		Month 1		Day 29		Year 12	